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INTERNATIONAL YEARBOOK OF INDUSTRIAL STATISTICS

1996

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**INTERNATIONAL YEARBOOK
OF
INDUSTRIAL STATISTICS
1996**



**UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION
VIENNA
1996**

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Explanatory notes

Unless otherwise indicated, "manufacturing" includes the industry groups listed under major division 3 in the *International Standard Industrial Classification of All Economic Activities* [Statistical Papers, Series M, No.4/Rev.2 (United Nations publication, Sales No. E.68.XVII.8)].

International Standard Industrial Classification of All Economic Activities (ISIC) Revision 2 code numbers are accompanied by a descriptive title (for example, 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").

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

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).

Data relating to China exclude Taiwan Province, unless otherwise stated.

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

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, 1975-1985), using a semi-log regression over time. Growth rates are expressed in percentages.

Periods set off by a hyphen (for instance, 1975-1985) 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.

To avoid ambiguity the letters "l" and "o" are not used to designate footnotes.

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

Two dots (..) indicate that data are not applicable.

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

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

The following abbreviations and acronyms are used:

ASEAN	Association of South-East Asian Nations
CACM	Central American Common Market
CARICOM	Caribbean Community
CEAO	West African Economic Community
CEPGL	Economic Community of the Great Lakes Countries
EC	European Community
ECOWAS	Economic Community of West African States
GDP	gross domestic product
ISIC	International Standard Industrial Classification of All Economic Activities (Revision 2)
LAIA	Latin American Integration Association
LDCs	least developed countries
MARIUN	Mano River Union
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
PTA	Preferential Trade Area for Eastern and Southern African States
SADC	Southern African Development Community
UDEAC	Customs and Economic Union of Central Africa
UNIDO	United Nations Industrial Development Organization
UNSTAT	Statistical Division of the United Nations Secretariat
VAT	value added tax

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*Further details on these three data bases may be obtained from:
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Vienna, Austria. FAX (+43-1) 21131-6802*

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INTRODUCTION

This is the second 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, that is, major division 3 in the ISIC.

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 is taken from the *International Standard Industrial Classification of All Economic Activities* [Statistical Papers, Series M, No.4/Rev.2 (United Nations publication, Sales No.E.88.XVII.8)].

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 the 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 and selected indicators that were derived from the reported data.

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 the Statistical Division of the United Nations Secretariat (UNSTAT), the World Bank, OECD and the International Monetary Fund. These sources were supplemented with estimates generated by UNIDO. With respect to population, the information draws on the 1994 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 General 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, as well as additions and revisions of data referring to previous years, were reported by national statistical offices through the 1993 edition of the UNIDO General Industrial Statistics Questionnaire. With regard to figures for recent years, most of those referring to the member countries of the OECD were compiled by that organization. New 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.*

All indicators related to value data were derived at constant 1980 prices, except for several indicators presented in tables 1.1, 1.2, 1.5 and 1.12.

Users should be aware that, in part I, owing to a lack of relevant data, China is normally not included in world totals. The only exception is table 1.2, where the share of China in world MVA has been estimated for recent years on the basis of data provided by UNSTAT and national sources.

* UNIDO's procedures for estimation are described in "Industrial statistics for research purposes — methodology applied in the development and maintenance of the UNIDO Industrial Statistics Data Base" (UNIDO/PPD.192).

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 1993 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 UNSTAT which compiles these data regularly from national sources through the quarterly United Nations Index of Industrial Production Questionnaire.

In section 1.2 of part I and in part II, the measures generally used are census output and census value added. Thus, the costs of non-industrial services are included in value added, whereas the receipts for these services are excluded from output. For a quick reference, Appendix II 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 II, 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 UNSTAT in the provision of the information which is the basis of the current publication is gratefully acknowledged.

PART I. SUMMARY TABLES

Section 1.1: The manufacturing sector

Section 1.1 comprises tables 1.1 to 1.5. Table 1.1 shows the distribution of world MVA (excluding China) for various regions and groups of countries at constant 1980 prices as well as at current prices. To maintain comparability over time, composition of each group of countries was kept the same throughout the period. The only exception is the case of EC where the eastern part of Germany is excluded up to 1990. The composition of EC is that prior to January 1995, namely, Belgium, Denmark, France, Germany, Greece, Ireland, Italy, Luxembourg, Netherlands, Portugal, Spain and United Kingdom.

Table 1.2 shows the share of China in world MVA at constant 1980 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.

Table 1.3 shows the shares of selected groups of developing countries in MVA and in population of all developing countries.

Table 1.4 shows real growth rates and index numbers (1980=100) of total and per capita MVA 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 1980 US dollars.

Table 1.5 shows the percentage shares of MVA in GDP estimated both at constant 1980 prices and at current prices. 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 1.6 to 1.12. It focuses on the branches of the manufacturing sector. Branches are defined as major ISIC groups, reported in accordance with a three-digit code. The ISIC definition of manufacturing comprises 28 major groups or branches.

Table 1.6 shows the world distribution of the respective value added of selected 24 branches among selected country groups. Four branches are omitted from the table because the data are too scanty to ensure comparability between years. To derive world totals, particularly for the latest years, a number of estimates at the country level, especially for many developing countries, were generated.

Table 1.7 shows the shares of developing regions and the least developed countries in the value added of all developing countries in selected branches. Due to lack of sufficient data, estimates at the country level had to be generated to enable regional aggregation. Instead of 1993, the year 1992 has been chosen as the latest year. Nevertheless, a

number of branches had to be excluded from the presentation due to data limitations.

Table 1.8 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 1.6, data for 1993 include many estimates generated for individual countries.

Table 1.9 shows the shares of individual branches in total MVA by country grouping. In the case of developing countries the data coverage is limited but still representative; it includes 70 countries and areas which in 1980 accounted for 96 per cent of the MVA of all developing countries.

Table 1.10 shows real growth rates of value added of individual branches, calculated for selected country groups. The reference periods are 1980-1990 and 1990-1993. However, due to lack of comparable data, the second period is 1990-1992 or 1990-1991 in several cases.

Table 1.11 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 II of the present introduction). Only a limited number of countries and areas have reported data on female employment at the branch level.

Table 1.12 shows, for individual countries and areas, basic indicators that are characteristic of the manufacturing branches. Average annual rates of growth refer to compound rates based on data for the initial and terminal years indicated. For the calculations of real growth rates of value added per employee and those of wage rates, value added estimates at constant 1980 prices were derived using production indexes while wages at constant 1980 prices were derived by deflating wages at current prices with consumer price indexes. 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 1.12: 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 selected industrial statistics and indicators. The basic statistics presented here are: 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 index numbers of industrial production) relate to the last four years for which data were reported. Index numbers of industrial production refer to the period 1985-1993. Production indexes for total manufacturing were derived as weighted averages across branches employing 1980 value-added base weights.

In addition to these statistics, share of value added in output and that of wages and salaries in value added are presented. Changes in these shares as well as differences across countries may be due partly to changing operating surplus that is a major component of value added. There were several cases where reported value added was smaller than the corresponding reported wages or where value added was reported to be negative. In these instances, the two indicators are not calculated.

Industrial classification

The classification of industrial activity set out in the tables follows the three- and four-digit levels of the ISIC, or the three-digit level if no data on four-digit groups were reported. Where information was not provided in this form, the estimates are shown in the most applicable category. Aggregates for total manufacturing (or ISIC major division 3) are included.

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

Reference unit

For most countries and areas represented, the data shown relate to the activity of "establishments" in the specified industries rather than any other type of industrial unit. In a few cases, however, the concepts of "kind-of-activity unit", "local unit" or "enterprise" are found. An "establishment" is ideally a unit which engages, under a single ownership or control, in one, or predominantly one, kind of activity at a single location; for example, workshop or factory. A "kind-of-activity unit" differs from the establishment in that there is no restriction with respect to the geographical area in which a given kind of activity is carried out by a single legal entity. A "local unit", on the other hand, comprises all activities carried out under a single ownership or control at a single location and differs from the establishment-type of unit in that there is no restriction on the range of these activities.

An "enterprise" is a legal entity possessing the right to conduct business in its own name; for example, to enter into contracts, own property, incur liability for debts, and establish bank accounts. In the countries of eastern Europe and of the former USSR, the reference unit is often the enterprise and this is usually defined as the unit having a single administration with the right to conclude contracts, an independent production plan, an independent current bank account and a self-contained system of bookkeeping with independent balance sheets and profit-and-loss statements. Specific information on the character of the unit covered in the tables for each country is set out in the corresponding country note.

Reference period

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

Concepts and definitions of the items

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

(1) Number of persons engaged and number of employees

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

(2) Wages and salaries

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

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

(3) Output

The measure of output normally used in the tables is the census concept which covers only activities

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

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

(4) Value added

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

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

(5) Gross fixed capital formation

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

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

Assets acquired from others are valued at purchasers' prices, which cover all costs directly connected with the acquisition and installation of the items for use. In principle, assets produced on own account are also valued in this manner. However, it may frequently be necessary to value such own-account production at explicit cost, including any imputations that may be required in respect of the employed own-account labour. Assets produced by one establishment of a multi-establishment enterprise for the use of another establishment of the same enterprise should be valued by the receiving establishment as though purchased from outside the enterprise. Sales of assets should be valued at the actual amounts realized rather than at book values.

(6) Index numbers of industrial production

The indexes in the tables are compiled from national indexes which are calculated by use of the Laspeyres formula. The comparison base year is 1980. 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

Albania
Bulgaria
Czechoslovakia (former) *
Germany, eastern part
Hungary
Poland
Romania
USSR (former) **

Western Europe

Austria
Belgium
Denmark
Finland
France
Germany, western part
Greece
Iceland
Ireland
Italy
Luxembourg
Netherlands
Norway
Portugal
Spain
Sweden
Switzerland
United Kingdom

Japan

North America

Canada
United States of America

Others

Australia
Israel
New Zealand
South Africa

EC

Belgium
Denmark
France
Germany, western part
Greece
Ireland
Italy
Luxembourg
Netherlands
Portugal
Spain
United Kingdom

Algeria
Angola
Anguilla
Antigua and Barbuda
Argentina
Bahrain
Bangladesh
Barbados
Belize
Benin
Bermuda
Bhutan
Bolivia
Botswana
Brazil
British Virgin Islands
Brunei Darussalam
Burkina Faso
Burundi
Cambodia
Cameroon
Cape Verde
Central African Republic
Chad
Chile
Colombia
Comoros
Congo
Costa Rica
Côte d'Ivoire
Cuba
Cyprus
Djibouti
Dominica
Dominican Republic
Ecuador
Egypt
El Salvador
Equatorial Guinea
Ethiopia
Fiji
French Guiana
French Polynesia
Gabon
Gambia
Ghana

Grenada
Guadeloupe
Guatemala
Guinea
Guinea-Bissau
Guyana
Haiti
Honduras
Hong Kong
India
Indonesia
Iran (Islamic Republic of)
Iraq
Jamaica
Jordan
Kenya
Kuwait
Lebanon
Lesotho
Liberia
Libyan Arab Jamahiriya
Madagascar
Malawi
Malaysia
Maldives
Mali
Malta
Martinique
Mauritania
Mauritius
Mexico
Mongolia
Montserrat
Morocco
Mozambique
Myanmar
Namibia
Nepal
Netherlands Antilles
New Caledonia
Nicaragua
Niger
Nigeria
Oman
Pakistan
Panama

Papua New Guinea
Paraguay
Peru
Philippines
Puerto Rico
Qatar
Republic of Korea
Réunion
Rwanda
Saint Lucia
Samoa
Sao Tome and Principe
Saudi Arabia
Senegal
Seychelles
Sierra Leone
Singapore
Solomon Islands
Somalia
Sri Lanka
St. Kitts and Nevis
St. Vincent and the Grenadines
Sudan
Suriname
Swaziland
Syrian Arab Republic
Taiwan Province
Thailand
Togo
Tonga
Trinidad and Tobago
Tunisia
Turkey
Turks and Caicos Islands
Uganda
United Arab Emirates
United Republic of Tanzania
Uruguay
US Virgin Islands
Vanuatu
Venezuela
Yemen
Yugoslavia (former) ***
Zaire
Zambia
Zimbabwe

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.

(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			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	
Central African Republic	X			X				
Chad	X			X				
Congo	X	X		X			X	
Equatorial Guinea	X			X			X	
Gabon	X			X				
Reunion	X		X	X				
Sao Tome and Principe	X			X				
Zaire	X			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			X	
Senegal	X			X			X	
Sierra Leone	X			X				
Togo	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			
	Low income	Middle income	High income	LDCs	MICs	Second-generation NICs	Others
Eastern and southern Africa							
Botswana	X						X
Comoros	X			X			
Djibouti	X	X		X			
Ethiopia	X			X			X
Kenya	X			X			
Lesotho	X			X			
Madagascar	X			X			
Malawi	X			X			
Mauritius	X	X		X			X
Mozambique	X			X			X
Namibia	X		X	X			X
Reunion			X				X
Seychelles			X				X
Somalia	X			X			X
Swaziland	X			X			X
Uganda	X			X			X
United Republic of Tanzania	X			X			X
Zambia	X			X			
Zimbabwe	X			X			X
LATIN AMERICA							
Anguilla		X					X
Antigua and Barbuda		X					X
Argentina			X				
Barbados			X		X		X
Belize		X					X
Bermuda		X					X
Bolivia		X					X
Brazil		X			X		X
British Virgin Islands		X					X
Chile		X					X
Colombia		X					X
Costa Rica		X	X			X	X
Cuba		X					X
Dominica		X					X
Dominican Republic		X					X
Ecuador		X					X
El Salvador		X					X
French Guiana			X				X

APPENDIX I
LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

(continued)

DEVELOPING COUNTRY GROUPINGS BY REGION, INCOME GROUP AND DEVELOPMENT GROUP

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

Depending on data availability the following countries are treated separately:

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

APPENDIX I

(continued)

LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

DEVELOPING COUNTRY GROUPINGS BY REGION, INCOME GROUP AND DEVELOPMENT GROUP

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

APPENDIX I

(continued)

LIST OF COUNTRIES AND AREAS INCLUDED IN SELECTED GROUPINGS

OTHER DEVELOPING COUNTRY GROUPINGS

	CEAO	OECS	UDEAC
Andean group			
Bolivia	Benin	Antigua and Barbuda	Cameroon
Colombia	Burkina Faso	Dominica	Central African Republic
Ecuador	Côte d'Ivoire	Grenada	Chad
Peru	Mali	Montserrat	Congo
Venezuela	Mauritania	Saint Lucia	Equatorial Guinea
	Niger	St. Kitts and Nevis	Gabon
	Senegal	St. Vincent and the Grenadines	
ASEAN			
Brunei Darussalam	CEPGL	PTA	
Indonesia			
Malaysia	Burundi	Angola	
Philippines	Rwanda	Burundi	
Singapore	Zaire	Comoros	
Thailand		Djibouti	
Bangkok Agreement	LAIA	Egypt	
Bangladesh	Argentina	Ethiopia	
India	Bolivia	Kenya	
Republic of Korea	Brazil	Lesotho	
Sri Lanka	Chile	Madagascar	
	Colombia	Malawi	
	Ecuador	Mauritius	
	Mexico	Mozambique	
	Paraguay	Namibia	
	Peru	Rwanda	
	Uruguay	Seychelles	
	Venezuela	Somalia	
		Sudan	
		Swaziland	
		Uganda	
		United Republic of Tanzania	
		Zambia	
	Maghreb	Zimbabwe	
	Algeria	SADC	
	Morocco	Angola	
	Tunisia	Botswana	
		Lesotho	
	MARIUN	Malawi	
		Mozambique	
	Guinea	Namibia	
	Liberia	Swaziland	
	Sierra Leone	United Republic of Tanzania	
		Zambia	
		Zimbabwe	
Antigua and Barbuda			
Barbados			
Belize			
Dominica			
Grenada			
Guyana			
Jamaica			
Montserrat			
Saint Lucia			
St. Kitts and Nevis			
St. Vincent and the Grenadines			
Trinidad and Tobago			

APPENDIX II
DESCRIPTION OF DATA USED IN SECTION 1.2

Country or area	Value added			Output			Employment			Country or area		
	Factor values	Producers' prices	Unspecified	Mixed	Factor values	Producers' prices	Unspecified	Mixed	Persons engaged		Employees	Mixed
Albania			X		X					X		Albania
Armenia		X				X			X			Armenia
Australia	X				X					X		Australia
Austria		X				X				X		Austria
Bahamas		X				X				X		Bahamas
Bahrain							X			X		Bahrain
Barbados		X				X				X		Barbados
Belgium	X					X				X		Belgium
Belize		X				X				X		Belize
Bolivia		X				X				X		Bolivia
Bulgaria			X				X			X		Bulgaria
Burundi		X					X			X		Burundi
Cameroon		X				X				X		Cameroon
Canada		X				X				X		Canada
Chile		X				X				X		Chile
China			X				X		X			China
Colombia		X				X				X		Colombia
Costa Rica		X				X			X			Costa Rica
Croatia			X				X			X		Croatia
Cyprus		X				X				X		Cyprus
Czech Republic							X			X		Czech Republic
Denmark	X				X					X		Denmark
Ecuador		X				X				X		Ecuador
El Salvador		X						X	X			El Salvador
Fiji		X				X				X		Fiji
Finland		X				X				X		Finland
France		X				X				X		France
Germany, western part		X				X			X			Germany, western part
Ghana		X				X			X			Ghana
Greece	X				X				X			Greece
Honduras		X				X			X			Honduras
Hong Kong		X				X			X			Hong Kong
Hungary			X				X			X		Hungary
Iceland		X				X					X	Iceland
India	X				X				X			India
Indonesia	X					X				X		Indonesia
Iran (Islamic Republic of)				X				X		X		Iran (Islamic Republic of)
Iraq	X				X					X		Iraq
Ireland	X				X					X		Ireland
Israel		X				X				X		Israel
Italy			X				X			X		Italy
Jamaica		X				X				X		Jamaica
Japan			X				X				X	Japan
Jordan				X		X				X		Jordan
Kenya	X				X					X		Kenya
Kuwait		X				X			X			Kuwait
Kyrgyzstan						X			X			Kyrgyzstan

APPENDIX II
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	Persons engaged	Employees	Mixed	
Latvia						X				X		Latvia
Lithuania						X				X		Lithuania
Luxembourg	X				X					X		Luxembourg
Macau		X				X				X		Macau
Malaysia	X				X					X		Malaysia
Mauritius		X				X			X			Mauritius
Mexico		X				X				X		Mexico
Morocco			X				X			X		Morocco
Nepal		X				X				X		Nepal
Netherlands		X						X		X		Netherlands
Netherlands Antilles										X		Netherlands Antilles
New Zealand		X						X		X		New Zealand
Norway			X					X		X		Norway
Philippines		X				X				X		Philippines
Poland			X					X		X		Poland
Portugal		X				X				X		Portugal
Puerto Rico			X					X		X		Puerto Rico
Qatar		X				X				X		Qatar
Republic of Korea		X				X				X		Republic of Korea
Republic of Moldova						X				X		Republic of Moldova
Romania			X					X		X		Romania
Russian Federation			X			X				X		Russian Federation
Senegal		X				X			X			Senegal
Sierra Leone		X				X			X			Sierra Leone
Singapore	X				X				X			Singapore
Slovakia							X		X			Slovakia
Slovenia		X				X				X		Slovenia
South Africa	X							X		X		South Africa
Spain	X				X					X		Spain
Sri Lanka		X				X			X			Sri Lanka
Suriname								X	X			Suriname
Sweden	X				X					X		Sweden
Switzerland		X				X			X			Switzerland
Taiwan Province		X						X		X		Taiwan Province
The f. Yugosl. Rep. of Macedonia			X					X		X		The f. Yugosl. Rep. of Macedonia
Thailand		X				X				X		Thailand
Tonga						X				X		Tonga
Trinidad and Tobago			X					X		X		Trinidad and Tobago
Tunisia		X				X				X		Tunisia
Turkey		X				X					X	Turkey
Ukraine					X					X		Ukraine
United Kingdom	X							X		X		United Kingdom
United States of America	X				X					X		United States of America
Uruguay				X				X			X	Uruguay
Venezuela		X				X				X		Venezuela
Yugoslavia			X					X				Yugoslavia
Zimbabwe	X				X					X		Zimbabwe

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Part I

SUMMARY TABLES

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Section 1.1

THE MANUFACTURING SECTOR

TABLE 1.1

DISTRIBUTION OF WORLD MVA, 1980-1994

Year	Industrialized countries						Developing countries							
	Eastern Europe and former USSR	western Europe		Japan	North America	Others	Regional groups				Development groups			
		EC a/	Other				Africa	Latin America and Caribbean	South and East Asia	West Asia and Europe	NICs	Second-generation NICs	Least developed countries	Others
Percentage share in world total MVA (at constant 1980 prices)														
1980	19.3	28.6	3.5	10.8	22.1	2.0	0.9	7.1	4.1	1.6	8.4	1.9	0.3	3.1
1985	19.8	26.0	3.3	12.7	22.0	1.8	1.0	6.3	5.2	1.9	5.4	2.3	0.3	3.4
1990	18.0	25.4	3.2	14.5	21.6	1.7	1.0	5.8	6.9	1.9	5.0	3.0	0.2	3.4
1991	14.9	27.2	3.1	15.6	21.4	1.7	1.0	5.9	7.4	1.8	9.1	3.3	0.2	3.6
1992	12.8	27.3	3.2	15.6	22.5	1.7	1.1	6.1	7.9	1.8	9.3	3.6	0.3	3.7
1993 b/	11.4	26.7	3.2	15.3	23.8	1.8	1.1	6.3	8.5	1.9	9.8	3.9	0.3	3.8
1994 c/	9.8	26.9	3.2	15.2	24.4	1.9	1.1	6.6	9.0	1.9	10.3	4.0	0.3	4.0
Percentage share in world total MVA (at current prices)														
1990	8.9	29.7	4.3	17.7	23.3	1.7	0.9	5.6	6.1	1.8	8.9	2.4	0.3	2.8
1991	5.9	30.5	4.2	20.0	23.0	1.7	0.8	5.6	6.4	1.9	9.0	2.6	0.3	2.8
1992	4.8	31.3	4.2	20.2	22.9	1.7	0.7	5.5	6.7	2.0	8.9	2.7	0.2	3.1
1993 b/	4.0	27.8	3.8	22.3	23.9	1.7	0.7	6.3	6.9	2.6	9.8	3.0	0.2	3.5

a/ Beginning 1991 including estimates for the eastern part of Germany.

b/ Provisional.

c/ Estimate.

TABLE 1.2

SHARE OF CHINA IN WORLD MVA, 1983-1994

(Percentage)

Country group or country	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993 a/	1994 b/	1990	1991	1992	1993 a/
	at constant 1980 prices												at current prices			
Industrialized countries	82.1	81.5	80.9	79.8	79.0	78.7	78.4	78.0	76.6	74.3	71.8	70.0	83.4	83.0	82.3	79.9
Developing countries	13.4	13.8	13.5	14.1	14.4	14.1	14.1	14.4	14.7	15.1	15.6	16.0	14.0	14.3	14.5	15.9
China	4.5	4.9	5.6	6.1	6.6	7.2	7.5	7.6	8.7	10.6	12.6	14.0	2.6	2.7	3.2	4.2
World total	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	100.0

a/ Provisional.

b/ Estimate.

TABLE 1.3 DISTRIBUTION OF MVA AND POPULATION AMONG SELECTED GROUPS OF DEVELOPING COUNTRIES, SELECTED YEARS
(Percentage)

Country group	MVA at constant 1980 prices						MVA at current prices				Population			
	1980	1985	1990	1991	1992	1993 ^{a/}	1990	1991	1992	1993 ^{a/}	1980	1985	1990	1993
Low income	18.2	21.0	24.7	25.0	25.6	25.8	20.2	19.2	19.3	18.1	67.3	67.3	67.3	67.4
Middle income	19.6	22.8	25.2	25.7	26.2	26.1	24.6	25.6	25.1	24.0	16.8	16.8	16.8	16.9
High income	62.2	56.2	50.1	49.0	48.3	48.1	55.3	55.2	55.6	57.9	16.9	16.9	16.9	16.7
Developing countries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Least developed countries	1.8	1.7	1.5	1.5	1.5	1.6	1.8	1.8	1.6	1.5	16.6	16.7	17.1	17.4
NICs	61.5	58.8	57.5	56.4	55.3	55.1	62.1	61.8	59.4	59.0	44.8	44.1	43.3	42.8
Second-generation NICs	14.1	15.8	19.3	20.2	21.1	21.8	16.6	17.6	18.5	17.4	16.1	16.9	16.6	16.6
Other developing countries	22.6	23.7	21.7	21.9	22.1	21.5	19.5	18.8	20.5	21.1	22.5	23.3	24.0	24.3
Developing countries	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Africa	6.4	6.8	6.4	6.4	6.2	6.9	6.0	6.2	4.9	4.4	19.6	20.1	20.8	21.2
Latin America	51.8	44.1	37.4	36.8	36.2	36.8	39.4	38.2	37.0	38.2	16.2	16.0	15.7	16.6
South and East Asia	30.1	36.0	44.3	45.9	47.0	47.6	42.4	43.9	44.4	41.7	58.9	58.6	58.1	57.8
West Asia and Europe	11.7	13.1	11.9	10.9	10.6	10.7	12.2	12.7	13.7	15.7	6.3	6.3	6.4	6.4
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

a/ Provisional.

TABLE 1.4

ANNUAL GROWTH OF MVA, 1980-1993^{a/}

Country group or country/area	Total MVA						Per-capita MVA					
	Growth rate (percentage)		Index (1980 = 100)				Growth rate (percentage)		Index (1980 = 100)			
	1980-1990	1990-1993	1990	1991	1992	1993 b/	1980-1990	1990-1993	1990	1991	1992	1993 b/
Industrialized countries	2.9	-2.2	128	126	122	120	2.2	-2.8	120	117	113	110
Eastern Europe and former USSR	2.7	-11.5	122	109	94	86	1.9	-11.7	114	101	88	79
EC	1.7	-1.9	116	117	118	110	1.6	-2.2	113	113	110	106
Belgium	3.0	-1.4	135	134	131	130	2.9	-1.7	134	133	129	127
Denmark	1.4	-0.6	111	110	112	108	1.4	-0.8	110	110	111	107
France	0.8	-1.6	110	109	108	106	0.3	-2.0	106	103	102	98
Germany, western part	1.6	-2.2	116	121	118	109	1.4	-3.0	113	112	112	103
Greece	0.6	-2.1	102	101	100	96	-0.1	-2.6	95	95	93	89
Ireland	4.6	3.0	166	161	160	169	4.3	2.8	161	147	166	163
Italy	3.0	-0.6	128	127	127	126	2.9	-0.7	126	126	126	124
Luxembourg	4.2	0.6	139	141	143	140	3.7	-0.7	133	133	134	126
Netherlands	1.8	-0.9	117	117	117	114	1.2	-1.6	111	110	109	106
Portugal	2.1	-3.5	126	126	121	113	2.0	-3.4	124	124	120	112
Spain	2.1	-6.8	121	122	107	103	1.7	-6.0	116	116	102	98
United Kingdom	1.5	-1.5	106	103	102	102	1.4	-1.8	104	101	99	99
Other western Europe	2.2	-1.0	120	117	116	116	1.7	-1.6	116	112	110	109
Austria	2.4	-0.2	127	130	130	126	2.2	-0.9	124	126	126	120
Finland	3.4	-1.1	136	121	123	130	2.9	-1.6	130	116	117	123
Iceland	0.7	-3.8	100	102	93	91	-0.4	-4.8	90	90	82	79
Norway	0.6	0.3	103	101	102	104	0.2	-0.1	99	97	97	98
Sweden	2.6	-2.6	121	116	111	112	2.3	-3.1	118	111	106	108
Switzerland	1.6	-0.3	112	113	112	112	0.7	-1.4	104	104	102	100
Japan	6.6	0.3	176	187	183	178	6.0	0.0	166	176	172	167
North America	3.1	1.9	128	125	129	136	2.1	0.9	117	112	116	119
Canada	3.2	-0.4	124	116	116	122	1.9	-1.6	109	101	100	104
United States of America	3.1	2.1	129	126	131	136	2.2	1.0	117	113	116	120
Others	1.2	2.1	110	109	111	117	-0.8	0.0	90	87	87	90
Australia	1.7	3.3	111	109	113	123	0.2	1.9	96	93	96	102
Israel	2.8	7.6	133	143	156	166	1.0	3.4	111	116	119	122
New Zealand	0.7	0.9	109	106	106	113	-0.0	-0.3	101	97	96	100
South Africa	-0.1	-1.9	102	100	97	97	-2.6	-4.1	80	77	73	71

a/ At constant 1980 prices.

b/ Provisional.

TABLE 1.4
(continued)ANNUAL GROWTH OF MVA, 1980-1993^{a/}

Country group or country/area	Total MVA					Per-capita MVA						
	Growth rate (percentage)		Index (1980 = 100)				Growth rate (percentage)		Index (1980 = 100)			
	1980-1990	1990-1993	1990	1991	1992	1993 b/	1980-1990	1990-1993	1990	1991	1992	1993 b/
Developing countries	4.5	3.1	149	152	156	163	2.1	0.9	117	117	118	121
Algeria	5.7	-2.7	173	179	166	162	2.7	-6.0	130	131	119	114
Angola	-1.3	-2.9	78	81	81	71	-3.9	-6.6	59	59	57	48
Anguilla	6.6	6.9	176	201	201	220	6.6	2.7	176	201	201	192
Antigua and Barbuda	3.7	-3.1	154	147	139	142	3.2	-3.7	147	140	130	133
Argentina	-0.5	8.6	87	97	104	111	-1.9	7.2	76	83	88	93
Bahrain	0.7	4.4	116	117	124	131	-1.7	1.4	82	79	73	86
Bangladesh	3.2	8.6	136	146	157	174	1.2	6.2	111	117	123	133
Barbados	-0.6	-5.2	93	88	80	80	-0.9	-6.6	90	84	77	76
Belize	1.3	3.7	123	120	135	134	-1.3	1.1	96	90	99	96
Benin	1.6	2.5	123	125	129	132	-1.3	-0.6	92	91	90	90
Bermuda	1.2	-0.1	101	100	99	101	-0.1	-0.8	90	89	86	88
Bhutan	12.7	13.2	417	494	660	604	10.2	11.9	334	390	438	468
Bolivia	-0.8	5.1	90	96	101	106	-2.8	2.6	74	77	78	80
Botswana	8.8	6.0	261	279	296	311	6.2	2.8	186	192	197	201
Brazil	1.7	-2.2	98	89	86	93	-0.4	-3.9	80	71	68	72
British Virgin Islands	10.6	5.8	238	228	240	263	7.3	2.1	178	161	169	168
Brunei Darussalam	-0.3	-9.9	75	58	54	54	-3.1	-11.8	56	43	38	38
Burkina Faso	1.1	3.5	112	114	122	123	-1.6	0.7	87	88	89	88
Burundi	5.1	2.6	158	165	174	169	2.1	-0.6	119	120	123	116
Cambodia	7.9	5.7	200	214	221	239	4.6	2.6	147	153	153	160
Cameroon	10.0	-3.3	268	257	247	234	6.8	-6.0	194	188	176	162
Cape Verde	7.8	21.3	185	196	246	326	6.1	18.0	166	162	197	265
Central African Republic	2.6	-3.0	132	138	124	123	0.2	-5.4	104	106	93	91
Chad	3.9	-3.9	139	138	129	126	1.7	-6.4	112	108	99	93
Chile	3.5	7.2	129	136	151	156	1.8	6.4	109	113	124	126
Colombia	3.5	2.7	134	136	141	144	1.6	1.0	110	109	112	112
Comoros	3.0	9.2	134	161	170	176	-0.6	6.3	94	109	111	111
Congo	7.0	-1.1	218	219	217	211	3.9	-4.0	163	169	163	144
Costa Rica	3.0	6.6	124	127	140	149	0.1	4.0	93	93	100	104
Côte d'Ivoire	1.4	1.9	90	93	93	96	-2.4	-1.6	62	61	59	59
Cuba	4.0	...	160	141	...	...	3.1	...	147	128	...	...
Cyprus	4.3	1.9	156	156	161	163	3.2	0.8	139	138	141	141
Djibouti	0.6	1.9	110	112	114	117	-6.6	-0.6	60	59	59	59
Dominica	5.7	1.4	191	187	191	199	6.2	1.4	199	196	199	207
Dominican Republic	2.3	5.4	127	129	144	146	0.0	3.4	102	101	110	110
Ecuador	-0.0	2.8	105	107	111	114	-2.5	0.5	81	81	82	82
Egypt	5.5	0.6	166	170	167	171	2.9	-1.7	129	129	124	124
El Salvador	1.0	6.2	101	106	112	121	-0.3	3.9	88	91	94	99
Equatorial Guinea	2.6	7.3	117	125	132	146	-2.3	4.7	72	76	76	85
Ethiopia	3.1	-4.4	131	107	96	117	0.4	-7.2	101	79	69	62
Fiji	1.2	2.7	122	128	127	134	-0.2	1.2	107	111	108	112
French Guiana	1.4	2.0	106	111	111	113	-4.0	-2.5	61	62	59	57

a/ At constant 1980 prices.

b/ Provisional

TABLE 1.4
(continued)

ANNUAL GROWTH OF MVA, 1980-1993^{a/}

Country group or country/area	Total MVA						Per-capita MVA					
	Growth rate (percentage)		Index (1980 = 100)				Growth rate (percentage)		Index (1980 = 100)			
	1980-1990	1990-1993	1990	1991	1992	1993 b/	1980-1990	1990-1993	1990	1991	1992	1993 b/
French Polynesia	6.2	4.5	183	190	197	209	3.4	2.1	140	142	145	149
Gabon	-0.7	0.4	85	88	85	87	-4.1	-2.4	60	60	67	66
Gambia	4.3	2.1	174	172	181	183	0.6	-1.9	121	114	116	113
Ghana	4.3	-0.2	107	100	103	106	0.8	-3.2	77	70	69	67
Grenada	6.3	-2.1	207	217	230	189	6.1	-2.4	202	212	225	183
Guadeloupe	2.4	0.6	114	109	111	116	0.6	-1.2	96	90	90	92
Guatemala	0.0	2.7	99	101	104	107	-2.8	-0.3	74	74	74	74
Guinea	5.2	4.8	164	174	181	190	2.6	1.7	127	131	132	134
Guinea-Bissau	-4.9	0.4	66	66	66	67	-8.7	-1.8	56	53	51	52
Guyana	-6.1	11.7	52	58	69	71	-6.6	10.6	50	55	65	66
Haiti	-1.6	-18.7	82	66	62	45	-3.6	-20.4	68	55	41	35
Honduras	3.5	4.0	132	134	142	147	0.3	1.0	96	96	98	99
Hong Kong	4.7	-0.2	142	129	135	139	3.6	-0.8	125	113	118	120
India	7.4	1.3	207	201	207	214	5.2	-0.6	166	159	161	164
Indonesia	12.5	9.2	305	334	367	396	10.3	7.5	262	272	293	312
Iran (Islamic Republic of)	4.5	8.0	170	201	207	218	0.3	5.0	113	130	130	133
Iraq	1.8	...	87	...	...	...	-1.6	...	62	...	...	...
Jamaica	2.7	-2.9	135	124	125	122	1.7	-3.5	122	111	112	108
Jordan	2.2	5.2	149	145	166	169	-1.6	0.1	102	96	104	100
Kenya	4.9	2.2	160	166	168	171	1.3	-1.5	112	113	110	108
Kuwait	2.8	...	134	...	...	...	-2.1	...	85	...	...	...
Lebanon	-21.5	-1.7	8	8	8	8	-21.1	-4.7	8	8	8	7
Lesotho	13.5	10.2	315	344	396	416	10.2	7.3	236	251	281	287
Liberia	1.0	3.2	104	100	110	112	-2.1	-0.2	76	70	75	74
Libyan Arab Jamahiriya	10.5	8.1	255	267	293	321	6.1	4.4	171	173	183	193
Madagascar	-1.4	0.3	72	72	71	73	-4.5	-2.9	52	50	48	48
Malawi	2.8	1.4	143	144	148	149	-1.5	-2.4	94	91	90	87
Malaysia	8.9	12.1	244	278	307	345	6.1	9.4	188	209	225	247
Maldives	11.9	9.5	363	399	434	478	8.5	6.0	256	283	297	317
Mali	10.2	7.3	229	233	262	278	6.9	4.0	170	165	183	189
Malta	1.9	4.7	117	124	129	135	1.0	4.0	106	113	116	121
Martinique	10.1	-14.1	226	125	128	135	9.0	-15.0	204	112	114	119
Mauritania	5.3	8.4	192	205	228	242	2.6	5.7	149	155	166	174
Mauritius	10.7	6.9	251	263	279	307	9.7	5.8	230	238	250	272
Mexico	1.4	1.9	122	125	129	128	-0.9	-0.3	97	98	98	96
Mongolia	5.5	-11.2	161	158	134	128	2.7	-13.1	138	118	98	92
Montserrat	3.2	3.6	136	130	136	151	4.2	3.6	148	142	147	165
Morocco	4.2	1.1	153	157	161	167	1.8	-1.0	122	123	123	118
Myanmar	-0.1	6.2	108	103	117	126	-2.2	3.9	87	82	91	96
Namibia	2.4	-0.2	135	131	136	132	-0.4	-2.8	103	97	99	93
Nepal	8.2	7.3	204	218	233	252	5.4	4.5	157	164	171	180
Netherlands Antilles	-1.0	-2.2	94	91	88	89	-1.9	-3.0	87	82	79	79
New Caledonia	4.1	3.6	114	119	127	125	2.7	2.2	97	100	105	103
Nicaragua	-4.0	-0.7	70	74	70	69	-6.5	-4.3	63	55	50	47

a/ At constant 1980 prices.
b/ Provisional

TABLE 1.4
(continued)

ANNUAL GROWTH OF MVA, 1980-1993^{a/}

Country group or country/area	Total MVA						Per-capita MVA					
	Growth rate (percentage)		Index (1980 = 100)				Growth rate (percentage)		Index (1980 = 100)			
	1980-1990	1990-1993	1990	1991	1992	1993 b/	1980-1990	1990-1993	1990	1991	1992	1993 b/
Niger	4.8	-1.0	188	188	181	184	1.5	-4.2	136	131	123	120
Nigeria	0.4	-0.3	116	124	127	114	-2.4	-3.3	87	90	89	78
Oman	21.5	6.2	806	890	927	970	16.0	1.7	606	636	636	636
Pakistan	7.6	6.4	211	228	241	256	3.8	3.4	148	166	159	163
Panama	-1.1	8.8	96	103	112	123	-3.1	6.8	77	83	88	94
Papua New Guinea	0.8	10.7	94	109	118	129	-1.3	8.2	76	86	91	97
Paraguay	2.2	1.3	126	128	128	132	-1.0	-1.8	92	90	87	88
Peru	-0.7	0.6	83	87	81	87	-2.6	-1.3	66	69	63	66
Philippines	0.2	-0.7	109	109	107	107	-2.1	-2.8	87	86	81	80
Puerto Rico	1.7	3.2	134	137	141	147	2.7	2.4	121	123	126	130
Qatar	8.7	2.1	206	193	212	213	0.7	-0.8	97	88	84	82
Republic of Korea	12.8	6.2	307	334	361	368	11.6	5.1	273	294	306	316
Réunion	4.8	0.4	167	146	162	158	2.9	-1.2	132	121	123	126
Rwanda	1.5	1.8	114	116	120	120	-1.6	-0.9	86	84	84	82
Saint Lucia	3.2	1.3	136	131	134	140	1.7	0.1	118	111	112	116
Samoa	-0.6	-0.8	98	90	92	96	-0.8	-1.8	96	87	89	90
Sao Tome and Principe	-4.4	5.9	89	72	74	82	-6.6	3.7	64	66	66	61
Saudi Arabia	8.1	5.3	214	226	238	249	2.8	3.0	128	131	136	140
Senegal	4.7	-2.2	166	166	168	166	1.8	-4.6	124	123	114	109
Seychelles	7.2	4.8	179	180	186	208	6.0	3.9	161	160	164	182
Sierra Leone	-4.8	-8.2	67	63	62	61	-6.8	-10.3	64	42	40	38
Singapore	6.6	5.5	196	206	210	231	6.4	4.4	174	181	184	200
Solomon Islands	2.2	5.6	119	121	130	138	-1.2	2.0	84	83	86	89
Somalia	1.7	-1.3	104	121	109	104	-0.8	-2.3	81	93	83	78
Sri Lanka	4.9	9.0	168	170	186	206	3.4	7.6	136	146	166	170
St. Kitts and Nevis	0.3	2.6	89	89	93	96	0.8	3.4	94	94	97	103
St. Vincent and the Grenadines	4.7	4.0	139	146	150	166	3.8	3.0	127	131	136	139
Sudan	1.4	5.5	121	129	139	141	-1.4	2.7	92	96	100	99
Suriname	-3.0	-0.2	76	73	74	76	-4.3	-1.3	67	64	64	64
Swaziland	5.4	4.1	183	187	198	206	2.4	1.3	138	137	141	142
Syrian Arab Republic	3.5	6.4	107	119	137	122	-0.1	1.9	78	81	90	78
Taiwan Province	8.5	4.2	204	218	226	232	7.1	3.1	179	189	193	196
Thailand	9.5	11.4	267	288	319	366	7.6	10.1	216	239	261	286
Togo	1.0	-16.9	98	102	92	66	-2.0	-19.6	72	73	64	37
Tonga	0.4	0.0	116	103	103	116	-0.0	-0.4	111	99	98	110
Trinidad and Tobago	-1.4	5.1	90	98	103	104	-2.7	3.9	79	86	89	88
Tunisia	5.8	5.6	177	186	200	206	3.3	3.6	140	143	162	164
Turkey	7.3	5.8	202	207	218	239	4.8	3.7	160	160	166	178
Turks and Caicos Islands	0.8	0.0	100	100	100	100	-4.6	-3.2	68	68	64	61
Uganda	3.7	6.3	146	163	169	176	0.6	2.6	106	116	116	116
United Arab Emirates	3.1	1.3	223	226	228	232	-1.7	-1.6	136	133	131	130
United Republic of Tanzania	-	4.2	87	91	93	99	-3.9	1.1	63	64	63	66
Uruguay	0.4	-2.3	91	90	92	94	-0.2	-2.9	86	86	86	77
US Virgin Islands	1.4	2.8	106	109	113	116	0.9	2.2	101	103	107	107

a/ At constant 1980 prices
b/ Provisional

TABLE 1.4
(continued)

Country group or country/area	Growth rate (percentage)				Total MVA				Per-capita MVA					
	1980-1990		1990-1993		Index (1980 = 100)		1993 b/		Growth rate (percentage)		Index (1980 = 100)		1993 b/	
	1980-1980	1990-1993	1990	1992	1980-1990	1990-1993	1990	1991	1992	1991	1992	1990	1991	1992	1993 b/
Vanuatu	14.4	9.3	379	416	486	6.8	298	294	332	353				
Venezuela	2.5	3.5	120	135	134	1.1	93	100	100	96				
Yemen	7.3	1.9	184	190	195	-2.3	130	128	126	122				
Yugoslavia (former)	1.7		109			0.9	102							
Zaire	-1.0	-10.3	86	73	84	-4.1	64	59	49	42				
Zambia	4.0	3.9	153	161	171	0.4	108	104	107	110				
Zimbabwe	2.9	-5.6	140	150	119	-0.5	100	100	88	79				
Low income	7.2	4.7	202	219	231	2.4	167	161	166	171				
High income	7.0	4.3	191	209	217	1.9	160	166	167	169				
	2.6	1.7	120	171	126	-0.3	96	93	93	94				
Africa	4.0	0.6	148	162	161	1.0	111	111	107	103				
North Africa	5.4	1.1	154	173	174	2.7	129	130	127	125				
Northern	5.1	0.1	166	168	166	2.1	128	129	125	121				
Central Africa	5.7	-2.5	170	164	165	2.6	126	122	118	107				
LEPCs	1.3	-1.6	111	112	108	-1.8	81	79	78	70				
LUKFC	7.3	-2.7	199	192	184	4.4	152	148	138	129				
Western Africa (ECUMAS)	1.4	0.2	116	124	118	1.0	87	88	87	79				
CEAO	2.9	1.3	123	124	128	-0.2	88	89	86	84				
MARLIN	0.5	1.6	107	111	111	0.2	83	78	76	79				
Eastern and southern Africa	3.5	0.5	139	139	142	0.3	102	100	96	96				
PTA	3.9	0.9	145	147	160	0.9	108	107	103	102				
SADC	2.9	-0.2	137	138	137	-0.4	98	97	93	89				
Latin America	1.5	1.6	107	109	112	-0.6	87	86	84	87				
LPFA	1.3	2.0	106	107	111	0.2	86	84	84	86				
Andean group	1.1	2.3	116	126	126	-0.1	93	96	96	96				
CASM	1.0	4.4	109	115	120	1.5	82	82	82	85				
CARICOM	1.4	0.3	107	108	109	-0.6	97	96	96	96				
SECS	3.3	1.0	138	139	142	3.0	131	129	131	132				
South and East Asia	5.4	5.6	219	244	268	6.0	176	182	188	196				
ASEAN	6.3	6.7	223	293	287	6.7	183	196	209	224				
Bangkok Agreement	5.5	4.0	242	260	272	7.4	168	200	204	209				
West Asia and Europe	4.1	-0.6	152	142	148	1.7	116	106	104	107				
Least developed countries	2.4	3.6	125	133	140	-0.2	97	96	96	96				
African LDCs	2.2	2.0	122	126	130	-0.8	91	89	88	88				
NIFs	4.1	1.6	139	146	141	2.0	111	111	111	111				
Second-generation NICs	7.4	7.4	204	234	253	5.2	166	174	184	195				
World	3.1	-1.4	131	127	126	1.2	109	106	102	100				

a/ At constant 1990 prices
b/ Provisional

TABLE 1.5
SHARE OF MVA IN GDP, SELECTED YEARS
(Percentage)

Country group or country/area	At constant 1980 prices						At current prices					
	1980	1985	1990	1991	1992	1993a/	1980	1985	1990	1991	1992	1993a/
Industrialized countries	27.8	27.4	27.1	26.7	26.1	25.5	27.8	27.8	27.8	27.8	27.8	27.8
Eastern Europe and former USSR	46.1	47.1	46.6	47.9	48.4	47.1	46.1	46.1	46.1	46.1	46.1	46.1
EC	27.5	26.2	25.2	24.9	24.2	23.3	27.5	25.8	24.6	23.7	22.8	22.0
Belgium	23.0	24.9	25.3	24.5	23.7	24.0	23.0	22.4	21.5	20.8	20.6	20.5
Denmark	19.7	19.7	17.5	17.4	17.5	16.6	18.7	19.6	18.7	18.6	19.1	18.7
France	25.5	23.2	22.4	21.8	21.6	21.1	25.5	23.1	22.6	21.9	21.5	20.8
Germany, western part	33.9	32.9	31.4	31.1	29.8	28.0	33.9	33.3	32.1	31.3	29.8	27.5
Greece	19.5	18.4	17.3	16.5	16.3	15.7	19.5	18.3	16.1	15.1	14.7	14.9
Ireland	24.4	27.9	27.4	28.7	28.9	27.3	24.4	28.0	28.6	28.5	28.7	28.9
Italy	27.3	26.8	27.9	27.5	27.2	26.6	27.3	23.8	21.9	20.7	20.1	19.8
Luxembourg	27.6	28.0	26.8	26.5	26.6	26.0	27.6	28.2	26.0	23.6	23.4	23.4
Netherlands	18.9	18.6	18.1	17.7	17.5	16.9	18.9	18.5	19.6	19.2	18.9	18.3
Portugal	29.3	27.8	27.9	27.4	26.1	24.8	29.3	28.7	26.4	25.8	25.4	25.3
Spain	27.7	26.5	24.6	24.3	21.3	20.7	27.7	23.5	22.4	21.5	17.7	16.8
United Kingdom	25.5	22.7	20.4	20.4	20.1	19.7	25.5	23.5	22.5	20.7	20.4	20.5
Other western Europe	24.9	24.2	23.7	23.1	22.9	23.0	24.9	22.2	23.4	22.5	22.5	23.0
Austria	29.1	29.1	29.4	29.2	28.7	27.7	29.1	28.2	27.0	26.5	26.7	24.5
Finland	27.4	27.5	27.0	26.8	27.2	26.6	27.4	24.6	22.0	19.7	20.9	22.9
Iceland	20.3	17.7	14.8	16.0	14.2	13.7	20.3	18.9	17.8	17.8	17.8	17.6
Norway	17.3	15.8	12.7	12.0	11.8	11.6	17.3	15.2	14.8	14.5	14.5	14.4
Sweden	23.0	23.4	22.1	21.2	20.8	21.5	23.0	23.7	21.6	19.7	18.8	19.9
Switzerland	27.0	24.9	25.3	26.3	26.1	26.0	27.0	19.5	27.1	27.1	27.6	27.7
Japan	28.2	30.7	32.1	33.0	32.2	31.7	28.2	28.5	28.0	28.1	27.0	25.8
North America	21.5	20.7	20.8	20.3	20.5	20.7	21.5	19.7	18.6	17.9	17.7	17.5
Canada	19.5	19.6	18.3	17.4	17.5	17.8	19.5	18.7	17.3	16.1	16.1	16.0
United States of America	21.7	20.8	21.0	20.5	20.7	20.9	21.7	19.8	16.6	18.1	17.9	17.7
Others	20.6	18.7	17.6	17.4	17.3	17.8	20.5	19.4	16.0	17.7	18.2	17.9
Australia	19.1	18.9	15.7	16.4	15.4	16.1	19.1	17.2	14.8	14.3	14.7	14.5
Israel	22.6	23.3	22.1	22.4	22.7	23.6	22.6	27.9	26.8	26.2	26.1	26.2
New Zealand	22.1	22.5	20.0	19.5	19.1	19.2	22.1	21.2	17.4	17.0	17.0	16.7
South Africa	23.1	20.4	20.7	20.4	20.2	20.0	23.1	22.7	24.4	24.0	24.3	23.7

a/ Provisionsal.

TABLE 1.5
(continued)
SHARE OF MVA IN GDP, SELECTED YEARS
(Percentage)

Country group or country/area	At constant 1980 prices					At current prices					
	1980	1985	1990	1991	1992	1993a/	1980	1990	1991	1992	1993a/
Developing countries	18.0	19.1	20.1	20.0	19.9	20.0	18.0	20.5	20.5	19.9	19.5
Algeria	7.8	9.5	9.7	9.7	8.7	8.5	7.8	8.4	8.4	8.5	9.1
Angola	2.6	3.5	1.6	1.6	1.5	1.4	2.6	1.4	1.4	1.5	1.5
Anguilla	1.2	1.1	1.2	1.2	1.2	1.2	1.2	0.6	0.7	0.7	0.7
Antigua and Barbuda	5.1	5.3	4.4	4.0	3.7	3.7	5.1	4.2	2.8	2.6	2.5
Argentina	25.0	22.5	22.2	23.2	23.2	23.3	25.0	22.7	20.7	18.5	16.5
Bahrain	14.8	11.5	13.9	13.4	13.4	13.8	14.8	15.7	15.2	15.2	14.9
Bangladesh	9.4	8.3	8.5	8.7	9.0	9.5	9.4	7.5	7.4	7.5	8.0
Barbados	11.9	10.5	10.1	9.9	9.7	9.5	11.9	10.6	7.8	7.7	7.2
Belize	14.6	13.4	11.3	10.6	11.0	10.4	14.8	10.3	9.5	9.2	8.3
Benin	6.7	4.5	5.6	5.5	5.4	5.4	6.7	6.4	6.4	6.5	7.9
Bermuda	13.5	12.5	12.6	12.5	12.6	12.7	13.5	6.0	6.0	6.5	6.5
Bhutan	3.2	4.9	6.7	7.5	8.2	8.4	3.2	6.4	9.0	9.1	9.6
Bolivia	14.8	12.0	13.5	13.7	13.8	13.9	14.8	15.2	14.5	14.7	14.8
Bolswana	4.6	3.1	4.3	4.2	4.3	4.4	4.6	5.4	5.3	5.4	5.6
Brazil	31.0	27.5	25.6	23.0	22.4	23.0	31.0	23.6	22.8	21.5	20.4
British Virgin Islands	2.7	2.9	3.7	3.7	3.7	3.9	2.7	2.7	3.0	3.1	3.1
Brunei Darussalam	11.7	8.8	11.2	6.4	8.1	6.0	11.7	10.1	8.9	8.4	8.8
Burkina Faso	17.4	9.5	9.6	9.9	10.5	10.5	11.4	12.1	11.4	11.4	11.4
Burundi	9.0	7.5	9.7	9.9	10.2	10.1	9.0	9.6	16.3	16.6	12.9
Cambodia	5.3	4.7	6.5	6.5	6.5	6.5	5.0	6.0	6.0	6.0	6.0
Cameroun	9.3	12.6	17.1	17.4	17.6	17.5	9.3	11.6	16.0	16.2	17.3
Cape Verde	5.4	6.4	5.8	6.7	6.8	6.6	5.4	6.6	6.9	7.0	7.2
Central African Republic	3.2	5.5	10.2	10.6	9.7	9.7	3.2	8.8	7.5	7.5	7.5
Chad	3.1	10.6	5.8	6.9	6.6	6.8	9.1	8.7	8.6	8.7	8.7
Chile	21.3	20.3	20.5	20.5	20.7	20.3	21.3	18.5	18.1	18.1	17.7
Colombia	23.7	21.7	21.8	21.2	21.4	20.8	23.3	20.0	20.2	19.8	19.7
Cocos	3.5	2.9	3.5	3.5	4.7	4.6	3.6	3.4	3.9	3.9	3.8
Congo	7.7	9.2	9.2	9.2	8.7	8.4	7.7	8.8	8.7	8.6	8.6
Costa Rica	16.5	18.5	12.5	18.5	15.9	19.0	16.6	19.4	19.9	20.5	19.4
Côte d'Ivoire	11.7	12.0	12.7	13.3	12.2	12.5	11.7	13.0	19.2	19.2	19.0
Cuba	34.4	41.7	39.3	40.6	41.5	41.1	34.4	41.5	41.5	41.5	41.5
Cyprus	18.2	17.4	16.4	16.1	14.5	14.1	18.2	14.8	14.9	14.2	14.0
Djibouti	9.7	8.9	8.9	8.8	8.9	9.0	9.7	10.3	10.6	11.2	11.3
Dominica	4.6	5.5	5.6	6.4	5.4	5.6	4.6	5.6	6.8	6.8	6.8
Dominican Republic	15.3	13.7	15.0	15.2	12.8	15.8	15.3	13.5	13.5	14.2	14.1
Ecuador	17.8	16.8	15.3	14.9	14.9	14.9	17.8	19.6	21.0	22.3	22.0
Egypt	12.5	12.2	12.7	12.7	12.5	12.5	12.5	13.9	11.9	12.5	11.2
El Salvador	15.0	14.0	15.4	15.0	15.2	15.2	15.0	16.4	18.5	18.7	19.0
Equatorial Guinea	6.9	1.5	0.7	0.7	0.7	0.5	6.9	1.4	1.1	1.0	0.9
Ethiopia	10.8	13.4	12.1	9.9	9.6	10.9	10.8	11.2	10.6	9.3	9.3
Fiji	11.2	10.3	10.5	11.0	10.6	10.9	11.2	8.6	9.2	8.9	8.8
French Guiana	5.7	5.2	6.1	5.3	5.2	5.3	5.7	5.7	5.7	5.7	5.7

a/ Provisional.

TABLE 1.5
(continued)

SHARE OF MVA IN GDP, SELECTED YEARS

(Percentage)

Country group or country/area	At constant 1980 prices						At current prices					
	1980	1985	1990	1991	1992	1993a/	1980	1985	1990	1991	1992	1993a/
French Polynesia	6.6	8.0	6.7	6.8	6.7	6.7	6.6	8.5	7.3	9.3	9.0	9.1
Gabon	7.0	7.6	8.0	8.1	8.1	8.0	7.0	8.0	7.5	7.7	7.5	7.6
Gambia	6.8	7.4	7.7	7.2	7.6	7.5	6.8	9.6	6.0	6.9	6.8	6.8
Ghana	7.8	6.3	6.9	6.2	6.2	6.0	7.8	11.5	9.2	8.7	8.6	8.7
Grenada	3.8	4.1	5.0	6.1	5.5	4.5	3.8	4.7	4.8	4.9	6.1	4.7
Guadeloupe	6.3	4.8	5.4	5.4	5.4	5.3	6.3	...	...	...	...	...
Guatemala	16.7	15.6	15.0	14.9	14.6	14.4	16.7	15.8	15.1	14.6	14.7	14.6
Guinea	3.2	3.3	4.1	4.2	4.2	4.2	3.2	6.1	3.9	3.9	5.4	6.4
Guinea-Bissau	7.6	6.7	3.6	3.4	3.3	3.3	7.6	7.0	3.1	3.2	2.8	2.5
Guyana	12.1	10.3	8.3	8.7	9.7	9.3	12.1	9.2	6.1	4.2	4.3	3.9
Haiti	19.1	16.9	18.1	13.3	11.0	10.1	19.1	17.6	16.0	16.6	14.6	13.6
Honduras	16.1	16.3	16.6	16.6	16.5	16.5	16.1	14.6	16.4	16.4	17.3	17.2
Hong Kong	24.1	22.3	17.4	16.1	14.9	14.5	24.1	21.9	17.8	16.6	13.5	13.0
India	17.7	19.4	21.1	20.3	20.0	19.9	17.7	17.7	16.5	17.5	17.6	17.3
Indonesia	13.0	18.6	22.5	23.0	23.7	24.0	13.0	16.0	19.9	20.9	21.7	22.4
Iran (Islamic Republic of)	8.5	8.5	10.9	11.6	11.4	11.4	8.5	7.6	11.1	12.6	12.6	13.3
Iraq	4.5	7.2	4.4	...	...	...	4.5	6.6	6.9	...	...	...
Jamaica	16.1	17.5	16.8	16.2	14.8	14.1	16.1	19.3	16.8	16.5	19.0	17.9
Jordan	12.1	12.5	14.5	14.0	14.7	14.1	12.1	13.2	16.8	16.6	16.8	16.1
Kenya	12.9	12.6	13.1	13.3	13.6	13.7	12.9	12.1	11.9	12.4	11.3	10.4
Kuwait	5.2	6.9	7.6	...	...	...	6.2	6.6	11.2	...	...	...
Lebanon	12.2	10.5	9.5	9.6	9.2	8.7	12.2	12.6	12.3	12.6	13.0	13.3
Lesotho	6.3	10.1	11.8	12.9	14.5	14.5	6.3	10.3	12.0	13.0	14.6	14.5
Liberia	9.8	10.0	10.6	11.2	12.1	12.4	9.5	6.9	7.3	7.7	7.8	7.7
Libyan Arab Jamahiriya	1.9	4.5	5.3	5.3	6.7	6.3	1.9	4.5	6.1	6.1	9.0	9.9
Madagascar	11.5	8.2	7.7	7.9	7.8	7.8	11.5	10.2	11.1	10.9	10.9	11.0
Malawi	13.4	13.0	14.9	13.6	15.7	14.0	13.4	14.1	16.6	16.2	16.9	16.4
Malaysia	20.6	20.2	26.9	28.1	28.8	29.5	20.6	20.3	27.0	28.4	30.1	31.6
Maldives	4.4	6.1	6.3	6.4	6.5	6.7	4.4	5.5	5.7	6.0	6.1	6.2
Mali	4.4	7.9	7.6	7.8	8.3	8.2	4.4	7.6	6.4	6.8	6.6	9.0
Malta	36.6	31.9	29.4	29.4	29.3	29.2	36.6	33.2	29.8	29.0	28.5	27.9
Martinique	6.1	6.8	7.2	4.2	4.0	4.0	6.1	...	...	...	...	...
Mauritania	5.6	6.2	7.8	6.1	6.8	6.9	5.6	12.2	9.8	9.8	10.3	11.8
Mauritius	16.0	16.0	21.4	21.6	21.4	22.4	16.0	20.0	22.8	22.5	22.8	22.9
Mexico	21.9	21.1	22.6	22.6	22.5	22.2	21.9	23.2	22.5	22.0	21.0	19.9
Mongolia	25.0	27.3	26.6	26.1	14.2	23.4	25.0	...	...	...	...	...
Montserrat	5.7	5.9	5.4	5.4	5.3	5.5	5.7	5.7	5.8	6.8	...	...
Morocco	17.8	18.7	16.5	17.8	19.3	18.8	17.8	18.7	20.0	18.8	19.7	19.2
Myanmar	9.5	9.9	9.0	8.8	9.0	9.1	9.5	9.9	7.6	7.3	7.4	7.6
Namibia	3.9	4.5	5.1	4.8	4.8	4.8	3.9	3.9	4.9	4.4	4.5	4.6
Nepal	4.6	4.9	5.3	5.6	5.7	6.0	4.6	5.1	5.9	6.9	6.4	6.8
Netherlands Antilles	6.5	6.8	6.8	6.8	6.7	6.7	6.5	...	...	...	...	...
New Caledonia	5.8	4.7	4.4	4.4	4.4	4.3	5.8	4.7	6.4	6.4	6.2	6.3
Nicaragua	23.6	23.3	16.1	17.6	18.6	16.6	23.6	26.3	16.5	16.0	16.2	16.7

a/ Provisional.

TABLE 1.5
(continued)

SHARE OF MVA IN GDP, SELECTED YEARS

(Percentage)

Country group or country/area	At constant 1980 prices						At current prices					
	1980	1985	1990	1991	1992	1993 ^{a/}	1980	1985	1990	1991	1992	1993 ^{a/}
Niger	3.8	7.4	7.9	7.8	8.0	8.0	3.8	7.4	6.9	7.0	6.7	6.8
Nigeria	5.0	5.1	5.0	5.1	5.0	4.4	5.0	5.5	3.2	3.5	3.1	2.7
Oman	0.8	2.1	2.5	2.5	2.5	2.5	0.8	2.4	3.7	4.3	4.3	4.7
Pakistan	15.1	16.7	17.7	17.8	18.2	18.8	15.1	15.1	15.3	16.4	16.9	15.3
Panama	10.7	9.0	9.5	9.4	9.3	9.5	10.7	9.2	8.8	8.9	9.1	9.3
Papua New Guinea	9.6	10.1	8.0	8.6	8.4	8.1	9.6	11.1	9.1	9.7	9.6	8.9
Paraguay	15.5	15.5	15.3	15.1	14.8	14.8	15.5	15.7	17.8	17.5	17.5	17.7
Peru	20.4	18.3	18.7	19.1	18.3	18.4	20.4	24.5	27.2	28.3	25.4	25.7
Philippines	24.4	21.9	22.4	22.4	21.9	21.7	24.4	23.9	23.7	24.1	23.0	22.7
Puerto Rico	37.5	35.6	33.6	33.3	33.3	33.6	37.5	39.8	40.4	40.0	40.2	40.2
Qatar	3.3	5.7	6.4	6.1	6.1	6.1	3.3	7.8	12.7	13.2	11.4	11.5
Republic of Korea	29.6	32.9	35.2	35.3	35.2	35.0	29.6	30.2	28.8	28.1	27.2	25.5
Réunion	9.8	10.0	10.5	9.7	9.7	9.7	9.8	...	...	...	...	...
Rwanda	15.8	14.1	13.0	13.1	13.2	12.8	15.8	14.2	17.0	15.5	15.5	15.7
Saint Lucia	8.9	9.3	8.4	8.0	7.7	7.8	8.9	9.5	8.8	8.7	8.2	8.1
Samoa	17.0	17.5	17.5	18.2	17.1	17.1	17.0	...	...	...	...	...
Sao Tome and Principe	9.0	9.3	6.3	6.3	6.2	6.2	9.0	9.4	...	...	...	...
Saudi Arabia	5.0	11.8	11.5	11.0	11.5	11.9	5.0	7.5	6.9	7.1	6.9	7.7
Senegal	14.7	15.9	17.7	17.9	16.5	15.7	14.7	12.5	12.8	12.9	12.5	12.7
Seychelles	8.0	8.4	10.5	10.7	10.8	11.7	8.0	10.5	9.8	10.5	10.5	12.2
Sierra Leone	7.5	6.2	3.8	2.9	3.0	3.0	7.5	4.8	7.0	8.7	9.9	10.0
Singapore	28.0	21.7	25.9	25.5	25.5	25.5	28.0	22.7	25.4	25.2	25.9	25.5
Solomon Islands	3.5	2.9	3.0	2.9	2.9	2.9	3.5	3.4	2.5	2.8	2.7	2.5
Somalia	4.7	3.4	3.8	4.5	4.0	3.7	4.7	5.0	4.5	5.5	5.5	5.5
Sri Lanka	19.0	18.5	19.9	20.7	21.5	22.3	19.0	15.1	15.1	15.1	15.7	15.5
St. Kitts and Nevis	14.3	10.2	7.4	7.1	7.1	5.9	14.3	12.3	12.5	12.0	11.9	11.9
St. Vincent and the Grenadines	10.0	9.3	7.5	7.5	7.5	7.5	10.0	10.5	8.0	8.0	7.9	7.9
Sudan	9.1	9.9	10.3	10.9	10.5	10.5	9.1	8.3	8.8	9.3	9.0	9.4
Suriname	17.5	14.4	12.3	11.5	11.2	11.4	17.5	13.3	13.5	12.0	11.4	9.5
Swaziland	21.3	20.5	25.3	25.9	25.5	25.5	21.3	15.1	21.9	23.7	25.7	25.1
Syrian Arab Republic	3.5	4.3	3.0	3.1	3.3	2.8	3.5	7.7	5.3	6.3	4.3	5.1
Taiwan Province	35.2	37.7	34.9	34.7	33.5	32.5	35.2	37.5	34.5	34.5	33.0	31.5
Thailand	21.3	20.4	25.5	25.5	27.3	28.2	21.3	21.7	25.9	27.9	27.9	27.9
Togo	8.5	7.7	7.9	7.9	7.9	5.5	8.5	7.4	10.9	11.4	11.3	7.5
Tonga	5.0	3.9	4.5	3.9	3.8	4.0	5.0	7.9	10.3	9.0	9.1	8.7
Trinidad and Tobago	8.5	8.3	9.9	10.7	11.4	11.8	8.5	5.3	12.8	13.4	12.8	12.7
Tunisia	13.5	15.4	17.2	17.5	17.5	17.5	13.5	13.7	17.3	17.4	17.3	17.4
Turkey	22.5	25.9	28.1	28.5	28.5	29.4	22.5	24.1	29.0	29.3	28.5	28.5
Turks and Caicos Islands	1.4	1.3	1.3	1.3	1.3	1.3	1.4	...	...	...	...	...
Uganda	4.1	5.7	4.1	4.5	4.5	4.4	4.1	4.1	4.9	5.0	4.7	4.5
United Arab Emirates	3.7	9.1	8.0	8.1	8.1	8.1	3.7	9.1	7.5	7.5	7.5	8.2
United Republic of Tanzania	10.7	7.9	7.2	7.3	7.1	7.3	10.7	6.1	4.0	3.1	4.3	4.2
Uruguay	25.9	22.5	22.5	21.9	20.5	18.5	25.9	29.4	25.3	24.8	21.7	18.5
US Virgin Islands	5.0	5.5	5.4	5.5	5.5	5.2	5.0	...	...	...	...	...

a/ Provisional.

TABLE 1.5
(continued)
SHARE OF MVA IN GDP, SELECTED YEARS
(Percentage)

Country group or country/area	At constant 1980 prices						At current prices					
	1980	1985	1990	1991	1992	1993a/	1980	1985	1990	1991	1992	1993a/
Vanuatu	3.0	5.4	9.4	9.3	10.7	11.2	3.0	2.8	4.2	4.4	4.5	4.6
Venezuela	15.8	18.0	15.6	17.0	16.5	16.3	15.8	21.6	20.2	19.3	18.0	17.4
Yemen	6.0	9.4	7.4	7.7	8.1	8.1	6.6	11.9	9.0	10.7	10.6	10.9
Yugoslavia (former)	31.4	34.0	33.7	2.2	2.1	2.1	31.4	38.8	29.6	...	...	...
Zaire	3.0	2.5	2.3	2.2	2.1	2.1	3.0	1.6	1.4	1.4	1.2	1.0
Zambia	19.0	20.3	26.2	26.3	29.2	28.3	19.0	23.5	32.7	34.6	33.6	27.0
Zimbabwe	24.1	23.0	24.7	24.3	23.8	21.4	24.1	21.1	25.6	25.8	27.6	27.9
Low income	15.5	16.9	19.2	19.1	19.4	19.6	15.5	16.0	17.8	17.8	18.3	18.3
Middle income	16.2	18.4	21.0	21.3	21.3	21.5	16.2	17.9	22.6	23.1	22.7	22.6
High income	19.6	20.4	20.1	19.9	19.5	19.5	19.6	20.2	20.9	20.6	19.4	18.8
Africa	8.1	9.3	9.6	9.6	9.4	9.2	8.1	9.5	11.0	10.9	11.4	11.0
North Africa	8.8	10.8	11.4	11.4	11.2	11.2	8.8	11.1	11.5	11.1	12.0	11.9
Maghreb	11.1	12.5	12.9	12.9	12.5	12.5	11.1	11.9	12.4	13.1	13.6	13.4
Central Africa	6.7	8.4	9.0	9.0	9.0	9.0	6.7	7.8	9.7	10.1	10.1	9.4
CEPSU	5.4	5.0	4.9	5.0	5.2	5.3	5.4	5.8	8.4	7.6	8.0	6.6
UEAC	8.4	10.8	12.8	12.9	12.8	12.6	8.4	9.7	12.6	12.4	12.2	12.6
Western Africa (ECOWAS)	6.0	6.4	6.1	6.1	6.0	6.5	6.0	6.6	7.5	8.0	8.1	7.4
CEAD	10.1	11.1	11.4	11.5	11.4	11.4	10.1	11.6	13.1	13.6	13.6	13.6
MARIUN	5.7	5.5	5.1	4.9	5.0	5.1	5.7	5.6	6.7	7.3	8.1	8.1
Eastern and southern Africa	12.8	12.4	13.2	13.1	13.1	12.9	12.8	12.0	16.3	16.0	16.4	14.6
PTA	12.0	11.9	12.6	12.5	12.4	12.3	12.0	12.3	13.1	12.4	13.6	12.6
SADC	13.8	13.3	14.4	14.1	14.1	13.6	13.8	10.9	14.2	15.2	15.4	14.5
Latin America	24.4	22.8	22.4	21.8	21.5	21.6	24.4	25.3	22.9	22.2	21.0	20.2
LAIA	24.7	22.9	22.6	21.9	21.6	21.7	24.7	25.7	22.8	22.0	20.7	19.9
Andean Group	18.6	18.8	18.3	18.2	18.0	17.7	18.6	21.5	21.8	22.1	21.0	20.8
CADN	17.2	16.9	16.2	16.2	16.2	16.2	17.2	17.4	17.2	17.1	17.4	17.2
CARICOM	10.8	11.0	11.9	11.7	12.0	11.9	10.8	10.4	13.2	13.0	12.6	12.3
DECS	7.4	7.2	5.3	6.1	6.0	5.9	7.4	7.5	6.3	6.1	6.0	6.9
South and East Asia	18.6	20.1	23.1	23.1	23.1	23.2	18.6	18.3	22.4	22.6	22.4	22.7
ASEAN	16.5	19.6	23.9	24.5	25.0	25.6	16.5	19.4	24.1	25.0	25.2	25.7
Bangkok Agreement	20.3	22.8	25.6	25.5	25.3	25.3	20.3	20.9	22.5	22.3	22.0	21.8
West Asia and Europe	11.6	17.0	16.4	17.1	16.5	16.9	11.6	14.4	17.1	17.5	15.9	15.6
Least developed countries	8.6	8.5	8.4	8.4	8.6	8.6	8.6	8.7	8.5	8.9	8.8	8.5
African LDCs	8.3	8.2	8.3	8.3	8.5	8.6	8.3	8.2	9.8	9.8	10.0	9.0
NICs	25.8	25.2	25.8	25.1	24.7	24.6	25.8	25.5	24.5	24.0	23.0	22.1
Second-generation NICs	19.4	21.0	24.0	24.4	25.0	25.4	19.4	20.3	24.4	25.0	25.1	25.4
World	25.9	25.8	25.7	25.4	24.8	24.3	25.9

a/ Provisional.

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Section 1.2

THE MANUFACTURING BRANCHES

TABLE 1.6

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	Others	
				EC ^{b/}	Other							
Food products (311/2)	1980	81.7	27.8	28.1	3.3	7.4	14.7	2.4	18.3	8.4	8.9	100.0
	1985	80.9	28.4	28.3	3.2	6.0	14.8	2.3	18.1	9.6	9.6	100.0
	1990	80.4	27.3	26.1	3.1	6.6	14.9	2.4	19.6	9.3	9.8	100.0
	1993	77.5	18.6	29.7	3.4	7.1	15.8	2.9	22.8	11.1	11.4	100.0
Beverages (313)	1980	82.4	29.9	27.4	2.6	7.5	13.0	2.0	17.6	7.2	10.4	100.0
	1985	80.9	26.1	25.8	2.7	7.3	13.6	2.1	19.1	7.8	11.3	100.0
	1990	78.8	21.5	31.0	2.8	7.1	13.9	2.6	21.2	3.4	12.8	100.0
	1993	74.4	16.8	31.5	3.0	6.9	13.5	2.7	20.6	6.1	16.6	100.0
Tobacco (314)	1980	67.7	18.0	23.1	2.0	6.5	16.9	1.2	32.3	8.4	23.9	100.0
	1985	62.4	19.0	20.4	1.8	6.7	14.3	1.2	37.6	9.2	28.4	100.0
	1990	69.1	16.5	19.9	1.9	5.3	14.2	1.9	40.5	9.3	31.6	100.0
	1993	67.3	14.3	20.3	2.0	5.6	13.6	1.6	42.7	10.9	31.8	100.0
Textiles (321)	1980	78.0	32.1	23.1	2.0	7.4	11.8	1.6	21.0	13.2	8.8	100.0
	1985	76.6	32.9	21.6	1.9	7.1	11.6	1.6	23.4	13.4	10.0	100.0
	1990	74.9	31.5	21.2	1.8	6.4	12.6	1.4	25.1	14.0	11.1	100.0
	1993	70.3	22.0	23.9	1.7	6.1	15.2	1.4	29.7	16.4	13.3	100.0
Wearing apparel (322)	1980	84.9	29.5	27.3	2.8	4.6	18.7	2.0	15.1	9.4	5.7	100.0
	1985	83.3	32.1	24.8	2.5	4.5	17.2	2.2	16.7	10.9	6.2	100.0
	1990	81.4	33.1	22.2	1.8	4.1	18.2	2.0	18.6	11.6	7.9	100.0
	1993	78.8	25.8	24.5	1.6	4.4	20.2	2.3	21.2	11.9	7.3	100.0
Leather and fur products (323)	1980	82.2	29.5	31.4	2.4	4.7	13.6	1.6	17.8	11.1	6.7	100.0
	1985	80.2	29.3	33.9	2.3	4.2	8.5	1.9	19.8	13.0	6.8	100.0
	1990	78.9	28.0	33.4	2.3	4.4	9.0	1.8	21.1	13.0	8.1	100.0
	1993	76.5	18.9	38.5	2.4	4.7	9.9	2.1	23.6	13.2	10.3	100.0
Footwear (324)	1980	31.9	28.2	35.6	3.2	2.3	10.5	2.1	18.1	11.7	6.4	100.0
	1985	80.3	32.9	32.1	3.0	2.5	7.5	2.3	19.7	13.4	6.3	100.0
	1990	79.3	27.2	25.9	2.4	2.7	5.8	2.3	20.7	13.9	6.8	100.0
	1993	77.4	29.2	33.3	2.3	2.9	7.1	2.5	22.6	13.4	9.2	100.0
Wood and cork products (331)	1980	85.2	14.0	21.0	8.0	11.0	28.5	2.7	14.8	8.5	6.3	100.0
	1985	84.8	15.1	16.9	7.1	8.2	34.8	2.7	15.2	9.3	6.9	100.0
	1990	84.1	13.4	17.8	7.3	7.7	35.6	2.3	12.9	8.3	7.6	100.0
	1993	83.2	10.2	19.7	6.2	7.1	37.1	2.3	16.8	8.2	8.6	100.0

a/ At constant 1980 prices.

b/ In 1993 including estimates for the eastern part of Germany.

TABLE 1.6
(continued)

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	Others	
				EC b/	Other							
Paper (341)	1980	89.5	7.3	24.6	10.2	10.8	34.4	2.2	10.6	6.7	3.8	100.0
	1985	88.9	7.8	23.3	10.2	10.8	34.6	2.3	11.1	7.2	3.9	100.0
	1990	88.3	6.6	24.0	9.8	11.9	34.0	2.1	11.7	7.5	4.2	100.0
	1993	87.3	4.2	24.3	10.1	11.5	35.1	2.1	12.7	8.1	4.6	100.0
Industrial chemicals (351)	1980	88.6	25.4	31.5	3.1	6.7	20.1	1.6	11.4	7.2	4.2	100.0
	1985	86.2	25.4	30.4	3.4	6.0	19.4	1.6	13.8	8.2	5.6	100.0
	1990	83.6	20.7	29.5	3.8	6.7	21.3	1.6	15.4	10.0	6.4	100.0
	1993	80.7	11.7	32.6	4.0	6.8	23.9	1.7	19.3	12.3	7.0	100.0
Other chemicals (352)	1980	81.7	12.7	28.9	3.6	9.9	24.4	2.2	18.3	10.6	7.7	100.0
	1985	81.8	12.5	28.5	3.7	10.3	24.7	2.1	18.2	10.7	7.5	100.0
	1990	81.2	10.6	28.7	3.8	11.4	24.8	2.0	18.8	11.2	7.6	100.0
	1993	79.7	7.0	30.7	4.1	11.2	24.6	2.1	20.3	11.4	8.9	100.0
Petroleum refineries (353)	1980	70.8	16.3	26.2	1.7	5.4	19.6	1.4	29.2	6.9	22.3	100.0
	1985	64.5	17.2	20.2	1.9	4.6	18.7	1.9	35.5	7.5	28.0	100.0
	1990	69.9	14.3	18.8	1.9	4.6	18.5	1.9	40.1	8.1	32.0	100.0
	1993	68.1	8.6	21.6	1.9	5.1	18.6	2.1	41.9	8.9	33.0	100.0
Prods. of petroleum and coal (354)	1980	87.8	60.0	13.0	1.3	3.4	8.9	1.2	12.2	6.7	5.6	100.0
	1985	86.0	62.0	10.1	1.3	3.2	7.8	1.6	14.0	7.6	6.4	100.0
	1990	84.8	61.8	9.5	1.1	2.6	8.2	1.6	15.2	7.5	7.7	100.0
	1993	78.0	49.9	12.4	1.2	2.8	9.5	2.2	22.0	11.3	10.7	100.0
Rubber products (355)	1980	83.7	24.1	31.2	2.5	8.6	15.2	2.1	16.3	10.4	6.9	100.0
	1985	83.5	25.4	27.9	2.4	8.7	17.4	1.7	16.5	10.4	6.1	100.0
	1990	80.0	19.6	28.4	2.1	9.3	18.5	2.2	20.0	11.7	8.3	100.0
	1993	75.5	11.4	30.1	2.0	8.8	20.8	2.4	24.5	12.9	11.6	100.0
Plastic products (356)	1980	86.4	8.9	35.9	3.7	15.0	20.1	2.8	13.6	9.6	4.0	100.0
	1985	86.6	9.1	34.4	3.4	14.2	22.9	2.6	13.4	10.0	3.4	100.0
	1990	87.0	7.1	37.0	3.1	14.2	23.0	2.6	13.0	9.5	3.5	100.0
	1993	85.4	5.4	37.8	2.8	13.5	24.1	2.8	13.6	9.5	4.1	100.0
Pottery, china, earthenware (361)	1980	85.5	22.3	46.5	2.4	7.9	6.6	0.8	13.5	9.1	4.4	100.0
	1985	85.7	27.1	40.6	2.3	7.5	7.4	0.8	14.3	9.8	4.5	100.0
	1990	84.6	25.6	41.6	2.0	7.8	6.9	0.7	15.4	9.7	5.7	100.0
	1993	80.2	18.2	43.6	1.9	8.1	7.5	0.9	19.8	11.7	8.1	100.0

a/ At constant 1990 prices.

b/ In 1993 including estimates for the eastern part of Germany.

TABLE 1.6
(continued)

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	Others	
				EC b/	Other							
Glass (362)	1980	86.8	14.1	37.1	3.2	8.8	22.1	1.8	13.2	8.8	4.4	100.0
	1985	85.2	16.3	34.6	3.5	8.0	20.9	1.9	14.8	9.0	5.8	100.0
	1990	83.3	14.8	36.2	3.5	8.1	19.0	1.7	16.7	9.2	7.6	100.0
	1993	81.6	10.6	37.4	3.6	7.7	20.4	1.8	18.6	9.3	9.2	100.0
Other non-metallic mineral prods. (369)	1980	81.9	22.6	27.5	3.5	10.1	15.8	2.6	18.1	10.2	7.9	100.0
	1985	80.2	24.6	23.0	3.1	9.6	17.3	2.6	19.8	10.0	9.8	100.0
	1990	78.9	23.2	24.4	2.9	10.0	16.1	2.3	21.1	9.9	11.2	100.0
	1993	74.1	16.0	26.0	2.7	10.0	16.7	2.7	25.9	11.6	14.3	100.0
Iron and steel (371)	1980	89.1	16.5	28.2	2.4	19.0	20.2	2.8	10.9	8.3	2.6	100.0
	1985	87.3	18.3	26.6	2.8	19.5	17.3	2.8	12.7	9.2	3.5	100.0
	1990	85.0	16.6	25.3	2.7	19.8	17.6	3.1	15.0	10.8	4.2	100.0
	1993	81.4	11.1	26.2	2.9	19.4	19.6	3.3	16.6	13.0	6.6	100.0
Non-ferrous metals (372)	1980	90.2	21.1	20.2	3.7	14.6	27.2	3.4	9.8	4.5	5.3	100.0
	1985	88.6	22.1	18.8	3.8	13.8	26.9	3.4	11.2	4.6	6.8	100.0
	1990	88.5	19.3	19.6	4.0	15.8	25.0	3.7	11.5	5.0	6.5	100.0
	1993	86.6	13.1	20.4	4.2	16.9	27.8	4.2	13.4	5.8	7.6	100.0
Metal products (381)	1980	89.2	11.1	30.7	4.7	12.5	26.9	3.3	10.8	7.3	3.5	100.0
	1985	88.8	13.3	27.3	5.0	11.9	27.9	3.4	11.2	7.5	3.7	100.0
	1990	88.5	11.6	26.7	5.2	13.0	27.1	2.9	11.5	7.4	4.1	100.0
	1993	87.1	7.9	29.3	5.2	13.1	28.3	3.3	12.9	7.6	5.3	100.0
Non-electrical machinery (382)	1980	94.9	30.9	27.3	3.4	9.9	22.3	1.1	5.1	4.1	1.0	100.0
	1985	95.3	34.7	23.4	3.1	11.4	21.8	0.9	4.7	3.8	1.1	100.0
	1990	96.4	32.4	22.8	3.0	12.8	23.6	0.8	4.6	3.7	0.9	100.0
	1993	94.3	23.6	23.6	3.1	11.5	31.5	1.0	5.7	4.3	1.4	100.0
Electrical machinery (383)	1980	91.7	11.5	33.8	3.6	15.4	25.9	1.5	8.3	5.1	2.2	100.0
	1985	91.8	11.7	28.7	3.2	23.4	23.6	1.2	8.2	6.1	2.1	100.0
	1990	88.7	8.9	25.4	3.5	27.2	21.7	1.0	11.3	6.6	2.7	100.0
	1993	87.5	5.0	26.3	3.9	26.1	25.1	1.1	12.6	6.9	3.6	100.0
Transport equipment (384)	1980	91.8	13.7	35.2	2.6	11.9	26.6	1.8	8.2	5.9	2.3	100.0
	1985	92.1	15.2	31.6	2.4	11.3	30.0	1.6	7.9	6.7	2.2	100.0
	1990	91.6	13.0	34.6	2.2	11.4	28.7	1.4	8.2	6.7	2.6	100.0
	1993	89.2	8.1	33.9	2.1	12.0	31.5	1.6	10.8	6.7	4.1	100.0

a/ At constant 1980 prices.

b/ In 1993 including estimates for the eastern part of Germany.

TABLE 1.7

DISTRIBUTION OF VALUE ADDED OF SELECTED BRANCHES AMONG DEVELOPING REGIONS, 1985 AND 1992^{a/}

(Percentage)

Branch (ISIC)	Developing regions										Least developed countries	
	Africa		Latin America		South and East Asia		West Asia and Europe		All countries		1985	1992
	1985	1992	1985	1992	1985	1992	1985	1992	1985	1992		
Food products (311/2)	10.7	10.0	55.7	54.5	23.7	27.0	9.9	8.5	100.0	100.0	3.3	3.5
Beverages (313)	18.5	15.1b/	55.8	54.0b/	18.0	22.4b/	7.5	7.5b/	100.0	100.0	5.1	4.7b/
Tobacco (314)	13.5	14.2	45.3	42.5	28.5	31.9	12.7	11.3	100.0	100.0	5.1	4.7
Textiles (321)	11.3	10.8	30.5	28.4	42.7	47.8	15.4	13.0	100.0	100.0	3.3	3.5
Wearing apparel (322)	5.5	5.3	31.3	29.3	48.4	55.2	13.8	9.2	100.0	100.0	1.5	...
Leather and fur products (323)	7.5	7.0b/	42.7	38.9b/	35.5	44.5b/	13.1	9.3b/	100.0	100.0	3.1	...
Footwear (324)	10.3	10.4b/	47.7	47.9b/	22.8	29.0b/	19.2	12.7b/	100.0	100.0	1.9	...
Wood and cork products (331)	9.3	8.5b/	42.5	41.9b/	31.8	38.7b/	15.3	10.9b/	100.0	100.0	3.0	2.0b/
Paper (341)	5.1	5.1	54.4	51.3	25.5	31.5	14.0	12.0	100.0	100.0	1.1	1.2
Industrial chemicals (351)	3.1	2.2	42.5	32.7	31.4	44.0	23.0	21.1	100.0	100.0	1.3	1.4
Other chemicals (352)	8.0	5.7	53.1	43.9	29.8	42.7	9.1	5.7	100.0	100.0	1.7	1.5
Petroleum refineries (353)	5.3	5.9	28.0	25.7	29.9	33.7	35.5	34.7	100.0	100.0	1.0	...
Rubber products (355)	4.5	4.5	44.5	37.5	39.2	50.1	11.7	7.9	100.0	100.0	1.3	1.0
Pottery, china, earthenware (361)	5.3	5.2b/	49.7	45.0b/	30.5	35.7b/	14.2	13.1b/	100.0	100.0	2.4	1.9b/
Glass (362)	5.1	4.7	45.0	40.4	27.3	35.1	21.5	19.5	100.0	100.0	1.1	0.9
Other non-metallic mineral prods. (369)	7.8	7.9	38.3	33.7	34.5	43.5	19.4	14.5	100.0	100.0	2.7	2.5
Iron and steel (371)	3.9	2.9	45.2	39.9	33.9	43.0	17.0	14.2	100.0	100.0	0.8	0.5
Non-ferrous metals (372)	5.3	5.5	54.9	53.5	18.3	25.2	21.5	15.4	100.0	100.0	2.7	1.3
Metal products (381)	7.7	7.2b/	43.5	43.7b/	25.7	32.2b/	23.1	15.9b/	100.0	100.0	1.5	...
Non-electrical machinery (382)	2.4	1.8	49.5	40.7	29.9	45.2	15.1	11.3	100.0	100.0	0.4	0.4
Electrical machinery (383)	3.2	1.4	30.3	17.2	53.0	74.0	13.5	7.4	100.0	100.0	0.4	0.2
Transport equipment (384)	4.5	2.2	43.5	35.2	32.2	44.3	19.5	15.3	100.0	100.0	0.7	0.5

a/ At constant 1980 prices.

b/ Figure refers to 1991.

TABLE 1.8

LEADING PRODUCERS IN SELECTED BRANCHES, 1985 AND 1993

world leading countries				Leading developing countries			
1985		1993		1985		1993	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Food products (311/2)							
United States of America	18.5	United States of America	17.7	Brazil	13.7	Mexico	12.6
Japan	9.6	Germany, western part	9.6	Mexico	13.4	Brazil	12.6
France	9.3	France	9.1	Argentina	9.9	Argentina	11.6
Germany, western part	8.7	Japan	8.8	Philippines	4.2	Philippines	6.3
United Kingdom	4.9	United Kingdom	4.6	Cuba	4.1	India	4.4
Italy	4.0	Italy	3.9	India	4.1	Turkey	4.2
Brazil	3.7	Mexico	3.5	Turkey	3.4	Republic of Korea	3.4
Mexico	3.6	Brazil	3.5	Yugoslavia (former)	3.2	Taiwan Province	2.9
Argentina	2.6	Argentina	3.3	Taiwan Province	3.1	Colombia	2.9
Canada	2.3	Belgium	2.1	Colombia	3.0	Venezuela	2.4
Spain	2.0	Netherlands	2.0	Republic of Korea	2.4	Malaysia	2.3
Netherlands	2.0	Canada	1.9	Venezuela	2.3	Pakistan	2.2
Belgium	2.0	Spain	1.9	Pakistan	2.2	Indonesia	2.1
Australia	1.6	Australia	1.8	Chile	1.8	Chile	2.0
Switzerland	1.2	Philippines	1.5	Egypt	1.8	Cuba	1.8
Sum of above	75.9	Sum of above	75.3	Sum of above	72.6	Sum of above	72.6
Textiles (321)							
United States of America	15.6	United States of America	18.4	India	15.3	India	16.2
Japan	10.7	Italy	9.3	Brazil	9.6	Turkey	8.5
Italy	8.7	Japan	8.1	Turkey	8.0	Brazil	7.7
Germany, western part	6.0	India	7.2	Mexico	7.7	Argentina	7.0
India	5.3	Germany, western part	4.8	Republic of Korea	6.2	Republic of Korea	6.2
France	5.1	France	3.9	Taiwan Province	5.7	Mexico	6.0
United Kingdom	4.0	Turkey	3.4	Argentina	5.0	Taiwan Province	4.8
Brazil	3.3	Brazil	3.0	Yugoslavia (former)	5.0	Hong Kong	3.5
Spain	3.1	United Kingdom	2.8	Iran (Islamic Republic of)	4.4	Iran (Islamic Republic of)	3.1
Turkey	2.8	Argentina	2.7	Egypt	3.4	Indonesia	2.9
Mexico	2.7	Spain	2.7	Hong Kong	2.7	Pakistan	2.3
Republic of Korea	2.2	Republic of Korea	2.4	Pakistan	2.2	Egypt	2.1
Taiwan Province	2.0	Mexico	2.4	Colombia	1.8	Colombia	1.8
Argentina	1.7	Taiwan Province	1.9	Thailand	1.7	Morocco	1.6
Yugoslavia (former)	1.7	Canada	1.7	Peru	1.5	Thailand	1.6
Sum of above	74.9	Sum of above	74.8	Sum of above	80.0	Sum of above	77.8

a/ In world total value added (excluding eastern Europe and former USSR) at constant 1980 prices.

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

TABLE 1.8

LEADING PRODUCERS IN SELECTED BRANCHES, 1985 AND 1993

world leading countries				Leading developing countries			
1985		1993		1985		1993	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
wearing apparel (322)							
United States of America	23.6	United States of America	25.5	India	14.3	Hong Kong	13.7
Italy	10.9	Italy	10.2	Hong Kong	11.1	India	10.8
Germany, western part	6.8	Japan	6.0	Brazil	7.8	Argentina	7.7
Japan	6.7	United Kingdom	5.1	Mexico	7.5	Republic of Korea	6.3
France	6.3	Germany, western part	4.9	Republic of Korea	7.4	Mexico	6.2
United Kingdom	5.2	France	4.2	Yugoslavia (former)	7.4	Brazil	5.0
Spain	3.7	Hong Kong	4.0	Argentina	5.2	Philippines	2.7
India	3.5	India	3.2	Taiwan Province	3.3	Taiwan Province	1.8
Hong Kong	2.7	Spain	2.8	Algeria	2.2	Algeria	1.7
Brazil	1.9	Argentina	2.3	Philippines	1.8	Iran (Islamic Republic of)	1.7
Mexico	1.9	Canada	2.3	Iran (Islamic Republic of)	1.8	Malaysia	1.6
Republic of Korea	1.8	Republic of Korea	1.9	Iraq	1.2	Colombia	1.5
Yugoslavia (former)	1.8	Belgium	1.8	Venezuela	1.2	Morocco	1.1
Canada	1.8	Mexico	1.8	Colombia	1.1	Iraq	1.1
Australia	1.5	Brazil	1.5	Malaysia	0.9	Venezuela	0.9
Sum of above	80.1	Sum of above	77.4	Sum of above	74.0	Sum of above	64.0
Leather and fur products (323)							
Italy	14.3	Italy	14.3	Taiwan Province	14.4	Taiwan Province	13.0
Spain	12.8	United States of America	12.1	Mexico	12.1	Mexico	11.8
United States of America	11.0	Spain	11.4	Brazil	10.8	Argentina	8.4
Germany, western part	7.1	United Kingdom	7.1	Argentina	9.8	Brazil	8.2
Japan	6.0	Japan	6.1	Yugoslavia (former)	8.5	India	5.5
France	5.8	Germany, western part	5.4	Republic of Korea	4.6	Republic of Korea	4.5
United Kingdom	4.9	Taiwan Province	4.0	India	4.2	Sri Lanka	4.1
Taiwan Province	4.0	France	3.8	Algeria	2.8	Uruguay	2.3
Mexico	3.4	Mexico	3.6	Iran (Islamic Republic of)	2.6	Colombia	2.2
Brazil	3.0	Argentina	2.6	Uruguay	2.1	Iran (Islamic Republic of)	2.0
Argentina	2.8	Brazil	2.5	Colombia	1.3	Turkey	1.8
Yugoslavia (former)	2.4	India	1.7	Turkey	1.2	Algeria	1.4
Republic of Korea	1.3	Switzerland	1.7	Hong Kong	1.1	Morocco	1.2
Switzerland	1.3	Republic of Korea	1.4	Morocco	1.1	Hong Kong	1.2
Canada	1.2	Portugal	1.0	Venezuela	0.9	Chile	1.0
Sum of above	81.2	Sum of above	78.6	Sum of above	77.5	Sum of above	68.7

a/ In world total value added (excluding eastern Europe and former USSR) at constant 1980 prices.

b/ In total value added of developing countries at constant 1980 prices.

TABLE 1.8

LEADING PRODUCERS IN SELECTED BRANCHES, 1985 AND 1993

world leading countries				Leading developing countries			
1985		1993		1985		1993	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Footwear (324)							
Italy	17.0	Italy	18.1	Mexico	18.2	Mexico	19.1
France	11.3	France	10.7	Yugoslavia (former)	14.5	Brazil	10.9
United States of America	9.7	United States of America	9.1	Brazil	13.4	India	6.9
Germany, western part	6.4	Mexico	6.3	India	9.3	Republic of Korea	6.1
Mexico	5.4	United Kingdom	4.9	Republic of Korea	5.7	Argentina	4.7
United Kingdom	5.3	Japan	4.3	Cuba	3.4	Cuba	4.2
Yugoslavia (former)	4.3	Germany, western part	4.2	Argentina	3.3	Indonesia	3.8
Spain	4.2	Spain	3.9	Algeria	3.2	Venezuela	3.8
Brazil	3.9	Brazil	3.8	Taiwan Province	2.6	Chile	2.9
Japan	3.7	India	2.9	Chile	1.9	Taiwan Province	2.4
India	2.8	Republic of Korea	2.0	Venezuela	1.7	Turkey	1.7
Switzerland	2.1	Australia	1.6	Iraq	1.3	Algeria	1.6
Republic of Korea	1.7	Argentina	1.5	Morocco	1.3	Morocco	1.6
Australia	1.6	Portugal	1.5	Turkey	1.3	Iraq	1.5
Canada	1.5	South Africa	1.4	Indonesia	1.0	Iran (Islamic Republic of)	1.2
Sum of above	80.7	Sum of above	76.0	Sum of above	82.0	Sum of above	74.2
Paper (341)							
United States of America	31.4	United States of America	31.8	Brazil	17.8	Brazil	15.7
Japan	11.6	Japan	12.0	Mexico	13.4	Mexico	10.3
Germany, western part	6.8	Germany, western part	6.9	Argentina	6.4	Argentina	9.8
Canada	6.1	France	5.8	India	6.3	India	9.2
Sweden	5.7	Sweden	5.1	Turkey	6.2	Turkey	8.7
France	5.6	Canada	5.0	Yugoslavia (former)	6.0	Republic of Korea	7.0
United Kingdom	4.3	United Kingdom	4.2	Taiwan Province	5.2	Taiwan Province	5.7
Italy	2.9	Finland	2.6	Republic of Korea	4.6	Chile	4.0
Finland	2.7	Italy	2.6	Chile	3.4	Cuba	3.3
Spain	2.2	Spain	2.2	Venezuela	3.3	Hong Kong	3.2
Brazil	2.1	Brazil	2.1	Cuba	2.7	Colombia	2.7
Mexico	1.6	Mexico	1.4	Colombia	2.2	Venezuela	2.6
Netherlands	1.2	Argentina	1.3	Hong Kong	1.4	Indonesia	1.3
Austria	1.0	India	1.2	Iran (Islamic Republic of)	1.3	Iran (Islamic Republic of)	1.0
Argentina	1.0	Austria	1.2	Algeria	1.3	Thailand	0.9
Sum of above	86.4	Sum of above	85.8	Sum of above	85.4	Sum of above	85.5

a/ In world total value added (excluding eastern Europe and former USSR) at constant 1980 prices.

b/ In total value added of developing countries at constant 1980 prices.

TABLE 1.8

LEADING PRODUCERS IN SELECTED BRANCHES, 1985 AND 1993

World leading countries				Leading developing countries			
1985		1993		1985		1993	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Industrial chemicals (351)							
United States of America	24.2	United States of America	26.0	Brazil	13.8	Republic of Korea	17.8
Germany, western part	12.5	Germany, western part	10.2	Mexico	12.0	India	13.7
France	9.3	France	8.3	Turkey	10.8	Turkey	10.3
Japan	8.1	Japan	8.0	India	9.7	Mexico	9.6
United Kingdom	6.6	United Kingdom	6.9	Republic of Korea	8.4	Brazil	8.1
Italy	3.8	Republic of Korea	4.0	Argentina	6.6	Saudi Arabia	7.4
Netherlands	2.9	India	3.1	Saudi Arabia	6.1	Argentina	6.8
Belgium	2.6	Italy	2.9	Taiwan Province	4.8	Taiwan Province	6.6
Brazil	2.5	Belgium	2.6	Yugoslavia (former)	3.8	Pakistan	3.3
Mexico	2.2	Netherlands	2.4	Pakistan	3.6	Venezuela	2.1
Turkey	2.0	Turkey	2.3	Venezuela	1.6	Bangladesh	1.2
Spain	1.9	Mexico	2.2	Indonesia	1.2	Bahrain	1.1
Canada	1.9	Switzerland	2.1	Colombia	1.2	Philippines	1.0
India	1.8	Canada	1.9	Bahrain	1.2	Colombia	1.0
Switzerland	1.7	Brazil	1.8	Philippines	0.9	Indonesia	0.9
Sum of above	84.0	Sum of above	83.8	Sum of above	86.3	Sum of above	89.7
Other chemicals (362)							
United States of America	26.3	United States of America	24.9	Brazil	17.5	Brazil	11.4
Japan	11.8	Japan	12.0	Mexico	12.1	Republic of Korea	10.8
Germany, western part	8.9	Germany, western part	8.5	India	8.4	Mexico	10.6
France	7.0	France	7.6	Argentina	7.0	India	10.1
United Kingdom	6.8	United Kingdom	7.5	Republic of Korea	4.8	Argentina	6.3
Italy	4.0	Italy	3.5	Yugoslavia (former)	4.6	Taiwan Province	6.0
Brazil	3.8	Brazil	2.5	Taiwan Province	3.5	Turkey	3.6
Mexico	2.5	Republic of Korea	2.4	Turkey	2.9	Pakistan	3.6
Canada	1.9	Mexico	2.3	Pakistan	2.8	Indonesia	3.0
India	1.8	India	2.2	Thailand	2.5	Philippines	3.0
Spain	1.7	Switzerland	2.0	Venezuela	2.4	Thailand	2.8
Switzerland	1.7	Canada	1.6	Indonesia	2.2	Venezuela	2.8
Argentina	1.5	Sweden	1.3	Egypt	1.8	Malaysia	2.0
Netherlands	1.4	Spain	1.3	Iran (Islamic Republic of)	1.7	Chile	2.0
Sweden	1.2	Netherlands	1.2	Nigeria	1.6	Iran (Islamic Republic of)	1.8
Sum of above	82.1	Sum of above	81.0	Sum of above	76.5	Sum of above	77.5

a/ In world total value added (excluding eastern Europe and former USSR) at constant 1980 prices

b/ In total value added of developing countries at constant 1980 prices

TABLE 1.8

LEADING PRODUCERS IN SELECTED BRANCHES, 1985 AND 1993

World leading countries				Leading developing countries			
1985		1993		1985		1993	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Rubber products (355)							
United States of America	20.3	United States of America	22.0	Brazil	14.4	Malaysia	16.1
Japan	11.6	Japan	10.4	Mexico	12.9	Republic of Korea	11.7
Germany, western part	11.6	France	8.3	Republic of Korea	9.2	Brazil	11.4
France	9.1	Germany, western part	8.2	Argentina	9.1	Mexico	10.4
Italy	6.4	Italy	5.7	Malaysia	6.4	Argentina	6.2
United Kingdom	5.1	Malaysia	4.6	India	6.1	Turkey	5.4
Brazil	3.2	United Kingdom	4.4	Turkey	5.8	India	5.0
Canada	3.0	Republic of Korea	3.4	Taiwan Province	5.1	Indonesia	4.2
Mexico	2.8	Brazil	3.3	Yugoslavia (former)	4.9	Taiwan Province	4.0
Spain	2.3	Mexico	3.0	Indonesia	3.1	Iran (Islamic Republic of)	3.1
Republic of Korea	2.0	Canada	2.6	Venezuela	2.6	Venezuela	2.4
Argentina	2.0	Argentina	2.4	Iran (Islamic Republic of)	2.4	Thailand	2.2
Malaysia	1.4	Spain	2.1	Sri Lanka	1.9	Philippines	1.6
India	1.3	Turkey	1.6	Thailand	1.6	Sri Lanka	1.6
Turkey	1.3	India	1.4	Philippines	1.1	Pakistan	1.0
Sum of above	83.6	Sum of above	83.1	Sum of above	86.4	Sum of above	88.0
Iron and steel (371)							
Japan	23.8	Japan	22.0	Brazil	19.0	Republic of Korea	14.1
United States of America	19.4	United States of America	20.6	India	10.8	Brazil	13.6
Germany, western part	14.5	Germany, western part	11.3	Mexico	10.4	Turkey	12.0
France	5.7	France	4.7	Republic of Korea	9.4	India	11.2
Italy	4.8	Italy	4.7	Turkey	8.6	Argentina	10.4
United Kingdom	3.3	United Kingdom	3.1	Argentina	8.3	Mexico	9.2
Brazil	3.0	Republic of Korea	3.0	Yugoslavia (former)	8.0	Taiwan Province	6.3
Spain	1.9	Brazil	2.9	Taiwan Province	5.6	Venezuela	2.5
Australia	1.9	Turkey	2.6	Venezuela	2.8	Indonesia	2.4
Canada	1.7	Australia	2.4	Philippines	1.3	Philippines	1.5
India	1.7	India	2.4	Egypt	1.1	Malaysia	1.3
Mexico	1.6	Argentina	2.2	Zimbabwe	0.9	Chile	0.9
Republic of Korea	1.5	Mexico	2.0	Chile	0.9	Colombia	0.9
South Africa	1.3	Taiwan Province	1.8	Colombia	0.8	Egypt	0.9
Turkey	1.3	Spain	1.7	Peru	0.6	Zimbabwe	0.7
Sum of above	87.6	Sum of above	87.1	Sum of above	89.4	Sum of above	90.1

a/ in world total value added (excluding eastern Europe and former USSR) at constant 1980 prices
b/ in total value added of developing countries at constant 1980 prices.

TABLE 1.8

LEADING PRODUCERS IN SELECTED BRANCHES, 1985 AND 1993

World leading countries				Leading developing countries			
1985		1993		1985		1993	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Non-ferrous metals (372)							
United States of America	29.4	United States of America	26.3	Chile	14.9	Chile	15.0
Japan	17.8	Japan	19.6	Turkey	12.3	Turkey	10.7
Germany, western part	6.1	Canada	5.9	Brazil	10.2	Brazil	8.4
France	5.7	Germany, western part	5.6	Peru	9.0	Mexico	7.8
Canada	5.1	France	5.6	Yugoslavia (former)	8.1	Peru	7.3
United Kingdom	4.6	United Kingdom	3.9	Mexico	7.4	Republic of Korea	7.0
Italy	3.4	Italy	3.8	Argentina	4.6	Argentina	5.6
Australia	2.9	Australia	3.6	Venezuela	4.0	India	5.6
Chile	2.2	Chile	2.3	Republic of Korea	4.0	Taiwan Province	4.7
Turkey	1.8	Norway	2.0	India	3.8	Venezuela	3.7
Norway	1.7	Turkey	1.7	Cuba	3.6	Cuba	3.1
Spain	1.6	Brazil	1.3	Taiwan Province	2.8	Iran (Islamic Republic of)	2.7
Brazil	1.5	Spain	1.3	Egypt	2.2	Egypt	2.1
Peru	1.3	Mexico	1.2	Myanmar	1.8	Malaysia	1.1
Switzerland	1.2	Switzerland	1.1	Iran (Islamic Republic of)	1.6	Bahrain	0.9
Sum of above	85.1	Sum of above	85.2	Sum of above	90.0	Sum of above	85.9
Metal products (381)							
United States of America	29.6	United States of America	28.9	Brazil	14.9	Brazil	12.7
Japan	13.7	Japan	14.4	Yugoslavia (former)	12.4	Mexico	11.2
Germany, western part	9.8	Germany, western part	10.6	Argentina	11.8	Argentina	11.0
France	5.4	France	6.0	Mexico	9.2	Turkey	6.9
United Kingdom	5.2	United Kingdom	4.0	Turkey	6.4	Taiwan Province	6.1
Spain	3.6	Spain	3.6	Taiwan Province	4.7	Republic of Korea	6.7
Italy	2.8	Italy	2.7	Republic of Korea	4.5	Malaysia	6.6
Canada	2.6	Canada	2.2	India	4.6	India	4.2
Brazil	1.9	Netherlands	1.9	Hong Kong	4.0	Hong Kong	3.7
Sweden	1.9	Brazil	1.8	Iran (Islamic Republic of)	1.9	Indonesia	2.0
Netherlands	1.8	Austria	1.6	Malaysia	1.8	Chile	1.8
Yugoslavia (former)	1.6	Mexico	1.6	Venezuela	1.6	Iran (Islamic Republic of)	1.7
Australia	1.6	Argentina	1.6	Indonesia	1.2	Philippines	1.6
Argentina	1.5	Belgium	1.6	Chile	1.1	Trinidad and Tobago	1.6
Belgium	1.5	Sweden	1.6	Philippines	1.1	Venezuela	1.6
Sum of above	84.4	Sum of above	83.0	Sum of above	79.9	Sum of above	77.2

a/ In world total value added (excluding eastern Europe and former USSR) at constant 1980 prices.

b/ In total value added of developing countries at constant 1980 prices.

TABLE 1.8

LEADING PRODUCERS IN SELECTED BRANCHES, 1985 AND 1993

World leading countries				Leading developing countries			
1985		1993		1985		1993	
Country or area	Share a/ (percentage)	Country or area	Share a/ (percentage)	Country or area	Share b/ (percentage)	Country or area	Share b/ (percentage)
Non-electrical machinery (382)							
United States of America	32.0	United States of America	40.5	Brazil	23.9	Republic of Korea	18.7
Japan	17.5	Japan	16.3	Yugoslavia (former)	11.0	Brazil	16.1
Germany, western part	13.4	Germany, western part	11.0	Mexico	9.9	Mexico	11.3
France	7.4	France	5.8	India	9.7	India	10.9
United Kingdom	6.6	United Kingdom	5.7	Republic of Korea	9.3	Turkey	8.3
Italy	4.5	Italy	3.9	Argentina	7.5	Argentina	5.9
Brazil	1.7	Canada	1.5	Turkey	5.6	Taiwan Province	4.6
Sweden	1.5	Republic of Korea	1.4	Taiwan Province	2.9	Malaysia	3.7
Canada	1.4	Brazil	1.4	Iran (Islamic Republic of)	2.1	Singapore	2.0
Switzerland	1.3	Switzerland	1.3	Singapore	1.6	Iran (Islamic Republic of)	1.6
Belgium	1.0	Sweden	1.1	Malaysia	1.4	Hong Kong	0.6
Netherlands	1.0	Mexico	0.9	Hong Kong	1.0	Chile	0.8
Yugoslavia (former)	0.8	Netherlands	0.8	Egypt	0.9	Colombia	0.7
Spain	0.8	India	0.8	Philippines	0.7	Philippines	0.7
Austria	0.8	Austria	0.8	Pakistan	0.6	Egypt	0.6
Sum of above	91.7	Sum of above	92.1	Sum of above	88.1	Sum of above	88.6
Electrical machinery (383)							
Japan	26.5	Japan	27.8	Brazil	12.8	Republic of Korea	20.3
United States of America	25.5	United States of America	25.6	Taiwan Province	12.6	Taiwan Province	14.7
Germany, western part	13.6	Germany, western part	12.5	Republic of Korea	11.5	India	13.1
France	5.6	France	4.4	India	10.8	Malaysia	12.1
United Kingdom	5.4	Italy	2.8	Yugoslavia (former)	7.9	Brazil	7.2
Italy	3.3	United Kingdom	2.7	Mexico	7.4	Mexico	5.6
Netherlands	1.7	Republic of Korea	2.7	Turkey	4.8	Turkey	4.6
Spain	1.3	Taiwan Province	2.0	Malaysia	4.2	Hong Kong	3.8
Canada	1.3	India	1.7	Hong Kong	4.1	Singapore	3.6
Brazil	1.2	Malaysia	1.6	Argentina	3.7	Iran (Islamic Republic of)	2.4
Taiwan Province	1.2	Sweden	1.5	Singapore	3.4	Philippines	1.6
Sweden	1.1	Spain	1.4	Iran (Islamic Republic of)	2.6	Argentina	1.2
Republic of Korea	1.1	Netherlands	1.4	Egypt	1.4	Pakistan	0.7
Switzerland	1.0	Canada	1.2	Pakistan	1.3	Venezuela	0.6
India	1.0	Austria	1.0	Philippines	1.1	Indonesia	0.6
Sum of above	90.7	Sum of above	90.4	Sum of above	89.5	Sum of above	92.2

a/ In world total value added (excluding eastern Europe and former USSR) at constant 1980 prices.

b/ In total value added of developing countries at constant 1980 prices.

TABLE 1.9

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	Others	All countries
			EC b/	Other							
Food products (311/2)	1980	14.4	9.9	10.2	7.7	7.3	10.1	13.3	18.2	19.2	15.6
	1985	13.8	10.5	9.9	6.7	7.2	10.1	13.6	17.6	20.0	16.7
	1990	14.3	10.5	9.4	6.8	6.9	9.8	12.6	14.9	19.9	14.6
	1993c/	14.7	11.4	9.9	6.3	6.8	9.9	13.1	14.3	...	14.8
Beverages (313)	1980	3.4	2.3	1.7	1.8	1.4	2.3	2.3	4.4	6.2	3.3
	1985	2.6	2.4	1.7	1.4	1.3	2.0	2.2	4.1	4.8	3.1
	1990	2.2	2.5	1.7	1.2	1.3	1.9	2.1	4.0	6.0	3.1
	1993c/	2.8	2.5	1.8	1.3	1.2	2.0	2.2	4.2	...	3.3
Tobacco (314)	1980	0.8	0.7	0.5	0.6	0.7	0.7	1.0	4.1	4.3	2.2
	1985	0.8	0.7	0.5	0.4	0.6	0.6	1.1	4.3	6.0	2.5
	1990	0.6	0.6	0.4	0.3	0.5	0.6	0.9	3.8	4.5	2.2
	1993c/	0.9	0.6	0.4	0.4	0.4	0.6	0.9	2.0	...	2.1
Textiles (321)	1980	8.7	4.5	3.2	4.1	3.1	6.0	9.8	9.9	10.2	9.9
	1985	7.7	4.3	2.7	3.3	2.7	4.8	9.0	10.0	9.6	9.3
	1990	7.3	3.8	2.3	2.5	2.6	4.0	8.0	9.2	8.7	8.4
	1993c/	7.1	3.8	2.0	2.2	2.7	3.7	8.0	8.2	...	8.1
Wearing apparel (322)	1980	4.3	2.9	2.4	1.4	2.6	3.0	3.8	3.4	2.9	3.6
	1985	4.1	2.7	2.0	1.2	2.2	2.7	4.0	2.8	2.6	3.5
	1990	4.2	2.1	1.3	0.9	2.0	2.4	3.6	3.1	2.4	3.2
	1993c/	4.3	2.0	1.0	0.8	1.8	2.1	3.1	3.2	...	2.9
Leather and fur products (323)	1980	0.7	0.6	0.3	0.2	0.2	0.5	0.7	0.3	0.6	0.7
	1985	0.6	0.6	0.3	0.2	0.2	0.4	0.8	0.3	0.7	0.7
	1990	0.6	0.5	0.3	0.1	0.2	0.4	0.6	0.3	0.6	0.6
	1993c/	0.5	0.5	0.2	0.1	0.1	0.3	0.5	0.3	...	0.5
Footwear (324)	1980	1.1	1.0	0.7	0.2	0.4	0.8	1.3	0.5	1.4	1.2
	1985	1.1	0.9	0.6	0.2	0.3	0.7	1.3	0.5	1.1	1.1
	1990	1.1	0.7	0.4	0.1	0.1	0.5	1.0	0.4	0.9	0.9
	1993c/	1.1	0.6	0.3	0.1	0.1	0.5	0.8	0.4	...	0.7
Wood and cork products (331)	1980	1.5	1.6	6.0	2.4	2.9	2.2	2.5	3.7	2.1	2.6
	1985	1.4	1.4	4.3	1.6	3.3	2.1	2.6	2.7	1.9	2.4
	1990	1.4	1.4	4.4	1.3	3.3	2.0	2.1	3.6	1.9	2.3
	1993c/	1.6	1.5	4.0	1.3	3.2	2.1	2.0	3.6	...	2.2

a/ Percentage shares of individual branches in total MVA at constant 1980 prices.

b/ In 1993 including estimates for the eastern part of Germany.

c/ 1992 for developing countries.

TABLE 1.9
(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 LDCs	Others	All countries
			EC b/	Other							
Furniture, fixtures excl. metallic (332)	1980	1.2	2.4	3.1	1.0	2.0	1.9	1.5	0.7	1.1	1.3
	1985	1.2	2.0	2.7	0.7	2.3	1.7	1.5	0.6	1.0	1.2
	1990	1.3	2.1	3.0	0.6	2.3	1.6	1.2	0.7	1.0	1.1
	1993c/	1.5	2.2	3.0	0.6	2.2	1.9	1.2	0.7	...	1.1
Paper (341)	1980	1.0	2.4	7.9	2.9	4.4	2.8	2.5	1.8	2.3	2.2
	1985	1.0	2.5	8.2	2.7	4.4	2.9	2.6	2.0	2.1	2.4
	1990	0.9	2.7	8.2	2.9	3.4	3.0	2.6	2.0	2.2	2.4
	1993c/	1.0	2.8	8.8	1.1	4.6	3.3	2.8	2.0	...	2.6
Printing and publishing (342)	1980	0.7	3.6	5.8	4.6	5.7	3.7	3.1	1.8	2.1	2.7
	1985	0.7	3.5	6.6	4.0	6.2	3.7	3.1	1.6	2.0	2.6
	1990	0.8	3.9	6.8	3.6	6.7	4.0	3.2	1.7	2.1	2.7
	1993c/	0.8	3.9	6.5	4.4	5.0	4.1	3.2	1.4	...	2.7
Industrial chemicals (351)	1980	5.5	5.0	4.0	3.0	4.2	4.6	4.3	3.7	3.3	4.0
	1985	5.5	5.6	4.1	2.6	4.2	4.7	5.1	5.2	4.6	5.0
	1990	4.9	5.3	5.1	2.8	4.4	4.6	5.8	5.0	4.9	5.1
	1993c/	4.3	6.8	5.4	2.8	4.8	4.8	6.4	4.4	...	6.7
Other chemicals (352)	1980	2.1	3.5	3.5	3.3	3.8	3.2	4.8	4.3	4.5	4.7
	1985	2.0	4.0	3.8	3.4	4.0	3.4	5.0	4.2	4.6	4.7
	1990	2.0	4.2	4.2	3.6	4.2	3.6	5.2	4.1	4.7	4.9
	1993c/	2.2	4.7	4.8	4.0	4.2	4.0	6.3	4.4	...	6.1
Petroleum refineries (353)	1980	2.1	2.7	1.3	1.4	2.4	2.3	2.4	10.6	12.2	5.9
	1985	1.8	1.9	1.3	1.0	2.0	1.8	2.3	9.6	12.9	6.0
	1990	1.7	1.7	1.3	0.9	1.5	1.6	2.4	6.6	16.4	6.3
	1993c/	1.7	2.0	1.4	1.1	1.9	1.6	2.5	8.2	...	6.3
Prods. of petroleum and coal (354)	1980	2.0	0.3	0.3	0.2	0.2	0.7	0.6	1.1	0.5	0.7
	1985	1.9	0.3	0.3	0.2	0.2	0.7	0.7	1.0	0.6	0.7
	1990	2.1	0.2	0.2	0.1	0.2	0.7	0.6	1.0	0.6	0.7
	1993c/	2.2	0.3	0.2	0.1	0.2	0.6	0.7	0.9	...	0.8
Rubber products (355)	1980	1.5	1.4	0.9	1.1	0.9	1.3	1.5	2.4	1.2	1.7
	1985	1.5	1.4	0.9	1.0	1.0	1.2	1.7	2.2	1.2	1.7
	1990	1.2	1.3	0.8	1.0	1.0	1.1	1.8	2.5	1.3	1.8
	1993c/	1.1	1.3	0.7	0.9	1.0	1.1	1.8	2.8	...	1.9

a/ Percentage shares of individual branches in total MVA at constant 1980 prices.
b/ In 1993 including estimates for the eastern part of Germany.
c/ 1992 for developing countries

TABLE 1.9
(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	Others	All countries
			EC b/	Other							
Plastic products (356)	1980	0.7	2.2	1.8	2.6	1.6	1.7	2.2	1.0	1.6	1.9
	1985	0.8	2.5	1.8	2.4	1.9	1.9	2.4	0.8	1.4	2.0
	1990	0.7	2.9	1.8	2.4	2.1	2.0	2.4	0.8	1.5	1.9
	1993c/	0.9	2.9	1.7	2.6	2.1	2.2	2.3	0.9	...	1.9
Pottery, china, earthenware (361)	1980	0.6	0.9	0.3	0.4	0.2	0.5	0.6	0.5	0.4	0.6
	1985	0.6	0.7	0.3	0.3	0.2	0.5	0.6	0.4	0.3	0.5
	1990	0.6	0.7	0.3	0.3	0.1	0.5	0.6	0.5	0.4	0.5
	1993c/	0.6	0.7	0.2	0.3	0.1	0.4	0.6	0.5	...	0.5
Glass (362)	1980	0.6	1.1	0.8	0.7	0.9	0.8	1.0	0.9	0.7	0.9
	1985	0.6	1.1	0.8	0.6	0.7	0.8	0.9	1.2	0.7	0.9
	1990	0.6	1.1	0.9	0.5	0.7	0.8	0.9	1.3	0.8	1.0
	1993c/	0.6	1.1	0.8	0.5	0.7	0.7	0.8	1.4	...	0.9
Other non-metallic mineral prods. (369)	1980	3.4	3.0	3.1	3.1	2.3	3.0	4.2	4.6	4.7	4.4
	1985	3.2	2.5	2.6	2.6	2.2	2.6	3.7	4.6	4.7	4.1
	1990	3.2	2.6	2.4	2.3	2.0	2.6	3.4	4.7	5.0	4.0
	1993c/	3.2	2.6	2.1	2.3	1.8	2.4	3.5	5.1	...	4.1
Iron and steel (371)	1980	4.4	5.5	3.8	10.3	5.2	5.7	5.1	3.5	2.9	5.0
	1985	4.1	5.0	4.0	8.7	3.9	5.0	5.0	4.1	2.9	4.9
	1990	3.8	4.4	3.5	7.6	3.6	4.6	5.1	4.6	2.6	5.1
	1993c/	3.7	4.1	3.7	7.4	3.5	4.4	5.1	4.6	...	5.1
Non-ferrous metals (372)	1980	2.1	1.5	2.1	2.9	2.6	2.1	1.2	1.1	2.9	1.6
	1985	2.0	1.4	2.1	2.5	2.4	2.0	1.2	1.5	3.0	1.7
	1990	1.9	1.4	2.2	2.5	2.2	2.0	1.2	1.3	2.9	1.6
	1993c/	1.8	1.4	2.1	2.7	2.1	2.0	1.1	1.0	...	1.6
Metal products (381)	1980	3.0	5.1	7.4	5.9	7.0	5.8	5.5	3.6	3.6	4.8
	1985	3.1	5.5	7.5	5.6	6.6	5.4	5.1	3.6	3.2	4.4
	1990	3.0	5.6	7.7	5.6	6.2	5.3	4.7	3.6	3.0	4.2
	1993c/	3.0	5.3	7.1	5.5	5.7	5.2	4.3	3.7	...	3.9
Non-electrical machinery (382)	1980	18.8	12.1	11.8	12.2	12.9	13.8	5.9	2.6	2.2	5.2
	1985	20.9	12.1	12.0	13.9	13.2	14.7	5.3	2.9	2.5	4.9
	1990	23.0	12.3	12.1	15.1	14.8	15.7	6.4	2.7	1.8	4.7
	1993c/	22.9	11.2	11.1	12.5	10.6	14.8	5.0	3.2	...	4.5

a/ Percentage shares of individual branches in total MVA at constant 1980 prices.

b/ In 1993 including estimates for the eastern part of Germany.

c/ 1992 for developing countries

TABLE 1.9
(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	Others	All countries
			EC b/	Other							
Electrical machinery (383)	1980	4.5	9.5	8.1	12.0	9.5	8.6	6.6	4.2	2.5	6.2
	1985	3.1	10.7	9.0	20.5	10.3	10.2	7.7	5.1	2.7	6.1
	1990	4.7	10.6	10.5	23.7	10.1	10.9	11.1	7.6	2.6	8.6
	1993c/	4.1	10.7	12.1	24.7	11.4	11.6	11.2	6.6	...	8.8
Transport equipment (384)	1980	5.7	10.6	6.2	10.0	10.6	9.1	6.8	4.6	3.6	5.7
	1985	6.1	10.7	7.2	9.0	11.9	9.4	6.5	5.4	2.4	5.4
	1990	6.8	11.8	7.6	8.8	11.4	9.6	6.2	6.3	1.6	5.3
	1993c/	5.3	10.7	5.1	8.8	11.1	9.3	6.3	7.6	...	5.6
Prof., scient. equipment (385)	1980	2.6	1.5	2.6	1.8	3.4	2.3	0.8	0.5	0.2	0.6
	1985	3.1	1.6	2.2	2.2	3.2	2.6	0.8	0.5	0.2	0.6
	1990	3.0	1.6	2.5	2.2	3.3	2.6	1.1	0.5	0.2	0.7
	1993c/	2.8	1.7	2.8	1.8	2.8	2.3	1.0	0.6	...	0.7
Other manufactures (390)	1980	2.6	1.4	1.2	1.4	1.6	1.7	2.5	1.1	1.3	2.0
	1985	2.7	1.5	1.0	1.2	1.4	1.7	2.3	1.1	1.6	1.9
	1990	3.1	1.5	0.8	1.8	1.5	1.8	2.2	1.0	1.1	1.8
	1993c/	3.2	1.7	0.8	1.5	1.4	1.7	2.3	1.0	...	1.8
Total manufacturing (3)	1980	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1985	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1990	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	1993c/	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

a/ Percentage share of individual branches in total MVA at constant 1980 prices.

b/ In 1993 including estimates for the eastern part of Germany.

c/ 1992 for developing countries.

TABLE 1.10

ANNUAL GROWTH OF VALUE ADDED OF BRANCHES, SELECTED COUNTRY GROUPS, 1980-1990 AND 1990-1993^{a/}

(Percentage)

Branch (ISIC)	Industrialized countries excluding eastern Europe and former USSR		Eastern Europe and former USSR		Developing countries							
					All countries		NICs		Second-generation NICs		Others	
	1980-1990	1990-1993	1980-1990	1990-1993	1980-1990	1990-1993	1980-1990	1990-1993	1980-1990	1990-1993	1980-1990	1990-1993
Food products (311/2)	2.0	-1.1	2.3	...	2.6	2.9	2.5	2.4	3.6	4.9	2.5	3.9b/
Beverages (313)	2.0	-0.6	-2.3	...	2.9	6.0	2.5	2.1	4.6	9.4	2.6	...
Tobacco (314)	-0.6	-0.9	0.8	...	2.8	0.3	1.9	4.0	4.4	-2.4	2.4	-2.2c/
Textiles (321)	0.4	-2.3	1.2	...	2.3	1.2	1.9	1.0	5.6	0.9	1.1	1.3c/
Wearing apparel (322)	-0.3	-3.7	2.0	...	3.1	-1.5	3.3	-5.0	6.6	7.1	...	...
Leather and fur products (323)	-0.5	-4.9	0.4	...	2.0	-3.0	2.4	-5.9	5.9	3.8	...	...
Footwear (324)	-3.3	-4.1	2.9	...	1.0	-4.3	1.7	-6.0	2.1	9.4	-1.1	...
Wood and cork products (331)	2.6	-0.4	2.3	...	2.8	...	2.0	...	5.8	6.5	1.4	...
Furniture, fixtures excl. metallic (332)	2.2	-0.5	3.8	...	1.5	...	0.9	...	6.7	4.7	...	...
Paper (341)	3.4	1.1	2.9	...	4.5	3.5	4.7	3.3	7.2	6.7	2.4	...
Printing and publishing (342)	3.8	-2.1	3.7	...	3.8	...	4.2	1.8	3.8	...	2.3	...
Industrial chemicals (351)	3.3	1.4	2.0	...	6.8	5.4	6.7	6.8	9.2	0.4	5.6	...
Other chemicals (352)	4.1	2.1	2.7	...	4.0	4.1	4.5	2.0	6.2	10.4	...	...
Petroleum refineries (353)	-0.2	2.0	1.1	...	5.0	2.9	2.9	4.1	4.2	2.8	6.3	2.4
Prods. of petroleum and coal (354)	0.6	-0.0	2.5	...	4.3	...	3.6	8.2	4.5	...	...	...
Rubber products (355)	2.7	-1.6	1.6	...	4.7	4.9	4.2	1.4	7.4	11.7	3.3	5.0c/
Plastic products (356)	5.1	0.1	3.9	...	4.9	1.1	5.7	-0.3	4.3	7.2	...	...
Pottery, china, earthenware (361)	0.8	-4.1	3.4	...	3.2	4.5	2.4	2.2	7.7	11.3	...	...
Glass (362)	1.4	-0.6	3.3	...	4.3	2.5	2.9	-0.9	9.3	7.5	4.2	5.9b/
Other non-metallic mineral prods. (369)	1.3	-2.3	2.3	...	3.1	3.8	1.7	2.0	6.7	9.9	3.7	1.2b/
Iron and steel (371)	0.6	-2.7	1.5	...	4.7	4.3	4.1	3.2	10.4	9.0	3.0	...
Non-ferrous metals (372)	2.4	-1.4	1.9	...	3.7	1.8	4.0	1.4	6.4	-1.9	2.8	3.3
Metal products (381)	1.7	-2.6	3.6	...	2.8	0.8	2.8	-2.2	5.4	7.8	...	...
Non-electrical machinery (382)	3.8	-2.0	5.0	...	3.6	1.6	4.1	-0.5	4.6	13.8	...	...
Electrical machinery (383)	5.5	0.3	6.0	...	9.6	3.4	10.1	1.5	12.5	11.3	...	...
Transport equipment (384)	3.3	-2.5	3.6	...	3.1	6.2	3.4	2.4	7.7	16.7	...	...
Prof., scient. equipment (385)	3.3	-3.7	5.3	...	...	...	7.2	-0.3	...	...	...	...
Other manufactures (390)	2.2	-0.5	4.8	...	...	...	3.4	2.8	...	...	...	...

a/ At constant 1980 prices.

b/ Figure refers to the period 1990-1992.

c/ Figure refers to the period 1990-1991.

TABLE 1.11

SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Australia		Austria		Bahrain		Canada		Chile	
	1985	1990	1985	1993	1985	1992	1985	1991	1985	1992
Food products (311/2)	30.4	32.9	40.2	39.2	...	3.5	32.1	32.3	22.4	28.1
Beverages (313)	18.6	20.3	19.2	20.5	...	2.7	12.9	13.6	8.7	8.2
Tobacco (314)	41.1	38.3	40.0	36.9	...	...	42.9	40.0	10.2	9.6
Textiles (321)	48.4	46.5	59.4	54.0	...	...	43.8	43.6	27.2	31.4
Wearing apparel (322)	63.6	77.1	89.0	86.9	...	34.9	76.2	76.2	61.9	62.7
Leather and fur products (323)	33.0	31.3	67.7	69.4	...	-	48.4	40.0	7.2	8.1
Footwear (324)	61.9	64.4	69.2	66.1	...	4.3	66.8	66.7	36.8	36.3
Wood and cork products (331)	12.9	13.0	16.8	16.6	...	26.7	8.0	7.7	2.4	4.8
Furniture, fixtures excl. metallic (332)	19.8	21.1	18.3	20.4	...	0.7	21.2	23.6	9.2	9.4
Paper (341)	18.3	17.6	22.3	19.2	...	1.2	13.3	12.8	6.7	6.3
Printing and publishing (342)	33.9	38.1	36.7	34.7	...	6.8	38.6	41.0	13.7	16.6
Industrial chemicals (351)	11.6	14.2	17.2	17.7	...	5.3	16.9	16.6	9.3	10.6
Other chemicals (352)	36.4	36.7	42.0	39.6	...	-	34.1	37.9	34.3	31.2
Petroleum refineries (353)	4.2	7.5	20.6	19.5	...	6.5	16.8	21.4	6.0	7.1
Prods. of petroleum and coal (354)	8.2	5.6	9.1	14.7	...	...	-	-	8.0	7.6
Rubber products (355)	17.1	14.7	25.3	20.1	...	...	16.0	17.4	14.0	6.9
Plastic products (356)	33.7	30.5	38.1	32.0	...	6.4	36.4	36.0	14.1	17.6
Pottery, china, earthenware (361)	31.3	32.0	48.3	44.7	...	-	-	-	9.0	16.8
Glass (362)	10.8	14.3	37.1	33.0	...	...	23.1	16.2	6.7	4.2
Other non-metallic mineral prods. (369)	8.8	9.2	12.3	12.4	...	0.6	8.2	7.9	4.8	4.7
Iron and steel (371)	7.4	7.6	11.6	10.1	...	6.4	6.6	6.9	6.1	3.0
Non-ferrous metals (372)	8.0	7.5	16.6	19.0	...	2.4	8.7	9.8	2.0	2.4
Metal products (381)	17.7	16.9	22.2	19.8	...	0.7	16.7	14.6	7.2	7.0
Non-electrical machinery (382)	16.2	16.6	13.9	12.9	...	...	16.6	16.9	1.7	4.6
Electrical machinery (383)	35.1	30.8	36.1	31.9	...	2.1	36.8	35.1	13.0	13.6
Transport equipment (384)	10.2	13.6	16.6	14.6	...	1.8	13.6	14.4	4.6	6.8
Prof., scient. equipment (385)	45.5	42.5	60.7	48.2	...	7.4	41.7	36.8	20.3	22.8
Other manufactures (390)	34.2	31.7	37.3	36.7	...	-	39.0	36.6	34.0	31.3
Total manufacturing (3)	26.1	26.6	31.3	27.8	...	11.2	26.4	26.3	18.0	20.8

TABLE 1.11

SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (SIC)	Colombia		Cyprus		Czech Republic		Denmark		Gambia	
	1987	1991	1985	1993	1985	1993	1985	1992	1985	1993
Food products (311/2)	25.2	26.4	43.0	43.6	...	53.3	33.2	43.8	...	43.8
Beverages (313)	15.3	14.1	29.0	28.7	...	43.6	22.9	24.9	...	3.8
Tobacco (314)	23.7	24.3	54.0	36.3	...	50.0	63.9	64.6	...	...
Textiles (321)	35.5	35.5	76.0	75.7	...	69.0	55.2	59.8	...	5.9
Wearing apparel (322)	81.1	80.2	86.0	92.1	...	87.9	87.0	93.9	...	6.7
Leather and fur products (323)	36.5	48.5	63.0	71.0	...	75.0	50.7	54.2	...	9.5
Footwear (324)	47.9	50.6	60.0	62.0	...	70.4	60.1	48.9	...	...
Wood and cork products (331)	14.9	17.0	6.0	7.3	...	33.3	13.9	19.3	...	2.9
Furniture, fixtures excl. metallic (332)	20.4	22.1	11.0	24.6	...	46.2	21.5	27.0	...	0.0
Paper (341)	19.0	20.1	41.0	41.2	...	45.5	24.7	27.5	...	...
Printing and publishing (342)	32.8	36.4	33.0	40.8	...	66.3	30.5	38.0	...	25.1
Industrial chemicals (351)	11.9	13.2	19.8	24.2	...	33.3	26.2	30.5	...	...
Other chemicals (352)	42.1	42.6	42.0	46.4	...	57.1	41.7	48.5	...	...
Petroleum refineries (353)	5.8	11.2	6.0	6.6	...	36.7	8.5	11.7	...	...
Prods. of petroleum and coal (354)	13.0	12.2	...	...	...	...	12.6	11.8	...	11.1
Rubber products (355)	13.6	13.7	29.2	28.4	...	33.3	22.2	26.3	...	6.7
Plastic products (356)	35.6	34.3	32.0	30.9	...	50.0	40.7	40.2	...	13.5
Pottery, china, earthenware (361)	25.6	21.1	40.7	71.7	...	63.6	49.1	75.9	...	...
Glass (362)	12.0	14.2	7.7	25.8	...	45.2	26.5	29.7	...	...
Other non-metallic mineral prods (369)	8.3	9.6	12.0	13.1	...	27.0	12.2	18.9	...	6.5
Iron and steel (371)	9.5	9.2	...	...	...	25.5	12.5	15.1	...	...
Non-ferrous metals (372)	12.7	13.0	...	...	...	33.3	17.6	20.1	...	...
Metal products (381)	17.2	18.0	12.0	14.8	...	32.9	20.2	21.6	...	0.0
Non-electrical machinery (382)	13.5	14.1	7.0	13.5	...	26.3	18.4	21.0	...	11.1
Electrical machinery (383)	30.6	30.6	43.1	37.6	...	44.6	38.0	37.9	...	...
Transport equipment (384)	11.1	13.7	15.1	16.7	...	33.3	8.9	12.3	...	22.2
Prof., scient. equipment (385)	41.9	47.2	...	70.0	...	43.6	41.3	44.3	...	...
Other manufactures (390)	44.2	40.4	29.0	28.8	...	47.7	47.1	61.3	...	...
Total manufacturing (3)	30.5	31.7	45.5	46.9	...	42.1	25.2	33.7	...	26.3

TABLE 1.11

SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Germany, western part		Ghana		Hungary		Iran (Islamic Rep. of)		Ireland	
	1985	1990	1985	1993	1985	1993	1985	1991	1988	1991
Food products (311/2)	45.1	48.4	...	8.7	41.1	41.0	...	5.3	23.9	24.8
Beverages (313)	16.8	17.3	...	10.9	42.3	35.9	...	2.4	15.4	15.1
Tobacco (314)	44.0	32.2	...	6.7	60.0	66.7	...	15.6	43.8	38.5
Textiles (321)	49.3	46.9	...	2.1	65.4	65.3	...	5.8	44.8	47.4
Wearing apparel (322)	82.3	84.5	...	...	88.1	79.7	...	40.2	83.3	81.3
Leather and fur products (323)	52.9	57.4	...	...	58.3	55.6	...	3.1	33.3	33.3
Footwear (324)	56.6	52.5	...	...	65.7	68.2	...	5.9	45.5	42.9
Wood and cork products (331)	16.9	18.3	...	3.4	33.3	27.8	...	2.3	10.0	13.0
Furniture, fixtures excl. metallic (332)	22.7	22.6	...	3.6	31.0	30.0	...	2.0	9.4	9.7
Paper (341)	30.0	28.8	...	8.5	40.0	45.5	...	2.6	27.3	26.0
Printing and publishing (342)	25.8	27.2	...	29.3	52.6	50.0	...	6.6	26.9	29.1
Industrial chemicals (351)	17.5	17.5	...	6.8	40.5	39.1	...	2.5	27.6	31.0
Other chemicals (352)	38.7	37.7	...	15.5	50.0	48.2	...	16.2	27.0	29.7
Petroleum refineries (353)	...	...	...	...	33.3	25.0	...	2.4	...	...
Prods. of petroleum and coal (354)	...	...	...	...	...	...	...	0.4	...	...
Rubber products (355)	26.5	24.4	...	35.2	38.4	40.0	...	3.0	23.8	26.9
Plastic products (356)	30.5	30.1	...	5.2	53.8	40.0	...	4.0	25.4	27.4
Pottery, china, earthenware (351)	49.5	48.8	...	...	50.0	50.0	...	16.6	50.0	42.9
Glass (362)	22.1	21.3	...	...	41.2	40.0	...	2.4	10.0	17.5
Other non-metallic mineral prods. (369)	14.1	15.1	...	...	30.6	25.3	...	1.8	9.8	9.5
Iron and steel (371)	8.7	8.5	...	28.2	28.1	28.1	...	0.8	6.3	6.7
Non-ferrous metals (372)	14.2	15.2	...	4.2	35.0	25.0	...	2.2	-	0.0
Metal products (381)	20.7	22.0	...	3.5	40.4	23.8	...	2.4	13.0	12.7
Non-electrical machinery (382)	16.7	16.7	...	5.1	28.4	18.6	...	7.5	25.9	28.8
Electrical machinery (383)	38.3	37.7	...	4.5	47.4	45.8	...	13.6	53.4	51.4
Transport equipment (384)	14.7	14.6	...	...	26.3	27.3	...	2.4	7.0	8.8
Prof., scient. equipment (385)	38.5	40.2	...	...	43.4	43.8	...	11.0	54.3	57.1
Other manufactures (390)	50.2	50.4	...	...	96.5	50.0	...	5.3	50.0	53.3
Total manufacturing (3)	27.2	27.1	...	8.4	46.8	42.2	...	5.4	31.4	31.9

TABLE 1.11

SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Italy		Jordan		Kenya		Macau		Malaysia	
	1987	1991	1985	1993	1985	1993	1985	1993	1985	1992
Food products (311/2)	30.8	29.0	9.1	6.1	...	19.6	28.1	29.6	33.1	36.0
Beverages (313)	23.1	19.2	9.8	8.8	...	5.7	18.9	21.6	29.8	34.1
Tobacco (314)	33.6	10.1	5.6	3.7	...	13.7	48.1	42.7	46.7	51.1
Textiles (321)	55.1	57.2	32.2	22.8	...	8.4	68.6	67.7	64.1	64.2
Wearing apparel (322)	80.7	78.7	31.2	33.5	...	20.1	72.4	77.3	89.4	88.0
Leather and fur products (323)	44.8	45.2	2.0	10.2	...	20.1	53.8	32.9	66.7	66.7
Footwear (324)	53.8	53.3	13.7	9.5	...	1.0	45.3	78.8	55.6	57.9
Wood and cork products (331)	21.1	22.1	0.2	0.5	...	8.5	12.6	4.9	24.1	28.8
Furniture, fixtures excl. metallic (332)	23.1	23.9	0.4	1.2	...	3.2	7.9	5.7	25.6	29.9
Paper (341)	22.9	20.2	14.1	13.3	...	4.9	10.3	13.4	38.6	31.8
Printing and publishing (342)	23.8	28.0	5.5	4.1	...	14.3	18.6	26.6	38.6	43.5
Industrial chemicals (351)	17.7	10.8	3.5	4.6	...	13.5	...	...	15.9	16.1
Other chemicals (352)	25.6	27.6	25.5	26.5	...	18.3	44.7	46.4	41.4	40.3
Petroleum refineries (353)	6.2	7.6	2.3	1.8	...	7.2	...	...	7.1	8.3
Prods. of petroleum and coal (354)	12.3	9.8	...	...	...	...	...	...	9.1	10.0
Rubber products (355)	17.8	18.2	...	...	...	5.7	5.9	22.2	41.8	53.2
Plastic products (356)	33.1	28.8	2.2	3.9	...	8.9	12.5	36.0	53.9	52.1
Pottery, china, earthenware (361)	12.2	30.6	4.7	3.3	...	5.4	40.2	20.6	65.6	68.4
Glass (362)	13.4	13.3	4.1	0.7	...	0.5	-	-	13.0	13.6
Other non-metallic mineral prods. (369)	20.8	7.1	0.7	0.8	...	3.1	30.0	7.8	21.5	20.1
Iron and steel (371)	5.6	6.8	1.2	0.9	...	...	...	...	13.2	11.9
Non-ferrous metals (372)	9.8	10.4	1.3	1.9	...	...	...	...	16.1	18.8
Metal products (381)	17.1	17.3	1.7	1.5	...	5.8	5.2	6.3	30.8	30.2
Non-electrical machinery (382)	13.2	14.2	1.0	2.8	...	1.9	-	13.1	17.3	34.2
Electrical machinery (383)	28.1	30.0	21.0	8.2	...	6.8	43.4	75.2	73.7	73.3
Transport equipment (384)	11.5	12.4	1.3	4.6	...	2.0	2.5	2.7	19.8	20.4
Prof., scient. equipment (385)	33.8	38.0	...	35.2	...	15.5	51.8	53.2	70.7	69.7
Other manufactures (390)	36.3	54.1	0.1	8.8	...	24.8	14.3	70.5	69.5	61.1
Total manufacturing (3)	25.4	27.3	7.4	7.9	...	11.5	54.5	68.1	44.8	50.9

TABLE 1.11

SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Mauritius		New Zealand		Nigeria		Panama		Portugal	
	1985	1992	1988	1992	1985	1990	1985	1990	1985	1991
Food products (311/2)	...	13.1	22.8	28.0	...	19.0	...	19.2	38.8	42.4
Beverages (313)	...	9.4	21.2	31.0	...	7.6	...	18.8	28.0	26.6
Tobacco (314)	...	32.3	41.9	42.2	...	...	...	19.9	39.9	42.4
Textiles (321)	...	41.0	50.3	48.2	...	19.6	...	29.9	51.8	48.7
Wearing apparel (322)	...	73.3	86.6	80.8	...	72.4	...	81.0	88.7	88.2
Leather and fur products (323)	...	82.9	29.3	38.9	...	6.0	...	8.3	29.9	20.7
Footwear (324)	...	46.7	62.0	50.3	...	6.6	...	35.6	62.6	63.7
Wood and cork products (331)	...	19.4	10.6	13.8	...	2.8	...	6.0	21.7	30.6
Furniture, fixtures excl. metallic (332)	...	49.6	22.9	20.2	...	6.8	...	9.2	14.2	32.3
Paper (341)	...	37.3	13.5	18.2	...	16.0	...	12.6	24.6	17.6
Printing and publishing (342)	...	26.1	43.2	47.0	...	24.8	...	34.1	23.1	27.9
Industrial chemicals (351)	...	1.1	20.9	21.8	...	...	...	25.3	13.0	16.9
Other chemicals (352)	...	22.4	33.4	40.3	...	14.7	...	26.0	43.9	40.8
Petroleum refineries (353)	7.7	10.6	...	13.0	...	...	4.5	17.8
Prods. of petroleum and coal (354)	17.4	23.1	...	...	...	...	...	...
Rubber products (355)	...	14.2	23.6	20.4	...	3.8	...	20.8	16.6	16.0
Plastic products (356)	...	46.1	29.4	28.0	...	21.2	...	17.7	33.7	36.4
Pottery, china, earthenware (361)	...	27.9	46.8	...	...	...	...	14.8	40.9	46.6
Glass (362)	...	8.0	17.0	19.2	...	0.7	...	7.0	19.4	18.6
Other non-metallic mineral prods. (369)	...	7.4	8.0	12.9	...	3.2	...	8.4	11.2	14.4
Iron and steel (371)	4.2	11.4	...	2.7	...	0.7	6.2	8.1
Non-ferrous metals (372)	9.2	13.4	...	...	...	3.8	13.0	14.7
Metal products (381)	...	11.8	16.4	21.0	...	10.1	...	9.3	16.1	19.1
Non-electrical machinery (382)	...	5.6	12.3	19.0	...	13.7	...	11.8	12.1	17.1
Electrical machinery (383)	...	27.3	28.2	34.6	...	16.4	...	9.9	46.7	49.8
Transport equipment (384)	...	6.2	10.6	20.5	...	0.9	...	8.3	8.3	10.6
Prof. scient. equipment (385)	...	57.4	49.6	62.8	...	...	...	23.8	62.1	61.7
Other manufactures (390)	...	63.7	44.3	60.6	...	18.9	...	...	66.0	49.6
Total manufacturing (3)	...	58.1	26.9	31.9	...	13.6	...	29.4	36.6	43.6

TABLE 1.11

SHARE OF FEMALES IN TOTAL EMPLOYMENT BY BRANCH, SELECTED YEARS

(Percentage)

Branch (ISIC)	Republic of Korea		Sri Lanka		Sweden		Turkey		United Kingdom	
	1985	1993	1985	1992	1985	1990	1985	1990	1985	1992
Food products (311/2)	43.9	43.0	...	34.3	37.2	38.0	11.2	18.2	42.1	43.8
Beverages (313)	20.3	26.4	...	14.0	22.7	27.1	7.9	9.0	20.4	27.7
Tobacco (314)	32.5	22.0	...	50.9	50.0	54.5	52.0	37.9	46.2	30.0
Textiles (321)	54.7	53.5	...	52.0	50.5	52.3	18.5	31.8	55.1	45.5
Wearing apparel (322)	75.3	70.7	...	27.4	79.8	80.8	-	-	53.3	79.3
Leather and fur products (323)	35.4	40.9	...	55.7	31.3	45.5	17.7	22.7	39.4	35.7
Footwear (324)	49.2	55.3	...	34.3	50.0	57.1	7.5	15.2	55.9	57.5
Wood and cork products (331)	25.3	25.1	...	25.5	13.5	15.4	3.9	5.0	23.7	17.5
Furniture, fixtures excl. metallic (332)	23.7	28.8	...	2.3	28.0	31.5	12.1	5.8	21.5	15.2
Paper (341)	23.5	23.5	...	11.0	22.3	21.3	9.3	7.3	29.8	29.4
Printing and publishing (342)	25.3	29.0	...	11.8	33.5	35.3	-	-	35.0	35.7
Industrial chemicals (351)	15.5	19.3	...	5.5	20.5	23.5	2.3	4.5	15.5	15.1
Other chemicals (352)	37.0	33.7	...	24.5	41.3	42.4	25.2	22.8	37.9	55.7
Petroleum refineries (353)	8.3	3.0	...	...	5.3	5.3	1.8	3.8	11.7	12.5
Prods. of petroleum and coal (354)	7.8	13.9	...	...	11.8	11.1	-	-	5.3	15.7
Rubber products (355)	51.0	19.9	...	32.4	30.0	30.5	5.2	7.7	23.9	24.1
Plastic products (356)	75.3	24.9	...	47.9	39.7	39.1	10.5	20.9	31.9	32.3
Pottery, china, earthenware (361)	53.5	51.7	...	42.9	41.9	39.1	5.5	14.1	29.4	37.5
Glass (362)	24.9	22.5	...	10.5	25.2	30.4	3.8	5.4	10.8	23.1
Other non-metallic mineral prods. (369)	15.4	17.2	...	18.5	13.2	13.5	4.5	5.2	10.3	15.0
Iron and steel (371)	7.1	5.2	...	5.0	15.5	10.1	0.9	3.1	9.9	11.3
Non-ferrous metals (372)	12.0	15.3	...	12.5	15.5	15.8	2.5	3.4	11.0	14.0
Metal products (381)	17.8	21.5	...	12.3	20.5	21.4	9.5	9.0	21.5	20.7
Non-electrical machinery (382)	15.7	15.4	...	7.5	15.5	17.7	2.5	5.7	15.7	15.5
Electrical machinery (383)	50.9	24.5	...	25.5	33.5	34.5	11.9	22.5	29.0	31.9
Transport equipment (384)	9.1	12.3	...	4.7	15.3	19.5	4.3	5.5	11.0	10.5
Prof., scient. equipment (385)	45.3	42.5	...	75.0	31.1	30.7	15.1	25.5	32.4	31.5
Other manufactures (390)	55.5	45.2	...	55.5	41.0	41.4	33.5	25.3	44.9	39.4
Total manufacturing (3)	42.1	34.5	...	54.5	25.3	25.0	11.7	15.2	29.5	28.0

TABLE 1.12 SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Food products (J11/2)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Costs of input materials and utilities			Percentage in output a/			Operating surplus		
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	1985	1990	LY	1985	1990	LY			
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY			
Industrialized countries b/														
Australia	1991	...	54.2	-0.5	20.0	69.5	64.2	64.0	14.3	13.3	13.3	16.2	22.6	22.7
Austria	1993	...	53.4	1.8	28.7	78.8	77.5	78.4	11.0	11.8	12.3	10.1	10.7	12.3
Canada	1993	0.2	65.2	-0.1	24.1	72.0	67.8	67.3	11.3	12.3	12.1	16.7	20.0	20.6
Denmark	1991	-1.5	51.5	-1.1	26.6	76.1	74.1	70.7	11.4	14.6	15.2	12.6	11.4	14.2
Finland	1993	5.1	48.6	2.4	20.0	76.9	78.0	78.0	9.2	10.6	9.9	13.9	11.4	14.1
France	1993	2.2	63.8	...	...	74.6	73.3	69.5	14.7	15.3	...	10.7	11.4	...
Germany, western part	1992	1.3	87.3	1.5	27.8	74.9	68.8	66.2	9.0	10.0	10.8	18.1	21.6	23.0
Greece	1992	1.4	37.1	0.3	12.0	77.5	78.8	70.8	9.1	9.4	9.6	13.4	14.8	19.9
Iceland	1992	...	45.2	3.0	28.5	78.9	79.5	72.4	18.8	18.4	17.4	2.6	2.2	...
Ireland	1991	6.1	90.6	1.3	20.4	78.6	71.2	68.4	7.8	6.9	7.1	18.6	21.9	24.6
Israel	1992	...	28.3	...	16.5	75.4	71.1	75.2	12.2	15.7	15.6	12.4	13.2	9.3
Italy	1991	1.1	66.1	...	...	83.0	80.7	79.6	7.1	11.9	12.4	9.1	7.4	8.1
Japan	1993	-0.7	83.3	0.7	26.7	87.4	83.0	60.1	10.8	11.9	12.6	21.7	25.1	26.7
Luxembourg	1992	-2.6	30.8	3.2	22.3	79.0	78.5	78.6	11.3	13.0	17.0	9.7	11.8	8.4
Netherlands	1993	2.7	61.1	...	...	84.7	81.2	80.9	9.9	9.1	9.7	5.4	9.6	9.4
Norway	1992	2.6	44.9	4.9	34.4	88.2	87.3	84.0	10.9	10.9	12.3	0.9	1.8	3.8
Portugal	1991	...	27.9	...	...	82.6	83.6	84.7	5.9	4.3	4.7	11.8	12.1	10.6
South Africa	1992	0.3	14.8	2.6	7.7	77.0	76.4	72.0	10.4	12.5	14.6	12.6	11.1	13.4
Spain	1992	...	47.2	1.8	16.5	77.1	78.8	74.5	7.2	8.3	8.9	15.7	16.0	16.6
Sweden	1993	1.3	48.9	1.8	21.2	71.9	69.0	75.6	8.7	10.1	11.3	19.3	20.8	13.1
Switzerland	1992	1.6	86.0	...	...	89.8	85.2	84.8	11.2	12.8	13.2	19.0	22.0	22.0
United Kingdom	1993	0.3	102.3	-0.8	24.0	66.6	64.5	61.8	9.0	8.7	8.9	24.4	28.9	29.3
United States of America	1993	...	...	...	...	...	...	...	...	...	...	...	...	...
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.5	...	...	...	...	...	6.7	...	...	...
Armenia	1991	...	1.8	...	...	...	...	95.9	...	...	3.8	...	...	0.4
Bulgaria	1993	...	6.0	...	1.4	...	...	74.7	2.8	4.2	5.9	...	...	19.4
Czech Republic	1993	...	...	...	2.3	...	...	...	...	...	...	...	...	...
Hungary	1993	...	8.0	1.4	3.5	92.4	...	...	...	...	...	...	...	...
Latvia	1992	...	...	...	1.8	...	...	77.1	6.4	8.4	9.8	1.2	...	13.1
Lithuania	1993	...	...	...	1.0	...	...	...	...	...	...	...	...	...
Poland	1993	...	7.4	...	2.4	...	63.4	71.6	...	6.5	9.3	...	30.1	19.0
Republic of Moldova	1993	...	...	...	...	...	...	...	...	5.1	6.0	...	...	...
Romania	1992	...	...	...	...	...	78.5	78.8	...	...	...	...	...	...
Russian Federation	1993	...	8.4	...	1.9	...	...	62.9	...	...	...	...	...	28.6
Slovakia	1993	...	...	...	2.0	...	...	...	...	...	...	...	...	...
Slovenia	1993	...	...	...	...	...	...	...	...	...	...	...	...	...
Ukraine	1993	...	...	...	1.2	...	...	...	...	...	...	...	...	...
Developing countries														
Bahrain	1992	5.6	18.4	-1.3	5.8	75.8	76.3	77.2	14.7	14.3	13.9	9.5	9.6	8.9
Barbados	1993	...	10.1	...	4.7	...	74.2	78.3	...	8.6	10.0	...	17.1	11.7
Belize	1992	...	...	...	...	...	...	...	...	...	...	...	...	...

a/ At current prices

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Food products (311/2)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Bolivia	1992	...	19.7	...	3.8	57.1	76.0	72.9	4.1	6.0	6.0	38.9	19.0	22.1
Cameroon	1993	...	3.8	...	3.5	...	51.1	76.3	...	16.9	21.6	...	33.0	2.1
China	1992	...	25.7	...	2.9	61.7	62.1	62.1	6.9	7.4	7.6	32.4	30.4	30.3
China	1993	...	3.8	...	...	83.9	84.6	71.0	3.5	...	...	12.6	...	...
Colombia	1992	-4.5	14.2	1.0	2.7	77.1	73.2	73.0	4.4	3.7	6.1	24.2	23.0	21.9
Costa Rica	1992	...	9.8	...	2.2	76.1	76.6	76.4	5.7	6.9	7.8	18.1	16.5	16.8
Croatia	1992	...	16.7	...	...	...	62.4	68.9	...	12.2	6.0	...	25.4	36.1
Cyprus	1993	0.9	21.2	4.2	10.5	74.3	70.1	86.8	11.1	14.8	16.6	14.7	16.1	16.7
Ecuador	1993	-2.7	9.0	-2.6	3.6	77.6	81.6	80.4	8.7	7.6	7.7	13.7	13.9	11.9
El Salvador	1993	...	11.0	...	3.9	66.1	...	64.6	7.9	...	12.6	27.0	...	22.9
Fiji	1991	...	11.8	...	3.5	81.6	81.9	83.2	13.0	8.2	8.6	6.5	9.9	8.2
Ghana	1993	...	6.9	...	1.4	61.3	...	66.0	6.7	...	7.4	33.0	...	27.7
Honduras	1992	...	6.6	-2.2	2.0	76.7	78.1	79.6	9.2	8.4	7.2	14.1	13.5	13.3
Hong Kong	1992	...	23.6	4.8	11.4	74.4	67.8	66.3	13.2	15.3	16.3	12.4	16.9	17.4
India	1992	3.4	1.7	4.1	0.7	88.2	89.4	89.7	4.9	4.3	4.2	6.9	8.2	6.1
Indonesia	1992	3.9	6.1	-1.8	0.6	74.3	66.1	64.8	7.2	4.0	3.7	18.6	29.9	31.6
Iran (Islamic Republic of)	1991	...	...	...	...	66.2	69.8	66.0	19.6	10.1	10.6	16.2	20.1	24.4
Jamaica	1992	...	6.4	...	3.0	82.6	76.9	74.9	10.8	11.4	11.8	6.8	12.7	13.3
Jordan	1993	...	7.0	...	2.3	77.6	73.6	76.6	8.8	7.8	7.6	13.7	16.7	16.9
Kenya	1993	-1.1	2.8	...	0.7	82.4	92.0	93.1	4.2	1.8	1.6	7.4	6.2	6.3
Kuwait	1992	...	19.3	...	7.6	82.0	60.1	61.8	19.7	18.7	18.6	16.4	21.1	29.6
Macao	1993	...	9.1	...	6.3	78.7	66.2	61.1	13.2	22.1	22.7	8.0	11.8	16.3
Malaysia	1992	...	15.2	1.4	3.6	85.4	86.4	84.6	3.6	3.6	3.7	11.1	11.0	11.8
Mauritius	1992	-2.4	10.6	5.4	4.1	86.0	84.6	80.6	6.6	6.6	7.6	8.6	8.9	11.8
Mexico	1991	...	26.7	...	6.1	73.3	70.0	70.2	6.3	6.4	6.9	21.6	24.6	24.0
Morocco	1993	-2.3	9.1	0.3	3.9	84.8	90.1	84.0	7.1	6.9	6.8	8.1	3.0	9.2
Netherlands Antilles	1993	...	...	...	8.5	...	...	...	...	...	...	...	...	...
Philippines	1991	...	6.6	3.2	1.7	76.1	63.3	70.6	6.8	6.6	7.7	19.2	30.2	21.6
Puerto Rico	1991	...	33.6	...	...	...	73.2	72.3	...	...	...	...	...	...
Qatar	1993	...	8.6	...	6.2	...	67.6	70.0	...	16.4	18.1	...	16.1	12.0
Republic of Korea	1993	...	60.1	9.3	10.7	72.2	64.6	60.0	6.4	8.1	8.6	21.4	27.3	31.4
Senegal	1993	...	12.3	...	5.0	...	72.9	...	...	10.1	...	...	17.0	...
Sierra Leone	1993	...	5.7	...	0.6	...	...	61.6	...	...	3.8	...	...	34.7
Singapore	1993	1.3	37.6	3.0	14.6	82.9	71.6	68.2	6.8	10.1	12.4	10.4	16.4	19.4
Slovenia	1993	...	...	...	...	...	...	67.6	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	61.6	62.6	4.0	4.0	6.6	...	34.3	42.0
Suriname	1993	...	...	...	...	...	...	...	17.6	16.3	8.3	...	...	...
Taiwan Province	1993	...	29.1	7.9	13.5	79.6	79.1	78.6	6.6	6.6	10.0	14.8	12.4	11.6
The f Yugosl. Rep of Macedonia	1993	...	...	...	...	...	56.1	66.3	...	18.6	12.2	...	26.3	31.6
Thailand	1991	...	12.3	...	2.0	...	77.6	72.8	...	3.4	4.6	...	19.0	22.7
Trinidad and Tobago	1992	...	10.9	...	5.7	71.9	77.0	74.2	17.4	11.9	13.3	10.7	11.1	12.6
Tunisia	1992	...	...	...	...	...	83.4	84.3	...	6.4	6.3	...	10.2	9.4
Turkey	1991	6.5	26.6	...	7.4	70.8	71.4	67.2	6.9	8.2	9.1	17.3	20.4	23.7
Uruguay	1993	-0.6	18.1	...	1.8	71.6	69.6	63.0	8.2	8.6	3.6	20.2	21.7	33.4
Venezuela	1993	...	16.1	...	3.7	71.9	69.3	72.3	10.1	7.3	6.4	18.0	23.4	21.3
Yugoslavia	1992	...	...	...	...	...	63.2	61.9	...	...	...	...	...	...
Zimbabwe	1992	...	13.4	...	3.1	80.2	72.6	64.0	12.9	11.2	8.4	6.9	16.3	27.6

a/ At current prices

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Textiles (321)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries ^{b/}														
Australia	1991	4.5	43.4	0.2	19.6	61.2	67.6	67.7	22.2	19.7	19.6	16.6	22.6	22.0
Austria	1993	4.2	43.8	3.7	25.0	64.7	64.1	61.9	20.4	20.8	21.7	14.9	15.1	16.4
Belgium	1992	1.8	43.0	1.7	18.2	73.1	71.3	71.1	13.0	12.1	12.2	13.8	18.6	16.7
Canada	1993	3.3	46.6	0.3	22.4	58.2	68.6	66.2	21.6	21.6	21.1	20.2	19.9	22.7
Denmark	1991	-2.2	37.2	-0.9	24.3	66.7	63.6	63.2	25.6	30.7	30.6	17.7	16.7	16.2
Finland	1993	5.8	34.6	2.1	17.2	63.7	67.7	66.3	23.3	26.8	22.3	23.1	16.6	22.6
France	1993	1.6	36.5	...	...	64.7	63.9	64.6	24.7	23.6	...	10.6	12.6	...
Germany, western part	1992	1.2	69.0	2.2	27.2	63.0	67.1	66.3	20.0	19.8	20.6	21.9	23.7	24.1
Greece	1992	4.5	26.2	-1.1	11.4	65.1	65.1	61.1	16.7	16.7	16.9	21.2	16.3	22.0
Iceland	1992	...	44.6	3.3	27.8	66.1	66.2	64.3	26.6	30.8	22.3	6.3	4.1	13.3
Ireland	1991	3.6	30.4	0.9	16.3	64.9	61.2	68.4	19.3	21.4	22.4	16.9	17.3	19.3
Israel	1992	...	28.7	...	16.3	70.3	66.7	70.0	19.2	17.9	17.0	10.6	13.4	13.0
Italy	1991	1.6	46.1	...	...	67.2	68.5	67.0	13.2	19.8	21.2	19.8	11.7	11.8
Japan	1993	-1.0	66.3	1.3	26.9	60.7	67.7	66.0	17.2	16.6	21.0	22.2	23.0	23.0
Netherlands	1993	1.5	48.7	...	27.9	69.2	64.8	64.6	22.0	18.3	20.3	6.6	16.9	16.2
New Zealand	1991	...	...	...	14.4	72.6	68.3	...	17.6	19.6	...	10.0	12.1	...
Norway	1992	2.3	41.8	4.7	30.1	63.8	62.3	60.3	26.1	26.3	26.6	11.1	11.4	11.1
Portugal	1991	...	16.7	...	6.0	66.6	66.3	69.1	14.3	11.6	11.8	20.1	20.2	19.1
South Africa	1992	-1.6	10.3	1.0	6.2	71.4	66.3	63.6	16.9	20.6	22.1	9.8	13.8	14.6
Spain	1992	3.6	34.2	2.3	17.1	61.4	60.6	62.9	16.9	16.6	18.6	21.7	20.6	16.6
Sweden	1993	3.3	37.4	2.2	20.6	63.0	60.4	61.8	20.1	21.2	20.9	26.6	28.4	17.3
Switzerland	1993	...	39.2	...	...	...	68.7	69.7	...	...	...	...	...	...
United Kingdom	1992	-0.9	36.1	2.7	18.7	69.6	66.2	63.3	20.6	23.1	24.2	19.8	21.6	22.6
United States of America	1993	2.6	49.6	0.1	20.6	60.0	68.6	67.1	19.0	17.9	17.8	21.0	23.6	26.1
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	28.3	...	...	...
Armenia	1991	...	2.3	...	1.6	...	...	61.7	...	...	12.6	...	...	6.7
Bulgaria	1993	...	1.9	...	1.0	...	...	66.9	11.6	12.7	17.3	...	...	16.8
Czech Republic	1993	...	...	...	1.8	...	...	...	...	...	...	...	...	...
Hungary	1993	...	4.2	-1.4	2.6	70.4	...	67.4	12.0	14.0	19.2	17.6	...	13.4
Latvia	1992	...	...	...	1.6	...	...	...	...	6.9	11.1	...	...	...
Lithuania	1993	...	...	...	0.7	...	...	...	...	...	12.3	...	...	...
Poland	1993	...	4.4	...	2.0	...	43.7	60.6	...	14.6	18.3	...	41.7	21.3
Republic of Moldova	1993	...	...	...	...	...	...	...	...	10.7	13.8	...	...	...
Romania	1992	...	1.1	...	0.6	...	68.6	71.8	...	18.8	14.1	...	22.7	14.1
Russian Federation	1993	...	4.4	...	1.0	...	...	63.8	...	...	10.8	...	...	36.4
Slovakia	1993	...	...	...	1.6	...	...	...	...	...	16.6	...	...	...
Ukraine	1993	...	...	...	2.1	...	...	...	...	8.1	11.7	...	...	...
Developing countries														
Bahamas	1991	...	20.7	...	7.0	...	40.8	44.0	...	20.0	16.9	...	39.3	37.1

a/ At current prices.

b/ Excluding countries of eastern Europe and the former USSR

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Textiles (321)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Barbados	1993	...	9.6	0.3	6.0	...	...	63.1	...	...	23.0	...	...	13.8
Bolivia	1992	...	6.6	...	2.2	46.8	56.7	50.9	10.0	10.8	13.1	43.2	23.6	26.0
Burundi	1991	...	4.3	...	2.3	...	51.6	49.9	...	26.9	26.4	...	21.5	23.7
Chile	1992	...	15.9	4.8	4.7	49.5	51.5	52.5	12.1	13.2	14.1	38.4	35.3	33.5
China	1993	...	2.4	...	...	75.3	78.5	73.0	4.2	...	...	20.5	...	...
Colombia	1992	-0.5	13.4	-0.6	2.2	52.8	49.8	52.5	9.4	6.9	7.8	37.8	43.2	39.7
Costa Rica	1992	...	2.7	-0.5	2.5	64.6	65.5	65.4	22.7	28.2	32.3	12.7	6.3	2.4
Croatia	1992	...	8.3	...	1.8	...	49.5	48.8	...	20.0	11.3	...	30.5	39.9
Cyprus	1993	2.1	14.4	3.7	8.3	57.4	59.2	57.0	22.9	20.3	24.8	19.8	20.5	18.2
Ecuador	1993	-0.6	7.3	-1.7	2.9	57.9	52.1	63.9	17.4	13.7	14.6	24.7	24.2	21.5
El Salvador	1993	...	5.9	...	2.1	46.8	...	57.8	17.5	...	14.9	35.7	...	27.3
Ghana	1993	...	3.0	...	1.3	58.7	...	68.5	19.2	...	14.2	22.1	...	17.3
Honduras	1992	...	...	...	...	72.4	66.4	65.0	18.5	19.2	25.7	9.2	14.4	8.3
Hong Kong	1992	10.4	21.4	4.0	11.7	74.1	72.6	71.7	15.6	16.3	15.5	10.2	11.1	12.9
India	1991	4.3	1.7	1.0	1.0	81.1	79.7	82.9	13.0	10.4	9.9	5.9	9.8	7.2
Indonesia	1992	5.2	3.7	4.5	0.8	68.0	69.5	69.3	8.7	5.0	6.4	23.3	25.5	24.3
Iran (Islamic Republic of)	1991	...	...	...	...	48.1	45.5	54.4	33.6	19.3	21.0	18.3	35.1	24.5
Iraq	1992	...	...	...	...	47.3	...	72.7	26.0	...	25.5	26.6	...	1.8
Jamaica	1992	...	5.4	...	3.0	60.8	61.4	62.3	25.3	21.0	20.8	13.9	17.5	16.6
Jordan	1993	...	7.9	...	2.4	62.2	57.4	69.1	10.5	8.2	9.6	27.3	34.4	21.3
Kenya	1993	2.5	1.1	...	0.6	77.4	71.6	62.4	12.5	15.1	20.7	10.1	13.3	17.2
Kuwait	1992	...	15.7	...	7.5	60.3	50.9	45.3	17.5	14.8	26.3	22.2	34.2	28.4
Macau	1993	...	9.8	...	5.2	74.2	71.9	73.1	12.5	13.5	14.4	13.3	14.6	12.4
Malaysia	1992	...	10.0	3.2	3.4	71.9	71.8	69.4	13.7	9.5	10.5	14.4	16.7	20.2
Mauritius	1992	...	4.0	5.0	2.9	75.4	62.8	62.3	7.8	13.9	12.9	16.8	23.3	4.8
Mexico	1991	...	12.4	...	4.3	55.8	53.0	52.7	14.7	15.4	16.2	29.6	31.5	31.0
Morocco	1993	-0.9	5.3	-3.0	2.6	74.1	72.6	68.6	14.8	14.1	15.5	11.1	13.3	15.9
Nepal	1991	...	1.4	...	0.5	...	60.0	57.1	...	15.7	15.1	...	24.3	27.8
Netherlands Antilles	1993	...	...	...	7.7	...	...	...	...	...	...	...	...	...
Philippines	1991	...	4.0	7.1	1.6	80.3	65.5	67.2	10.6	12.5	13.5	9.1	21.9	19.3
Qatar	1993	...	7.6	...	2.7	...	...	50.0	...	...	17.9	...	...	32.1
Republic of Korea	1993	4.1	31.3	10.1	10.6	62.2	61.4	55.3	12.1	15.4	15.2	25.6	23.2	25.5
Senegal	1993	...	1.9	...	4.8	...	...	...	...	...	...	...	...	...
Sierra Leone	1993	...	1.1	...	0.3	...	...	55.7	...	...	11.9	...	...	31.4
Singapore	1993	-1.5	23.3	4.2	12.5	67.7	67.1	68.3	17.9	14.0	17.0	14.4	18.9	14.7
Slovenia	1993	...	...	...	...	...	...	49.5	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	56.2	55.1	14.1	11.1	13.0	...	32.7	31.9
Taiwan Province	1993	...	24.4	7.1	12.5	73.8	67.4	61.2	15.1	18.0	19.9	11.0	14.5	18.9
The f. Yugosl. Rep. of Macedonia	1993	...	...	...	...	...	49.2	45.0	...	32.2	18.3	...	15.5	35.7
Thailand	1991	...	7.3	...	1.9	...	71.4	61.9	...	3.1	9.9	...	25.4	28.2
Trinidad and Tobago	1992	...	16.1	...	5.7	...	55.9	54.7	...	15.0	15.0	...	29.1	29.3
Tunisia	1992	...	...	...	...	...	71.5	59.4	...	14.4	15.2	...	14.0	14.4
Turkey	1991	3.5	19.7	...	6.8	64.2	59.2	55.9	10.3	11.3	14.9	25.5	29.5	28.2
Uruguay	1993	4.3	18.0	...	2.0	54.4	58.9	53.8	12.5	12.0	5.1	33.1	29.2	41.1
Venezuela	1993	...	9.4	...	4.6	55.2	59.1	65.8	17.8	13.9	15.5	27.0	27.1	17.5
Yugoslavia	1992	...	...	...	...	...	50.2	33.5	...	...	...	...	...	...
Zimbabwe	1992	...	6.7	...	2.0	56.8	51.7	54.5	14.0	14.2	13.4	19.2	34.0	32.0

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Wearing apparel (322)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	31.3	0.6	16.0	53.1	53.1	54.4	28.6	24.7	23.3	18.0	22.2	22.3
Austria	1993	3.3	27.6	3.4	17.9	60.1	60.6	62.1	25.3	24.9	24.5	14.6	14.5	13.3
Belgium	1992	7.1	29.7	1.6	14.0	63.2	66.1	65.7	21.9	16.1	15.2	14.8	17.9	18.1
Canada	1993	5.6	29.6	0.4	15.9	51.4	62.6	64.0	27.3	26.8	24.7	21.3	21.5	21.2
Denmark	1991	-3.4	25.1	-0.9	19.8	51.4	51.2	50.0	34.3	41.9	39.4	14.3	6.8	10.6
Finland	1993	3.7	25.4	1.3	13.9	46.8	52.3	46.4	30.0	31.1	29.3	23.2	15.5	24.2
France	1993	-1.1	46.1	...	...	57.7	57.4	52.7	31.9	30.2	...	10.4	12.5	...
Germany, western part	1992	0.0	48.6	2.6	21.9	57.9	59.2	59.3	21.6	18.5	18.3	20.6	22.2	22.4
Greece	1992	-1.9	15.8	-0.6	7.9	53.6	54.1	54.8	24.9	24.2	22.7	21.5	21.7	22.5
Iceland	1992	...	28.9	...	26.7	62.2	66.5	57.5	26.5	27.7	39.2	11.3	5.8	3.2
Ireland	1991	0.8	20.0	1.9	12.2	51.2	53.8	47.9	29.6	28.4	31.9	19.2	17.8	20.3
Israel	1992	...	14.2	...	10.0	62.7	57.8	62.1	25.4	25.9	26.6	11.9	13.4	11.3
Italy	1991	-0.3	36.3	...	...	66.9	71.5	68.1	15.4	22.3	21.1	17.7	6.2	10.8
Japan	1993	-2.7	33.6	1.0	18.6	49.2	47.2	45.7	27.1	26.0	30.1	23.8	24.9	24.1
Netherlands	1993	...	33.2	...	21.7	...	67.6	69.0	...	20.2	20.2	...	12.2	10.7
Norway	1992	1.8	32.8	3.7	25.1	61.8	62.0	60.9	27.2	27.4	30.0	11.1	10.7	9.1
Portugal	1991	...	18.1	...	5.3	54.1	59.5	69.0	16.5	7.9	9.0	16.8	22.5	22.0
South Africa	1992	2.0	6.8	1.8	4.9	60.0	59.4	55.0	30.9	28.8	32.1	9.1	12.0	12.9
Spain	1992	...	30.6	1.7	14.4	57.8	59.1	59.3	20.2	19.0	19.1	22.0	21.9	21.5
Sweden	1993	5.1	29.6	2.3	17.2	46.2	47.8	55.5	30.8	29.5	25.9	23.0	22.7	18.5
United Kingdom	1992	3.1	27.1	2.3	14.1	51.6	48.3	48.5	25.7	26.3	25.8	22.7	25.4	24.8
United States of America	1993	1.6	35.4	0.1	15.1	49.3	46.3	47.8	22.6	22.8	21.6	28.1	30.9	30.5
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	...	...	...	...
Armenia	1991	...	3.5	...	1.7	...	84.6	79.1	...	12.8	9.9	...	2.6	11.0
Bulgaria	1993	...	2.2	...	0.9	...	...	43.4	10.6	14.3	22.0	...	...	34.6
Czech Republic	1993	...	...	...	1.8	...	...	...	...	...	...	...	...	...
Hungary	1993	-2.9	3.9	-1.9	2.1	64.8	...	47.2	16.5	24.1	26.6	16.7	...	24.3
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	2.9	7.8	...	...	...
Latvia	1992	...	...	...	1.6	...	...	...	...	16.1	19.6	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	28.4	...	...	...
Poland	1993	...	3.9	...	2.0	...	41.0	42.0	...	21.5	30.0	...	37.4	28.0
Republic of Moldova	1993	...	...	...	...	...	...	...	...	16.6	19.1	...	...	...
Romania	1992	...	1.1	...	0.6	...	67.5	61.9	...	23.8	20.0	...	18.7	13.1
Russian Federation	1993	...	2.8	...	0.9	...	...	36.0	...	...	21.4	...	...	42.6
Slovakia	1993	...	...	...	1.6	...	...	...	...	...	23.7	...	...	...
Ukraine	1993	...	...	...	1.0	...	...	...	...	13.9	12.7	...	...	...
Developing countries														
Bahamas	1991	...	13.0	...	6.2	...	...	50.3	...	...	23.6	...	...	26.1
Bahrain	1992	...	...	...	2.4	...	...	...	...	...	21.3	...	...	...

a/ At current prices.

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Wearing apparel (322)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
Bolivia	1992	2.1	4.7	...	1.2	55.4	59.2	58.4	11.1	14.0	10.3	33.5	25.8	31.3
Burundi	1991	...	2.6	...	1.8	...	74.5	75.5	...	19.3	17.2	...	6.2	7.2
Chile	1992	...	12.4	4.8	4.0	45.8	51.9	56.4	11.6	14.7	14.1	41.7	33.4	29.5
Colombia	1992	2.2	4.7	0.3	1.5	55.4	61.2	54.8	15.3	11.2	14.7	29.3	27.6	30.0
Croatia	1992	...	7.6	...	2.2	...	41.6	37.6	...	26.5	18.3	...	32.0	44.1
Cyprus	1993	-2.0	10.9	3.3	7.0	61.5	62.2	62.8	20.7	22.5	24.0	17.8	15.3	13.2
Ecuador	1993	...	3.4	-1.3	2.0	62.5	69.0	64.3	21.4	14.8	20.7	16.2	16.2	15.0
El Salvador	1993	...	2.7	...	1.5	47.1	...	42.0	18.5	...	33.4	34.5	...	24.7
Honduras	1992	...	...	...	...	57.8	63.5	40.2	31.1	35.1	55.0	11.1	11.4	4.8
Hong Kong	1992	11.3	14.9	3.3	9.6	67.4	70.2	70.0	25.1	20.9	19.4	7.4	8.2	10.5
India	1991	...	2.8	1.7	0.7	85.4	77.7	76.2	6.7	5.8	5.5	7.9	16.5	18.4
Indonesia	1992	...	2.4	3.6	0.8	66.3	64.3	67.1	14.7	9.9	10.7	19.0	25.8	22.3
Iran (Islamic Republic of)	1991	...	...	...	...	51.2	66.6	56.7	35.8	10.6	20.8	13.0	22.9	22.5
Iraq	1992	...	...	...	...	51.5	...	77.2	19.1	...	19.3	29.3	...	3.5
Jamaica	1992	...	1.9	...	1.1	70.4	70.8	71.5	20.1	16.7	16.6	9.6	12.5	11.9
Jordan	1993	...	4.2	...	1.5	65.3	61.1	57.3	19.4	15.0	15.5	15.4	33.9	27.2
Kenya	1993	-1.2	1.2	...	0.5	77.6	89.0	91.8	11.2	4.6	3.5	11.2	6.3	4.7
Kuwait	1992	...	10.0	...	4.9	27.1	48.5	21.8	34.6	15.2	38.4	35.3	35.3	39.8
Macau	1993	...	8.6	...	5.1	72.2	72.9	73.8	16.2	15.9	15.0	11.6	11.2	10.8
Malaysia	1992	...	5.1	3.9	2.8	65.5	68.2	68.5	19.3	16.1	17.3	14.2	15.8	14.2
Mauritius	1992	...	3.8	...	2.3	65.1	68.4	62.0	15.5	17.8	23.1	15.4	13.8	14.7
Mexico	1991	...	8.1	...	3.6	58.0	47.5	49.0	15.7	21.5	22.6	25.3	30.7	28.4
Morocco	1993	...	3.1	1.7	2.1	72.6	67.5	62.2	15.6	20.9	24.9	10.8	11.5	12.9
Nepal	1991	...	1.8	...	0.6	...	55.9	55.1	...	15.3	15.2	...	25.8	28.7
Netherlands Antilles	1993	...	...	...	5.1	...	...	...	...	...	...	...	...	...
Philippines	1991	...	3.2	4.1	1.6	59.6	51.8	53.8	34.4	24.8	22.4	6.0	23.4	23.9
Puerto Rico	1991	...	16.5	...	...	...	54.9	54.3	...	...	...	...	...	...
Republic of Korea	1993	1.7	23.8	10.0	9.2	58.8	58.6	49.7	19.2	19.1	19.3	22.0	24.3	30.9
Senegal	1993	...	7.9	...	2.6	...	63.0	...	...	16.5	...	...	20.5	...
Sierra Leone	1993	...	1.5	...	0.3	...	...	32.3	...	...	12.3	...	...	55.4
Singapore	1993	1.9	12.8	3.2	8.4	66.6	69.2	67.6	22.0	18.7	21.3	11.4	12.1	11.1
Sri Lanka	1992	...	...	...	...	...	58.5	48.5	11.9	13.3	14.3	...	28.1	37.1
Suriname	1993	...	...	...	...	...	...	...	25.7	23.3	22.3	...	...	...
Taiwan Province	1993	...	30.7	5.8	9.2	72.9	67.8	60.5	8.5	9.4	11.8	18.5	22.8	27.7
The f Yugosl. Rep. of Macedonia	1993	...	...	...	...	...	45.0	42.1	...	27.9	31.3	...	27.1	25.6
Thailand	1991	...	14.5	...	3.0	...	75.3	49.0	...	14.0	10.6	...	10.7	40.4
Tonga	1992	...	...	...	1.6	...	...	...	18.9	17.2	11.8	...	...	...
Trinidad and Tobago	1992	...	3.3	...	2.7	57.8	64.2	70.0	34.8	26.3	24.2	7.3	3.5	5.8
Tunisia	1992	...	...	...	...	...	68.8	69.8	...	15.1	15.1	...	15.1	14.1
Turkey	1991	...	15.0	...	3.6	72.3	68.5	67.4	7.0	7.5	7.9	20.7	23.0	24.8
Uruguay	1993	...	8.5	...	0.7	62.9	64.3	65.5	14.5	12.4	2.9	22.5	23.3	31.5
Venezuela	1992	...	8.1	...	3.0	59.6	62.8	58.3	19.9	17.6	15.2	20.5	19.6	27.5
Yugoslavia	1992	...	...	...	...	...	45.9	29.4	...	...	...	...	...	...
Zimbabwe	1992	...	1.0	...	0.5	54.1	54.3	55.7	25.4	21.4	20.5	19.4	24.3	22.9

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Leather and fur products (323)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	31.6	-0.4	17.5	73.0	75.4	73.9	14.2	13.1	14.5	12.7	11.5	11.6
Austria	1993	...	34.8	2.6	20.3	74.9	73.7	70.9	15.8	16.7	17.0	9.2	10.7	12.1
Belgium	1992	...	...	0.3	16.7	...	...	...	...	...	...	...	...	...
Canada	1993	0.3	36.2	0.6	19.4	58.0	69.6	67.6	21.8	23.2	22.7	25.2	17.2	19.7
Denmark	1991	...	18.5	...	18.2	57.8	57.0	64.5	27.6	34.8	44.7	14.7	8.1	0.8
Finland	1993	4.2	30.5	1.8	15.0	65.8	60.6	57.2	19.9	23.5	21.0	14.2	16.9	21.8
France	1993	-2.1	55.1	...	...	60.3	66.2	50.4	28.4	29.7	...	11.3	15.2	...
Germany, western part	1992	-0.4	48.4	1.6	23.3	62.3	69.1	58.3	18.0	18.3	20.1	19.8	22.6	21.7
Greece	1992	1.5	24.2	-2.7	7.6	58.5	67.3	64.6	14.8	11.1	11.1	16.7	21.6	24.2
Iceland	1992	...	30.4	1.6	26.2	53.8	73.0	57.3	25.9	10.0	36.8	20.2	17.0	5.9
Ireland	1991	...	29.1	-2.3	15.1	80.0	78.7	79.0	11.5	8.9	10.9	8.5	12.4	10.1
Israel	1992	...	18.6	...	12.9	63.4	64.5	68.2	19.5	19.6	22.0	17.1	15.9	9.8
Italy	1991	-2.4	49.1	...	...	77.3	76.5	74.3	8.9	14.3	15.4	13.8	9.2	10.3
Japan	1993	-1.4	55.3	0.8	26.1	62.5	63.2	60.7	15.6	15.8	18.5	21.7	21.0	20.8
Netherlands	1993	...	37.8	...	24.1	...	73.9	73.1	...	15.4	17.1	...	10.7	9.8
Norway	1992	7.6	37.0	4.4	28.2	69.3	70.4	71.8	25.1	20.0	21.5	4.7	9.6	6.6
Portugal	1991	...	67.2	...	8.2	75.4	77.5	77.5	7.7	2.5	2.7	16.9	20.0	19.7
South Africa	1992	-3.1	9.1	-0.3	4.9	75.6	76.8	68.4	11.7	14.6	17.1	11.7	8.6	14.4
Spain	1992	-1.5	35.5	1.9	18.4	71.8	69.8	67.5	11.4	14.1	16.8	16.8	16.1	16.7
Sweden	1993	-1.8	41.3	1.1	18.7	62.6	63.0	63.4	14.8	18.6	16.6	22.5	28.3	20.0
United Kingdom	1992	9.9	38.9	4.1	19.8	66.7	66.5	68.7	16.0	17.0	21.0	17.4	16.5	20.2
United States of America	1993	1.2	52.7	0.8	20.5	55.1	56.5	58.2	21.1	16.9	16.6	22.8	25.5	25.2
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.5	...	...	...	...	...	35.3	...	...	...
Armenia	1991	...	...	...	2.0	...	...	...	...	13.7	9.0	...	...	...
Bulgaria	1993	...	2.8	...	0.9	...	...	62.8	8.7	11.5	12.5	...	...	24.7
Czech Republic	1993	...	...	...	2.0	...	...	...	...	...	...	...	...	...
Hungary	1993	...	2.8	-3.3	2.2	76.5	...	78.6	9.5	15.3	16.5	14.1	...	4.9
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	3.1	4.4	...	...	...
Latvia	1992	...	...	...	1.5	...	...	...	...	12.4	12.2	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	10.8	...	...	...
Poland	1993	...	4.5	...	2.2	...	66.4	67.0	...	10.3	15.8	...	33.3	17.2
Republic of Moldova	1993	...	...	...	...	...	...	...	...	7.3	7.1	...	...	...
Romania	1992	...	...	...	...	...	59.5	63.4	...	...	...	...	...	...
Russian Federation	1993	...	5.1	...	1.3	...	...	45.6	...	...	13.6	...	...	40.8
Slovakia	1993	...	...	...	1.7	...	...	...	...	...	17.3	...	...	...
Developing countries														
Bahrain	1992	...	...	...	2.5	...	...	...	...	...	5.8	...	...	...
Bolivia	1992	...	7.5	...	2.2	64.5	73.6	71.9	9.3	7.2	8.3	25.1	19.3	19.8
Burundi	1991	...	4.7	...	1.8	...	43.0	42.9	...	23.7	22.4	...	33.3	34.8

^{a/} At current prices

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Leather and fur products (323)														
Country or area	Latest year (LY)	Value added per employee		wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
Chile	1992	...	16.6	4.3	5.2	62.8	56.4	66.5	7.8	8.1	10.5	29.4	35.5	23.0
Colombia	1992	3.1	10.6	-1.0	1.9	68.4	70.5	64.3	9.0	6.6	6.8	22.6	23.0	29.2
Costa Rica	1992	...	3.2	2.3	2.6	61.4	62.2	61.3	17.2	28.7	30.9	21.4	9.1	7.8
Croatia	1992	...	7.2	...	1.7	...	64.1	56.8	...	16.7	9.8	...	19.2	34.4
Cyprus	1993	1.2	11.2	3.4	7.9	66.7	64.0	66.9	19.9	22.3	30.3	14.4	13.8	12.9
Ecuador	1993	-2.5	4.0	-2.7	2.0	71.7	71.3	71.8	13.8	10.4	13.7	14.6	18.3	14.4
El Salvador	1993	...	6.7	...	2.1	48.6	...	54.3	15.5	...	14.5	35.9	...	31.2
Honduras	1992	...	...	...	...	74.7	71.7	71.6	13.8	11.0	10.6	11.6	17.3	17.8
Hong Kong	1992	...	23.3	6.7	12.2	79.6	78.3	74.4	16.1	11.9	13.6	4.3	9.8	12.2
India	1991	-3.2	2.3	2.9	0.6	90.4	86.5	84.4	5.2	4.5	5.3	4.4	9.1	10.3
Indonesia	1992	...	3.9	1.3	0.7	68.1	67.3	64.3	7.2	5.1	6.3	24.7	27.5	29.4
Iran (Islamic Republic of)	1991	...	...	...	...	76.2	66.2	69.2	14.5	7.7	7.9	9.3	26.1	23.0
Iraq	1992	...	...	...	...	69.4	...	66.0	18.0	...	5.6	12.6	...	28.4
Jamaica	1992	...	9.5	...	6.0	56.3	59.6	61.6	23.7	24.9	24.4	20.0	16.4	13.9
Jordan	1993	...	14.0	...	4.8	48.6	55.0	73.8	20.2	10.4	9.0	31.2	34.6	17.2
Kenya	1993	...	1.5	...	0.7	85.6	75.0	88.3	8.4	11.8	5.7	6.0	13.2	6.0
Kuwait	1992	...	38.6	...	6.3	...	...	32.1	...	...	11.2	...	...	56.8
Macao	1993	...	9.5	...	6.0	71.4	67.1	68.3	21.5	16.5	19.9	7.1	16.4	11.8
Malaysia	1992	...	4.6	1.4	2.6	70.6	74.6	72.7	14.2	12.5	15.6	15.2	12.8	11.9
Mauritius	1992	...	4.2	-3.1	1.7	66.6	62.4	66.9	15.3	16.2	17.1	18.2	22.5	26.0
Nepal	1991	...	4.9	...	0.5	...	70.8	71.0	...	2.3	2.9	...	27.0	26.0
Philippines	1991	...	2.8	9.7	1.5	70.7	45.3	58.5	16.6	26.5	21.9	12.7	28.2	19.6
Qatar	1991	...	10.8	...	5.5	...	58.3	75.0	...	10.9	12.9	...	30.8	12.1
Republic of Korea	1993	...	39.3	10.5	11.6	74.9	70.7	66.0	8.7	8.8	10.0	16.5	20.5	24.0
Singapore	1993	-4.6	24.6	6.6	12.7	68.1	63.8	58.0	19.4	18.9	21.8	12.5	17.3	20.2
Sri Lanka	1992	...	...	...	...	...	60.6	58.1	20.8	8.8	6.5	...	30.7	35.4
Taiwan Province	1993	...	12.3	8.4	11.9	67.3	63.2	66.0	13.6	21.0	32.8	19.1	16.8	1.3
The f. Yugosl. Rep. of Macedonia	1993	...	...	...	...	...	60.1	50.8	...	20.9	14.4	...	19.0	34.7
Tonga	1991	...	...	...	2.0	...	...	...	34.9	31.6	31.6	...	...	...
Turkey	1991	4.4	13.3	...	3.2	71.1	72.5	68.8	5.6	8.0	7.6	23.2	19.4	23.7
Uruguay	1993	4.4	16.9	...	1.4	52.6	68.8	66.9	8.2	10.2	2.7	39.2	21.1	30.5
Venezuela	1993	...	6.6	...	3.0	68.4	69.0	75.4	11.2	9.1	11.1	20.6	21.9	13.5
Yugoslavia	1992	...	...	...	...	...	58.5	42.5	...	...	...	...	...	...
Zimbabwe	1992	...	4.3	...	1.4	73.1	67.8	59.5	13.7	10.0	13.1	13.2	22.2	27.4

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Footwear (324)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1986	1990	LY	1986	1990	LY	1986	1990	LY
Industrialized countries b/														
Australia	1991	...	32.1	0.3	17.6	60.8	49.4	61.4	29.6	26.9	26.6	19.6	21.8	22.0
Austria	1993	...	33.3	2.6	19.6	66.7	69.9	66.6	20.6	18.7	20.2	10.7	11.4	14.3
Belgium	1992	-0.4	43.6	0.4	16.6	63.3	62.9	60.4	16.8	14.6	14.1	19.9	22.3	26.5
Canada	1993	0.6	27.9	-0.7	16.3	63.0	63.6	63.2	27.9	27.9	27.3	19.1	18.6	19.6
Denmark	1991	3.8	66.2	1.3	26.2	60.8	66.6	66.2	24.5	21.6	20.9	14.7	11.8	23.9
Finland	1993	6.9	26.6	1.6	14.2	67.2	69.1	63.6	25.6	27.9	26.0	17.4	13.1	21.6
France	1993	0.9	33.6	...	...	48.1	60.9	44.9	37.9	36.9	...	14.0	13.2	...
Germany, western part	1992	-0.4	49.1	-2.9	25.9	66.1	66.2	64.6	20.6	18.4	18.6	13.4	13.4	16.8
Greece	1992	-6.4	17.4	-2.7	8.1	60.6	62.8	61.7	23.3	18.3	17.8	16.2	16.9	20.4
Ireland	1991	...	19.2	-3.2	13.4	47.9	61.1	64.4	29.7	27.1	31.9	22.3	21.6	13.7
Israel	1992	...	20.2	...	13.0	66.3	66.6	63.1	26.9	27.1	23.7	17.9	17.4	13.2
Italy	1991	-1.6	31.8	...	...	66.2	73.6	71.4	16.0	19.3	20.6	16.6	7.2	8.2
Japan	1993	-1.8	64.8	0.9	27.0	61.7	60.4	60.0	16.6	16.0	19.7	19.0	21.7	20.3
Netherlands	1993	...	32.6	...	22.2	69.7	66.1	66.7	36.0	27.9	30.3	4.3	14.0	14.0
Norway	1992	-0.0	32.6	3.8	26.8	60.0	67.6	66.6	28.8	30.9	36.6	11.2	11.6	7.7
Portugal	1991	...	16.3	...	6.2	69.1	73.4	76.2	14.1	7.4	8.0	16.8	19.2	16.7
South Africa	1992	1.2	9.0	0.0	6.4	68.0	62.2	60.6	21.6	21.4	23.7	10.4	26.4	16.9
Spain	1992	...	28.8	0.7	13.1	63.1	67.0	69.8	16.6	13.9	13.8	21.1	19.0	16.6
Sweden	1993	3.8	29.2	1.6	17.6	62.3	62.9	66.3	24.3	22.6	20.2	23.4	24.4	13.6
United Kingdom	1992	-1.2	31.2	0.3	16.2	46.3	49.6	49.7	29.4	26.8	26.1	26.3	23.6	24.2
United States of America	1993	3.1	43.3	0.7	16.6	47.4	60.1	47.3	22.8	21.3	20.1	29.8	28.6	32.6
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.6	...	...	...	...	...	24.8	...	...	...
Armenia	1991	...	...	...	1.8	...	...	...	...	22.0	16.4	...	...	...
Bulgaria	1993	...	2.1	...	0.9	...	...	62.8	12.9	16.2	16.3	...	...	20.8
Czech Republic	1993	...	...	...	1.9	...	...	...	...	...	...	...	...	...
Hungary	1993	-3.0	3.7	-3.1	2.1	76.4	...	64.2	12.6	16.6	26.8	12.0	...	20.0
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	3.4	3.3	...	...	...
Latvia	1992	...	...	...	1.9	...	...	...	...	20.6	14.2	...	...	...
Lithuania	1993	...	...	...	0.6	...	...	...	...	...	14.3	...	...	...
Poland	1993	...	2.8	...	1.8	...	50.3	62.0	...	16.9	24.1	...	33.8	13.9
Republic of Moldova	1993	...	...	...	...	...	...	...	...	16.8	20.9	...	...	...
Romania	1992	...	...	...	...	...	69.0	61.8	...	...	...	...	...	...
Russian Federation	1993	...	6.2	...	1.1	...	...	36.1	...	...	...	...	13.6	61.3
Slovakia	1993	...	...	...	1.6	...	...	...	...	...	22.1	...	...	...
Ukraine	1993	...	...	...	1.2	...	...	...	...	19.4	10.9	...	...	...
Developing countries														
Bahrain	1992	...	...	...	2.3	...	...	...	...	...	2.6	...	...	...
Bolivia	1992	...	8.8	...	2.7	43.9	64.7	66.7	13.9	11.6	10.3	42.3	33.6	23.1
Burundi	1991	...	3.6	...	1.6	...	49.6	46.2	...	28.8	28.0	...	21.7	26.8

a/ At current prices.

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Footwear (324)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Chile	1992	...	13.7	1.8	4.0	51.6	52.3	56.1	14.7	13.1	12.8	33.8	34.8	31.1
Colombia	1992	-4.8	6.8	-0.6	1.7	55.7	62.1	55.9	14.1	9.0	10.8	30.1	28.9	33.3
Costa Rica	1992	...	4.2	0.0	2.2	59.9	60.7	59.9	25.5	34.2	20.8	14.5	6.1	19.6
Croatia	1992	...	6.8	...	2.4	...	54.8	47.7	...	24.1	18.1	...	21.0	34.1
Cyprus	1993	0.3	13.9	2.9	9.0	60.9	61.8	56.6	24.2	21.2	28.1	14.9	17.0	16.4
Ecuador	1993	-4.9	4.3	-2.7	2.5	34.9	58.0	67.7	19.6	15.8	18.9	15.5	16.2	13.4
El Salvador	1993	...	4.8	...	2.1	42.9	...	51.6	13.7	...	21.6	43.4	...	26.8
Honduras	1992	...	...	...	...	64.6	72.6	70.9	24.1	17.5	15.4	11.3	9.9	13.7
Hong Kong	1992	...	11.6	-0.3	7.9	64.1	71.6	78.9	29.3	21.4	14.3	6.6	7.0	6.7
India	1991	...	2.0	-2.9	0.8	78.8	82.9	79.8	13.6	8.0	8.2	7.6	9.0	12.0
Indonesia	1992	...	2.7	...	0.7	54.1	50.3	60.3	13.5	12.4	10.2	32.4	37.3	29.5
Iran (Islamic Republic of)	1991	...	...	...	...	50.4	57.4	58.2	31.9	20.2	21.9	17.7	22.4	19.9
Iraq	1992	...	...	...	...	39.9	...	43.8	17.2	...	11.2	42.9	...	44.9
Jamaica	1992	...	12.3	...	6.0	68.4	70.8	70.8	14.3	14.3	14.3	17.3	14.9	14.9
Jordan	1993	...	7.0	...	2.3	45.7	58.1	67.9	18.3	20.2	13.7	25.0	21.7	28.4
Kenya	1993	...	3.0	...	0.9	80.0	71.2	77.5	10.0	8.4	6.7	10.0	20.5	15.8
Macau	1993	...	9.7	...	5.1	48.6	70.2	68.6	29.9	18.3	16.8	23.5	11.6	14.8
Malaysia	1992	...	6.2	-1.9	2.5	57.8	66.4	55.5	19.0	17.1	17.5	23.2	15.5	25.9
Mauritius	1992	...	5.0	5.4	2.9	51.8	55.1	59.3	18.1	19.3	24.0	30.0	25.6	15.7
Mexico	1991	...	9.4	...	4.3	54.1	49.4	50.2	15.5	22.5	22.8	29.2	28.1	27.0
Nepal	1991	...	2.3	...	0.7	...	38.6	58.4	...	23.7	12.4	...	37.7	29.2
Netherlands Antilles	1993	...	...	...	7.7	...	...	...	...	...	...	...	...	...
Philippines	1991	...	2.1	-2.1	0.8	68.6	61.4	58.6	23.6	20.9	15.6	7.9	17.6	24.8
Republic of Korea	1993	...	21.6	9.4	9.4	60.4	55.6	52.6	15.2	15.1	20.7	24.4	29.3	25.8
Singapore	1993	14.5	21.2	8.1	10.8	64.5	67.4	65.5	20.6	18.1	17.0	16.0	14.5	17.0
Sri Lanka	1992	...	...	...	...	...	46.2	40.9	14.5	12.0	13.5	...	42.9	45.6
Suriname	1993	...	...	...	...	...	...	...	22.2	22.5	11.9	...	...	...
Taiwan Province	1993	...	21.8	4.7	9.6	78.8	78.3	68.6	11.5	12.2	13.8	9.7	9.5	17.6
The f. Yugosl. Rep. of Macedonia	1993	...	...	...	...	...	51.0	63.7	...	19.7	18.8	...	29.3	27.5
Thailand	1991	...	4.5	...	1.7	...	63.5	54.2	...	18.3	17.0	...	18.2	26.2
Tonga	1991	...	...	...	0.6	...	...	...	9.1	10.6	7.9	...	...	...
Trinidad and Tobago	1992	...	...	...	...	57.2	70.5	69.3	33.9	20.9	16.3	8.9	8.7	14.4
Turkey	1991	-1.3	15.8	...	6.5	55.5	58.0	60.8	15.7	15.0	16.2	14.7	17.0	23.0
Uruguay	1993	...	4.6	...	0.5	66.2	72.3	75.2	11.9	9.9	2.4	21.9	17.9	21.4
Venezuela	1993	...	13.0	...	3.0	61.5	67.0	58.8	19.7	14.1	9.5	18.8	18.9	31.7
Yugoslavia	1992	...	...	...	...	...	59.0	44.1	...	...	...	...	...	...
Zimbabwe	1992	...	7.3	...	2.3	38.6	43.9	54.4	18.6	15.5	14.1	42.6	39.7	31.6

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Wood and cork products (331)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	40.6	0.2	19.0	56.8	55.8	55.1	20.7	20.4	21.0	22.5	23.9	23.9
Austria	1993	...	45.9	1.6	23.3	74.2	72.7	72.1	13.4	12.0	13.9	12.4	15.3	14.1
Belgium	1992	...	36.4	...	...	74.6	57.9	59.3	...	...	...	...	...	...
Canada	1993	0.8	51.1	-0.3	26.6	59.7	54.3	58.5	23.6	22.3	18.1	16.6	13.4	23.4
Denmark	1991	-4.1	34.7	-0.6	25.9	57.3	53.8	53.6	29.3	34.8	34.6	13.4	11.4	11.8
Finland	1993	7.0	43.8	2.2	18.0	66.8	65.4	63.2	18.1	16.4	15.1	15.0	18.2	21.7
France	1993	1.8	45.4	...	...	61.6	60.1	56.7	25.7	22.7	...	12.7	17.2	...
Germany, western part	1992	3.2	69.9	2.4	29.8	55.3	55.0	...	21.0	19.2	...	23.7	25.9	...
Greece	1992	2.6	28.2	0.0	11.4	69.3	64.9	63.5	17.2	14.8	14.7	13.6	20.4	21.7
Iceland	1992	...	...	...	41.4	66.3	75.7	69.2	9.0	14.1	18.6	34.7	10.2	22.2
Ireland	1991	...	37.8	2.9	17.2	63.3	60.9	60.4	18.9	17.2	18.0	17.9	21.8	21.5
Israel	1992	...	21.1	...	16.3	59.6	61.6	64.9	28.1	26.7	27.1	12.3	11.6	8.0
Italy	1991	3.8	44.5	...	...	65.6	69.4	70.2	13.3	19.3	19.7	18.1	11.3	10.1
Japan	1993	-0.0	63.6	1.7	29.7	63.0	61.2	61.3	17.4	17.0	18.1	19.6	21.0	20.7
Netherlands	1993	...	41.6	...	26.2	67.0	65.8	64.3	26.9	21.2	22.6	6.1	12.9	13.2
Norway	1992	4.5	40.1	3.3	32.2	69.7	69.6	70.2	19.1	19.0	23.9	11.2	11.4	5.9
Portugal	1991	...	47.6	...	7.2	69.4	78.0	75.9	13.9	3.4	3.6	16.6	18.6	20.6
South Africa	1992	-1.3	6.3	1.4	4.2	66.0	60.0	68.4	18.7	19.1	21.1	15.3	20.9	10.6
Spain	1992	-0.1	32.1	1.9	14.1	58.6	62.9	61.6	17.0	14.8	16.4	24.4	22.3	21.0
Sweden	1993	4.3	44.9	2.1	21.8	63.9	60.4	69.7	14.6	13.2	14.7	21.5	26.4	16.6
United Kingdom	1992	...	42.8	1.4	21.0	63.2	61.6	60.5	18.1	17.8	19.4	18.7	20.7	20.1
United States of America	1993	0.4	55.4	-0.5	22.2	60.6	51.7	59.3	19.6	18.6	16.3	19.7	19.8	24.4
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	12.3	...	...	...
Armenia	1991	...	5.8	...	1.9	...	40.3	25.5	...	26.1	24.1	...	33.7	49.6
Bulgaria	1993	...	3.9	...	1.1	...	...	52.2	9.4	14.9	13.9	...	...	34.0
Czech Republic	1993	...	...	...	2.1	...	...	...	...	...	...	...	...	...
Hungary	1993	...	6.0	-0.6	2.7	71.2	...	71.4	10.4	13.9	12.9	18.4	...	16.8
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	2.7	4.0	...	...	...
Latvia	1992	...	...	...	1.5	...	...	...	...	24.1	13.7	...	...	...
Lithuania	1993	...	...	...	0.7	...	...	...	...	...	11.6	...	...	...
Poland	1993	...	5.7	...	2.3	...	61.1	65.5	...	9.4	13.8	...	29.6	20.6
Republic of Moldova	1991	...	...	...	...	...	...	...	...	27.6	14.5	...	...	...
Romania	1992	...	2.4	...	0.7	...	55.6	54.6	...	16.3	13.3	...	29.2	32.1
Russian Federation	1993	...	3.2	...	1.3	...	...	47.0	...	...	20.7	...	...	32.2
Slovakia	1993	...	...	...	1.8	...	...	...	...	...	16.6	...	...	...
Ukraine	1993	...	...	...	1.0	...	...	...	...	18.3	9.9	...	...	...
Developing countries														
Bahrain	1992	...	...	...	4.3	...	...	...	...	...	7.3	...	...	...
Belize	1992	...	4.9	...	3.1	...	69.3	62.4	...	21.0	23.8	...	9.7	13.9

a/ At current prices.

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

TABLE 1.12
(cont. in next page)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Wood and cork products (331)												
		Value added per employee		wages per employee		Costs of input materials and utilities		Costs of labour		Operating surplus				
		Real annual growth rate (percentage)	Value (1000 dollars)	Real annual growth rate (percentage)	Value (1000 dollars)	1985	LY	1985	LY	1985	LY			
		1985-LY	LY	1985-LY	LY	1985	LY	1985	LY	1985	LY			
Bolivia	1992	-3.1	6.0	6.5	1.7	86.0	88.2	66.6	20.7	10.8	9.2	13.3	19.9	24.2
Chile	1992		15.7		4.1	48.6	60.3	55.9	8.3	9.8	11.4	43.2	28.9	31.7
China	1993		2.3			69.6	78.7	65.8	5.0			25.6		
Colombia	1992	2.7	9.7	0.3	1.9	49.0	80.9	49.0	12.1	10.3	10.2	38.9	38.8	40.7
Costa Rica	1992		5.4	0.5	2.3	57.4	88.1	57.3	12.3	18.6	18.3	30.3	23.6	24.4
Croatia	1992		10.1		2.1	82.1	82.8	82.8		17.8	10.0			
Cyprus	1993	-2.3	20.2	2.3	9.6	56.7	57.6	56.8	19.2	17.9	17.6	24.1	24.5	23.2
Ecuador	1993	7.9	8.3	1.4	3.3	66.6	66.8	66.8	21.9	16.1	17.6	11.6	19.1	16.7
El Salvador	1993		4.1		1.9	60.0	39.7	39.7	15.0	18.1	28.1	26.0	11.6	32.3
Fiji	1991		9.7	1.0	4.8	65.6	70.2	67.1	19.8	18.4	15.4	14.7	11.6	15.6
Ghana	1993		4.2		1.0	27.2	27.2	43.0	10.9	19.3	13.0	61.9	6.0	43.9
Honduras	1992					67.6	74.7	74.4	24.6	19.3	17.4	7.7	6.0	8.2
Hong Kong	1992		13.6	3.9	7.6	72.7	78.3	74.8	18.0	12.7	14.1	11.4	9.0	11.1
India	1991	-0.2	1.3	0.4	0.5	79.1	78.9	78.9	10.1	7.8	7.8	10.8	13.3	13.3
Indonesia	1992	6.2	5.1	-2.0	0.7	64.6	66.3	62.8	8.9	5.7	5.1	28.6	29.0	32.1
Iran (Islamic Republic of)	1991					49.7	52.0	54.6	44.5	14.2	26.0	5.8	33.7	20.6
Jamaica	1992		2.9		1.4	71.0	34.6	48.0	22.7	32.3	24.6	6.2	33.1	20.6
Jordan	1993		5.8		1.8	75.9	61.0	66.6	15.1	10.6	10.6	6.0	28.6	24.0
Kenya	1993		1.0		0.5	67.6	79.6	84.0	15.3	9.4	7.7	17.2	11.0	8.3
Kuwait	1992	0.8	12.9		6.4	56.1	43.1	60.1	32.4	28.0	19.7	11.4	28.9	20.1
Malawi	1993		6.8		5.8	86.4	51.6	66.3	26.1	28.9	28.1	19.6	19.6	6.6
Malaysia	1992		6.9	-0.3	2.9	69.3	70.1	71.5	16.2	12.0	12.0	14.8	17.9	16.6
Mauritius	1992		6.2	5.9	2.9	80.6	48.1	64.8	30.4	15.3	21.2	5.9	36.7	24.0
Mexico	1991		1.0		3.6	66.4	68.9	66.6	10.8	11.9	14.3	32.8	28.1	29.2
Nepal	1991		2.2		0.4		88.7	57.1		14.6	8.2		26.7	34.7
Netherlands Antilles	1993				6.7									
Philippines	1991		3.8	2.9	1.3	70.6	63.2	61.1	14.6	15.3	13.3	14.6	21.6	26.6
Qatar	1993		5.9		3.2		44.6	58.1		22.1	22.9		33.4	19.0
Republic of Korea	1993	0.3	32.8	10.0	11.6	72.8	64.4	61.0	12.2	14.0	13.8	16.0	21.6	26.2
Senegal	1993		4.7		2.4		84.7			9.6			6.7	
Sierra Leone	1993		0.6		0.2			69.4			10.4			20.3
Singapore	1993	2.5	26.1	5.6	12.8	72.1	71.8	72.9	14.2	12.6	13.3	13.7	16.6	13.8
Slovenia	1992		8.7		6.6		73.6	73.0		20.8	17.4		5.7	9.6
Sri Lanka	1992						33.8	32.3	26.0	17.1	17.3		49.1	60.3
Suriname	1993													
Taiwan Province	1993		19.4	6.2	10.2	62.2	66.4	69.6	23.3	20.1	16.1	14.6	14.6	14.3
The f. Yugosl. Rep. of Macedonia	1993						57.3	57.3		29.2	21.1		13.5	21.6
Thailand	1991		9.4		1.9		70.1	66.2		7.4	8.7		22.5	36.1
Tonga	1992				1.2						37.4			
Trinidad and Tobago	1992				9.2						40.6		6.9	
Turkey	1991	5.9	15.1		6.7	56.7	68.7	69.1	34.4	30.2	30.4	17.6	20.8	17.2
Uruguay	1993		7.7		0.6	72.5	49.1	46.3	9.9	10.4	13.8	17.6	36.0	47.8
Venezuela	1993		5.7		2.7	57.4	59.9	54.7	18.7	14.9	6.7	27.6	22.7	16.6
Yugoslavia	1992						60.9	48.4		16.7	16.7		23.9	
Zimbabwe	1992		7.0		2.3	56.7	47.5	40.7	29.6	19.2	19.0	13.8	33.4	39.7

a/ At current prices

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Furniture, fixtures excl. metallic (332)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	29.6	-0.4	17.0	55.4	55.5	56.3	24.6	25.0	25.1	20.0	18.5	18.7
Austria	1993	...	39.9	2.4	23.4	59.6	60.0	57.5	25.2	23.2	24.9	15.2	15.8	17.6
Belgium	1992	...	84.3	...	...	67.5	67.4	65.9	...	...	...	...	...	...
Canada	1993	-2.9	35.8	0.1	20.1	48.7	49.1	49.5	27.7	29.9	28.4	23.5	21.0	22.2
Denmark	1991	-4.0	32.2	-1.0	23.4	49.5	49.8	49.7	31.0	39.3	35.6	14.5	10.9	13.7
Finland	1993	3.0	26.2	0.8	15.6	48.5	49.7	57.6	27.4	24.7	25.3	24.1	25.6	17.2
France	1993	2.2	60.6	...	...	56.6	56.7	48.7	19.7	25.0	...	13.6	17.3	...
Germany, western part	1992	1.5	68.3	2.4	31.9	51.8	52.0	49.4	25.5	23.7	23.4	22.7	24.2	26.6
Greece	1992	...	15.6	-0.4	8.0	54.9	55.6	55.3	24.7	21.4	21.6	20.6	22.9	22.0
Iceland	1992	...	46.5	5.5	35.7	50.4	59.1	54.5	30.8	34.0	34.9	15.8	5.9	10.6
Ireland	1991	...	29.5	2.0	13.8	58.2	55.3	52.5	25.1	21.5	22.2	16.7	23.3	25.3
Israel	1992	...	19.6	...	14.1	60.3	56.6	63.4	25.1	25.6	26.4	14.6	17.9	10.2
Italy	1991	...	43.5	...	...	66.2	70.0	69.2	16.9	20.0	21.4	17.9	10.0	9.5
Japan	1993	...	58.3	1.8	31.1	55.0	55.5	55.1	15.8	18.5	20.5	24.2	25.0	24.4
Netherlands	1993	...	39.0	...	25.3	64.2	64.4	62.6	29.2	22.1	24.3	6.6	13.5	13.2
Norway	1992	0.1	38.8	2.9	31.2	64.7	65.4	65.8	22.4	24.0	27.5	13.0	10.7	8.7
Portugal	1991	...	96.2	...	6.7	67.9	66.6	64.8	21.9	3.4	2.4	15.2	30.0	32.7
South Africa	1992	-3.3	6.8	...	5.7	66.7	64.7	70.0	27.4	22.9	25.1	5.9	12.4	4.9
Spain	1992	...	29.3	1.7	15.1	53.0	59.0	58.7	21.1	19.6	21.2	25.9	21.4	20.1
Sweden	1993	2.6	35.8	1.7	20.0	54.5	54.7	64.5	18.8	19.0	19.8	26.7	25.4	15.7
United Kingdom	1992	...	42.2	1.1	22.0	62.1	53.2	52.4	23.5	24.0	24.8	24.4	22.8	22.5
United States of America	1993	2.2	45.1	0.2	21.0	48.0	49.0	50.2	25.5	24.6	23.2	25.3	25.4	25.5
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.5	...	...	...	...	...	25.2	...	...	...
Armenia	1991	...	...	...	1.8	...	...	...	...	17.7	15.1	...	...	...
Bulgaria	1993	...	3.6	...	1.0	...	...	52.1	9.5	13.9	13.0	...	...	34.9
Czech Republic	1993	...	...	...	2.0	...	...	...	...	...	...	...	...	...
Hungary	1993	1.8	5.1	-0.2	2.6	57.8	...	66.6	12.3	15.6	15.9	19.9	...	16.5
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	3.8	5.1	...	...	...
Latvia	1992	...	...	...	1.5	...	...	...	...	16.2	15.1	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	14.4	...	...	...
Poland	1993	...	5.2	...	2.2	...	48.2	61.3	...	13.9	15.6	...	37.9	22.1
Republic of Moldova	1993	...	...	...	...	...	...	...	...	15.5	15.1	...	...	...
Romania	1992	...	1.0	...	0.7	...	63.8	67.9	...	36.0	22.1	...	0.2	10.0
Russian Federation	1993	...	4.2	...	1.3	...	...	47.9	...	...	16.1	...	...	35.0
Slovakia	1993	...	...	...	1.7	...	...	...	...	...	15.5	...	...	...
Ukraine	1993	...	...	...	1.2	...	...	...	...	19.6	10.9	...	...	...
Developing countries														
Bahamas	1991	...	23.6	...	12.6	...	27.3	40.1	...	30.3	32.1	...	42.4	27.8
Bahrain	1992	...	...	...	3.6	...	...	...	...	...	9.2	...	...	...

a/ At current prices

b/ Excluding countries of eastern Europe and the former USSR

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Furniture, fixtures excl. metallic (332)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Belize	1992	...	3.0	...	1.6	...	55.7	59.6	...	14.1	15.1	...	30.2	15.3
Bolivia	1992	...	2.8	...	1.3	38.9	60.0	58.4	17.3	20.7	19.8	43.8	19.2	21.8
Chile	1992	...	15.1	7.6	4.1	60.0	50.1	47.6	13.5	14.5	14.4	36.5	35.4	38.0
China	1993	...	2.5	...	...	66.0	73.3	68.6	1.8	...	...	32.5	...	...
Colombia	1992	-6.2	4.8	-0.4	1.6	50.7	64.8	60.3	18.1	14.6	12.6	31.2	30.7	27.1
Costa Rica	1992	...	8.5	1.6	1.9	68.1	68.7	68.0	8.3	6.9	7.0	23.6	24.4	24.9
Croatia	1992	...	7.4	...	2.0	...	53.9	55.0	...	21.7	12.0	...	24.4	33.0
Cyprus	1993	3.9	14.9	2.9	9.2	55.0	64.4	58.7	20.9	24.7	27.4	24.1	20.9	16.9
Ecuador	1993	...	5.5	...	2.3	48.8	67.1	59.9	21.5	22.7	26.6	29.8	10.2	13.6
El Salvador	1993	...	6.8	...	2.2	44.4	...	54.7	13.0	...	14.8	42.5	...	30.5
Fiji	1991	...	4.6	-2.1	3.0	64.6	71.3	68.3	22.8	19.8	20.5	12.6	8.9	11.2
Ghana	1993	...	1.7	...	0.8	52.2	...	51.8	9.2	...	22.6	38.6	...	26.5
Honduras	1992	...	...	...	...	60.2	66.4	67.6	29.2	16.7	17.4	10.6	18.9	14.9
Hong Kong	1992	...	15.3	3.8	9.5	67.1	61.1	65.7	23.8	25.6	21.4	9.1	13.3	12.9
India	1991	...	0.9	1.9	0.8	78.8	73.9	76.8	19.4	18.9	19.7	1.8	7.2	4.6
Indonesia	1992	...	2.2	-1.0	0.6	60.8	62.7	58.1	19.6	13.0	11.6	19.6	24.3	30.3
Iran (Islamic Republic of)	1991	...	...	...	...	47.7	60.6	57.5	46.5	16.6	18.5	5.9	20.8	24.1
Jamaica	1992	...	4.6	...	3.1	69.0	66.9	75.8	16.1	16.3	15.2	14.9	16.8	8.0
Jordan	1993	...	6.6	...	2.0	69.7	63.0	52.1	19.6	12.6	14.8	10.6	24.6	33.2
Kenya	1993	-4.8	1.7	...	0.7	68.3	48.5	54.8	14.4	26.1	17.7	17.3	26.3	27.5
Kuwait	1992	...	14.0	...	6.4	55.1	46.5	60.4	26.1	27.8	22.7	19.8	26.7	26.9
Macau	1993	...	9.9	...	6.3	64.4	52.3	62.6	33.7	30.5	30.6	11.9	17.1	17.0
Malaysia	1992	...	5.8	-0.1	2.8	61.2	64.8	65.6	20.7	15.8	16.5	18.0	19.4	18.1
Mauritius	1992	...	7.0	...	3.9	69.3	73.6	57.3	19.6	20.0	23.7	11.1	5.5	19.1
Mexico	1991	...	10.7	...	4.2	61.2	61.3	60.3	12.2	13.8	15.7	26.6	24.9	24.1
Nepal	1991	...	1.6	...	0.5	...	58.5	57.0	...	10.6	13.2	...	31.1	29.9
Netherlands Antilles	1993	...	...	...	9.9	...	...	...	...	...	...	...	...	...
Philippines	1991	...	2.5	5.2	1.2	64.7	51.9	51.4	23.5	24.8	23.7	11.8	23.2	24.9
Qatar	1993	...	10.4	...	4.3	...	33.3	48.1	...	34.2	21.3	...	32.6	30.6
Republic of Korea	1992	-4.1	33.5	10.1	11.7	59.0	52.2	50.7	17.6	17.2	17.2	23.6	30.7	32.1
Senegal	1993	...	3.3	...	3.0	...	75.6	...	...	15.0	...	...	9.4	...
Sierra Leone	1993	...	1.3	...	0.3	...	...	48.8	...	...	11.9	...	...	59.2
Singapore	1993	4.6	19.6	5.3	11.3	63.1	68.6	67.4	20.4	19.2	18.8	16.5	12.1	13.8
Sri Lanka	1992	...	...	...	...	...	52.3	50.0	18.2	23.1	30.8	...	24.6	19.2
Suriname	1993	...	...	...	...	...	...	...	20.0	25.0	14.4	...	...	...
Taiwan Province	1993	...	18.1	6.4	12.0	41.0	41.8	44.0	36.3	32.6	37.1	22.7	25.6	18.9
The f Yugosl. Rep. of Macedonia	1993	...	...	...	...	...	58.7	53.4	...	21.7	20.1	...	19.5	26.4
Thailand	1991	...	5.5	...	1.9	...	67.6	49.2	...	11.3	10.3	...	21.1	40.5
Trinidad and Tobago	1992	...	...	...	4.0	69.2	...	...	20.2	18.5	16.0	10.6	...	...
Turkey	1991	1.5	22.3	...	5.1	44.3	58.0	50.7	6.1	8.8	11.3	49.6	33.2	38.0
Uruguay	1993	...	8.7	...	0.4	52.2	51.5	55.3	20.3	15.3	1.9	27.5	33.2	42.8
Venezuela	1993	...	6.4	...	3.1	55.9	60.7	64.4	21.5	17.0	17.0	22.5	22.3	18.6
Yugoslavia	1992	...	...	...	...	...	55.9	46.2	...	...	...	...	...	...
Zimbabwe	1992	...	4.0	...	1.8	50.5	50.3	57.5	25.1	17.2	19.0	24.4	32.5	23.5

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Paper (341)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	72.9	1.7	28.7	63.6	60.1	61.7	18.2	16.3	16.0	18.3	23.6	23.2
Austria	1993	5.0	59.7	1.8	34.5	72.3	66.1	69.7	14.5	14.6	17.6	13.2	17.2	12.8
Belgium	1992	4.4	59.6	2.2	27.6	73.2	73.8	73.8	11.8	10.7	12.2	18.1	15.5	14.0
Canada	1993	1.9	60.6	0.2	35.1	60.0	58.3	64.3	20.1	19.9	20.7	20.0	22.7	16.0
Denmark	1991	-0.7	60.2	1.0	33.4	58.9	53.8	62.9	22.0	26.0	26.2	19.1	20.2	21.0
Finland	1993	4.7	74.7	2.3	26.2	70.6	63.0	66.1	10.1	13.3	11.9	19.3	17.6	22.0
France	1993	4.1	53.9	...	...	67.9	66.9	67.8	20.9	19.0	...	11.2	16.1	...
Germany, western part	1991	2.1	93.1	...	...	...	...	...	...	...	...	...	...	...
Greece	1992	3.9	40.5	-0.4	14.5	75.0	67.4	68.1	16.0	16.3	16.0	10.0	22.3	26.9
Iceland	1992	...	42.2	1.9	32.3	64.0	61.6	63.1	26.8	27.1	28.3	10.1	11.4	8.6
Ireland	1991	-0.4	53.3	2.5	23.8	62.9	60.1	69.4	17.7	16.8	18.2	19.4	23.1	22.6
Israel	1992	...	34.2	...	21.0	71.0	66.1	66.3	18.8	18.8	19.6	10.7	16.2	12.3
Italy	1991	2.8	63.0	...	...	71.2	70.0	68.4	11.0	17.6	19.4	17.3	12.4	12.2
Japan	1993	2.9	116.1	1.6	39.0	66.4	61.0	68.4	12.0	12.2	13.9	21.6	26.8	27.6
Netherlands	1993	1.9	63.3	...	33.1	68.9	66.2	62.6	16.7	14.7	19.6	12.4	19.1	17.9
New Zealand	1991	...	...	...	25.9	69.8	66.1	...	16.6	14.9	...	13.6	19.0	...
Norway	1992	3.8	55.4	4.2	39.6	74.1	73.6	76.4	13.2	11.9	16.9	12.7	14.7	6.7
Portugal	1991	...	46.0	...	14.4	64.8	70.2	72.6	6.3	7.6	6.6	26.9	22.0	16.8
South Africa	1992	-2.8	23.7	0.7	10.6	67.0	63.9	66.6	13.8	13.5	16.0	19.2	22.6	18.4
Spain	1992	...	53.2	2.7	26.2	68.4	69.6	70.0	10.8	12.6	14.2	20.8	17.7	16.6
Sweden	1993	4.8	62.7	1.3	25.2	62.6	61.6	69.2	11.8	11.8	12.4	26.7	26.7	16.4
Switzerland	1993	...	61.2	...	...	...	66.2	62.6	...	...	...	...	...	...
United Kingdom	1992	4.2	62.4	2.2	26.9	69.1	66.9	64.3	18.8	18.8	19.7	22.1	24.3	26.0
United States of America	1993	3.4	96.5	-0.1	33.8	66.8	64.6	66.6	16.4	14.4	16.6	26.6	31.1	26.9
Countries of eastern Europe and the former USSR														
Armenia	1991	...	2.9	...	1.4	...	90.1	86.9	...	9.6	6.6	...	0.4	6.6
Bulgaria	1993	...	3.1	...	1.2	...	...	74.8	7.1	6.6	10.3	...	...	16.1
Czech Republic	1993	...	...	...	2.3	...	...	...	...	...	...	...	...	...
Hungary	1993	0.5	10.1	1.6	4.1	70.1	...	71.6	7.0	6.6	11.6	22.0	...	16.9
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	1.3	3.4	...	...	...
Latvia	1992	...	...	...	1.6	...	...	...	...	10.8	6.1	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	16.3	...	...	...
Poland	1993	...	7.9	...	2.7	...	64.7	69.8	...	6.8	10.3	...	38.4	19.9
Republic of Moldova	1993	...	...	...	...	...	...	...	...	...	...	...	...	...
Romania	1992	...	2.3	...	0.8	...	71.9	73.1	...	12.7	6.6	...	...	...
Russian Federation	1993	...	5.6	...	1.6	...	...	67.2	...	12.7	9.6	...	16.4	17.3
Slovakia	1993	...	...	...	2.0	...	...	...	...	...	12.2	...	...	30.6
Ukraine	1993	...	...	...	0.9	...	...	...	...	10.0	4.6	...	...	...
Developing countries														
Bahrain	1992	...	...	...	4.5	...	...	...	...	...	11.6	...	...	...

a/ At current prices

b/ Excluding countries of eastern Europe and the former USSR

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Paper (341)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Belize	1992	...	10.2	...	4.9	...	76.6	67.2	...	12.2	16.9	...	11.2	16.9
Bolivia	1992	...	8.7	...	1.6	61.2	79.6	63.8	7.9	7.8	8.3	10.9	17.6	38.0
Cameroon	1993	...	14.8	...	9.1	...	73.0	73.7	...	11.6	16.3	...	15.4	10.1
Chile	1992	...	65.3	1.2	8.2	49.1	60.2	62.4	5.3	6.0	6.0	46.6	44.7	41.6
China	1993	...	2.1	...	...	69.3	76.0	75.3	4.2	...	...	26.4	...	...
Colombia	1992	5.6	26.1	1.4	4.0	63.2	64.2	64.8	5.5	4.6	6.4	31.4	31.2	29.0
Costa Rica	1992	...	16.9	2.8	4.6	72.5	75.0	74.6	6.3	6.7	7.0	21.1	19.3	16.6
Croatia	1992	...	12.6	...	2.6	...	55.3	61.6	...	14.9	7.8	...	29.8	30.7
Cyprus	1993	-0.1	22.1	2.8	11.0	71.1	73.5	66.2	12.2	11.8	16.8	16.7	14.7	17.1
Ecuador	1993	-1.1	13.8	0.4	4.5	78.2	84.9	76.0	8.6	6.4	7.8	13.2	9.7	16.2
El Salvador	1993	...	11.5	...	8.6	47.6	...	62.4	11.6	...	28.1	40.8	...	9.5
Fiji	1991	...	17.0	1.4	5.2	70.3	67.5	73.5	13.1	7.6	8.1	16.0	24.9	16.4
Ghana	1993	...	7.6	...	1.4	48.1	...	55.6	12.7	...	6.0	39.2	...	36.4
Honduras	1992	...	...	...	...	82.7	80.7	78.4	10.2	8.1	10.2	7.0	11.2	11.4
Hong Kong	1992	14.5	24.5	7.3	12.3	75.4	74.2	71.6	15.3	13.7	14.2	9.3	11.4	14.2
India	1991	3.4	3.1	2.0	1.2	85.9	80.2	81.6	8.7	6.8	7.0	6.6	13.0	11.6
Indonesia	1992	-3.4	9.7	1.8	1.2	70.5	64.6	64.3	6.6	3.1	4.3	23.0	32.3	31.4
Iran (Islamic Republic of)	1991	...	...	...	...	49.0	56.2	60.0	27.6	14.2	16.7	27.6	29.0	24.3
Jordan	1993	...	9.0	...	3.4	77.2	69.6	74.4	13.6	8.1	9.6	6.3	22.3	16.0
Kenya	1993	-3.2	3.0	...	0.9	79.4	73.3	81.6	7.2	8.2	6.6	13.3	18.6	12.3
Kuwait	1992	...	20.3	...	7.6	64.1	60.7	65.6	17.6	6.7	12.9	18.4	42.6	21.6
Macao	1993	...	9.0	...	6.3	73.7	69.5	73.0	16.3	17.9	16.0	11.1	12.6	11.0
Malaysia	1992	...	13.2	4.1	4.1	65.5	67.9	66.7	11.6	9.3	10.7	22.9	22.8	23.6
Mauritius	1992	...	13.0	...	3.7	65.6	61.5	66.8	14.4	10.1	11.8	19.9	26.4	29.4
Mexico	1991	...	23.1	...	6.0	68.1	66.8	68.2	7.3	7.4	8.2	24.6	23.8	23.6
Nepal	1991	...	1.9	...	0.6	...	64.2	64.0	...	4.1	10.0	...	27.1	26.0
Netherlands Antilles	1993	...	...	...	12.3	...	...	...	...	...	...	...	...	...
Philippines	1991	...	11.3	6.2	2.3	66.6	64.4	66.3	4.9	6.7	6.9	28.6	28.0	26.9
Puerto Rico	1991	...	32.0	...	...	...	76.5	73.3	...	...	...	...	...	...
Qatar	1993	...	4.2	...	2.8	...	60.0	66.7	...	46.1	22.4	...	3.9	10.9
Republic of Korea	1993	7.6	60.8	9.3	13.0	69.5	66.1	68.8	8.3	9.3	10.5	22.2	24.7	30.7
Senegal	1993	...	18.2	...	7.3	...	73.1	...	...	10.0	...	...	16.9	...
Sierra Leone	1993	...	4.7	...	1.0	...	44.6	...	...	...	11.7	...	...	43.7
Singapore	1993	0.4	47.9	4.7	16.3	63.6	68.0	63.0	13.8	12.1	16.0	32.7	29.9	31.3
Slovenia	1993	...	...	...	...	...	...	73.2	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	36.8	49.1	10.2	13.2	13.6	...	60.	37.4
Suriname	1993	...	...	...	...	...	...	...	10.0	6.6	5.6	...	...	...
Taiwan Province	1993	...	24.3	6.1	13.9	66.7	70.8	72.2	16.8	12.0	16.9	26.5	16.7	11.9
The f Yugosl Rep of Macedonia	1993	...	...	...	...	...	68.0	62.6	...	21.1	16.3	...	16.8	21.0
Thailand	1991	...	9.2	...	2.0	...	84.4	71.9	...	2.4	3.1	...	13.2	22.0
Trinidad and Tobago	1992	...	15.2	...	7.5	62.3	68.4	53.1	27.4	16.0	15.1	10.3	16.6	16.8
Turkey	1991	6.0	26.6	...	9.4	64.9	58.6	56.5	8.7	12.5	16.4	26.4	26.9	26.0
Uruguay	1993	6.0	21.0	...	2.9	60.2	69.7	64.8	10.6	10.4	6.2	39.4	29.8	30.1
Venezuela	1993	...	22.1	...	5.6	59.8	62.5	34.8	12.1	9.7	8.9	28.0	27.8	26.3
Yugoslavia	1992	...	...	...	...	...	66.9	46.9	...	...	...	...	...	...
Zimbabwe	1992	...	14.1	...	3.5	67.7	58.6	63.4	21.9	16.9	11.6	20.4	26.6	36.0

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Printing and publishing (342)														
Country or area	Latest year (LY)	Value added per employee		wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	51.2	0.7	25.1	44.0	44.3	43.6	27.0	24.9	25.4	28.9	30.9	30.9
Austria	1992	...	54.0	4.1	37.5	52.8	58.9	58.8	29.3	26.9	28.6	17.8	14.2	12.6
Belgium	1992	...	53.8	1.8	27.6	58.7	58.4	58.4	24.9	21.0	21.4	16.3	20.6	20.3
Canada	1993	-2.4	52.7	0.3	27.8	38.5	37.8	37.3	30.1	32.6	33.0	31.4	29.7	29.7
Denmark	1991	...	25.3	...	25.2	36.0	36.0	35.1	43.3	68.6	68.0	20.7	6.4	6.9
Finland	1993	2.9	38.8	1.2	22.2	41.9	56.6	56.0	24.6	24.9	25.3	33.6	19.6	18.7
France	1993	2.3	70.8	...	...	56.9	58.6	52.1	30.8	28.8	...	10.3	13.0	...
Germany, western part	1992	1.4	64.3	2.2	37.2	49.8	50.6	48.3	29.0	28.1	29.9	21.2	21.4	21.8
Greece	1992	-5.5	32.3	0.3	14.2	56.3	48.1	45.2	26.2	22.1	24.0	17.6	29.7	30.7
Iceland	1992	...	48.2	4.6	32.9	49.5	46.3	50.0	33.3	36.6	34.2	17.2	17.1	16.8
Ireland	1991	6.8	61.9	3.1	26.3	35.1	36.2	36.1	34.6	31.6	32.4	30.3	32.3	31.6
Israel	1992	...	29.9	...	19.5	49.9	48.8	53.1	29.0	31.3	30.6	21.1	20.0	16.4
Italy	1991	3.3	76.2	...	...	59.3	54.3	62.0	18.9	29.2	31.1	21.8	16.6	16.8
Japan	1993	1.4	110.8	1.4	45.2	47.2	47.4	46.6	22.3	20.3	21.8	30.6	32.3	31.7
Netherlands	1993	2.2	59.3	...	32.8	61.4	50.7	55.1	28.4	22.1	24.8	10.2	17.2	20.0
New Zealand	1991	...	...	...	17.3	55.9	54.9	...	26.0	28.4	...	18.1	16.7	...
Norway	1992	1.7	46.2	3.4	36.6	56.8	56.7	55.2	27.9	28.2	34.6	16.2	15.1	10.3
Portugal	1991	...	56.6	...	12.0	53.5	62.8	65.4	22.9	8.7	7.6	23.7	26.6	27.1
South Africa	1992	-2.9	16.3	-0.4	11.9	45.5	50.1	49.6	38.2	34.1	36.9	16.3	15.8	13.5
Spain	1992	...	63.0	3.3	25.5	46.7	54.6	54.9	20.8	18.2	18.2	32.5	27.3	26.0
Sweden	1993	-2.5	43.5	0.6	25.0	34.7	36.8	62.8	25.0	23.7	21.4	40.3	39.6	16.8
Switzerland	1993	...	64.2	...	...	...	51.6	51.0	...	...	...	...	...	...
United Kingdom	1992	4.4	75.0	1.3	30.0	38.2	38.4	37.1	26.3	25.9	25.1	33.6	35.7	37.7
United States of America	1993	-0.1	78.1	0.1	28.1	34.9	34.3	32.3	25.1	24.7	24.4	40.0	41.0	43.3
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	14.0	...	...	...
Bulgaria	1993	...	5.3	...	1.9	...	...	63.4	12.2	11.6	12.9	...	...	23.7
Czech Republic	1993	...	...	...	2.7	...	...	...	...	...	...	...	...	...
Hungary	1993	-0.8	12.4	4.5	4.6	63.4	...	66.0	11.0	15.6	12.7	25.6	...	21.3
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	9.0	12.6	...	...	...
Latvia	1992	...	...	...	1.5	...	...	...	...	15.4	21.3	...	...	...
Lithuania	1993	...	...	...	1.0	...	...	...	...	...	23.7	...	...	...
Poland	1993	...	5.6	...	2.6	...	41.2	54.8	...	16.5	19.7	...	42.4	26.6
Republic of Moldova	1993	...	...	...	...	...	...	...	...	28.5	21.2	...	...	...
Romania	1992	...	1.6	...	0.8	...	52.9	74.3	...	16.2	12.6	...	31.8	13.1
Russian Federation	1993	...	3.8	...	1.3	...	...	26.2	...	...	25.4	...	...	48.4
Slovakia	1993	...	...	...	2.6	...	...	...	...	...	14.8	...	...	...
Ukraine	1993	...	...	...	1.1	...	...	...	...	...	17.2	...	...	...
Developing countries														
Bahamas	1991	...	23.3	...	16.4	...	37.3	48.0	...	36.0	36.6	...	26.7	16.4

a/ At current prices.

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Printing and publishing (342)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
Bahrain	1992	...	...	...	6.6	...	...	...	...	...	18.4	...	...	...
Belize	1992	...	5.8	...	3.8	...	57.7	69.9	...	30.7	19.6	...	11.6	10.5
Bolivia	1992	-2.0	9.3	...	3.9	50.7	68.5	61.9	10.6	18.4	15.8	38.7	16.1	22.4
Chile	1992	...	34.4	5.9	9.8	43.3	-3.7	42.8	16.0	14.3	16.3	41.6	42.0	40.8
China	1993	...	2.3	...	...	65.4	71.4	33.4	...	...	...	26.3	...	...
Colombia	1992	-4.0	15.9	0.5	2.4	61.8	64.6	39.1	12.0	10.1	9.3	36.2	36.4	51.6
Costa Rica	1992	...	8.8	1.8	3.7	65.0	66.7	65.0	15.9	14.6	14.8	19.1	19.6	20.3
Croatia	1992	...	10.9	...	3.2	...	46.0	50.5	...	20.4	14.6	...	33.6	35.0
Cyprus	1993	-1.5	22.8	2.7	13.0	58.5	57.7	54.0	23.7	23.2	26.2	20.5	19.1	19.8
Ecuador	1993	9.7	9.1	-0.1	4.7	59.0	69.2	63.8	24.4	13.9	18.4	16.6	16.9	17.7
El Salvador	1993	...	13.7	...	2.8	49.2	...	43.7	13.0	...	11.3	37.9	...	46.0
Fiji	1991	...	7.3	-1.5	4.8	61.3	66.3	67.1	28.7	18.5	21.7	10.0	16.2	11.2
Ghana	1993	...	1.9	...	1.1	48.1	...	66.2	...	...	20.9	28.6	...	12.9
Honduras	1992	...	...	...	...	62.8	61.6	62.7	29.4	27.6	21.7	17.8	11.0	15.6
Hong Kong	1992	14.5	26.0	4.9	12.3	59.4	57.7	57.5	21.6	19.7	20.2	18.9	22.6	22.3
India	1991	...	2.4	3.0	1.3	73.4	74.2	72.3	19.5	17.1	15.1	10.1	8.7	12.6
Indonesia	1992	...	6.0	-0.0	1.2	61.7	69.7	65.8	19.2	8.9	8.8	19.2	21.4	35.4
Iran (Islamic Republic of)	1991	...	...	...	...	37.2	30.8	34.9	36.7	20.1	27.2	26.1	41.1	37.9
Iraq	1992	...	...	...	...	57.9	...	49.1	24.1	...	16.2	18.0	...	34.7
Jordan	1993	...	10.4	...	3.5	61.5	62.5	62.9	27.6	19.3	12.4	10.9	18.2	24.7
Kenya	1993	0.7	2.4	...	1.2	71.1	64.0	71.0	14.9	18.0	14.1	13.7	18.0	14.9
Kuwait	1992	...	11.5	...	9.1	47.1	...	46.8	34.9	...	43.6	17.9	...	9.6
Macao	1993	...	11.9	...	6.6	52.1	53.8	50.2	37.2	32.4	27.8	10.7	13.8	21.9
Malaysia	1992	...	15.5	1.3	5.3	48.0	52.0	48.4	22.6	17.5	17.6	29.4	30.4	34.1
Mauritius	1992	...	11.0	...	5.2	67.8	63.6	60.5	24.2	20.9	23.6	18.0	25.6	26.0
Mexico	1991	...	17.1	...	5.8	65.3	65.0	65.3	16.2	14.2	16.2	29.6	29.9	29.5
Nepal	1991	...	0.9	...	0.3	...	70.9	72.6	...	28.2	10.5	...	2.9	17.0
Netherlands Antilles	1993	...	...	...	13.9	...	...	...	...	...	...	...	...	...
Philippines	1991	...	4.2	5.0	1.8	64.9	56.6	58.0	12.8	16.4	18.2	22.3	25.0	23.8
Puerto Rico	1991	...	44.7	...	...	...	58.0	59.7	...	...	...	...	...	...
Qatar	1993	...	16.0	...	8.0	...	37.0	39.8	...	26.1	30.2	...	37.0	29.9
Republic of Korea	1993	2.8	44.2	8.3	14.6	46.8	40.2	37.4	18.2	19.0	20.7	36.0	40.8	41.9
Senegal	1993	...	12.4	...	7.3	...	68.2	...	...	16.7	...	...	16.1	...
Sierra Leone	1993	...	7.1	...	0.2	...	...	57.7	...	...	4.4	...	...	38.0
Singapore	1993	4.6	46.5	5.7	18.3	45.9	46.5	41.4	23.4	21.7	23.1	30.7	31.8	35.5
Slovenia	1993	...	...	...	...	...	...	57.7	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	52.3	33.4	18.1	9.0	6.0	...	28.8	61.6
Suriname	1993	...	...	...	...	...	...	...	40.0	24.7	21.2	...	...	...
Taiwan Province	1993	...	17.1	7.1	16.0	59.8	72.4	60.3	28.4	22.2	37.2	11.8	5.4	2.5
The f Yugosl. Rep. of Macedonia	1993	...	...	...	...	...	46.0	39.0	...	25.9	33.4	...	26.1	27.6
Tonga	1992	...	...	...	2.8	...	...	...	22.0	24.8	43.3	...	...	...
Trinidad and Tobago	1992	...	13.5	...	7.2	49.9	56.4	53.7	34.1	29.0	24.8	16.0	16.7	21.5
Turkey	1991	-2.6	36.0	...	9.2	54.7	49.2	54.5	12.0	11.6	11.6	33.3	39.1	33.9
Uruguay	1993	-3.6	21.6	...	3.4	53.1	48.9	45.9	20.3	14.4	6.4	26.6	36.7	44.7
Venezuela	1993	...	17.8	...	4.5	53.5	62.9	54.5	22.9	15.1	11.6	23.6	21.9	34.1
Yugoslavia	1992	...	...	...	...	...	42.5	39.8	...	...	...	...	...	...
Zimbabwe	1992	...	10.9	...	4.8	33.6	35.3	37.7	31.8	27.5	27.4	34.6	37.1	34.9

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Industrial chemicals (351)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	113.0	2.4	33.8	66.6	63.8	62.2	11.0	10.4	11.3	23.4	26.7	26.6
Austria	1993	...	59.8	2.0	36.5	76.0	72.4	70.7	13.1	13.9	17.9	10.9	13.7	11.4
Belgium	1992	...	84.6	1.6	37.4	71.1	67.0	68.7	10.7	13.6	13.8	18.2	19.4	17.4
Canada	1993	3.4	125.3	-0.7	37.4	70.9	62.4	64.4	9.8	10.4	10.6	19.3	27.2	25.0
Denmark	1991	2.5	105.4	0.6	34.6	56.8	49.1	46.1	17.2	16.9	17.7	26.0	34.1	36.2
Finland	1993	4.9	76.3	2.4	24.7	68.6	61.2	61.3	10.8	12.7	12.6	20.8	26.1	26.2
France	1993	4.1	67.6	...	...	73.1	64.2	70.2	16.1	17.4	...	10.9	18.4	...
Germany, western part	1992	0.9	114.4	2.4	47.6	56.2	...	...	14.9	...	...	23.0	...	...
Greece	1992	1.6	46.8	-0.6	22.6	71.7	66.7	62.3	11.8	15.6	18.2	16.6	18.7	19.6
Iceland	1992	...	70.6	6.2	45.3	73.4	59.0	58.9	19.1	21.6	26.3	7.5	19.5	14.7
Israel	1992	...	70.9	...	40.5	64.2	67.1	66.6	12.6	17.8	19.1	23.3	16.1	14.4
Italy	1991	...	61.1	...	...	76.4	73.0	76.6	10.1	16.8	17.9	14.6	10.2	6.6
Japan	1993	3.3	267.4	1.4	64.3	66.1	64.6	60.8	7.6	8.3	10.0	26.3	37.2	39.2
Netherlands	1993	...	81.3	...	44.1	77.8	70.2	72.8	11.1	11.6	14.7	11.1	18.1	12.4
New Zealand	1991	...	...	...	21.3	76.9	68.6	...	10.1	12.0	...	14.1	19.6	...
Norway	1992	3.5	87.3	6.2	62.9	71.6	67.9	72.0	10.6	12.0	17.0	17.9	20.1	11.1
Portugal	1991	...	49.5	...	16.1	83.1	73.4	79.9	4.4	7.3	6.6	12.6	19.3	13.6
South Africa	1992	1.7	34.8	2.5	14.9	66.3	74.2	66.6	13.0	14.6	14.7	21.7	11.1	19.6
Spain	1992	...	85.1	3.1	31.5	73.6	70.6	69.3	6.7	9.6	11.4	19.7	20.0	19.3
Sweden	1993	2.0	76.0	1.6	26.1	63.2	54.9	64.3	10.1	11.6	12.3	26.7	33.6	23.6
United Kingdom	1992	3.4	105.9	3.0	35.7	67.6	61.0	59.4	9.6	11.9	13.7	23.0	27.1	26.9
United States of America	1993	4.6	190.4	0.2	42.0	60.6	63.8	64.2	11.2	9.6	10.1	26.2	36.6	35.7
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	20.6	...	...	...
Armenia	1991	...	...	...	2.6	...	...	...	...	18.6	16.1	...	...	...
Bulgaria	1993	...	2.5	...	1.8	...	...	83.2	7.0	10.9	12.1	...	...	4.7
Czech Republic	1993	...	...	...	2.7	...	...	...	...	...	...	...	...	...
Hungary	1993	...	8.8	1.7	4.1	78.6	...	79.2	4.6	6.6	9.7	16.6	...	11.1
Kyrgyzstan	1992	...	...	...	...	...	...	...	...	...	7.6	...	...	...
Latvia	1992	...	...	...	2.3	...	...	...	...	7.9	5.7	...	...	...
Lithuania	1993	...	...	...	0.9	...	...	...	...	...	4.9	...	...	...
Poland	1993	...	8.0	...	2.6	...	58.8	72.8	...	6.1	8.9	...	35.1	18.3
Republic of Moldova	1993	...	...	...	...	...	...	...	...	10.7	12.4	...	...	...
Romania	1992	...	...	...	...	...	90.9	79.3	...	...	...	...	...	...
Russian Federation	1993	...	6.1	...	1.6	...	...	62.7	...	...	8.7	...	...	38.6
Slovakia	1993	...	...	...	2.3	...	...	...	...	...	9.7	...	...	...
Ukraine	1993	...	...	...	1.1	...	...	...	...	10.4	3.0	...	...	...
Developing countries														
Bahrain	1992	...	...	...	15.1	...	...	...	...	...	14.3	...	...	...
Bolivia	1992	...	10.1	...	3.7	48.3	53.3	46.3	11.8	20.7	19.9	40.0	26.1	33.8

a/ At current prices.

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Industrial chemicals (351)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
Chile	1992	...	79.3	3.1	10.1	51.3	46.7	50.1	7.0	8.6	6.3	41.7	46.7	43.6
China	1993	...	3.4	...	...	67.1	72.4	67.3	5.7	...	...	27.3	...	...
Colombia	1992	5.2	35.1	1.1	4.6	63.8	67.2	60.7	6.2	4.3	5.2	30.0	28.6	34.1
Costa Rica	1992	...	18.5	-0.4	4.2	75.3	75.8	75.3	5.2	7.4	5.6	19.6	16.8	19.0
Croatia	1992	...	12.7	...	2.7	...	81.6	74.6	...	14.3	5.3	...	4.1	20.1
Cyprus	1993	...	20.6	-0.2	11.5	69.0	64.9	72.0	23.4	11.5	15.6	7.6	23.6	12.4
Ecuador	1993	-1.5	15.0	-2.2	4.7	70.9	73.3	66.0	9.6	11.6	10.6	19.5	15.1	23.4
El Salvador	1993	...	23.3	...	6.3	51.8	...	70.9	5.9	...	7.9	42.3	...	21.2
Ghana	1993	...	10.1	...	2.0	33.4	...	78.9	19.6	...	4.1	47.1	...	17.0
Honduras	1992	...	...	...	...	60.2	62.5	60.8	18.3	10.2	12.0	21.4	27.3	27.2
Hong Kong	1992	...	41.7	7.3	14.7	75.7	85.1	75.4	9.6	5.5	8.3	14.8	7.4	15.3
India	1991	8.6	6.2	2.0	2.1	82.2	83.2	85.9	6.3	5.2	4.9	11.5	11.5	9.3
Indonesia	1992	-7.3	23.8	...	1.9	65.4	69.9	59.9	8.3	3.7	3.2	26.4	26.3	37.0
Iran (Islamic Republic of)	1991	...	...	...	...	49.7	53.6	47.2	30.3	14.8	16.4	20.1	31.6	38.4
Iraq	1992	...	...	...	...	46.5	...	74.9	12.3	...	5.1	41.2	...	20.0
Jordan	1993	...	12.4	...	5.0	82.4	77.4	92.2	10.1	4.6	3.2	7.5	18.0	4.6
Kenya	1993	2.9	2.7	...	1.0	85.6	88.6	91.1	7.0	4.4	3.4	7.4	6.9	5.6
Malaysia	1992	...	94.5	-0.1	8.1	55.5	58.4	56.5	3.2	3.9	3.7	41.3	37.7	38.7
Mauritius	1992	...	19.9	6.4	4.9	78.8	85.9	67.5	5.8	6.3	8.0	15.3	27.7	24.6
Mexico	1991	...	43.7	...	7.9	58.9	55.1	55.2	6.2	7.4	8.1	34.9	37.5	36.7
Netherlands Antilles	1993	...	...	...	23.8	...	...	...	...	...	...	...	...	...
Philippines	1991	...	26.4	8.0	3.4	74.4	63.4	60.9	4.1	5.2	5.0	21.5	31.4	34.1
Puerto Rico	1991	...	26.1	...	...	...	66.3	51.1	...	...	...	...	...	...
Qatar	1993	...	...	...	...	...	23.0	47.0	...	16.3	13.0	...	60.7	40.1
Republic of Korea	1993	...	93.7	8.7	17.4	73.5	66.9	57.0	4.0	5.7	8.0	22.4	27.4	35.0
Senegal	1993	...	20.9	...	8.4	...	90.1	...	...	8.8	...	...	1.0	...
Singapore	1993	-0.7	102.4	4.9	31.1	79.8	66.4	67.1	6.2	6.2	10.0	14.0	27.4	22.9
Slovenia	1993	...	...	...	...	...	...	69.0	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	51.4	64.8	7.3	4.5	5.0	...	44.2	30.2
Taiwan Province	1993	...	62.3	6.5	19.0	72.4	72.8	72.7	5.9	7.1	8.3	21.7	20.1	19.0
Thailand	1991	...	53.3	...	8.1	...	62.0	58.2	...	5.6	6.3	...	31.3	35.5
Trinidad and Tobago	1992	...	...	...	25.1	...	65.1	63.6	...	6.5	7.3	...	27.5	29.1
Tunisia	1992	...	...	...	...	...	...	91.0	...	...	4.7	...	...	4.3
Turkey	1991	8.2	45.6	...	13.0	75.1	59.6	62.6	5.9	8.8	10.7	19.0	31.7	26.9
Uruguay	1993	...	45.2	...	6.1	63.7	63.4	56.1	8.1	5.5	5.9	28.2	31.2	38.0
Venezuela	1993	...	44.2	...	12.0	55.9	87.4	61.0	10.0	7.1	10.6	34.0	35.5	28.4
Yugoslavia	1992	...	...	...	...	...	76.6	42.3	...	...	...	...	...	...

a/ At current prices

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other chemicals (352)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	82.7	0.3	24.9	54.5	53.0	54.1	17.9	14.4	13.8	27.6	32.5	32.1
Austria	1993	...	72.4	2.8	34.7	72.6	58.4	65.5	15.7	15.2	16.5	11.7	16.4	16.0
Belgium	1992	...	74.2	2.9	40.7	66.2	63.9	65.5	15.2	18.2	18.9	18.6	17.9	16.6
Canada	1993	0.6	92.2	0.4	29.7	49.9	46.3	47.7	16.6	17.2	16.6	33.6	36.5	36.5
Denmark	1991	-1.8	89.1	1.1	35.7	46.8	41.1	41.9	19.4	24.3	23.3	33.8	34.6	34.8
Finland	1993	2.3	55.3	1.7	21.4	46.1	54.5	54.3	18.9	19.6	17.7	35.0	25.9	28.0
France	1993	4.0	81.3	...	...	66.4	64.3	60.9	23.4	21.6	...	10.2	14.1	...
Germany, western part	1992	2.1	118.0	2.5	41.6	49.2	49.0	45.4	18.2	18.7	19.2	32.7	32.3	35.3
Greece	1992	1.0	48.8	1.0	15.9	57.8	50.9	60.0	13.8	13.4	13.0	18.3	25.8	27.0
Iceland	1992	...	57.3	-0.6	24.8	68.8	68.0	55.5	16.4	17.7	19.2	18.8	14.2	25.3
Italy	1991	...	78.9	...	...	75.0	58.7	69.4	9.6	17.6	17.8	15.4	13.7	12.8
Japan	1993	2.5	284.2	1.2	48.9	46.0	41.1	40.3	10.3	9.8	10.3	43.7	49.1	49.4
Luxembourg	1992	...	45.1	2.7	28.8	58.5	71.5	87.9	14.7	1.6	7.7	26.9	13.9	4.4
Netherlands	1993	...	74.8	...	...	66.5	70.7	65.7	21.0	16.1	16.7	12.8	13.2	17.6
New Zealand	1991	...	...	...	20.9	75.6	73.4	...	12.4	14.4	...	12.0	12.2	...
Norway	1992	4.6	85.8	5.4	45.9	67.2	61.7	62.3	17.1	16.7	20.2	15.7	21.5	17.6
Portugal	1991	...	44.5	...	14.0	67.9	78.3	74.3	12.8	8.2	8.0	19.3	13.6	17.6
South Africa	1992	0.9	21.6	0.3	15.2	68.3	67.9	68.9	14.7	18.5	21.9	27.0	13.6	9.3
Spain	1992	...	79.1	3.2	30.5	62.0	62.0	61.5	13.8	14.2	14.9	24.2	23.7	23.6
Sweden	1993	9.4	115.7	2.4	27.4	41.0	36.1	46.1	17.7	16.7	12.7	41.4	47.2	41.2
United Kingdom	1992	4.4	105.2	3.5	20.9	48.8	45.9	44.5	15.1	16.3	16.3	36.2	37.6	39.2
United States of America	1993	2.3	207.0	0.8	36.8	40.3	39.0	37.4	13.2	11.7	11.1	46.5	49.3	51.5
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.6	...	...	...	...	...	17.7	...	...	...
Bulgaria	1993	...	2.6	...	1.8	...	...	81.6	5.9	8.3	13.1	...	...	5.2
Czech Republic	1993	...	...	...	2.6	...	...	...	...	...	...	...	...	...
Hungary	1993	...	17.8	3.8	5.1	61.6	...	62.5	5.6	9.1	10.7	32.8	...	26.9
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	3.2	7.0	...	...	...
Latvia	1992	...	...	...	2.2	...	...	...	...	6.2	9.5	...	...	...
Lithuania	1993	...	...	...	0.7	...	...	...	...	...	13.1	...	...	...
Poland	1993	...	13.3	...	3.2	...	47.9	59.3	...	6.0	9.8	...	45.0	30.9
Republic of Moldova	1993	...	...	...	...	...	...	...	...	6.1	6.5	...	...	...
Romania	1992	...	...	...	...	...	78.0	72.0	...	...	...	...	...	...
Russian Federation	1993	...	7.5	...	1.4	...	...	47.9	...	...	9.9	...	...	42.2
Slovakia	1993	...	...	...	2.6	...	...	...	...	...	7.3	...	...	...
Ukraine	1993	...	...	...	1.1	...	...	...	...	8.4	4.9	...	...	...
Developing countries														
Bahrain	1992	...	...	...	5.6	...	...	...	...	...	10.7	...	...	...
Barbados	1993	...	15.8	...	6.7	78.2	76.7	80.7	15.3	14.7	8.1	6.5	8.6	11.1
Bolivia	1992	...	10.8	...	4.3	66.1	59.7	58.0	7.9	16.0	17.0	26.0	24.3	25.0

a/ At current prices

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other chemicals (352)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Burundi	1991	...	3.9	...	3.0	...	89.0	88.6	...	8.3	8.8	...	2.7	2.6
Chile	1992	...	49.3	0.1	9.9	43.0	46.4	44.1	12.9	11.1	11.2	44.1	42.6	44.7
China	1993	...	3.7	...	...	73.0	75.4	75.0	3.8	...	...	23.2	...	...
Colombia	1992	0.6	26.6	1.7	3.9	57.7	56.9	47.6	7.7	5.9	7.9	34.6	37.2	44.6
Costa Rica	1992	...	13.2	1.5	4.4	68.8	70.3	69.5	9.9	12.2	10.1	21.3	17.5	20.4
Croatia	1992	...	24.7	...	3.2	...	55.4	45.4	...	13.3	7.0	...	31.3	47.6
Cyprus	1993	1.1	27.4	4.7	11.5	71.5	72.9	65.9	12.9	11.7	14.3	15.6	16.4	19.8
Ecuador	1993	2.4	15.2	1.8	6.8	65.6	68.2	64.7	17.9	10.8	12.4	16.5	21.0	22.9
El Salvador	1993	...	19.4	...	3.9	42.3	...	53.6	9.0	...	9.3	48.6	...	37.1
Fiji	1991	...	18.5	-1.6	6.4	76.5	74.8	74.0	10.0	8.3	9.0	13.6	18.9	17.0
Ghana	1993	...	12.1	...	2.1	48.0	...	62.0	4.6	...	6.5	49.3	...	31.5
Honduras	1992	...	...	...	...	74.5	75.8	81.8	13.0	10.9	6.7	12.5	13.3	11.6
Hong Kong	1992	...	27.7	1.4	9.8	66.8	65.1	62.9	14.5	16.9	13.1	18.7	18.0	24.0
India	1991	8.4	4.8	0.7	1.3	81.5	79.5	77.3	7.4	6.7	6.2	11.1	13.8	16.4
Indonesia	1992	2.0	6.3	-1.0	1.5	67.1	68.0	70.9	10.5	6.5	7.1	22.4	26.6	22.1
Iran (Islamic Republic of)	1991	...	...	...	...	52.2	61.0	63.9	18.6	12.7	12.9	29.2	36.3	23.3
Iraq	1992	...	...	...	...	50.0	...	46.1	4.3	...	30.7	45.7	...	23.2
Jordan	1993	...	15.7	...	3.8	81.4	73.8	68.8	10.0	8.8	7.6	8.6	17.4	23.6
Kenya	1993	2.3	4.2	...	1.5	79.5	93.2	91.6	12.1	2.6	3.0	8.4	4.2	5.4
Kuwait	1992	...	33.4	...	9.1	65.0	68.3	67.2	13.9	12.7	11.7	21.2	29.0	31.1
Macao	1993	...	17.5	...	8.2	53.0	60.4	71.0	27.4	13.3	13.5	19.6	35.3	15.6
Malaysia	1992	...	25.0	0.9	5.2	59.5	65.1	62.4	11.0	8.5	7.8	29.5	26.3	29.8
Mauritius	1992	...	11.7	6.4	3.9	78.4	74.3	69.8	7.5	7.5	10.0	14.1	18.1	20.2
Mexico	1991	...	30.7	...	8.9	57.0	60.7	61.5	8.8	10.2	11.2	34.2	29.1	27.3
Nepal	1991	...	3.1	...	0.5	...	66.3	62.3	...	7.1	6.1	...	26.6	31.7
Netherlands Antilles	1993	...	...	...	8.8	...	...	...	...	...	...	...	...	...
Philippines	1991	...	29.4	9.2	5.5	75.0	55.4	50.3	6.0	9.2	9.2	17.0	35.3	40.5
Puerto Rico	1991	...	...	...	...	42.1	40.4	...	...	...	...	...	...	...
Qatar	1993	...	14.7	...	6.9	...	75.5	...	...	...	11.5	...	...	13.0
Republic of Korea	1993	...	84.3	7.3	14.1	52.3	47.7	45.9	9.1	8.6	9.1	38.5	43.6	45.0
Senegal	1993	...	24.7	...	7.5	...	69.5	...	...	10.2	...	...	20.4	...
Singapore	1993	7.4	180.4	4.5	23.5	45.1	38.6	33.2	10.0	8.8	8.7	44.9	52.6	68.1
Slovenia	1993	...	...	...	...	...	...	64.9	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	50.4	18.8	...	6.4	8.0	2.8	...	78.4
Suriname	1993	...	...	...	...	...	...	...	25.3	17.5	6.6	...	...	...
Taiwan Province	1993	...	30.8	7.1	14.0	73.8	71.4	67.1	14.7	14.7	14.9	11.5	13.9	16.0
The f. Yugosl. Rep. of Macedonia	1993	...	...	...	...	39.9	39.6	...	...	27.8	17.7	...	32.3	42.6
Thailand	1991	...	24.2	...	4.1	...	61.2	65.8	...	7.0	6.8	...	31.7	28.4
Tonga	1992	...	...	...	3.6	...	...	...	3.7	4.0	1.7	...	...	...
Trinidad and Tobago	1992	...	14.7	...	7.3	...	59.6	66.7	...	16.4	16.5	...	24.0	16.8
Tunisia	1992	...	...	...	...	...	68.9	69.6	...	9.8	10.3	...	21.2	20.1
Turkey	1991	4.9	62.1	...	13.6	61.5	56.4	54.0	7.4	8.7	10.1	31.1	34.9	35.9
Uruguay	1993	...	43.9	...	7.5	50.4	53.5	47.7	12.6	12.0	9.0	37.0	34.5	43.3
Venezuela	1993	...	23.3	...	7.2	48.3	48.3	60.3	16.4	12.7	12.2	35.2	39.0	27.5
Yugoslavia	1992	...	...	...	...	...	57.1	29.2	...	...	...	...	...	...
Zimbabwe	1992	...	15.5	...	5.4	50.5	52.6	56.7	15.5	12.4	15.1	34.0	35.0	28.3

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Rubber products (355)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	6.3	69.2	3.3	28.2	54.6	47.0	44.2	23.8	20.5	22.7	21.6	32.5	33.1
Austria	1993	1.7	57.1	2.9	34.4	68.6	67.1	63.4	18.4	23.4	22.1	13.0	9.6	14.6
Belgium	1992	6.4	73.2	2.7	28.9	64.3	63.8	62.1	18.3	15.7	14.9	17.4	20.5	22.9
Canada	1993	1.0	72.1	-0.4	28.4	68.2	57.1	65.0	20.0	22.1	13.8	21.8	20.8	21.2
Denmark	1991	4.0	39.1	0.3	28.6	46.8	42.7	40.6	33.1	39.0	43.5	20.1	18.3	16.9
Finland	1993	6.7	43.6	2.6	20.4	45.3	52.2	53.7	29.0	24.1	21.7	25.7	23.8	24.6
France	1993	1.4	38.8	...	...	53.3	51.8	47.8	36.7	36.1	...	10.0	12.1	...
Germany, western part	1992	-1.8	72.0	2.3	35.3	47.4	44.1	47.1	24.1	26.2	25.9	28.5	29.7	26.9
Greece	1992	6.1	50.4	-0.9	15.5	62.4	62.6	66.8	16.7	16.2	13.3	21.0	21.1	30.0
Ireland	1991	0.6	53.4	2.2	23.0	54.6	50.1	44.5	22.6	23.5	23.9	22.8	26.4	31.6
Israel	1992	...	40.1	...	22.4	61.6	55.0	58.4	27.3	24.7	23.3	11.1	20.3	18.4
Italy	1991	6.0	51.8	...	...	64.0	61.4	58.1	17.1	28.5	30.0	18.9	10.0	11.9
Japan	1993	0.2	98.7	1.3	38.9	56.4	51.1	48.8	17.6	18.2	20.2	25.9	30.7	31.0
Netherlands	1993	8.7	51.6	...	32.4	60.4	57.0	55.9	29.3	24.0	27.1	10.3	19.0	16.1
Norway	1992	6.4	50.8	4.6	37.7	55.8	58.1	58.5	25.4	24.5	30.8	18.8	17.3	10.8
Portugal	1991	...	21.7	...	9.7	62.0	64.0	62.4	16.0	8.9	7.9	23.0	7.1	9.7
South Africa	1992	5.5	21.3	0.1	11.2	65.8	61.5	63.0	21.2	16.5	19.6	13.0	22.0	17.6
Spain	1992	...	55.0	2.6	25.4	53.3	49.7	47.9	20.6	24.8	24.1	26.1	25.5	28.0
United Kingdom	1992	3.8	55.1	2.8	26.8	50.0	47.8	47.0	24.2	24.6	25.7	25.8	27.6	27.3
United States of America	1993	2.7	75.6	-0.8	29.4	49.4	47.6	45.5	21.7	20.9	21.2	28.8	31.5	33.3
Countries of eastern Europe and the former USSR														
Bulgaria	1993	...	1.6	...	1.2	...	...	75.8	6.8	10.9	17.4	...	...	6.8
Czech Republic	1993	...	...	...	2.8	...	...	...	...	...	...	...	...	...
Hungary	1993	...	6.0	1.0	4.0	67.0	...	65.5	8.4	11.1	22.9	24.5	...	11.6
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	...	4.8	...	...	...
Latvia	1992	...	...	...	1.1	...	...	...	...	...	...	...	...	...
Lithuania	1993	...	...	...	0.5	...	...	...	...	13.8	8.3	...	...	...
Poland	1993	...	8.7	...	2.7	...	47.1	59.1	...	9.7	12.7	...	43.1	28.2
Romania	1992	...	...	...	...	...	72.4	62.6	...	...	...	...	...	...
Russian Federation	1993	...	5.3	...	1.4	...	...	65.0	...	...	9.0	...	...	26.0
Slovakia	1993	...	...	...	2.7	...	...	...	...	...	9.1	...	...	...
Ukraine	1993	...	...	...	1.2	...	...	...	...	9.2	4.6	...	...	...
Developing countries														
Bolivia	1992	...	5.4	...	2.5	62.0	71.1	47.7	2.5	17.8	24.4	35.5	11.0	27.9
Chile	1992	...	24.8	3.3	7.2	55.8	50.6	55.1	8.8	12.2	13.0	35.4	37.2	31.9
China	1993	...	2.9	...	...	64.1	73.1	72.0	3.3	...	...	32.6	...	...
Colombia	1992	1.5	17.3	3.2	4.2	52.8	57.1	55.4	8.2	7.0	10.7	39.0	35.8	33.9
Costa Rica	1992	...	4.9	-0.7	3.5	64.8	66.7	65.9	13.4	17.1	24.6	21.7	16.3	9.5
Croatia	1992	...	16.3	...	2.5	...	64.1	48.8	...	19.9	8.0	...	18.0	43.2
Cyprus	1993	-2.4	21.8	4.0	12.1	66.7	59.0	57.7	15.3	17.8	23.5	18.0	23.2	18.8

a/ At current prices

b/ Excluding countries of eastern Europe and the former USSR

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Rubber products (355)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY	
Ecuador	1993	6.1	12.7	2.0	6.8	67.4	67.2	70.5	13.1	18.4	15.9	19.5	14.5	13.6
El Salvador	1993	...	11.0	...	2.9	41.2	...	55.6	10.5	...	11.6	48.3	...	31.8
Fiji	1991	...	7.2	-2.7	4.1	74.4	78.9	75.7	14.8	10.1	13.8	10.7	11.0	10.6
Ghana	1993	...	1.3	...	0.8	52.4	...	44.1	13.4	...	36.9	34.1	...	19.0
Honduras	1992	...	...	...	...	68.7	77.2	77.6	15.2	11.5	14.5	16.1	11.2	8.0
Hong Kong	1992	...	15.3	0.7	8.4	68.2	65.1	64.2	21.4	18.1	19.6	10.0	15.8	16.2
India	1991	-1.3	3.7	-0.2	1.2	79.0	81.4	81.6	6.5	5.7	6.0	14.5	12.9	12.4
Indonesia	1992	4.6	4.1	-2.5	0.7	72.4	71.1	72.7	7.1	5.4	4.6	20.4	23.5	22.7
Iran (Islamic Republic of)	1991	...	...	...	...	45.1	48.8	51.9	37.5	20.6	23.8	17.4	30.4	24.3
Iraq	1992	...	...	...	...	55.9	...	60.9	13.5	...	21.6	30.5	...	17.5
Jordan	1993	...	7.4	...	2.7	30.0	78.9	51.5	20.0	7.7	18.0	50.0	13.5	30.5
Kenya	1993	...	7.4	...	1.5	65.6	75.6	82.7	11.7	4.8	3.5	22.7	19.6	13.8
Kuwait	1992	...	7.1	...	3.1	60.4	63.4	81.1	9.4	12.3	8.2	30.2	24.3	10.6
Macau	1993	...	8.4	...	4.7	75.2	33.9	60.4	16.2	25.3	22.0	8.6	40.8	17.5
Malaysia	1992	...	10.3	-0.0	3.3	77.3	73.0	71.3	7.1	8.0	9.1	15.5	19.1	19.6
Mauritius	1992	...	7.4	2.4	3.4	70.5	62.9	62.6	15.8	15.0	17.1	13.8	22.1	20.2
Mexico	1991	...	28.4	...	8.8	54.4	53.1	54.5	12.0	12.8	14.0	33.5	34.1	31.5
Nepal	1991	...	3.0	...	0.4	...	58.1	59.4	...	6.4	6.0	...	35.5	34.6
Philippines	1991	...	5.7	7.0	2.2	77.7	66.8	57.4	15.0	17.0	16.5	7.3	26.2	26.0
Qatar	1991	...	24.2	...	4.6	...	80.0	40.0	...	8.8	11.3	...	11.2	48.7
Republic of Korea	1993	...	47.4	...	13.1	83.2	57.9	54.4	15.4	18.4	12.6	21.4	23.7	33.0
Senegal	1993	...	...	...	3.1	...	...	...	...	...	...	...	...	...
Singapore	1993	-1.9	30.4	3.6	15.0	81.8	57.1	48.4	10.8	21.9	25.5	7.5	21.0	26.2
Slovenia	1993	...	...	...	...	...	...	61.7	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	44.8	44.5	10.3	10.9	11.0	...	44.3	44.5
Taiwan Province	1993	...	23.9	6.6	12.5	69.9	64.4	60.4	18.2	21.5	20.7	11.9	14.2	18.9
The f Yugosl Rep of Macedonia	1993	...	...	...	...	...	66.7	54.5	...	...	33.5	...	...	12.0
Thailand	1991	...	18.7	...	2.4	...	74.0	62.7	...	6.5	4.8	...	20.5	32.6
Trinidad and Tobago	1992	...	12.3	...	9.8	...	57.3	56.8	...	28.1	34.5	...	14.6	8.7
Tunisia	1992	...	...	...	...	...	65.1	59.5	...	13.5	15.6	...	21.5	23.9
Turkey	1991	0.6	44.7	...	13.4	62.5	50.2	63.1	6.8	13.7	14.0	30.7	35.0	32.9
Uruguay	1993	4.1	17.3	...	2.4	37.5	38.5	51.8	14.6	15.0	6.5	47.9	46.5	41.6
Venezuela	1993	...	27.4	...	4.9	49.2	52.1	54.1	18.8	11.3	8.2	32.0	36.6	37.7
Yugoslavia	1992	...	...	...	...	...	62.5	38.5	...	...	...	...	...	...
Zimbabwe	1992	...	12.2	...	3.2	55.7	61.7	64.4	17.7	13.6	9.3	25.6	24.7	26.3

a/ At current prices

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Plastic products (356)														
Country or area	Latest year	Value added per employee		wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	1.4	52.2	-0.0	21.3	60.9	55.8	55.9	19.7	18.1	18.0	19.5	26.1	26.1
Austria	1993	...	48.2	2.7	25.6	63.1	63.6	58.2	20.3	19.5	22.2	18.5	16.9	19.6
Belgium	1992	5.4	...	2.7	26.6	...	...	...	...	...	...	...	...	...
Canada	1993	-0.5	47.0	0.1	22.1	58.1	56.2	55.7	18.6	21.2	20.8	23.3	22.6	23.5
Denmark	1991	-0.5	44.4	-0.3	28.2	39.7	45.2	45.6	30.7	30.2	34.6	29.6	24.6	19.6
Finland	1993	4.8	41.3	2.1	19.3	50.5	53.2	53.0	21.7	22.5	21.9	27.8	24.3	25.0
France	1993	2.5	55.9	...	...	64.3	63.3	61.6	24.6	22.0	...	11.0	14.7	...
Germany, western part	1992	0.9	58.4	2.3	31.3	51.7	49.5	48.6	22.0	22.6	23.5	26.3	28.0	27.9
Greece	1992	0.0	34.2	-0.3	11.9	67.0	63.0	68.9	15.4	13.7	14.3	17.6	23.2	26.8
Iceland	1992	...	51.3	6.4	38.7	64.1	58.8	56.8	22.1	23.1	27.1	13.8	18.1	16.0
Ireland	1991	-1.8	50.0	1.7	19.8	54.9	64.7	52.2	18.1	18.3	18.9	27.0	27.0	28.9
Israel	1992	...	38.6	...	15.9	52.4	56.6	59.8	15.0	16.9	16.5	32.6	26.5	23.6
Italy	1991	...	54.2	...	...	58.4	67.9	67.2	13.0	20.1	20.6	18.6	12.0	12.1
Japan	1993	-0.1	92.2	1.5	34.3	61.0	58.6	55.8	14.1	14.4	16.1	24.9	27.0	27.1
Netherlands	1993	...	51.5	...	29.6	65.9	67.0	64.7	21.8	17.2	20.3	11.4	15.9	16.0
New Zealand	1991	...	...	...	17.7	65.7	63.5	...	17.7	18.0	...	16.6	16.6	...
Norway	1992	2.5	54.2	4.6	35.0	64.8	64.3	61.3	19.9	19.8	25.7	15.3	16.0	13.0
Portugal	1991	...	41.4	...	8.1	67.2	71.0	70.3	14.4	5.3	6.8	16.4	23.7	23.9
South Africa	1992	0.2	13.5	-2.2	8.0	65.6	68.2	67.2	21.0	18.6	19.6	13.4	13.2	13.2
Spain	1992	...	47.9	2.6	22.0	65.0	65.4	62.0	14.6	15.6	17.5	20.4	18.1	20.6
Sweden	1993	3.3	42.9	2.1	21.7	51.4	45.1	59.2	19.2	20.0	20.7	29.3	33.9	20.1
United Kingdom	1992	-1.1	55.9	2.0	23.8	54.3	53.1	50.8	20.2	20.3	20.9	25.4	25.6	28.5
United States of America	1993	-0.5	55.8	0.1	25.1	50.3	52.3	49.7	20.1	19.1	19.2	29.6	28.6	31.1
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	18.9	...	...	...
Armenia	1991	...	4.9	...	2.1	...	...	40.6	...	...	28.5	...	...	33.8
Bulgaria	1993	...	2.3	...	1.6	...	...	84.1	6.5	7.9	11.3	...	...	4.8
Czech Republic	1993	...	...	...	2.4	...	...	...	...	...	...	...	...	...
Hungary	1993	...	10.9	0.4	3.4	67.6	...	69.1	7.9	11.9	9.5	24.6	...	21.4
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	...	3.2	6.2	...	...
Latvia	1992	...	...	...	1.4	...	...	...	...	16.3	17.2	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	24.5	...	...	...
Poland	1993	...	8.1	...	2.6	...	50.1	64.4	...	8.9	11.6	...	41.0	24.0
Republic of Moldova	1993	...	...	...	...	...	...	...	...	15.7	23.2	...	...	...
Romania	1992	...	...	...	...	...	56.7	67.2	...	...	...	...	...	...
Russian Federation	1993	...	4.7	...	1.1	...	...	49.8	...	...	12.2	...	...	38.0
Slovakia	1993	...	...	...	2.2	...	...	...	...	...	10.8	...	...	...
Ukraine	1993	...	...	...	0.9	...	...	...	...	16.5	10.0	...	...	...
Developing countries														
Bahrain	1992	...	...	...	5.9	...	...	...	...	...	13.6	...	...	...

a/ At current prices

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Plastic products (356)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Bolivia	1992	...	8.0	...	2.5	59.3	64.9	59.2	7.8	12.9	12.5	32.9	22.2	28.3
Burundi	1991	...	5.8	...	2.5	...	66.1	63.3	...	15.1	15.9	...	18.8	20.8
Chile	1992	...	17.3	...	5.5	51.2	57.5	61.3	9.7	10.2	12.3	39.1	32.4	25.4
China	1993	...	3.6	...	...	71.2	76.3	70.7	1.4	...	...	27.4	...	...
Colombia	1992	-0.6	13.3	...	3.3	65.6	64.1	56.2	7.7	6.3	8.6	26.7	29.6	35.3
Costa Rica	1992	...	7.2	...	-0.1	64.2	64.9	64.7	14.3	15.9	15.0	21.5	19.1	19.8
Croatia	1992	...	11.4	...	2.5	...	62.6	67.0	...	14.5	9.6	...	22.9	33.3
Cyprus	1993	...	23.6	...	4.1	65.5	61.5	56.9	17.9	17.8	21.6	16.5	20.7	21.5
Cyprus	1993	5.8	9.1	...	-2.2	64.3	68.4	66.3	13.3	10.0	11.5	22.4	21.7	22.2
El Salvador	1993	...	8.6	...	2.3	51.3	...	53.2	12.1	...	12.5	36.6	...	34.2
Fiji	1991	...	14.7	...	0.5	67.8	65.8	67.6	11.1	8.8	8.7	21.0	25.3	23.7
Ghana	1993	...	5.3	...	0.9	57.8	...	63.9	8.1	...	5.9	34.2	...	30.2
Honduras	1992	...	...	...	...	62.1	71.7	75.8	20.6	9.7	14.0	17.3	18.5	10.2
Hong Kong	1992	10.3	19.1	...	5.4	69.6	69.2	69.6	18.0	15.8	16.6	12.3	15.1	13.8
India	1991	...	3.1	...	0.6	82.1	84.1	84.9	5.6	4.5	4.4	12.3	11.3	10.7
Indonesia	1992	...	4.8	...	1.8	61.0	70.7	74.2	7.2	5.6	9.7	31.7	23.8	16.1
Iran (Islamic Republic of)	1991	...	...	...	...	52.0	73.3	64.1	26.7	8.5	14.8	21.3	18.1	21.1
Iraq	1992	...	...	...	...	66.9	...	71.3	8.0	...	5.8	25.2	...	22.9
Jordan	1993	...	6.6	...	2.4	71.6	73.6	62.2	13.4	8.8	13.5	15.0	17.5	24.0
Kenya	1993	-1.8	4.1	...	0.8	74.5	71.7	66.2	11.8	5.6	2.9	13.6	22.6	10.0
Kuwait	1992	...	23.6	...	7.2	57.5	54.4	49.3	15.4	12.5	15.4	27.0	33.1	35.3
Macau	1993	...	16.7	...	6.1	80.4	70.0	82.6	11.4	15.6	6.4	8.2	14.4	11.0
Malaysia	1992	...	9.4	...	2.7	63.3	65.4	61.9	13.2	10.7	12.5	23.5	24.0	25.6
Mauritius	1992	...	7.9	...	4.0	66.7	65.5	49.6	15.7	14.5	20.4	17.5	20.0	20.0
Mexico	1991	...	16.1	...	4.5	65.2	53.8	53.3	11.8	12.4	14.2	33.0	33.8	32.5
Nepal	1991	...	2.8	...	0.5	...	65.4	65.4	...	5.6	5.7	...	29.0	27.9
Netherlands Antilles	1993	...	...	...	6.6	...	...	...	...	...	...	...	...	...
Philippines	1991	...	7.6	...	8.2	77.2	71.4	67.2	7.9	8.1	8.5	14.9	20.5	24.3
Qatar	1993	...	16.4	...	5.3	...	65.7	49.1	...	14.9	16.5	...	19.4	34.4
Republic of Korea	1993	...	47.3	...	10.1	65.6	61.3	61.0	10.0	12.0	10.5	24.4	25.8	28.5
Senegal	1993	...	8.9	...	3.7	...	72.8	...	...	13.3	...	...	13.9	...
Singapore	1993	-4.2	28.1	...	5.5	61.8	64.3	59.0	17.5	15.1	19.5	20.7	20.7	21.5
Slovenia	1993	...	...	...	...	...	...	68.4	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	58.2	54.9	10.8	8.4	7.7	...	33.4	37.4
Taiwan Province	1993	...	24.2	...	8.1	70.9	68.7	63.1	17.4	15.9	19.0	11.7	15.4	17.9
The f Yugosl Rep. of Macedonia	1993	...	...	...	...	...	50.1	44.4	...	24.7	25.1	...	25.2	29.5
Thailand	1991	...	8.1	...	1.8	...	62.9	53.0	...	4.4	10.3	...	32.8	35.7
Trinidad and Tobago	1992	...	15.8	...	6.2	55.0	42.5	55.9	27.7	22.2	17.3	15.4	35.2	25.8
Tunisia	1992	...	...	...	...	...	75.2	70.4	...	7.1	8.4	...	17.7	21.2
Turkey	1991	1.9	26.7	...	6.4	74.3	65.3	62.7	7.2	8.2	9.1	15.5	25.5	28.2
Uruguay	1993	...	19.7	...	1.6	50.5	54.9	50.6	12.4	11.0	3.9	37.0	34.2	45.5
Venezuela	1993	...	9.8	...	3.9	55.3	60.7	68.0	16.8	13.1	17.9	27.8	26.2	19.2
Yugoslavia	1992	...	...	...	...	...	58.5	43.7	...	...	...	...	...	...
Zimbabwe	1992	...	7.2	...	3.1	48.2	44.6	67.5	17.9	16.6	13.9	33.9	38.8	18.6

^{a/} At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Pottery, china, earthenware (361)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries ^{b/}														
Australia	1991	...	39.7	0.5	19.9	34.4	35.8	40.7	36.3	34.7	29.7	29.2	29.5	29.7
Austria	1993	4.3	45.0	3.5	29.1	45.6	44.0	45.4	38.0	35.2	35.3	16.6	20.8	19.3
Belgium	1992	4.9	52.3	1.9	24.1	...	...	...	...	...	...	...	...	...
Canada	1993	...	46.5	-0.8	21.7	42.9	38.5	46.5	31.4	26.9	25.5	26.7	34.6	29.1
Denmark	1991	...	35.5	1.6	29.0	17.6	11.9	17.4	61.4	67.8	67.3	21.0	20.3	15.2
Finland	1993	4.3	42.0	1.7	18.8	23.4	35.4	40.0	30.2	29.1	26.9	46.4	35.5	33.1
Germany, western part	1992	-2.6	43.6	1.8	25.6	29.8	27.3	35.3	39.6	39.2	37.4	30.7	33.4	26.2
Greece	1992	-0.1	26.9	-1.0	13.4	45.0	42.6	40.2	29.8	29.5	29.8	26.2	27.9	30.0
Ireland	1991	...	36.2	-0.4	15.4	57.1	41.5	38.9	21.4	24.2	27.5	21.4	34.3	33.5
Israel	1992	...	32.5	...	20.7	44.2	43.4	50.6	38.5	34.9	31.5	17.3	21.7	18.0
Italy	1991	...	55.7	...	...	51.6	54.9	54.5	17.4	29.2	30.9	21.0	15.8	14.6
Japan	1993	...	63.6	2.0	31.0	45.3	45.5	42.2	27.1	27.4	28.1	27.6	27.1	29.8
Netherlands	1993	...	60.0	...	28.5	47.5	48.2	45.9	42.6	26.9	25.7	9.8	24.9	28.4
Norway	1992	0.6	35.8	4.2	32.6	42.9	43.9	41.5	41.0	39.9	51.8	16.0	16.3	6.6
Portugal	1991	...	23.2	...	7.6	51.9	51.7	51.5	23.8	14.8	15.9	24.3	33.6	32.6
South Africa	1992	...	7.6	...	4.7	47.5	41.0	18.2	28.3	42.6	50.3	24.2	16.4	31.4
Spain	1992	...	34.3	2.7	19.4	35.6	44.7	42.5	31.9	30.6	32.5	32.6	27.8	25.0
Sweden	1993	2.8	38.6	3.1	22.2	31.5	29.1	44.7	29.9	25.1	31.8	38.7	42.6	23.6
United Kingdom	1992	1.4	38.0	3.0	20.7	33.0	32.3	31.9	33.4	35.3	37.1	33.6	32.6	31.0
United States of America	1993	...	56.0	-1.0	23.7	35.0	29.5	29.3	32.5	31.8	29.9	32.5	38.7	40.7
Countries of eastern Europe and the former USSR														
Armenia	1991	...	...	...	2.1	...	...	...	...	35.9	27.0	...	...	...
Bulgaria	1993	...	2.9	...	1.2	...	...	68.5	17.2	17.6	12.5	...	...	19.0
Czech Republic	1993	...	...	...	2.1	...	...	...	...	...	...	...	...	...
Hungary	1993	...	8.2	3.5	3.7	47.7	...	44.3	17.6	22.3	25.3	34.7	...	30.5
Latvia	1992	...	...	...	1.6	...	...	...	...	44.2	18.7	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	28.3	...	...	...
Poland	1993	...	5.8	...	2.3	...	33.4	47.1	...	18.7	21.3	...	49.9	31.7
Romania	1992	...	...	...	...	...	86.6	61.4	...	...	...	...	...	...
Russian Federation	1993	...	3.9	...	1.2	...	...	28.1	...	...	22.2	...	...	49.7
Slovakia	1993	...	...	...	2.0	...	...	...	...	...	21.3	...	...	...
Ukraine	1993	...	...	...	1.4	...	...	...	...	37.5	18.7	...	...	...
Developing countries														
Bahrain	1992	...	...	...	3.1	...	...	...	...	...	40.0	...	...	...
Chile	1992	...	10.0	3.7	3.8	48.9	45.2	40.3	19.9	22.4	22.6	31.2	32.4	37.1
China	1993	...	3.6	...	...	62.3	69.9	65.1	6.4	...	...	31.3	...	...
Colombia	1992	2.8	14.2	2.3	2.7	44.4	44.4	41.6	13.3	10.9	11.1	42.2	44.7	47.3
Costa Rica	1992	...	5.0	0.2	2.9	64.0	34.7	64.0	23.7	25.7	20.7	12.3	9.6	15.2
Croatia	1992	...	7.8	...	2.0	...	40.5	58.9	...	15.2	10.2	...	43.3	30.9
Cyprus	1993	...	13.9	0.6	6.4	42.4	43.3	44.0	23.1	22.8	25.7	34.5	33.9	30.3

a/ At current prices.

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Pottery, china, earthenware (381)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Ecuador	1993	0.3	6.7	...	2.4	34.5	60.2	64.4	21.7	17.3	12.6	43.8	22.5	23.1
El Salvador	1993	...	7.5	...	1.5	...	...	24.0	...	...	15.6	...	...	60.4
Honduras	1992	...	...	...	...	63.1	57.3	60.2	33.0	16.0	17.6	4.0	26.7	22.2
Hong Kong	1991	...	7.7	2.2	6.4	74.7	58.1	62.5	15.4	27.4	31.3	9.9	14.5	6.3
India	1991	...	1.4	4.2	0.9	78.7	72.7	77.6	19.4	16.2	15.2	1.9	11.0	7.2
Indonesia	1992	...	3.4	1.1	0.8	60.3	57.8	55.0	16.2	8.9	10.3	23.5	33.3	34.7
Iran (Islamic Republic of)	1991	...	...	...	...	13.9	25.7	34.5	43.1	23.0	39.2	38.0	51.3	26.1
Iraq	1992	...	...	...	...	49.3	...	38.3	25.5	...	27.7	25.2	...	34.0
Kenya	1993	...	1.6	...	0.8	60.5	33.3	76.0	31.8	25.1	12.5	7.6	41.6	12.5
Macao	1993	...	7.9	...	5.6	55.9	49.4	11.4	30.4	40.7	62.7	12.7	9.8	26.0
Malaysia	1992	...	5.9	0.5	2.7	47.6	48.3	45.8	21.3	20.9	25.2	31.1	30.8	29.1
Mauritius	1992	...	5.9	8.1	2.8	60.0	66.7	50.1	10.5	23.3	20.1	29.5	10.0	21.8
Mexico	1991	...	22.5	...	5.5	36.5	35.6	36.7	15.0	14.2	15.4	48.6	50.2	47.9
Philippines	1991	...	5.0	8.6	2.2	54.3	42.0	44.0	16.2	21.9	25.0	29.5	36.1	31.0
Republic of Korea	1993	...	23.6	...	9.6	36.8	33.5	35.7	25.3	28.0	26.3	37.0	38.5	38.0
Sri Lanka	1992	...	...	...	...	...	42.8	22.6	18.6	19.5	18.5	...	37.7	28.9
Taiwan Province	1993	...	19.8	...	12.7	51.1	51.8	49.8	34.6	30.6	32.1	14.2	17.6	18.0
The Yugosl Rep of Macedonia	1993	...	...	...	...	...	44.4	43.4	...	23.9	18.9	...	31.7	37.7
Thailand	1991	...	10.6	...	1.8	...	46.0	39.4	...	19.7	10.5	...	34.3	50.1
Tunisia	1992	...	...	...	...	...	57.8	57.4	...	21.6	20.5	...	20.7	22.1
Turkey	1991	...	42.7	...	7.7	43.1	33.7	33.6	22.0	12.3	12.0	34.9	54.0	54.4
Uruguay	1993	...	12.2	...	2.5	49.6	39.1	42.2	24.3	18.9	11.9	28.1	42.0	45.9
Venezuela	1993	...	11.2	...	4.9	28.4	45.0	47.6	31.3	29.7	23.1	40.3	26.3	26.3
Yugoslavia	1992	...	...	...	...	...	41.6	35.7	...	...	...	...	...	...
Zimbabwe	1992	...	3.4	...	1.3	31.4	37.0	29.1	41.2	42.0	26.8	27.5	21.0	44.1

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Glass (362)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	91.9	2.9	32.2	41.8	39.2	31.3	22.1	19.1	24.1	36.0	41.7	44.7
Austria	1993	4.6	68.1	2.3	30.3	48.3	47.1	43.6	23.1	23.7	25.2	28.6	29.2	31.3
Belgium	1992	2.9	66.8	1.2	26.6	...	...	...	...	...	...	...	...	...
Canada	1993	1.9	54.3	-0.8	27.3	46.3	53.4	47.4	24.4	24.0	26.5	29.3	22.6	26.2
Denmark	1991	...	45.7	0.7	29.1	40.2	46.6	45.2	35.3	35.9	35.0	24.5	17.8	19.8
Finland	1993	6.2	50.0	2.6	21.6	45.4	53.1	50.6	26.2	26.4	21.4	28.4	20.6	28.1
France	1993	0.9	50.7	...	...	48.2	46.1	47.3	36.6	31.6	...	16.3	22.3	...
Germany, western part	1992	3.0	77.0	2.0	33.2	44.6	42.1	40.1	25.3	24.6	25.9	30.2	33.3	34.1
Greece	1992	-1.8	31.4	-4.0	11.9	64.3	56.2	55.7	22.9	23.1	16.8	22.8	20.8	27.4
Iceland	1992	...	47.2	3.4	31.7	59.7	63.4	54.2	24.3	26.2	30.7	18.0	10.4	16.0
Ireland	1991	...	37.7	-2.3	22.9	35.6	43.4	40.8	38.6	36.3	35.9	26.9	20.3	23.3
Israel	1992	...	32.9	...	19.6	50.0	62.6	65.2	36.2	24.7	20.7	14.8	22.8	14.1
Italy	1991	...	55.8	...	...	61.6	60.8	59.7	16.6	25.6	27.6	21.8	13.6	12.8
Japan	1993	...	141.6	1.2	43.6	45.6	42.4	41.3	14.0	14.6	18.0	40.4	43.0	40.7
Netherlands	1993	...	61.8	...	33.6	...	55.3	53.2	...	22.2	25.6	...	22.6	21.3
Norway	1992	2.5	49.5	3.8	37.7	56.1	67.6	60.9	24.6	23.6	29.8	19.5	19.1	9.3
Portugal	1991	...	29.1	...	11.1	59.9	61.6	60.0	23.7	14.9	15.2	16.6	23.7	24.8
South Africa	1992	-0.9	37.5	...	13.2	56.2	47.6	31.8	16.3	17.6	24.0	27.6	36.0	44.3
Spain	1992	...	55.6	1.4	23.8	48.3	50.9	52.4	19.6	18.0	20.4	32.2	31.0	27.2
Sweden	1993	3.0	41.7	2.2	22.6	45.7	42.4	58.6	20.1	21.2	22.6	34.3	36.6	18.9
United Kingdom	1992	2.0	52.0	1.4	25.6	46.8	43.0	44.6	25.0	26.3	27.2	28.2	30.7	28.3
United States of America	1993	1.8	84.6	-0.8	30.2	44.9	41.9	41.9	23.7	22.0	20.8	31.4	36.1	37.4
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	37.0	...	...	...
Armenia	1991	...	...	...	2.4	...	...	...	...	23.9	19.3	...	...	...
Bulgaria	1993	...	2.1	...	1.2	...	...	68.6	19.4	17.7	18.3	...	...	13.1
Czech Republic	1993	...	...	...	2.4	...	...	...	...	...	...	...	...	...
Hungary	1993	5.5	7.1	0.3	3.2	60.8	...	64.7	13.4	17.1	16.1	25.9	...	19.2
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	7.2	1.6	...	...	...
Latvia	1992	...	...	...	1.6	...	...	...	...	23.7	11.3	...	...	...
Lithuania	1993	...	...	...	0.9	...	...	...	...	...	14.4	...	...	...
Poland	1992	...	5.6	...	2.3	...	45.8	57.7	...	12.8	17.1	...	41.4	26.2
Republic of Moldova	1991	...	...	...	...	...	...	...	...	7.8	7.2	...	...	...
Romania	1992	...	...	...	...	...	58.6	59.0	...	...	...	...	...	...
Russian Federation	1993	...	3.5	...	1.2	...	...	42.9	...	...	19.0	...	...	38.1
Slovakia	1993	...	...	...	2.1	...	...	...	...	...	16.2	...	...	...
Ukraine	1993	...	...	...	1.0	...	...	...	...	16.5	10.7	...	...	...
Developing countries														
Bolivia	1992	...	16.6	...	2.0	25.8	61.2	37.8	19.7	15.9	7.6	54.5	32.9	54.7
Chile	1992	...	28.9	4.8	7.6	33.5	38.2	50.1	10.2	13.1	13.1	56.3	48.6	36.9

a/ At current prices

b/ Excluding countries of eastern Europe and the former USSR

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Glass (382)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
China	1993	...	3.7	...	...	61.1	72.9	63.9	6.4	...	...	32.5	...	...
Colombia	1992	0.8	15.0	-0.2	3.0	40.8	44.7	45.6	11.7	9.1	10.7	47.5	45.2	43.7
Costa Rica	1992	...	12.3	0.9	3.0	63.1	63.8	63.0	7.8	7.5	8.9	29.1	28.6	28.0
Croatia	1992	...	13.9	...	2.5	...	45.7	47.2	...	15.9	9.6	...	36.4	43.2
Cyprus	1993	...	19.9	5.1	11.0	20.9	67.3	62.6	27.1	15.7	20.7	61.9	17.0	16.7
Ecuador	1993	2.0	19.3	1.0	6.3	45.9	63.7	65.2	13.3	9.5	11.0	40.9	26.8	22.8
El Salvador	1993	...	4.3	...	1.6	60.0	...	79.2	8.0	...	7.9	32.0	...	12.9
Hong Kong	1992	...	27.8	7.1	11.2	72.4	63.3	62.6	15.2	14.8	15.0	11.4	21.9	22.4
India	1991	...	2.2	2.5	0.9	73.7	77.8	77.2	12.6	11.0	9.5	13.8	11.2	13.2
Indonesia	1992	0.2	9.1	...	1.0	50.2	70.2	50.8	8.2	6.5	5.5	41.6	23.2	43.7
Iran (Islamic Republic of)	1991	...	...	...	...	35.6	44.9	34.5	35.2	23.4	18.3	29.3	31.7	47.2
Kenya	1993	-5.0	1.6	...	0.8	61.3	53.8	61.1	24.7	19.8	19.1	14.0	26.1	19.8
Kuwait	1992	...	27.5	...	8.8	...	58.7	45.5	...	8.0	17.5	...	33.3	37.0
Macau	1993	...	20.7	...	8.1	62.6	57.2	59.4	16.8	20.4	15.9	20.6	22.4	24.7
Malaysia	1992	...	24.2	0.9	6.1	63.0	50.7	49.3	18.1	11.7	12.7	18.9	37.5	38.0
Mauritius	1992	...	5.5	7.7	4.9	55.3	50.0	45.9	29.9	38.3	45.9	11.8	11.7	6.1
Mexico	1991	...	30.2	...	7.2	43.6	40.7	42.6	11.7	13.9	13.5	44.5	45.4	43.7
Philippines	1991	...	12.0	9.5	4.0	71.8	45.8	48.3	10.1	21.6	17.0	18.1	32.5	34.7
Republic of Korea	1993	...	52.4	10.6	15.7	62.7	41.9	45.4	12.7	18.1	16.1	34.5	40.0	37.5
Sri Lanka	1992	...	...	...	...	...	42.9	31.8	...	14.7	17.9	9.0	...	39.2
Taiwan Province	1993	...	26.5	5.5	13.2	39.2	40.5	46.3	33.0	32.2	25.9	27.8	27.2	25.9
The f Yugosl Rep of Macedonia	1993	...	...	...	...	...	42.9	30.4	...	24.9	40.6	...	32.2	29.0
Thailand	1991	...	24.2	...	3.9	...	58.3	38.6	...	34.2	10.0	...	7.5	51.4
Trinidad and Tobago	1992	...	21.5	...	11.5	...	46.4	44.3	...	29.9	30.0	...	23.7	25.8
Tunisia	1992	...	...	...	...	...	59.3	57.9	...	13.8	13.5	...	27.0	28.6
Turkey	1991	8.7	32.8	...	13.1	52.2	42.4	46.1	17.5	16.8	21.5	35.2	40.8	32.4
Uruguay	1993	...	22.0	...	2.7	54.4	43.7	46.6	19.1	15.7	6.5	26.5	42.7	45.9
Venezuela	1993	...	26.7	...	4.5	45.7	42.6	50.1	20.6	13.4	8.5	32.7	44.1	41.5
Yugoslavia	1992	...	...	...	...	...	61.8	28.7	...	...	...	...	...	...
Zimbabwe	1992	...	8.4	...	3.7	47.5	50.4	55.1	29.8	24.0	19.9	22.7	25.6	25.0

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other non-metallic mineral prods. (369)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	66.8	0.0	24.0	60.8	57.7	66.6	16.0	14.8	15.6	23.2	27.6	27.8
Austria	1993	...	65.0	2.2	34.3	62.2	61.1	62.5	19.2	20.2	19.8	18.6	18.7	17.7
Belgium	1992	0.6	48.3	1.9	24.0	...	...	...	...	...	...	...	...	...
Canada	1993	...	63.9	-0.6	28.0	53.4	61.8	61.2	20.3	20.4	21.3	25.3	27.7	27.4
Denmark	1991	-1.8	50.3	0.9	32.0	43.2	40.7	40.5	25.9	29.6	31.6	30.8	29.7	27.6
Finland	1993	7.0	43.5	1.5	19.5	49.2	62.8	54.2	21.9	20.3	20.4	28.8	20.9	26.0
France	1993	1.1	85.5	...	...	56.7	66.7	55.1	27.6	24.0	...	15.7	13.4	...
Germany, western part	1992	3.5	106.8	2.7	35.8	44.4	41.0	40.2	22.9	20.8	20.2	32.7	38.2	39.6
Greece	1992	0.6	36.3	0.3	15.3	64.0	68.0	59.7	15.9	16.3	17.0	20.1	25.7	23.3
Iceland	1992	...	51.9	0.6	34.3	57.9	65.4	64.3	23.2	28.0	30.2	18.9	16.6	15.5
Ireland	1991	...	82.2	2.2	25.8	54.9	62.0	49.2	15.2	14.0	15.0	29.9	34.1	34.8
Israel	1992	...	46.5	...	22.3	65.0	61.8	67.0	19.6	18.1	15.8	15.5	20.0	17.1
Italy	1991	...	69.9	...	...	63.0	60.7	60.7	16.3	20.3	20.7	21.7	19.1	18.5
Japan	1993	...	114.2	1.7	38.0	53.3	60.2	48.3	16.1	16.6	17.2	30.6	34.3	34.5
Netherlands	1993	...	66.1	...	30.9	...	60.4	58.9	...	18.0	19.2	...	21.7	21.9
Norway	1992	5.7	63.1	5.0	43.9	65.4	63.6	64.8	18.6	19.5	24.5	16.0	17.0	10.7
Portugal	1991	...	72.5	...	10.3	59.7	59.5	59.4	14.3	5.9	5.8	26.0	34.6	34.8
South Africa	1992	-0.6	13.7	0.5	7.3	50.9	56.7	48.6	26.2	24.6	27.7	23.0	18.7	23.6
Spain	1992	...	52.0	2.6	21.0	55.2	55.5	60.3	15.1	14.7	16.1	29.5	29.8	23.7
Sweden	1993	0.5	52.3	2.0	24.0	44.6	47.3	52.7	18.5	18.4	21.7	37.0	34.3	26.6
United Kingdom	1992	2.2	72.4	1.8	26.1	48.7	46.0	46.3	16.6	17.6	19.3	34.6	36.4	34.4
United States of America	1993	0.5	73.7	-0.3	28.4	49.1	48.5	47.6	19.2	20.1	20.2	31.6	31.4	32.2
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.5	...	...	...	...	...	16.2	...	...	...
Armenia	1991	...	...	...	2.4	...	...	...	...	26.6	21.1	...	...	...
Bulgaria	1993	...	3.9	...	1.4	...	...	59.4	7.6	13.2	14.8	...	...	25.7
Czech Republic	1993	...	...	...	2.5	...	...	...	...	...	...	...	...	...
Hungary	1993	...	8.9	2.4	3.7	66.6	...	65.2	10.4	11.7	14.2	22.2	...	20.6
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	4.6	2.6	...	...	...
Latvia	1992	...	...	...	1.6	...	...	...	...	23.0	14.6	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	14.2	...	...	...
Poland	1993	...	6.1	...	2.5	...	49.4	65.7	...	10.1	14.1	...	40.5	20.2
Republic of Moldova	1993	...	...	...	...	...	...	...	...	19.8	10.1	...	...	...
Romania	1992	...	...	...	...	...	70.0	69.2	...	...	...	...	...	...
Russian Federation	1993	...	5.0	...	1.4	...	...	46.0	...	...	15.8	...	...	38.2
Slovakia	1993	...	...	...	2.2	...	...	...	...	...	14.9	...	...	...
Ukraine	1992	...	...	...	2.5	...	...	...	...	22.2	13.7	...	...	...
Developing countries														
Bahamas	1991	...	43.5	...	20.2	...	67.6	58.2	...	16.7	20.3	...	15.7	23.4
Bahrain	1992	...	...	...	6.0	...	...	...	...	9.5	...	...	...	...

a/ At current prices

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Other non-metallic mineral prods. (369)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY	
Belize	1992	..	10.9	..	3.6	..	62.0	48.4	..	11.4	16.9	..	26.6	34.7
Bolivia	1992	..	11.7	..	4.2	37.1	51.9	58.3	8.2	13.9	15.0	64.7	34.2	26.6
Burundi	1991	..	9.0	..	2.8	..	54.6	52.8	..	14.6	14.7	..	30.9	32.4
Chile	1992	..	53.1	3.0	8.6	42.6	47.3	44.2	9.1	9.7	9.1	48.3	43.0	46.7
China	1993	..	4.0	..	..	61.3	68.4	60.7	..	6.5	..	..	32.3	..
Colombia	1992	2.7	18.0	1.6	2.9	49.7	48.5	50.4	10.2	7.7	7.9	40.1	43.8	41.7
Costa Rica	1992	..	9.6	2.5	3.2	62.6	61.3	61.6	12.7	12.3	12.8	24.7	26.4	26.6
Croatia	1992	..	11.5	..	2.4	..	52.2	48.8	..	18.4	10.7	..	29.4	40.5
Cyprus	1993	3.2	31.4	3.5	14.3	64.5	58.0	56.1	20.4	18.6	20.4	16.1	23.4	24.5
Ecuador	1992	5.5	18.8	1.9	6.5	56.4	61.8	63.9	14.2	13.3	12.4	29.4	24.9	23.7
El Salvador	1993	..	11.8	..	3.2	52.9	..	48.3	12.4	..	14.0	34.6	..	37.6
Honduras	1992	..	..	..	..	60.3	63.1	62.4	17.6	14.3	18.6	22.1	22.7	19.0
Hong Kong	1991	..	38.7	6.6	14.8	82.2	82.6	81.0	6.8	6.9	7.3	11.0	10.5	11.7
India	1991	1.1	3.4	1.1	0.8	75.3	75.5	72.2	8.5	6.9	6.2	16.2	17.6	21.6
Indonesia	1992	2.8	5.9	2.9	1.0	66.7	61.8	60.4	7.4	5.1	6.7	26.8	33.2	32.9
Iran (Islamic Republic of)	1991	..	..	..	..	33.8	40.8	42.6	42.1	24.6	24.2	24.1	34.7	33.2
Iraq	1992	..	..	..	..	37.5	..	67.5	18.8	..	9.9	43.7	..	32.6
Kenya	1993	3.9	3.9	..	1.3	85.3	77.1	80.7	8.8	7.7	6.3	6.0	16.2	13.0
Kuwait	1992	..	24.8	..	8.2	60.8	72.1	53.6	15.9	8.9	15.4	23.3	19.0	31.0
Macao	1993	..	30.1	..	10.2	59.2	65.5	78.5	38.3	22.6	7.3	2.5	12.0	14.2
Malaysia	1992	..	21.8	2.3	4.4	53.5	53.2	57.5	11.4	9.6	9.3	35.1	37.2	36.2
Mauritius	1992	..	13.4	8.4	4.1	65.7	62.7	55.3	13.5	10.8	13.3	20.9	26.5	30.4
Mexico	1991	..	42.9	..	7.8	43.4	47.1	46.0	9.2	10.3	9.8	42.4	42.6	44.2
Nepal	1991	..	0.7	..	0.2	..	39.4	37.4	..	18.0	17.8	..	42.6	44.8
Netherlands Antilles	1993	..	..	..	5.9	..	..	..	..	..	..	..	..	..
Philippines	1991	..	8.5	4.2	1.9	72.8	58.1	69.9	7.8	8.6	9.2	19.4	33.4	30.9
Republic of Korea	1993	..	60.1	9.3	13.7	61.6	54.8	51.1	10.1	10.2	11.1	28.3	36.0	37.7
Senegal	1993	..	40.4	..	5.8	..	54.1	..	..	6.2	..	..	39.7	..
Singapore	1993	10.2	56.4	3.8	16.5	66.6	68.8	69.7	13.1	10.2	8.9	21.3	21.1	21.4
Sri Lanka	1992	..	..	..	..	72.7	72.7	45.0	11.9	11.7	7.6	..	15.6	47.4
Taiwan Province	1993	..	49.3	8.5	15.4	62.7	56.4	61.2	16.6	14.2	12.1	21.7	29.3	26.7
The f. Yugosl Rep of Macedonia	1993	..	..	..	..	55.7	50.0	..	..	10.2	18.3	..	34.1	31.7
Thailand	1991	..	36.0	..	4.9	..	55.5	52.9	..	6.7	6.3	..	37.8	40.7
Trinidad and Tobago	1992	..	25.1	..	9.3	..	49.4	53.1	..	18.8	17.4	..	31.8	29.5
Tunisia	1992	..	..	..	..	..	63.2	63.8	..	17.7	19.2	..	19.1	17.0
Turkey	1991	6.2	30.7	..	7.6	58.7	44.6	46.6	10.6	13.3	13.2	30.7	42.0	40.2
Uruguay	1993	..	15.2	..	1.3	51.5	58.1	56.1	16.2	13.1	3.8	32.2	28.8	40.1
Venezuela	1993	..	17.4	..	5.0	45.9	47.5	56.6	21.1	15.4	12.5	32.9	37.2	31.0
Yugoslavia	1992	..	..	..	..	..	51.3	46.8	..	..	..	..	..	..
Zimbabwe	1992	..	8.8	..	2.4	54.9	47.0	41.2	25.8	21.6	16.3	19.3	31.5	42.5

a. At current prices

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Iron and steel (371)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	62.9	1.1	28.2	66.2	67.0	66.3	18.4	14.6	15.1	15.4	18.5	18.6
Austria	1993	5.8	49.6	1.8	32.8	64.4	66.9	64.5	20.6	22.2	23.4	15.1	21.0	12.1
Belgium	1992	2.2	56.6	1.6	32.2	73.5	67.9	64.1	18.2	15.6	20.4	8.3	16.6	15.3
Canada	1993	3.6	72.8	0.1	37.0	60.2	62.3	61.0	21.3	22.6	19.8	18.6	15.1	19.2
Denmark	1991	...	61.7	1.3	30.3	58.1	53.6	49.8	20.8	21.9	24.6	21.1	24.6	25.6
Finland	1993	7.6	77.5	1.6	23.6	73.3	73.7	69.5	11.0	12.7	9.3	15.7	13.5	21.2
France	1993	1.9	33.4	...	...	76.0	68.8	72.4	20.3	18.2	...	3.7	13.0	...
Germany, western part	1992	1.7	76.9	1.7	35.9	66.7	62.1	49.7	19.7	20.3	23.5	23.6	27.5	26.8
Greece	1992	3.4	43.1	1.1	20.0	79.3	77.6	79.0	7.6	7.9	9.8	13.2	14.5	11.3
Ireland	1991	...	56.0	2.1	25.4	67.0	66.7	63.9	17.7	15.0	16.4	15.6	19.3	19.7
Israel	1992	...	46.5	...	25.0	64.0	63.2	76.3	19.4	15.9	13.0	16.6	10.9	10.8
Italy	1991	5.8	52.6	...	...	74.5	72.4	73.3	11.8	18.2	20.1	11.7	9.4	6.6
Japan	1993	1.9	167.7	1.3	53.0	66.2	61.6	59.7	10.1	10.3	12.7	23.6	28.1	27.6
Luxembourg	1992	4.1	50.0	3.0	38.7	65.8	66.9	75.1	15.8	15.9	18.6	17.5	15.3	5.4
Norway	1992	5.0	51.1	4.2	42.9	73.8	76.0	75.3	15.3	16.6	20.7	10.9	7.4	4.0
Portugal	1991	...	22.3	...	10.2	76.6	70.3	71.1	14.4	11.4	13.3	9.1	18.3	15.6
South Africa	1992	0.5	32.0	1.9	14.2	66.7	53.6	47.1	19.3	18.7	23.4	15.0	27.7	29.4
Spain	1992	...	43.1	2.4	28.2	74.4	69.0	70.0	13.3	15.1	19.6	12.4	15.9	10.4
Sweden	1993	5.0	49.2	1.6	24.7	64.7	66.6	74.0	13.6	13.2	13.1	21.7	20.3	12.9
United Kingdom	1992	4.2	55.3	1.8	27.0	64.3	60.9	61.0	16.9	17.6	19.1	18.8	21.6	19.9
United States of America	1993	3.9	88.8	-0.2	37.5	60.6	58.0	56.9	20.9	18.4	18.2	18.6	23.6	24.9
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	14.7	...	...	...
Bulgaria	1993	...	4.0	...	2.2	...	...	75.6	8.1	8.9	11.8	...	...	9.7
Czech Republic	1993	...	...	...	2.9	...	...	...	...	...	...	...	...	...
Hungary	1993	-1.9	4.3	0.8	3.8	86.1	...	84.6	7.3	7.1	13.9	6.6	...	1.6
Latvia	1992	...	...	...	2.3	...	...	...	...	8.1	5.2	...	...	...
Lithuania	1993	...	...	...	1.0	...	...	...	...	...	18.6	...	...	...
Poland	1993	...	8.3	...	3.0	...	60.3	73.6	...	5.0	9.6	...	34.7	16.8
Romania	1992	...	...	...	...	...	80.2	20.2	...	...	...	...	...	...
Russian Federation	1993	...	13.5	...	3.2	...	...	50.8	...	...	11.5	...	...	37.7
Slovakia	1993	...	...	...	3.0	...	...	...	...	...	0.8	...	...	...
Ukraine	1993	...	...	...	1.8	...	...	...	...	8.6	4.2	...	...	...
Developing countries														
Bahamas	1991	...	21.3	...	11.0	...	33.0	45.2	...	14.4	28.4	...	62.6	26.4
Bahrain	1992	...	...	...	15.2	...	...	...	...	...	11.3	...	...	...
Bolivia	1992	...	13.0	...	1.3	...	70.5	47.9	...	13.1	5.3	...	15.4	46.8
Chile	1992	...	34.3	3.5	9.6	55.6	55.6	61.2	7.4	9.2	10.8	37.0	35.3	27.9
China	1993	...	6.5	...	...	68.5	75.8	67.3	5.5	...	...	26.0	...	...
Colombia	1992	7.4	29.5	6.3	5.3	56.8	55.9	52.1	8.0	4.2	8.6	35.2	39.9	39.3

a/ At current prices

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Iron and steel (371)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Croatia	1992	...	8.7	...	2.2	...	67.8	60.8	...	17.4	9.8	...	14.8	29.4
Ecuador	1993	0.2	11.7	-1.4	5.1	60.8	82.6	84.9	6.5	6.2	6.6	32.7	11.2	8.5
El Salvador	1993	...	5.4	...	2.0	45.7	...	77.2	13.7	...	8.4	40.7	...	14.4
Ghana	1992	...	3.1	...	1.0	...	...	73.9	22.6	...	8.5	25.4	...	17.6
Honduras	1992	...	...	...	...	69.9	72.2	73.5	11.7	4.7	8.4	18.4	23.1	18.0
Hong Kong	1992	...	35.2	6.1	15.2	82.8	78.1	76.7	11.6	8.8	10.0	5.7	13.1	13.3
India	1991	...	2.7	-2.4	1.2	82.5	83.7	90.9	8.1	5.7	4.2	9.4	10.6	4.9
Indonesia	1992	...	31.4	...	1.7	...	...	56.4	...	1.2	2.3	...	42.4	40.8
Iran (Islamic Republic of)	1991	...	...	...	...	60.0	59.7	58.9	23.7	11.5	17.2	15.3	28.9	23.9
Jordan	1993	...	31.7	...	3.6	88.8	72.3	72.0	4.7	3.9	3.2	5.5	...	24.8
Kuwait	1992	...	31.8	...	5.8	50.6	63.6	33.2	20.5	10.7	12.2	28.9	25.8	54.6
Malaysia	1992	...	23.8	2.9	5.8	75.4	80.4	81.0	7.0	4.1	4.6	17.6	15.5	14.4
Mexico	1991	...	39.6	...	6.9	68.1	67.5	68.2	5.5	5.4	5.5	26.4	27.1	26.3
Nepal	1991	...	6.3	...	0.6	...	...	78.8	...	2.3	2.4	...	18.9	22.4
Philippines	1991	...	15.4	9.9	2.9	68.0	80.5	74.3	4.2	4.5	4.9	27.5	15.0	20.8
Qatar	1993	...	...	...	...	...	...	45.7	...	10.1	11.5	...	44.2	44.2
Republic of Korea	1993	...	90.7	8.8	16.8	69.2	64.4	64.2	5.5	6.8	6.5	25.3	22.8	29.1
Singapore	1993	2.1	58.5	2.7	22.6	88.5	69.8	71.3	11.5	8.4	11.1	20.0	21.8	17.8
Slovenia	1993	...	...	...	...	...	...	85.8	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	68.2	71.6	...	9.5	7.6	...	22.3	20.9
Taiwan Province	1993	...	63.3	8.8	18.6	66.3	65.4	67.4	8.7	9.8	9.6	25.0	24.8	23.0
The f. Yugosl Rep of Macedonia	1993	...	...	...	...	...	74.7	65.4	...	15.1	15.0	...	10.2	18.6
Thailand	1991	...	32.9	...	3.7	...	79.6	65.4	...	6.6	3.9	...	13.8	30.7
Trinidad and Tobago	1992	...	26.7	...	13.4	...	78.0	82.0	...	10.7	9.1	...	11.3	8.9
Tunisia	1992	...	...	...	...	...	80.5	81.2	...	9.2	12.0	...	10.3	6.8
Turkey	1991	8.0	30.9	...	15.5	75.5	76.0	69.6	6.6	10.1	15.3	17.9	13.9	15.1
Uruguay	1992	1.0	32.6	...	2.2	49.8	46.1	58.6	9.5	8.4	2.8	40.7	45.5	36.6
Venezuela	1993	...	21.3	...	5.8	52.4	65.0	66.7	16.8	14.1	9.1	30.9	19.9	24.2
Yugoslavia	1992	...	...	...	...	...	...	85.5	...	...	...	...	...	...
Zimbabwe	1992	...	18.4	...	3.4	57.7	54.6	37.4	24.6	22.8	11.7	17.8	22.6	50.9

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Non-ferrous metals (372)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	...	0.7	29.7	70.1	59.9	...	10.4	8.4	8.8	19.5	31.7	...
Austria	1993	4.1	47.5	2.6	33.5	75.2	83.1	81.9	12.4	10.4	12.7	12.4	6.6	6.3
Belgium	1992	4.7	79.9	1.6	32.2	80.6	76.3	76.0	8.0	7.0	9.6	11.4	16.7	14.3
Canada	1993	5.6	89.0	0.4	37.7	59.4	61.2	61.9	20.9	19.6	20.8	19.7	19.2	17.2
Denmark	1991	...	37.7	0.4	28.6	70.2	60.4	61.0	17.2	29.1	29.6	12.6	10.5	9.4
Finland	1993	4.8	55.2	2.6	25.0	88.0	81.4	84.4	7.7	7.2	7.1	4.2	11.4	8.6
France	1993	4.5	93.3	...	...	70.2	70.1	67.1	16.3	16.5	...	14.5	14.4	...
Germany, western part	1992	2.6	76.0	2.6	37.2	66.7	62.1	69.1	14.8	16.2	20.3	18.5	21.6	20.6
Greece	1992	4.3	52.3	0.0	23.9	68.7	70.9	76.2	11.5	10.7	11.3	19.8	18.4	13.6
Iceland	1992	...	39.3	0.7	38.4	...	78.3	82.4	...	15.2	17.2	...	6.4	0.4
Ireland	1991	...	26.7	0.8	22.6	73.6	78.6	87.0	11.8	7.6	11.1	14.6	13.9	2.0
Israel	1992	...	32.0	...	17.0	66.1	65.2	61.8	20.4	19.7	20.3	23.5	15.1	17.9
Italy	1991	5.8	46.7	...	...	79.0	78.2	77.6	9.5	15.5	19.6	11.5	5.3	2.9
Japan	1993	2.6	117.3	1.3	45.0	73.4	69.1	63.4	9.9	10.2	14.0	16.8	20.7	22.6
Luxembourg	1992	...	69.3	1.7	33.5	75.8	74.3	68.7	13.0	13.9	15.1	11.3	11.9	16.1
Norway	1992	7.9	68.9	5.4	48.4	70.1	77.1	78.0	11.7	10.4	15.4	18.2	12.5	6.6
Portugal	1991	...	35.7	...	8.8	72.4	78.4	75.2	10.2	5.0	6.1	17.5	16.6	18.7
South Africa	1992	1.5	44.8	-0.1	11.6	53.6	66.8	48.8	11.4	10.4	13.3	35.1	22.9	37.9
Spain	1992	...	55.6	3.1	27.7	73.7	73.7	74.9	8.5	10.4	12.5	17.7	15.9	12.6
Sweden	1993	4.1	48.3	1.5	22.5	74.7	71.4	76.4	10.4	9.8	11.0	14.9	18.8	12.6
United Kingdom	1992	3.7	51.7	1.9	26.5	74.7	73.7	71.0	12.4	13.5	14.9	13.0	12.8	14.2
United States of America	1993	0.9	75.1	-0.8	32.1	71.5	70.1	67.1	16.5	12.6	14.0	13.0	17.3	18.8
Countries of eastern Europe and the former USSR														
Armenia	1991	...	6.1	...	2.6	...	71.1	68.5	...	17.1	13.6	...	11.8	17.9
Bulgaria	1993	...	10.7	...	2.2	...	...	47.7	3.6	7.7	10.9	...	...	41.4
Czech Republic	1993	...	...	...	2.7	...	...	...	...	...	...	...	...	...
Hungary	1993	2.7	8.8	0.0	3.9	91.9	...	81.3	5.3	5.8	8.3	2.8	...	10.4
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	3.2	5.2	...	...	...
Latvia	1992	...	...	...	1.5	...	...	...	...	10.7	8.4	...	...	...
Lithuania	1993	...	...	...	0.4	...	...	...	...	...	34.0	...	...	...
Poland	1993	...	7.6	...	3.3	...	59.3	90.4	...	2.3	4.2	...	38.4	6.4
Romania	1992	...	...	...	...	...	97.3	94.8	...	...	...	...	...	...
Russian Federation	1993	...	12.4	...	3.3	...	...	67.8	...	...	8.5	...	...	23.7
Slovakia	1993	...	...	...	2.6	...	...	...	...	...	9.3	...	...	...
Ukraine	1993	...	...	...	1.6	...	...	...	...	...	4.8	...	...	...
Developing countries														
Bahrain	1992	...	...	...	...	...	...	...	...	...	13.0	...	...	...
Bolivia	1992	...	17.2	...	5.0	94.8	87.3	82.3	0.6	4.4	5.2	4.6	8.4	12.6
Chile	1992	...	220.2	5.3	14.3	45.9	65.6	65.5	2.5	1.7	2.2	51.7	32.7	32.2
China	1993	...	4.9	...	...	74.0	80.8	73.2	3.6	...	...	22.4	...	...

a/ At current prices

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year	Non-ferrous metals (372)											
		Value added per employee		Wages per employee		Percentage in output a/							
		Real annual growth rate (percentage)		Real annual growth rate (percentage)		Costs of input materials and utilities		Costs of labour		Operating surplus			
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY		
Colombia	1992	0.0	17.9	0.9	3.3	56.5	96.9	59.0	6.9	4.6	7.4	36.6	33.6
Costa Rica	1992	...	4.0	...	3.6	...	75.7	...	...	...	21.6	...	2.7
Croatia	1992	...	18.8	...	2.0	...	56.4	...	...	11.6	4.3	...	25.3
Ecuador	1993	...	29.0	...	5.7	...	89.8	...	7.9	6.7	6.8	22.0	4.6
Ghana	1993	...	20.1	...	6.5	...	55.3	...	10.1	20.5	9.4	34.6	19.8
Honduras	1992	...	...	...	...	...	44.8	...	29.1	...	33.8	26.0	21.9
Hong Kong	1992	...	38.5	...	15.3	...	79.5	...	10.4	5.7	3.5	10.1	6.2
India	1991	...	3.7	...	1.3	...	91.5	...	6.8	6.4	6.4	1.7	11.4
Indonesia	1992	...	31.8	...	1.5	...	71.6	...	...	1.3	1.9	...	27.1
Iran (Islamic Republic of)	1991	...	...	...	...	...	58.5	...	16.5	6.0	9.2	26.0	37.4
Jordan	1993	...	27.8	...	4.8	...	77.5	...	7.4	6.6	7.2	16.1	28.6
Malaysia	1992	...	18.5	...	4.7	...	93.6	...	2.6	4.0	6.1	3.8	34.6
Mexico	1991	...	33.7	...	6.5	...	71.6	...	4.0	4.3	6.2	24.4	16.0
Philippines	1991	...	11.0	...	3.2	...	90.6	...	1.7	1.3	2.0	7.7	26.1
Republic of Korea	1993	...	49.0	...	13.6	...	76.5	...	7.8	7.4	8.3	16.7	6.0
Singapore	1993	...	61.5	...	20.4	...	83.9	...	5.2	9.8	11.6	10.9	21.6
Slovenia	1993	...	...	...	...	...	...	...	...	...	...	...	23.3
Sri Lanka	1992	...	...	...	...	...	...	...	...	...	...	...	28.2
Taiwan Province	1992	...	44.0	...	14.1	...	68.1	...	...	3.7	6.9	...	36.2
The f. Yugosl Rep. of Macedonia	1993	...	...	...	...	...	...	...	5.0	6.1	6.1	11.8	13.0
Thailand	1991	...	25.2	...	5.7	...	62.5	...	...	22.4	19.8	...	24.8
Turkey	1991	...	26.4	...	10.7	...	82.1	...	...	5.2	4.2	...	14.4
Uruguay	1993	...	34.7	...	8.4	...	74.2	...	8.5	9.5	16.2	17.2	22.1
Venezuela	1993	...	...	...	...	...	44.8	...	9.9	12.6	6.2	46.3	51.3
Yugoslavia	1992	...	...	...	...	...	61.2	...	7.8	5.5	7.7	31.0	24.0
Zimbabwe	1992	...	11.2	...	2.3	...	73.5	...	14.4	14.2	9.5	32.0	36.9

a/ At current prices.

TABLE 1.12
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	Latest year (LY)	Metal products (381)												
		Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value 1000 dollars	Real annual growth rate (percentage)	Value 1000 dollars	Costs of input materials and utilities		Costs of labour		Operating surplus				
		1985-LY	LY	1985-LY	LY	1985	LY	1985	LY	1985	LY			
Industrialized countries b/														
Australia	1991	-1.5	42.8	0.6	21.0	58.2	57.2	58.4	23.0	20.6	21.4	18.8	22.2	22.3
Austria	1993	3.2	47.1	2.6	28.6	60.4	57.2	58.1	24.6	24.1	25.4	16.0	18.7	16.4
Belgium	1992	3.1	43.3	1.1	23.8	56.7	55.8	55.1	21.3	23.6	23.4	22.0	20.6	20.6
Canada	1993	0.7	46.0	-0.6	24.5	52.9	49.5	48.7	30.4	36.3	38.0	16.7	14.1	16.3
Denmark	1991	0.8	42.9	0.4	29.3	64.1	64.1	65.9	25.2	23.4	20.6	26.8	22.6	23.5
Finland	1993	5.2	42.3	1.8	19.7	47.9	48.6	48.6	33.7	32.2	25.6	12.9	16.0	16.0
France	1993	1.0	67.0	3.3	33.4	51.0	47.7	48.0	25.3	25.6	25.6	22.7	26.7	26.2
Germany, western part	1992	1.3	67.3	2.1	33.4	51.0	47.7	48.0	25.3	25.6	25.6	22.7	26.7	26.2
Greece	1992	0.7	27.8	-1.1	12.4	64.8	63.7	62.0	18.9	18.7	17.0	18.5	17.6	21.0
Iceland	1992	0.6	38.5	1.1	30.1	41.3	51.4	59.0	42.1	34.3	32.0	16.7	14.3	9.0
Ireland	1991	0.6	38.4	1.1	18.2	56.4	57.2	54.3	22.1	20.9	21.6	21.4	21.8	24.0
Israel	1992	...	27.8	...	23.0	51.1	51.0	59.1	29.2	33.4	33.8	19.7	16.6	7.1
Italy	1991	1.0	50.4	1.9	39.0	61.3	64.0	62.6	18.4	24.7	26.7	20.3	11.3	11.8
Japan	1993	0.0	94.8	2.4	31.6	55.5	54.5	52.8	18.6	17.1	19.4	26.9	28.4	27.8
Luxembourg	1992	-1.6	45.3	...	28.5	59.2	60.8	61.9	17.0	23.9	25.6	13.8	15.3	11.6
Netherlands	1993	2.0	48.1	...	18.0	63.3	64.4	62.1	27.7	20.8	23.9	9.0	18.0	14.0
New Zealand	1991	...	...	...	...	...	...	...	...	...	...	...	...	...
Norway	1992	3.1	42.2	3.7	36.2	57.5	67.3	61.0	19.1	20.8	...	13.4	12.2	...
Portugal	1991	...	46.9	...	8.3	59.9	62.7	61.0	28.1	27.8	33.4	12.0	9.5	6.6
South Africa	1992	-3.7	13.3	...	8.4	59.3	68.3	67.4	18.0	5.8	8.8	22.7	26.9	26.6
Spain	1992	1.9	42.0	-2.3	60.1	67.2	60.1	64.2	22.9	26.3	22.6	9.9	14.6	13.2
Sweden	1993	2.4	42.0	1.4	21.8	55.7	59.7	58.2	20.6	19.0	20.8	23.7	21.3	21.0
Switzerland	1992	-0.5	45.6	1.8	24.5	52.5	47.1	60.5	20.1	20.1	20.6	32.2	32.8	19.0
United Kingdom	1992	1.7	62.2	-0.5	27.3	50.7	51.9	51.0	24.0	23.5	26.9	23.2	24.7	23.2
United States of America	1993	1.7	62.2	-0.5	27.3	50.7	51.5	49.9	23.0	22.0	22.0	26.4	26.5	28.1
Countries of eastern Europe and the former USSR														
Armenia	1991	...	...	...	2.1	...	...	...	...	...	...	...	...	...
Bulgaria	1993	...	2.5	...	1.2	...	...	...	...	...	...	...	...	...
Czech Republic	1993	...	...	...	2.4	...	...	...	...	...	...	...	...	...
Hungary	1993	-0.8	6.2	0.7	3.2	64.2	...	66.3	11.7	16.4	17.0	24.1	...	16.6
Lithuania	1992	...	...	...	1.6	...	...	...	...	...	...	...	...	...
Poland	1993	...	...	...	2.4	...	...	...	...	...	...	...	...	...
Republic of Moldova	1991	...	6.5	...	2.4	...	43.6	60.7	...	12.0	17.0	...	44.9	22.2
Romania	1992	...	1.5	...	0.7	...	62.3	59.3	...	29.4	22.4	...	23.4	17.0
Russian Federation	1993	...	3.4	...	1.3	...	...	44.4	...	14.3	13.7	...	...	34.7
Slovakia	1993	...	...	...	2.2	...	...	...	...	...	...	...	...	...
Ukraine	1993	...	...	...	1.6	...	...	...	...	...	...	...	...	...
Developing countries														
Bahrain	1992	...	...	...	4.3	...	...	...	...	...	16.7	...	...	...

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Metal products (381)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Barbados	1993	...	26.7	3.7	11.7	76.6	72.8	69.6	16.9	16.7	13.3	6.6	11.7	17.2
Belize	1992	...	7.2	...	5.3	...	70.1	79.4	...	9.8	16.1	...	20.2	6.6
Bolivia	1992	5.1	10.0	...	1.9	46.6	71.0	60.7	9.0	7.8	7.4	46.3	21.2	31.9
Burundi	1991	...	7.2	...	4.1	...	87.4	87.8	...	7.2	6.9	...	6.4	6.3
Chile	1992	...	20.4	4.4	5.9	66.2	67.6	66.8	11.6	11.1	11.9	33.2	31.2	29.3
China	1993	...	3.6	...	...	66.8	73.0	69.4	2.6	...	...	31.6	...	...
Colombia	1992	2.9	9.3	0.1	2.1	66.8	69.9	67.0	10.6	6.6	9.8	32.6	31.6	33.2
Costa Rica	1992	...	6.4	0.3	2.7	76.9	76.9	76.6	16.6	14.0	11.6	8.6	9.1	11.9
Croatia	1992	...	9.2	...	4	...	64.6	60.6	...	20.6	12.6	...	26.0	36.9
Cyprus	1993	2.1	20.0	3.2	10.4	66.3	66.4	63.2	16.4	16.6	19.2	16.3	19.2	17.7
Ecuador	1993	4.7	11.2	-1.1	3.8	64.0	70.6	63.7	14.8	12.4	12.3	21.1	17.1	24.0
El Salvador	1993	...	7.1	...	2.1	47.1	...	62.2	12.8	...	14.3	40.1	...	33.6
Fiji	1991	...	7.6	-2.3	3.6	76.3	78.6	79.3	11.1	9.9	10.0	10.6	11.6	10.7
Ghana	1993	...	6.9	...	1.1	61.4	...	69.6	7.9	...	7.4	30.7	...	33.1
Honduras	1992	...	...	...	...	67.4	69.3	76.9	14.7	10.7	10.3	17.9	20.0	12.8
Hong Kong	1992	10.3	18.6	4.7	9.7	66.6	68.7	66.6	21.2	16.8	16.6	12.2	14.4	16.0
India	1991	0.2	2.6	0.4	1.0	77.6	81.6	79.6	11.1	8.6	8.2	11.2	9.7	12.0
Indonesia	1992	0.0	6.4	3.6	1.4	70.6	70.6	64.2	7.7	4.8	6.1	21.6	24.6	27.7
Iran (Islamic Republic of)	1991	...	...	...	...	46.6	61.9	64.1	28.0	14.3	16.6	26.4	23.6	27.3
Jordan	1993	...	6.3	...	1.9	66.1	60.6	66.6	16.1	14.3	10.3	16.8	24.9	24.2
Kenya	1993	4.0	2.7	...	1.0	66.9	61.1	64.4	6.0	6.6	6.7	7.1	12.3	9.9
Kuwait	1992	...	18.0	...	6.8	60.0	46.0	64.6	19.6	27.2	17.2	20.6	27.6	26.0
Macau	1993	...	11.6	...	6.4	66.9	66.8	66.3	26.6	21.7	23.4	16.6	21.4	18.3
Malaysia	1992	...	13.6	2.0	4.1	66.7	73.6	69.9	13.2	9.0	9.2	18.1	17.6	20.9
Mauritius	1992	...	7.9	4.9	3.3	62.8	60.9	63.4	13.6	11.2	19.6	23.7	37.9	27.1
Mexico	1991	...	20.6	...	6.6	66.6	66.7	66.1	11.6	11.2	12.2	32.6	33.2	32.7
Morocco	1993	-0.9	7.6	-1.0	4.2	66.9	74.3	72.9	16.9	13.4	16.1	16.2	12.3	12.0
Nepal	1991	...	2.6	...	0.6	...	66.1	71.2	...	6.2	6.6	...	27.7	23.2
Philippines	1991	...	4.6	0.7	1.6	76.3	66.7	64.6	9.2	11.6	12.1	14.6	22.7	23.3
Puerto Rico	1991	...	26.7	...	...	...	72.1	72.0	...	...	...	...	...	...
Republic of Korea	1993	-0.0	36.3	9.6	12.8	69.9	67.7	63.0	14.6	13.6	16.6	26.4	26.7	31.3
Senegal	1993	...	20.9	...	7.3	...	70.3	...	...	11.1	...	...	18.6	...
Sierra Leone	1993	...	2.2	...	0.4	...	40.9	...	...	...	10.9	...	48.2	...
Singapore	1993	0.1	34.8	3.7	16.1	62.6	66.2	62.6	17.6	14.8	16.3	19.9	20.0	21.3
Slovenia	1993	...	...	...	...	...	66.9	...	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	62.2	66.3	22.8	8.9	10.7	...	26.8	34.0
Taiwan Province	1993	...	21.3	6.8	12.8	66.6	60.9	66.3	26.0	24.9	20.9	7.6	14.2	13.8
The f Yugosl. Rep. of Macedonia	1993	...	...	...	...	...	48.1	43.7	...	26.4	23.6	...	23.6	32.6
Thailand	1991	...	16.8	...	2.6	...	61.3	60.6	...	3.7	7.7	...	16.0	41.6
Tonga	1992	...	...	...	2.2	...	...	...	17.6	23.2	11.0	...	...	...
Trinidad and Tobago	1992	...	9.6	...	6.1	...	61.7	67.6	...	23.6	17.3	...	14.8	16.1
Turkey	1991	7.5	26.1	...	7.2	66.2	66.6	64.6	11.9	11.1	12.6	26.9	33.3	32.9
Uruguay	1993	...	16.7	...	2.2	46.0	62.8	48.1	17.4	14.6	7.3	36.6	32.7	44.6
Venezuela	1993	...	13.2	...	3.9	66.4	64.6	62.7	16.6	11.6	10.9	26.1	23.9	26.4
Yugoslavia	1992	...	...	...	...	...	63.3	44.2	...	...	...	...	...	...
Zimbabwe	1992	...	7.3	...	2.6	67.2	63.6	62.6	23.3	19.2	16.3	19.6	27.3	31.1

a/ At current prices.

TABLE 1.12
SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Country or area	latest year (LY)	Non-electrical machinery (382)												
		Value added per employee		Wages per employee		Costs of input materials and utilities		Percentage in output a/						
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	1985	1990	LY	1985	1990	LY			
		1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY			
Industrialized countries b/														
Australia	1991	..	47.8	1.7	23.7	54.2	53.7	53.5	25.2	23.0	23.1	20.5	23.2	23.4
Austria	1993	5.1	48.5	2.3	33.1	63.8	63.9	64.2	22.0	22.6	24.4	14.2	13.4	11.4
Belgium	1993	-0.3	81.8	1.1	26.7	..	..	..	..	..	..	..	..	..
Canada	1993	3.8	54.9	0.1	27.3	92.8	95.0	94.1	23.4	23.5	22.8	23.8	21.5	23.1
Denmark	1991	-2.1	39.8	0.6	30.8	48.9	48.8	45.8	34.6	42.5	42.0	18.4	10.7	12.2
Finland	1993	3.8	45.6	1.4	22.4	48.8	53.7	59.4	25.6	22.4	19.9	27.5	23.8	20.5
France	1993	1.1	49.0	..	..	58.1	60.0	63.6	30.7	26.9	..	11.2	13.1	..
Germany, western part	1992	0.3	79.2	2.4	38.6	43.8	42.6	41.8	28.4	27.4	28.4	30.0	20.8	29.5
Greece	1992	0.2	24.0	-0.1	11.3	59.4	68.0	67.2	20.6	21.1	20.1	20.0	20.8	22.8
Ireland	1991	9.7	124.5	2.6	23.4	58.6	51.7	53.7	7.4	7.6	8.7	34.0	40.7	37.8
Israel	1992	..	31.2	..	..	47.8	58.3	62.5	35.4	30.6	27.5	18.8	11.1	9.8
Italy	1991	1.3	54.5	..	..	42.3	65.6	64.3	18.0	24.3	26.3	38.7	10.1	9.5
Japan	1993	0.7	105.9	1.4	43.6	88.8	97.9	98.7	18.8	14.6	17.0	28.5	27.6	24.3
Luxembourg	1992	3.5	48.0	4.6	41.6	86.1	50.3	48.1	29.2	30.9	48.1	12.7	18.8	6.8
Netherlands	1993	1.0	47.8	..	..	84.3	82.6	82.3	27.8	23.2	24.7	7.9	14.2	13.0
New Zealand	1991	..	..	..	..	66.7	64.2	..	20.0	22.4	..	13.3	13.4	..
Norway	1992	2.7	52.1	4.3	46.8	74.4	77.1	77.4	16.7	16.4	20.3	8.9	6.6	2.3
Portugal	1991	..	39.2	..	..	97.9	67.6	67.3	17.8	8.3	8.1	24.4	24.1	24.8
South Africa	1992	3.1	22.3	-0.3	12.2	58.7	51.7	58.1	29.2	21.7	24.0	14.0	18.6	20.0
Spain	1992	-0.4	46.1	..	..	55.4	59.6	59.0	19.5	20.3	21.5	28.1	20.2	19.6
Sweden	1993	0.9	49.8	2.3	25.4	60.0	50.1	52.9	20.1	20.3	24.1	29.9	29.5	23.1
United Kingdom	1992	2.4	56.5	2.7	28.4	52.1	54.0	54.7	22.1	20.9	22.8	25.7	25.1	22.5
United States of America	1993	6.5	80.2	-0.3	33.3	48.5	48.3	49.2	23.7	22.1	21.1	27.8	29.5	29.7
Countries of eastern Europe and the former USSR														
Albania	1993	..	..	..	0.4	..	..	..	..	..	..	..	..	..
Azerbaijan	1991	..	..	..	1.9	..	..	..	..	..	..	..	..	..
Czech Republic	1993	..	..	..	2.4	..	..	..	..	..	..	..	..	..
Hungary	1993	..	8.2	0.9	3.4	60.0	..	61.2	12.6	19.0	16.2	27.4	..	22.6
Kyrgyzstan	1993	..	..	..	..	..	..	..	..	..	..	..	..	..
Latvia	1992	..	..	..	..	..	..	..	..	..	..	..	..	..
Lithuania	1993	..	..	..	1.5	..	..	..	..	..	..	..	..	..
Poland	1993	..	5.0	..	2.5	..	..	..	..	..	..	..	..	..
Republic of Moldova	1991	..	..	..	..	..	..	39.2	55.8	12.7	21.5	..	48.1	21.6
Russian Federation	1993	..	3.3	..	1.0	..	..	..	..	..	..	..	..	..
Slovakia	1993	..	..	..	2.0	..	..	..	..	..	..	..	..	..
Ukraine	1993	..	..	..	1.1	..	..	..	..	..	..	..	..	..
Developing countries														
Bolivia	1992	..	7.5	..	3.3	33.8	47.7	41.5	41.3	35.3	25.7	25.0	17.0	32.3
Chile	1992	..	17.6	..	9.2	59.6	62.6	63.1	29.9	20.0	18.2	10.4	17.5	17.7
China	1993	..	2.5	-0.1	..	63.9	71.1	69.7	9.0	..	..	27.1	..	..

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Non-electrical machinery (382)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY	
Colombia	1992	8.1	9.1	0.3	2.2	55.8	65.2	65.2	11.3	8.2	10.6	32.0	26.7	34.1
Costa Rica	1992	...	4.6	2.0	3.3	65.2	65.0	65.7	18.9	25.5	24.7	15.0	8.4	9.6
Croatia	1992	...	8.7	...	2.3	...	53.4	45.8	...	22.1	14.3	...	24.5	39.9
Cyprus	1993	1.9	19.1	2.4	11.1	56.8	58.5	54.7	24.5	22.5	26.3	18.7	19.1	19.0
Ecuador	1993	...	4.9	-0.3	3.3	59.5	70.6	65.0	18.2	14.9	23.0	22.2	14.6	11.1
El Salvador	1993	...	21.5	...	2.9	43.2	...	22.1	10.3	...	10.5	46.5	...	67.8
Ghana	1993	...	2.3	...	0.8	26.5	...	71.2	26.1	...	10.1	47.3	...	18.7
Kandurāt	1992	...	...	...	...	60.5	58.0	59.1	22.9	14.1	27.9	16.6	27.9	13.0
Hong Kong	1992	1.2	26.3	6.3	11.7	70.1	71.8	73.3	18.2	12.6	11.8	11.7	15.7	14.9
India	1991	4.4	3.9	1.7	1.6	73.0	77.8	76.9	12.2	9.6	9.3	14.8	12.6	13.8
Indonesia	1992	...	7.6	...	1.3	64.3	56.1	59.1	8.9	6.2	7.7	25.8	27.7	33.7
Iran (Islamic Republic of)	1991	...	...	...	...	55.3	51.2	52.4	27.2	17.0	17.1	17.5	31.9	30.5
Jordan	1993	...	7.6	...	2.1	64.8	57.2	69.5	19.9	9.7	8.4	15.3	33.1	22.0
Kenya	1993	-2.6	1.8	...	0.8	81.6	50.0	68.0	10.3	20.7	13.4	8.0	29.3	18.6
Kuwait	1992	...	10.9	...	6.2	36.8	40.5	27.3	47.2	47.5	41.5	15.2	12.0	31.2
Macau	1993	...	13.1	...	8.8	48.8	39.5	39.0	38.3	29.2	41.2	12.9	31.3	19.7
Malaysia	1992	...	17.1	1.8	4.6	65.7	58.0	71.5	16.0	8.7	7.7	16.3	23.3	20.8
Mexico	1991	...	24.3	...	5.8	52.9	53.0	55.3	11.9	11.9	12.5	35.2	35.1	32.2
Morocco	1993	...	8.3	-0.5	4.5	...	...	63.1	12.3	15.1	20.0	...	...	15.9
Netherlands Antilles	1993	...	...	...	11.3	...	...	...	...	...	...	...	...	...
Philippines	1991	...	4.0	...	5.9	66.3	56.3	57.7	15.7	19.0	19.7	17.0	22.7	22.6
Puerto Rico	1991	...	...	...	...	...	67.5	67.4	...	...	...	...	...	...
Republic of Korea	1993	1.5	41.0	8.6	13.6	58.7	56.8	58.5	14.2	13.3	13.8	27.1	29.9	27.7
Senegal	1993	...	6.2	...	5.1	...	58.5	...	...	32.1	...	...	9.5	...
Singapore	1993	...	66.0	0.5	15.1	54.9	55.4	70.4	22.1	8.2	5.8	23.0	23.4	22.9
Slovenia	1993	...	...	...	...	...	...	68.8	...	...	...	...	...	...
Sri Lanka	1992	...	...	...	...	...	58.4	61.5	...	9.5	8.7	30.1	...	32.9
Taiwan Province	1993	...	28.2	6.4	13.7	67.8	65.6	65.2	17.5	17.5	16.9	14.7	16.8	17.9
The Yugoslav Rep of Macedonia	1993	...	...	...	...	...	61.3	20.4	...	22.9	23.6	...	15.9	56.0
Trinidad and Tobago	1992	...	22.5	...	10.2	...	74.7	65.9	...	10.8	14.9	...	14.5	18.2
Tunisia	1992	...	...	...	...	...	85.2	85.9	...	12.6	12.4	...	2.2	1.7
Turkey	1981	8.2	30.9	...	9.4	68.1	57.2	61.6	10.7	10.5	11.7	21.2	32.3	26.7
Uruguay	1993	...	12.4	...	1.2	28.0	45.1	42.3	20.8	17.4	5.7	53.3	37.5	52.0
Venezuela	1993	...	13.2	...	3.8	55.3	57.9	63.2	15.5	11.8	10.6	25.1	30.3	26.2
Yugoslavia	1992	...	...	...	...	...	49.7	35.6	...	...	...	...	...	...
Zimbabwe	1992	...	8.9	...	2.7	45.2	45.2	45.5	24.2	17.9	16.4	30.6	35.9	38.1

a/ At current prices

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Electrical machinery (383)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	...	61.2	0.6	22.3	63.0	62.8	63.7	24.4	21.0	20.1	22.6	26.2	26.1
Austria	1993	5.0	66.6	3.7	34.6	62.6	62.6	61.6	22.8	22.0	23.9	14.4	16.2	14.6
Belgium	1992	4.1	61.6	1.4	29.3	...	...	...	...	...	...	...	...	...
Canada	1993	3.7	63.6	0.8	28.9	60.8	49.2	66.4	23.4	23.6	20.3	26.8	27.3	24.3
Denmark	1991	0.9	41.7	1.2	31.7	46.0	49.7	49.6	32.7	37.6	36.3	19.3	12.8	12.1
Finland	1992	16.8	61.7	2.4	21.9	48.6	62.3	66.3	26.7	21.1	16.9	26.8	26.6	26.8
France	1993	2.0	69.0	...	...	62.3	63.3	63.3	36.3	31.3	...	12.6	16.4	...
Germany, western part	1992	2.6	79.2	2.7	37.2	44.1	41.6	42.6	26.6	26.3	27.0	30.1	32.2	30.4
Greece	1992	1.7	42.7	0.2	14.1	52.8	63.5	62.4	16.1	14.1	12.6	19.1	22.3	26.1
Ireland	1991	11.8	91.0	2.1	20.1	61.3	41.9	42.2	16.9	13.6	12.8	32.8	44.6	46.0
Israel	1992	...	63.1	...	36.6	46.6	46.2	62.2	33.7	34.2	32.0	20.7	20.6	16.8
Italy	1991	3.3	67.6	...	...	69.0	61.6	61.8	19.9	26.2	26.9	21.2	12.9	12.3
Japan	1993	4.1	94.0	2.4	37.6	60.6	60.3	60.2	13.6	13.8	16.9	26.9	26.9	23.9
Netherlands	1993	6.1	66.1	...	33.9	66.1	66.0	66.3	26.8	20.6	24.3	8.2	11.6	17.4
New Zealand	1991	...	...	...	16.3	71.1	69.3	...	19.2	19.8	...	9.7	11.0	...
Norway	1992	7.6	66.6	4.4	46.6	66.3	66.6	64.6	26.6	23.8	26.6	12.9	10.6	6.9
Portugal	1991	...	27.9	...	11.4	66.4	72.3	72.3	14.7	10.6	11.4	20.0	17.1	16.3
South Africa	1992	-4.6	12.4	-1.6	10.3	63.9	71.2	61.0	21.7	22.7	32.3	14.4	6.1	6.7
Spain	1992	6.1	63.3	3.1	26.7	66.2	60.0	61.6	19.6	16.3	16.6	24.2	23.7	19.9
Sudan	1993	11.2	46.9	2.4	24.1	46.1	46.7	62.9	20.8	18.3	16.3	33.2	36.9	18.8
Switzerland	1993	...	70.0	...	...	...	69.6	61.2	...	...	...	...	...	...
United Kingdom	1992	-2.7	49.3	2.2	26.4	62.3	63.6	63.2	22.9	23.6	24.0	24.8	23.0	22.7
United States of America	1993	7.7	90.9	-0.3	31.9	43.3	46.0	44.6	26.2	21.4	19.6	31.6	33.6	36.9
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.4	...	...	...	...	...	11.3	...	...	...
Armenia	1991	...	2.9	...	2.0	...	...	74.0	...	...	18.2	...	...	...
Bulgaria	1993	...	2.9	...	1.2	...	...	64.6	10.8	13.7	16.4	...	...	27.0
Czech Republic	1993	...	...	...	2.3	...	...	...	...	...	...	...	...	...
Hungary	1993	...	7.0	1.7	3.6	60.2	...	69.6	11.2	14.9	16.0	26.6	...	16.2
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	4.1	3.1	...	...	...
Latvia	1992	...	...	...	1.3	...	...	...	...	16.8	19.0	...	...	...
Lithuania	1993	...	...	...	0.7	...	...	...	...	...	10.2	...	...	...
Poland	1993	...	6.4	...	2.6	...	47.3	62.6	...	10.7	16.2	...	42.0	21.9
Republic of Moldova	1991	...	...	...	...	...	...	...	...	16.4	16.6	...	...	...
Romania	1992	...	2.0	...	0.7	...	69.7	66.6	...	10.1	10.9	...	30.2	20.6
Russian Federation	1993	...	3.6	...	1.0	...	...	43.6	...	...	16.1	...	...	37.3
Slovakia	1993	...	...	...	1.9	...	...	...	...	...	13.2	...	...	...
Ukraine	1993	...	...	...	1.0	...	...	...	...	17.9	10.9	...	...	...
Developing countries														
Bahrain	1992	...	...	...	6.6	...	...	...	...	...	3.6	...	...	...

a/ At current prices.

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Electrical machinery (383)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Belize	1992	...	4.4	...	4.1	...	90.9	95.8	...	6.4	3.9	...	2.7	0.3
Bolivia	1992	...	9.2	...	1.6	69.3	59.1	63.1	3.8	8.6	8.3	26.9	32.2	38.7
Cameroon	1993	...	5.8	...	5.2	...	78.4	67.6	...	16.0	29.1	...	7.6	3.4
Chile	1992	...	34.5	0.7	8.5	37.8	48.4	46.4	16.6	10.8	13.2	45.6	40.8	40.4
China	1993	...	4.1	...	...	85.6	74.2	71.9	3.5	...	...	30.9	...	...
Colombia	1992	-1.9	14.9	0.0	2.7	56.6	58.0	52.8	9.1	7.2	8.6	35.2	34.8	38.5
Costa Rica	1992	...	9.8	-2.5	3.5	73.3	74.8	75.1	8.2	10.3	8.9	18.5	14.9	16.0
Croatia	1992	...	11.5	...	2.6	...	48.8	47.5	...	20.3	11.9	...	32.9	40.8
Cyprus	1993	3.7	19.6	5.1	11.2	72.3	64.1	66.3	12.1	19.4	19.7	15.6	16.6	16.0
Ecuador	1993	11.4	13.6	0.4	4.2	66.2	71.1	63.3	13.0	10.5	11.6	21.8	18.4	25.2
El Salvador	1993	...	30.6	...	5.0	44.2	...	61.1	9.5	...	6.4	46.4	...	32.6
Ghana	1993	...	8.0	...	1.0	47.9	...	59.8	7.5	...	6.2	44.6	...	35.0
Honduras	1992	...	...	...	...	65.0	69.1	77.1	14.2	6.4	6.9	20.8	24.6	16.0
Hong Kong	1992	...	27.1	7.1	12.1	77.1	76.1	70.3	14.5	12.7	13.3	8.5	11.2	16.4
India	1991	15.0	4.6	1.4	1.7	76.6	77.4	76.2	11.4	8.4	8.6	12.1	14.2	16.2
Indonesia	1992	-2.7	11.0	-0.4	1.1	70.6	71.3	63.6	6.7	3.9	3.7	22.8	24.7	32.7
Iran (Islamic Republic of)	1991	...	...	...	...	46.4	36.8	64.6	30.8	12.9	17.3	22.8	61.3	28.2
Jordan	1993	...	10.4	...	2.6	61.5	64.0	70.4	27.3	5.6	7.2	21.2	29.6	22.4
Kenya	1993	11.2	10.0	...	1.4	76.4	82.7	85.4	11.7	2.5	2.1	12.9	14.8	12.5
Kuwait	1992	...	27.7	...	9.1	71.2	28.6	62.2	10.9	9.6	12.5	17.9	63.8	25.3
Macau	1993	...	8.9	...	5.0	70.5	80.6	84.1	18.4	11.1	9.0	11.0	8.3	6.9
Malaysia	1992	...	12.7	0.0	3.8	68.9	78.4	77.6	11.3	6.7	6.7	19.8	14.9	15.7
Mauritius	1992	...	7.0	3.9	3.2	77.7	74.2	74.9	10.6	11.3	11.4	11.8	14.5	13.6
Mexico	1991	...	17.0	...	4.9	63.5	45.9	49.2	13.2	13.8	14.7	33.2	47.5	36.0
Morocco	1993	0.3	10.8	0.5	5.8	69.0	74.3	65.6	15.6	11.5	17.5	15.6	14.1	17.0
Nepal	1991	...	4.9	...	0.8	...	67.2	65.5	...	4.2	4.4	...	29.0	30.1
Netherlands Antilles	1993	...	...	...	11.4	...	...	...	...	...	...	...	...	...
Philippines	1991	...	11.0	5.0	2.6	73.2	61.2	62.0	10.8	9.2	9.1	16.0	29.5	29.0
Puerto Rico	1991	...	61.3	...	...	...	61.4	63.6	...	...	...	...	...	...
Republic of Korea	1993	11.9	45.9	9.0	12.0	62.6	66.7	66.8	10.6	11.2	10.6	27.0	30.0	32.7
Senegal	1993	...	10.1	...	6.8	...	83.9	...	...	10.8	...	...	5.3	...
Singapore	1993	7.7	41.7	4.4	14.7	67.7	72.8	70.8	11.6	10.1	10.3	20.7	17.2	18.9
Slovenia	1992	...	12.2	...	7.1	...	62.7	62.6	...	26.2	...	...	11.0	15.6
Sri Lanka	1992	...	...	...	...	...	63.1	55.5	7.1	6.4	6.6	...	30.5	38.8
Taiwan Province	1993	...	29.8	8.4	13.6	70.6	70.3	72.7	14.2	13.3	12.4	15.2	15.4	14.9
The f. Yugosl Rep of Macedonia	1993	...	...	...	...	...	55.1	61.2	...	21.6	13.9	...	23.4	24.8
Trinidad and Tobago	1992	...	9.0	...	6.2	61.8	72.7	78.5	24.9	14.9	14.9	13.3	12.4	6.6
Tunisia	1992	...	...	...	...	...	74.4	74.9	...	12.1	10.5	...	13.5	14.5
Turkey	1991	7.3	41.7	...	10.1	63.8	58.3	66.9	8.3	9.8	10.4	28.0	31.9	32.7
Uruguay	1993	-5.3	22.2	...	2.2	43.9	55.1	44.9	14.0	11.0	5.8	42.1	33.5	49.0
Venezuela	1993	...	14.9	...	5.2	58.5	58.6	66.0	15.8	12.1	11.8	25.6	29.4	22.2
Yugoslavia	1992	...	...	...	...	...	61.6	47.5	...	...	...	...	...	...
Zimbabwe	1992	...	9.7	...	2.9	52.6	41.8	47.9	23.5	20.3	15.5	23.9	37.9	36.6

a/ At current prices.

TABLE 1.12

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Transport equipment (384)														
Country or area	Latest year	Value added per employee		Wages per employee		Percentage in output a/								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
		(LY)	1985-LY	LY	1985-LY	LY	1985	1990	LY	1985	1990	LY	1985	1990	LY
Industrialized countries b/														
Australia	1991	4.3	59.8	0.4	23.9	61.6	66.2	66.7	23.4	17.5	17.3	15.0	26.7	26.0
Austria	1993	5.2	59.0	2.1	31.6	61.6	65.2	68.7	20.5	17.1	16.7	17.9	17.7	14.5
Belgium	1992	1.6	43.0	1.2	26.3	...	...	...	...	...	...	...	...	...
Canada	1993	2.1	80.5	0.2	33.2	76.0	75.1	77.3	10.4	11.4	9.3	13.6	13.4	13.3
Denmark	1991	1.1	47.5	0.8	31.3	56.5	55.7	57.6	30.2	29.9	27.9	13.3	13.4	14.5
Finland	1993	0.8	39.6	1.0	20.4	53.8	63.6	60.9	25.3	22.1	20.2	20.9	14.3	19.0
France	1993	4.2	52.1	...	...	68.3	68.8	69.4	29.1	20.6	...	2.7	10.6	...
Germany, western part	1992	2.0	83.9	2.9	42.0	55.2	58.7	55.0	21.2	20.6	21.0	23.6	20.7	21.0
Greece	1992	7.1	24.2	0.6	17.7	47.9	48.4	49.7	34.7	37.8	36.7	17.6	13.8	13.8
Iceland	1992	...	45.9	...	40.6	...	42.8	43.0	...	48.6	50.6	...	8.0	5.5
Ireland	1991	-1.7	32.4	2.4	26.1	56.8	50.3	54.2	30.6	31.1	35.6	12.7	18.6	10.3
Israel	1992	...	40.1	...	37.3	46.2	47.1	49.0	49.7	45.1	47.5	4.0	9.8	3.5
Italy	1991	4.3	42.8	...	...	65.7	68.3	68.4	15.6	25.7	27.7	18.4	6.0	3.9
Japan	1993	1.5	129.5	1.4	46.9	69.9	70.3	70.8	10.8	9.7	10.3	19.3	20.0	18.6
Luxembourg	1992	-1.5	34.5	1.5	22.2	61.6	60.6	68.2	22.2	20.0	20.4	15.2	19.4	11.4
Netherlands	1993	2.4	42.2	...	30.9	72.8	74.9	73.8	25.4	16.5	19.2	0.9	8.6	7.0
New Zealand	1991	...	...	...	28.7	71.5	74.4	...	19.0	17.8	...	9.4	7.8	...
Norway	1992	4.1	47.3	4.2	39.9	66.8	69.2	69.5	25.7	21.6	25.7	6.5	9.3	4.8
Portugal	1991	...	22.2	...	11.7	66.5	63.8	63.5	19.1	8.4	8.7	14.4	7.8	7.9
South Africa	1992	3.1	23.1	0.6	11.9	...	74.8	69.3	...	15.5	15.8	...	9.7	14.9
Spain	1992	6.3	63.2	3.1	26.8	71.5	70.8	69.6	17.5	13.3	12.9	11.0	15.9	17.6
Sweden	1993	1.3	46.1	2.4	24.8	63.1	57.9	65.5	15.6	17.5	18.5	21.2	24.6	15.9
United Kingdom	1992	5.6	56.5	2.7	29.3	59.0	58.7	53.3	22.0	19.7	19.0	12.0	21.6	17.7
United States of America	1993	2.5	101.3	-0.8	39.0	59.7	60.0	59.9	18.4	17.4	15.4	21.9	22.6	24.6
Countries of eastern Europe and the former USSR														
Albania	1993	...	...	...	0.3	...	...	...	...	...	61.6	...	...	...
Bulgaria	1993	...	2.7	...	1.5	...	...	57.8	11.4	12.4	25.4	...	...	16.8
Czech Republic	1993	...	...	...	2.8	...	...	...	...	...	...	...	...	...
Hungary	1993	1.9	10.4	1.8	3.9	70.7	...	80.5	8.3	13.9	7.2	21.0	...	12.2
Kyrgyzstan	1993	...	...	...	...	...	...	...	...	2.1	2.7	...	...	...
Latvia	1992	...	...	...	2.0	...	...	...	...	21.7	11.7	...	...	...
Lithuania	1993	...	...	...	0.8	...	...	...	...	...	17.8	...	...	...
Poland	1993	...	6.9	...	2.7	...	45.4	64.6	...	10.6	13.7	...	43.0	21.7
Republic of Moldova	1991	...	...	...	...	...	...	...	...	11.6	11.0	...	...	...
Romania	1992	...	1.6	...	0.8	...	71.9	73.9	...	26.0	13.8	...	2.1	12.3
Russian Federation	1993	...	7.3	...	1.7	...	...	50.1	...	...	11.6	...	...	36.4
Slovakia	1993	...	...	...	2.0	...	...	...	...	...	14.1	...	...	...
Ukraine	1993	...	...	...	1.3	...	...	...	...	...	14.4	...	...	...
Developing countries														
Bahrain	1992	...	...	...	12.4	...	...	...	...	...	25.7	...	...	...

a/ At current prices.

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

TABLE 1.12
(continued)

SELECTED CHARACTERISTICS OF BRANCHES, SELECTED YEARS AND COUNTRIES

Transport equipment (384)														
Country or area	Latest year (LY)	Value added per employee		Wages per employee		Percentage in output ^{a/}								
		Real annual growth rate (percentage)	Value (current 1000 dollars)	Real annual growth rate (percentage)	Value (current 1000 dollars)	Costs of input materials and utilities			Costs of labour			Operating surplus		
						1985	1990	LY	1985	1990	LY	1985	1990	LY
Barbados	1993	...	5.5	...	4.8	59.6	60.8	72.7	28.8	32.4	24.0	11.6	8.8	3.3
Belize	1992	...	13.1	...	4.8	...	87.7	62.0	...	5.4	17.4	...	6.8	30.6
Bolivia	1992	...	4.2	...	2.3	48.1	41.0	56.6	21.8	24.7	24.4	30.0	34.3	20.1
Chile	1992	...	20.6	2.1	6.0	62.6	64.6	69.0	8.6	8.3	9.0	28.8	27.2	21.9
China	1993	...	3.6	...	...	64.9	73.8	73.1	4.3	...	...	30.8	...	...
Colombia	1992	2.9	17.1	-1.6	2.6	68.9	71.6	65.8	7.6	4.4	5.1	23.6	24.1	29.1
Costa Rica	1992	...	13.4	3.4	4.0	51.0	60.2	48.7	17.9	18.8	15.3	31.1	31.0	36.1
Croatia	1992	...	14.3	...	2.3	...	64.6	43.4	...	21.3	9.2	...	14.2	47.4
Cyprus	1993	0.8	22.5	2.4	11.2	54.6	54.3	64.1	25.0	23.0	22.8	20.4	22.7	23.1
Ecuador	1993	2.3	17.0	2.3	4.8	78.5	84.9	81.6	6.9	4.6	5.2	14.6	10.6	13.2
El Salvador	1993	...	11.2	...	2.3	...	...	52.7	...	...	9.6	...	...	37.7
Fiji	1991	...	5.5	...	4.0	54.9	71.9	69.9	28.9	17.3	22.0	16.2	10.8	8.1
Honduras	1992	...	...	...	...	52.0	61.1	62.6	27.4	21.3	33.4	20.6	17.7	4.1
Hong Kong	1992	1.7	28.8	5.2	17.6	48.6	38.1	38.3	36.2	39.6	37.6	18.3	22.4	24.1
India	1991	0.0	2.8	1.1	1.6	78.1	75.6	75.0	15.3	12.5	14.4	8.6	11.9	10.6
Indonesia	1992	...	16.6	-1.7	1.3	66.6	60.4	49.3	9.5	3.6	4.0	23.9	36.0	46.7
Iran (Islamic Republic of)	1991	...	...	...	...	61.0	38.8	47.3	25.9	18.8	8.6	13.1	42.6	44.2
Iraq	1992	...	...	...	...	59.8	...	13.3	9.8	...	30.6	30.4	...	56.3
Jordan	1993	...	13.0	...	2.6	30.4	70.2	73.1	27.0	11.4	6.2	42.6	18.4	21.7
Kenya	1993	-4.0	1.3	...	1.0	82.9	88.9	91.6	9.9	9.2	6.3	7.2	1.9	2.2
Kuwait	1992	...	19.6	...	13.8	...	...	23.8	...	...	53.4	...	...	22.8
Macao	1993	...	12.4	...	11.4	53.9	52.4	42.1	40.2	46.2	53.0	6.9	1.4	4.9
Malaysia	1992	...	19.0	0.3	5.0	63.6	71.0	74.2	14.0	5.5	6.8	22.6	23.6	19.0
Mauritius	1992	...	8.4	3.9	3.6	42.6	62.1	47.6	17.6	13.1	21.6	39.9	34.8	30.8
Mexico	1991	...	36.6	...	6.6	66.2	70.2	71.1	6.8	6.6	6.3	27.0	24.2	23.6
Morocco	1993	-1.9	12.8	-0.7	5.4	77.6	72.8	66.3	9.9	10.9	13.5	12.4	16.3	18.2
Netherlands Antilles	1993	...	...	...	17.6	...	...	...	...	...	...	...	...	...
Philippines	1991	...	9.8	6.4	2.2	74.7	74.3	74.9	11.6	4.9	6.7	13.8	20.8	19.6
Puerto Rico	1991	...	60.8	...	...	...	60.6	59.3	...	...	...	...	...	...
Republic of Korea	1993	2.0	54.4	9.9	17.7	64.6	63.4	62.6	10.7	11.8	12.2	24.7	24.8	26.3
Senegal	1993	...	20.8	...	10.7	...	41.4	...	...	24.6	...	...	34.1	...
Singapore	1993	3.6	40.5	3.1	18.6	42.2	57.4	53.2	24.8	16.6	21.4	33.0	26.9	26.3
Slovenia	1992	...	8.3	...	6.1	...	76.4	84.7	...	18.2	11.2	...	6.4	4.1
Sri Lanka	1992	...	...	...	...	...	53.1	54.4	10.1	13.2	4.9	...	33.8	40.8
Suriname	1993	...	...	...	...	...	...	...	...	16.4	8.4	...	...	...
Taiwan Province	1993	...	39.6	7.9	17.2	66.6	67.4	66.9	14.7	12.9	14.8	19.6	19.7	19.3
The f Yugosl Rep of Macedonia	1993	...	...	...	...	...	47.9	37.8	...	17.2	23.3	...	34.9	38.9
Tonga	1992	...	...	...	3.1	...	...	...	17.2	22.2	31.7	...	...	...
Trinidad and Tobago	1992	...	21.3	...	6.2	44.9	67.6	66.6	18.2	14.3	10.0	36.8	18.1	24.4
Tunisia	1992	...	...	...	...	...	72.4	70.3	...	13.0	14.0	...	14.6	16.7
Turkey	1991	4.6	33.2	...	10.6	67.1	63.6	60.7	10.3	11.1	12.4	22.6	26.6	26.9
Uruguay	1993	1.6	29.3	...	2.8	64.4	62.6	51.8	10.4	8.4	4.6	36.2	39.0	43.6
Venezuela	1993	...	36.3	...	5.6	73.3	74.4	62.6	11.0	9.6	6.8	16.7	16.1	31.7
Yugoslavia	1992	...	...	...	...	...	69.9	48.0	...	...	...	...	...	...
Zimbabwe	1992	...	10.2	...	3.6	46.6	64.1	75.4	26.6	14.3	8.6	27.0	21.6	16.1

^{a/} At current prices

Part II

COUNTRY TABLES

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ALBANIA

Supplier of information:

Directorate of Statistics, Ministry of Economy, Tirana.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Data for 1990 cover only the state sector.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

For 1990, figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Related national publications:

Albania

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand LEKS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		182	34191a/	...	...	14392		210089a/	...	...	645449	
3111 Slaughtering, preparing & preserving meat		13	...	...	...	291		...	...	...	14832	
3112 Dairy products		15	...	...	...	1052		...	...	...	46089	
3113 Canning, preserving of fruits & vegetables		-	-		-	
3114 Canning, preserving and processing of fish		1	...	...	...	10		...	...	...	248	
3115 Vegetable and animal oils and fats		13	...	...	...	1100		...	...	...	36372	
3116 Grain mill products		46	...	...	...	6085		...	...	...	293309	
3117 Bakery products		31	...	...	...	2559		...	...	...	134472	
3118 Sugar factories and refineries		-	-		-	
3119 Cocoa, chocolate and sugar confectionery		7	...	...	...	553		...	...	...	19387	
3121 Other food products		56	...	...	...	2742		...	...	...	100740	
3122 Prepared animal feeds		-	-		-	
313 Beverages		17	...a/	...	...	708		...a/	...	...	25456	
3131 Distilling, rectifying and blending spirits		11	...	...	...	454		...	...	...	18057	
3132 Wine industries		2	...	...	...	66		...	...	...	1556	
3133 Malt liquors and malt		3	...	...	...	168		...	...	...	4970	
3134 Soft drinks and carbonated waters		1	...	...	...	20		...	...	...	854	
314 Tobacco		3	...a/	...	...	2253		...a/	...	...	71968	
321 Textiles		16	73034b/	...	...	7946		418045b/	...	...	296832	
3211 Spinning, weaving and finishing textiles		7	...	...	...	6233		...	...	...	218878	
3212 Made-up textile goods excl. wearing apparel		-	-		-	
3213 Knitting mills		8	...	...	...	1691		...	...	...	76062	
3214 Carpets and rugs		-	-		-	
3215 Cordage, rope and twine		-	-		-	
3219 Other textiles		1	...	...	...	22		...	...	...	1702	
322 Wearing apparel, except footwear		30	...b/	...	...	6376		...b/	...	...	230368	
323 Leather and fur products		9	...b/	...	...	648		...b/	...	...	29266	
3231 Tanneries and leather finishing		6	...	...	...	317		...	...	...	12512	
3232 Fur dressing and dyeing industries		1	...	...	...	118		...	...	...	8692	
3233 Leather prods. excl. wearing apparel		3	...	...	...	213		...	...	...	8254	
324 Footwear, except rubber or plastic		4	...b/	...	...	2248		...t/	...	...	106954	
331 Wood products, except furniture		31	23666c/d/	...	...	1624		149096c/d/	...	...	57962	
3311 Sawmills, planing and other wood mills		22	...	...	...	1410		...	...	...	49879	
3312 Wooden and cane containers		3	...	...	...	156		...	...	...	5036	
3319 Other wood and cork products		6	...	...	...	58		...	...	...	3047	
332 Furniture and fixtures, excl. metal		13	...c/	...	...	1398		...c/	...	...	71934	
341 Paper and products		6	2486	...	...	453		15437	...	...	17860	
3411 Pulp, paper and paperboard articles		4	...	...	...	279		...	...	...	11594	
3412 Containers of paper and paperboard		1	...	...	...	144		...	...	...	4910	
3419 Other pulp, paper and paperboard articles		1	...	...	...	40		...	...	...	1345	
342 Printing and publishing		20	3169	...	...	1067		17379	...	...	41590	
351 Industrial chemicals		8	8808e/	...	...	2102		60352e/	...	...	77915	
3511 Basic chemicals excl. fertilizers		5	...	...	...	530		...	...	...	17504	
3512 Fertilizers and pesticides		3	...	...	...	1872		...	...	...	60411	
3513 Synthetic resins and plastic materials		-	-		-	
352 Other chemicals		4	...e/	...	...	575		...e/	...	...	35383	
3521 Paints, varnishes and lacquers		1	...	...	...	77		...	...	...	3115	
3522 Drugs and medicines		-	-		-	
3523 Soap, cleaning preps., perfumes, cosmetics		-	-		-	
3529 Other chemical products		3	...	...	...	598		...	...	...	32258	
353 Petroleum refineries		5	...e/	...	...	2586		...e/	...	...	106972	

354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...
355 Rubber products	...	...	...	...	...	...	...	...	...	...
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...	...	4	...	...	1406	...	...	...	53232
361 Pottery, china, earthenware	...	...	-	4363f/	...	-	...	29980f/	...	-
362 Glass and products	...	...	3	...	...	248	...	...	...	8507
369 Other non-metallic mineral products	...	...	40	24871	...	6638	...	172605	...	321948
3691 Structural clay products	...	...	18	...	...	2702	...	...	...	136669
3692 Cement, lime and plaster	...	...	6	...	...	2209	...	...	...	104666
3699 Other non-metallic mineral products	...	...	16	...	...	1727	...	...	...	80623
371 Iron and steel	...	...	1	9393g/	...	1985	...	72815g/	...	82091
372 Non-ferrous metals	...	...	-	...	...	-	...	...	...	-
381 Fabricated metal products	...	...	23	59164h/	...	1685	...	416331h/	...	59030
3811 Cutlery, hand tools and general hardware	...	...	5	...	...	378	...	...	...	11646
3812 Furniture and fixtures primarily of metal	...	...	-	...	...	-	...	...	...	-
3813 Structural metal products	...	...	-	...	...	-	...	...	...	-
3819 Other fabricated metal products	...	...	18	...	...	1307	...	...	...	47384
382 Non-electrical machinery	...	...	13	...	...	1517	...	...	...	51046
3821 Engines and turbines	...	...	1	...	...	35	...	...	...	760
3822 Agricultural machinery and equipment	...	...	7	...	...	1040	...	...	...	36652
3823 Metal and wood working machinery	...	...	-	...	...	-	...	...	...	-
3824 Other special industrial machinery	...	...	3	...	...	336	...	...	...	10008
3825 Office, computing and accounting machinery	...	...	-	...	...	-	...	...	...	-
3829 Other non-electrical machinery & equipment	...	...	2	...	...	106	...	...	...	3736
383 Electrical machinery	...	...	7	...	...	894	...	...	...	30636
3831 Electrical industrial machinery	...	...	3	...	...	434	...	...	...	14058
3832 Radio, television and communication equipm.	...	...	1	...	...	180	...	...	...	12767
3833 Electrical appliances and housewares	...	...	1	...	...	74	...	...	...	764
3839 Other electrical apparatus and supplies	...	...	2	...	...	206	...	...	...	3047
384 Transport equipment	...	...	2	...	...	101	...	...	...	3076
3841 Shipbuilding and repairing	...	...	-	...	...	-	...	...	...	-
3842 Railroad equipment	...	...	-	...	...	-	...	...	...	-
3843 Motor vehicles	...	...	1	...	...	69	...	...	...	1977
3844 Motorcycles and bicycles	...	...	-	...	...	-	...	...	...	-
3845 Aircraft	...	...	-	...	...	-	...	...	...	-
3849 Other transport equipment	...	...	1	...	...	32	...	...	...	1099
385 Professional and scientific equipment	...	...	1	...	...	72	...	...	...	2443
3851 Prof. and scientific equipment n.e.c.	...	...	1	...	...	72	...	...	...	2443
3852 Photographic and optical goods	...	...	-	...	...	-	...	...	...	-
3853 Watches and clocks	...	...	-	...	...	-	...	...	...	-
390 Other manufacturing industries	...	...	-	8906i/	...	-	...	40611i/	...	-
3901 Jewellery and related articles	...	...	-	...	...	-	...	...	...	-
3902 Musical instruments	...	...	-	...	...	-	...	...	...	-
3903 Sporting and athletic goods	...	...	-	...	...	-	...	...	...	-
3909 Manufacturing industries, n.e.c.	...	...	-	...	...	-	...	...	...	-
3 Total manufacturing	...	...	442	252071	...	59031	...	1602820	...	2427709

a/ 311/2 includes 313 and 314

c/ 331 includes 332

e/ 351 includes 352, 353, 354, 355 and 356

g/ 371 includes 372

i/ 390 includes repairs and maintenance and all other industries not included elsewhere

b/ 321 includes 322, 323 and 324.

d/ Including timber industry.

f/ 381 includes 382.

h/ 381 includes 382, 383, 384 and 385.

Albania

ISIC Industry	Note	Output in factor values				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million LEKS)					(million LEKS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
31:/2 Food Products		9565	1060a/	...	...	...	...	...	...	19.8	...
3111 Slaughtering, preparing & preserving meat		38	...	...	...	...	...	...	...	...	...
3112 Dairy products		98	...	...	...	...	...	...	...	...	...
3113 Canning, preserving of fruits & vegetables		-
3114 Canning, preserving and processing of fish		b/	...	...	...	...	...	...	...	...	...
3115 Vegetable and animal oils and fats		685	...	...	...	...	...	...	...	...	...
3116 Grain mill products		6224	...	...	...	...	...	...	...	...	...
3117 Bakery products		2085	...	...	...	...	...	...	...	...	...
3118 Sugar factories and refineries		-
3119 Cocoa, chocolate and sugar confectionery		58	...	...	...	...	...	...	...	...	...
3121 Other food products		378b/	...	...	...	...	...	...	...	...	...
3122 Prepared animal feeds		-
313 Beverages		197	a/	...	...	...	...	...	...	...	...
3131 Distilling, rectifying and blending spirits		167	...	...	...	...	...	...	...	...	...
3132 Wine industries		14	...	...	...	...	...	...	...	...	...
3133 Malt liquors and malt		14	...	...	...	...	...	...	...	...	...
3134 Soft drinks and carbonated waters		2	...	...	...	...	...	...	...	...	...
314 Tobacco		840	a/	...	...	...	...	...	...	...	...
321 Textiles		1047	1469c/	...	...	...	...	...	...	...	28.5
3211 Spinning, weaving and finishing textiles		762	...	...	...	...	...	...	...	...	...
3212 Made-up textile goods excl. wearing apparel		-
3213 Knitting mills		238	...	...	...	...	...	...	...	...	...
3214 Carpets and rugs		-
3215 Cordage, rope and twine		-
3219 Other textiles		47	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		451	c/	...	...	...	...	...	...	...	...
323 Leather and fur products		83	c/	...	...	...	...	...	...	...	...
3231 Tanneries and leather finishing		73a/	...	...	...	...	...	...	...	...	...
3232 Fur dressing and dyeing industries		10	...	...	...	...	...	...	...	...	...
3233 Leather products excl. wearing apparel		d/	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		431	c/	...	...	...	...	...	...	...	...
331 Wood products, except furniture		471	290e//	...	...	...	...	...	...	...	...
3311 Sawmills, planing and other wood mills		450	...	...	...	...	...	...	...	...	...
3312 Wooden and cane containers		17	...	...	...	...	...	...	...	...	...
3319 Other wood and cork products		4	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		285	e/	...	...	...	...	...	...	...	...
341 Paper and products		46	e/	...	...	...	...	...	...	...	...
3411 Pulp, paper and paperboard articles		22	...	...	...	...	...	...	...	...	...
3412 Containers of paper and paperboard		21	...	...	...	...	...	...	...	...	...
3419 Other pulp, paper and paperboard articles		2	...	...	...	...	...	...	...	...	...
342 Printing and publishing		297	48	...	...	...	...	...	...	...	36.2
351 Industrial chemicals		381	341g/	...	...	...	...	...	...	...	17.7
3511 Basic chemicals excl. fertilizers		68	...	...	...	...	...	...	...	...	...
3512 Fertilizers and pesticides		313	...	...	...	...	...	...	...	...	...
3513 Synthetic resins and plastic materials		-
352 Other chemicals		200	g/	...	...	...	...	...	...	...	...
3521 Paints, varnishes and lacquers		47	...	...	...	...	...	...	...	...	...
3522 Drugs and medicines		-
3523 Soap, cleaning preparations, perfumes, cosmetics		153	...	...	...	...	...	...	...	...	...
3529 Other chemical products		-
353 Petroleum refineries		4856	g/	...	...	...	...	...	...	...	...

354	Misc. petroleum and coal products	...	...	...	-	...	g/	...	...	...	...	...	...
355	Rubber products	...	...	...	-	...	g/	...	...	...	...	...	...
3551	Tyres and tubes	...	...	...	-	...	...	...	...	...	...	...	...
3559	Other rubber products	...	...	...	-	...	...	...	...	...	...	...	...
356	Plastic products	...	...	...	282	...	g/	...	...	...	...	...	...
361	Pottery, china, earthenware	...	...	...	-	...	164h/	...	...	...	...	...	...
362	Glass and products	...	...	...	23	...	h/	...	...	...	...	...	...
369	Other non-metallic mineral products	...	...	...	1771	...	h/	...	...	...	...	...	...
3691	Structural clay products	...	...	...	634	...	...	...	...	...	...	...	...
3692	Cement, lime and plaster	...	...	...	892	...	...	...	...	...	...	...	...
3699	Other non-metallic mineral products	...	...	...	245	...	...	...	...	...	...	...	...
371	Iron and steel	...	...	...	559	...	...	...	...	...	...	...	...
372	Non-ferrous metals	...	...	...	-	...	...	...	...	...	...	...	...
381	Fabricated metal products	...	...	...	280	...	889i/	...	...	...	...	46.7	...
3811	Cutlery, hand tools and general hardware	...	...	...	85	...	...	...	...	...	...	...	...
3812	Furniture and fixtures primarily of metal	...	...	...	-	...	...	...	...	...	...	...	...
3813	Structural metal products	...	...	...	-	...	...	...	...	...	...	...	...
3819	Other fabricated metal products	...	...	...	195	...	...	...	...	...	...	...	...
382	Non-electrical machinery	...	...	...	170	...	i/	...	...	...	...	...	...
3821	Engines and turbines	...	...	...	2	...	...	...	...	...	...	...	...
3822	Agricultural machinery and equipment	...	...	...	113	...	...	...	...	...	...	...	...
3823	Metal and wood working machinery	...	...	...	-	...	...	...	...	...	...	...	...
3824	Other special industrial machinery	...	...	...	28	...	...	...	...	...	...	...	...
3825	Office, computing and accounting machinery	...	...	...	-	...	...	...	...	...	...	...	...
3829	Other non-electrical machinery & equipment	...	...	...	27	...	...	...	...	...	...	...	...
383	Electrical machinery	...	...	...	270	...	i/	...	...	...	...	...	...
3831	Electrical industrial machinery	...	...	...	98	...	...	...	...	...	...	...	...
3832	Radio, television and communication equipm.	...	...	...	161	...	...	...	...	...	...	...	...
3833	Electrical appliances and housewares	...	...	...	1	...	...	...	...	...	...	...	...
3839	Other electrical apparatus and supplies	...	...	...	10	...	...	...	...	...	...	...	...
384	Transport equipment	...	...	...	5	...	i/	...	...	...	...	...	...
3841	Shipbuilding and repairing	...	...	...	-	...	...	...	...	...	...	...	...
3842	Railroad equipment	...	...	...	-	...	...	...	...	...	...	...	...
3843	Motor vehicles	...	...	...	2	...	...	...	...	...	...	...	...
3844	Motorcycles and bicycles	...	...	...	-	...	...	...	...	...	...	...	...
3845	Aircraft	...	...	...	-	...	...	...	...	...	...	...	...
3849	Other transport equipment	...	...	...	3	...	...	...	...	...	...	...	...
385	Professional and scientific equipment	...	...	...	20	...	i/	...	...	...	...	...	...
3851	Prof. and scientific equipment n.e.c.	...	...	...	20	...	...	...	...	...	...	...	...
3852	Photographic and optical goods	...	...	...	-	...	...	...	...	...	...	...	...
3853	Watches and clocks	...	...	...	-	...	...	...	...	...	...	...	...
390	Other manufacturing industries	...	...	...	-	...	177j/	...	...	...	...	22.9	...
3901	Jewellery and related articles	...	...	...	-	...	...	...	...	...	...	...	...
3902	Musical instruments	...	...	...	-	...	...	...	...	...	...	...	...
3903	Sporting and athletic goods	...	...	...	-	...	...	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	...	...	...	-	...	...	...	...	...	...	...	...
3	Total manufacturing	...	...	...	22529	...	4428	...	...	...	...	35.2	...

a/ 311/2 includes 313 and 314.

c/ 321 includes 322, 323 and 324.

e/ 331 includes 332 and 341.

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

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

b/ 3121 includes 3114.

d/ 3231 includes 3233.

f/ Including timber industry.

h/ 381 includes 382 and 389.

j/ 390 includes repairs and maintenance and all other industries not included elsewhere.

Albania

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(million LEKS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 wood products, except furniture		
332 Furniture and fixtures, excl metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries		
354 Misc petroleum and coal products		
355 Rubber products		
356 Plastic products		
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		

ALGERIA

Supplier of information:
Office national des statistiques, Alger.

Basic source of data:
Annual industrial survey.

Major deviations from current version of ISIC:
Data are collected under the national classification system (NAP 80).

Reference period (if not calendar year):

Scope:
All establishments with 10 or more employees and 60 per cent of those with less than 10 employees.

Method of enumeration:
Not reported.

Adjusted for non-response:
Not reported.

Concepts and definitions of variables:
No deviations from the standard UN concepts and definitions are reported.

Related national publications:
Annuaire de l'industrie algérienne published by l'Office national des statistiques, Alger.

Algeria

ISIC Industry	Number of enterprises (numbers)			Number of employees (numbers)			Wages and salaries paid to employees (million DINARS)					
	1989	1990	1991	1992	1989	1990	1991	1992	1989	1990	1991	1992
311/2 Food Products												
313 Beverages	5291	7483	7618	7181	83171	91811	101926	90285	4902	4391	6038	7676
314 Tobacco												
321 Textiles	5134	3788	3687	2843	76104	62339	60606	54944	3424	2623	3290	3666
322 Wearing apparel, except footwear												
323 Leather and fur products	788	1060	1045	1033	17326	18160	17066	16666	782	721	760	971
324 Footwear, except rubber or plastic												
331 Wood products, except furniture												
332 Furniture and fixtures, excl. metal	2456	3444	3419	3041	39754	33736	39168	38415	2317	2023	2196	2858
341 Paper and products												
342 Printing and publishing												
351 Industrial chemicals	313	469	669	426	30433	31924	32201	31641	2140	2108	2694	3373
352 Other chemicals												
353 Petroleum refineries												
354 Misc. petroleum and coal products												
355 Rubber products												
356 Plastic products												
361 Pottery, china, earthenware	1848	2362	2307	2167	46067	48573	50136	52360	2668	2368	3042	4370
362 Glass and products												
369 Other non-metallic mineral products												
371 Iron and steel												
372 Non-ferrous metals	1683	2131	2093	2240	139683	141724	142263	134723	8939	7176	9347	11941
381 Fabricated metal products												
382 Non-electrical machinery												
383 Electrical machinery												
384 Transport equipment												
386 Professional and scientific equipment												
390 Other manufacturing industries	1110	1248	1427	1313	7297	6919	7069	7694	677	361	369	389
3 Total manufacturing	19823	21986	22256	20213	439636	434886	460406	426608	26639	21741	27633	36146

b/ 321 includes 322.
c/ 331 includes 332, 341 and 342
f/ 361 includes 362 and 366

a/ 311/2 includes 313 and 314
c/ 323 includes 324
e/ 361 includes 362, 363, 364, 365 and 366
g/ 371 includes 372, 381, 382, 383, 384 and 385

Algeria

ISIC Industry	Note	Output in producers' prices (million DINARS)				Note	Value added in producers' prices (million DINARS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products	a/	37143	29306	40226	59032		7820	6366	9514	17582	20.9	29.8	64.3	43.1
313 Beverages	a/													
314 Tobacco	a/													
321 Textiles	b/	12668	13294	17036	18183		6422	6698	8429	7047	50.7	43.5	53.3	52.1
322 Wearing apparel, except footwear	b/													
323 Leather and fur products	c/	3029	3993	4962	4964		1314	1743	2004	2007	43.4	40.4	59.9	48.4
324 Footwear, except rubber or plastic	c/													
331 Wood products, except furniture	d/	7023	9284	11832	12467		3304	3966	4893	5146	47.0	41.3	70.7	55.6
332 Furniture and fixtures, excl metal	d/													
341 Paper and products	d/													
342 Printing and publishing	d/													
351 Industrial chemicals	e/	8866	11984	18967	20403		2984	5090	8850	9198	33.7	44.9	71.7	36.8
352 Other chemicals	e/													
353 Petroleum refineries	e/													
354 Misc petroleum and coal products	e/													
355 Rubber products	e/													
356 Plastic products	e/													
361 Pottery, china, earthenware	f/	6566	8883	13426	20098		4168	6100	9021	13998	63.6	69.2	61.4	31.4
362 Glass and products	f/													
369 Other non-metallic mineral products	f/													
371 Iron and steel	g/	26076	36130	58708	78359		12478	19116	31011	39180	47.9	52.0	71.6	30.6
372 Non-ferrous metals	g/													
381 Fabricated metal products	g/													
382 Non-electrical machinery	g/													
383 Electrical machinery	g/													
384 Transport equipment	g/													
385 Professional and scientific equipment	g/													
390 Other manufacturing industries		2843	1577	2210	2017		1166	704	962	908	43.7	44.9	49.9	43.0
3 Total manufacturing		104003	114420	187067	210623		39446	49773	70784	94933	37.9	45.1	66.0	37.0

b/ 321 includes 322
 c/ 323 includes 324
 d/ 331 includes 332, 341 and 342
 e/ 351 includes 352, 353, 354, 355 and 356
 f/ 361 includes 362, 363, 364 and 365

b/ 321 includes 322
 c/ 323 includes 324
 d/ 331 includes 332, 341 and 342
 e/ 351 includes 352, 353, 354, 355 and 356
 f/ 361 includes 362, 363, 364 and 365

Algeria

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(million DINARS)				Note	(1980=100)									
		1989	1990	1991	1992		1986	1988	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		a/	145	160	165	168	171	173	171	162	170	
313 Beverages		a/	...	...	...	...	...	...	...	...	...
314 Tobacco		a/	...	...	...	...	...	...	...	...	...
321 Textiles			166	162	164	138	140	147	143	149	140	
322 Wearing apparel, except footwear			154	142	134	136	163	170	169	144	133	
323 Leather and fur products			148	135	121	121	122	130	104	74	68	
324 Footwear, except rubber or plastic			216	221	212	188	184	198	161	116	96	
331 Wood products, except furniture			166	178	175	175	243	268	178	145	179	
332 Furniture and fixtures, excl. metal			202	201	197	143	170	176	160	123	113	
341 Paper and products			146	167	138	140	128	120	118	106	118	
342 Printing and publishing		
351 Industrial chemicals		b/	110	125	128	133	146	141	137	112	118	
352 Other chemicals		b/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries			186	206	200	207	206	213	213	216	210	
354 Misc. petroleum and coal products		
355 Rubber products		b/	...	...	...	...	...	...	...	...	...
356 Plastic products		b/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		c/	141	147	165	168	163	161	160	167	148	
362 Glass and products		c/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		c/	...	...	...	...	...	...	...	...	...
371 Iron and steel			192	193	224	207	166	133	129	113	124	
372 Non-ferrous metals		
381 Fabricated metal products			136	140	122	131	126	126	121	117	111	
382 Non-electrical machinery			181	206	131	168	176	224	194	171	162	
383 Electrical machinery			299	344	304	372	309	326	301	262	190	
384 Transport equipment			127	143	118	77	68	92	82	79	66	
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing			160	170	165	166	169	174	164	164	162	

a/ 311/2 includes 313 and 314.
c/ 361 includes 362 and 369

b/ 351 includes 352, 355 and 356.

ARMENIA

Supplier of information:

State Committee on Statistics of the Republic of Armenia, Yerevan.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Related national publications:

Armenia

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand ROUBLES)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		86	86	102	111		22001	20971	26477	22282		68637	78566	460633	4212694
313 Beverages		44	43	42	46		5728	5056	....	....		13871	18778	....	....
314 Tobacco		5	5	5	4		1125	1060	....	....		3611	4622	....	....
321 Textiles		46	46	49	53		44856	39198	33672	28664		126053	144264	417398	3691466
322 Wearing apparel, except footwear		75	91	55	61		37556	36285	26313	25078		106223	137909	280739	2213986
323 Leather and fur products		3	4	6	6		1853	2067	....	....		6482	9681	....	....
324 Footwear, except rubber or plastic		19	26	23	23		18069	16669	....	....		60972	66690	....	....
331 Wood products, except furniture		13	12	12	12		2886	1958	....	....		8630	8477	....	....
332 Furniture and fixtures, excl. metal		22	24	22	22		5827	6246	....	....		17600	21700	....	....
341 Paper and products		1	1	1	1		589	527	....	....		1551	1728	....	....
342 Printing and publishing		52	52	55	54		3148	2953	....	....		8469	12916	....	....
351 Industrial chemicals		7	7	7	7		9036	8425	....	....		23237	49802	....	....
352 Other chemicals		7	7	6	7		3047	2709	....	....		8622	12406	....	....
353 Petroleum refineries		-	-	-	-		-	-		-	-
354 Misc. petroleum and coal products		2	2	2	2		....	....	....	....		....	....	....	....
355 Rubber products		3	5	5	5		3123	2508	....	....		8361	10766	....	....
356 Plastic products		3	5	5	4		2026	1693	....	....		6507	8141	....	....
361 Pottery, china, earthenware		2	2	2	2		1036	992	....	....		3136	4662	....	....
362 Glass and products		5	5	5	5		3331	3190	....	....		10486	17494	....	....
369 Other non-metallic mineral products		85	73	48	49		18923	18359	....	....		74776	102311	....	....
371 Iron and steel		3	3	3	4		2164	2141	....	....		8933	14030	....	....
372 Non-ferrous metals		3	3	3	3		4521	4292	....	....		16834	25711	....	....
381 Fabricated metal products		59	57	56	53		9686	8509	....	....		34044	41885	....	....
382 Non-electrical machinery		60	60	59	73		74662	66717	....	....		251613	298386	....	....
383 Electrical machinery		31	34	35	38		33796	31889	....	....		106498	146669	....	....
384 Transport equipment		6	6	6	5		5543	5077	....	....		17634	24753	....	....
385 Professional and scientific equipment		20	20	26	32		34184	30138	....	....		109896	124084	....	....
390 Other manufacturing industries		13	19	27	26		5526	5291	....	....		12367	15566	....	....
3 Total manufacturing		675	698	667	708		354134	323672	307921	281309		1104860	1404084	4984626	43982000

Armenia

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million ROUBLES)					(million ROUBLES)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		773.9	2073.7	5480.4	59863.0		60.3	85.9	...	...	6.6	...	...
313 Beverages		273.9	1191.0	3069.1	18121.0		19.0	268.0	...	...	6.9	...	73.0
314 Tobacco		95.3	161.1	749.0	6786.6		22.6	31.2	...	...	23.6	...	16.1
321 Textiles		703.5	1146.6	3694.1	21331.9		98.9	210.0	...	...	14.1	...	...
322 Wearing apparel, except footwear		829.1	1390.6	2299.0	8833.3		127.4	290.5	...	...	15.4	...	83.4
323 Leather and fur products		47.3	107.0	417.9	3820.6		47.8a/	118.8a/	...	...	...	...	...
324 Footwear, except rubber or plastic		276.6	417.9	1498.0	17823.9		...	...	...	...	...	...	...
331 Wood products, except furniture		33.1	35.2	111.9	629.2		19.8	25.9	...	...	59.7	...	43.7
332 Furniture and fixtures, excl. metal		99.3	143.7	247.8	2932.8		...	...	...	...	...	...	...
341 Paper and products		16.3	26.7	29.2	686.2		1.6	3.5	...	...	9.9	...	96.3
342 Printing and publishing		19.0	31.0	160.3	736.2		3.9	5.5	...	...	20.7	...	...
351 Industrial chemicals		124.8	310.0	3489.5	7884.0		-57.8	-17.9	...	...	...	...	...
352 Other chemicals		102.7	198.9	1427.5	8561.7		8.8	10.9	...	...	8.6	...	98.1
353 Petroleum refineries		-	-	-	-		-	-	
354 Misc. petroleum and coal products		11.2	11.9	89.3	606.4		-	-	...	...	...	...	...
355 Rubber products		57.7	114.4	648.4	3991.7		-12.1	3.6	...	...	...	...	...
356 Plastic products		13.3	31.8	124.3	627.2		6.3	18.9	...	...	47.6	...	...
361 Pottery, china, earthenware		8.7	18.0	47.7	486.1		2.3b/	7.9b/	...	...	...	...	...
362 Glass and products		43.9	90.9	147.3	2739.7		...	...	...	...	...	...	...
369 Other non-metallic mineral products		282.1	485.8	2569.3	14936.3		...	...	...	...	...	...	...
371 Iron and steel		26.1	42.9	235.9	970.4		1.4	3.7	...	...	5.4	...	...
372 Non-ferrous metals		98.7	189.5	1254.2	2431.4		28.6	59.7	...	...	28.9	...	59.0
381 Fabricated metal products		244.5	215.4	856.0	4456.5		...	...	...	...	...	...	...
332 Non-electrical machinery		1042.6	1213.3	5194.5	26150.7		...	...	...	...	...	...	...
383 Electrical machinery		572.6	805.1	6306.2	41818.8		95.1	209.1	...	...	16.6	...	...
384 Transport equipment		89.1	148.4	738.5	5597.8		5.1	6.3	...	...	5.7	...	...
385 Professional and scientific equipment		443.9	507.9	1318.9	24138.9		...	...	...	...	...	...	...
390 Other manufacturing industries		537.2	1571.3	8297.9	140666.3		...	...	...	...	...	...	...
3 Total manufacturing		6866.4	12882.0	50502.0	429649.6	c/	468.8	1338.5	...	...	6.8	...	...

a/ 323 includes 324
c/ Sum of available data

b/ 381 includes 362.

Armenia

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(thousand ROUBLES)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 Wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 Wood products, except furniture		
332 Furniture and fixtures, excl metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries		
354 Misc petroleum and coal products		
355 Rubber products		
356 Plastics products		
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		

AUSTRALIA

Supplier of information:

Australian Bureau of Statistics, Canberra.

The index numbers of industrial production are compiled by the Institute of Applied Economic and Social Research, University of Melbourne.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual census of manufacturing establishments.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Fiscal year ending 30 June of the year indicated

Scope:

Through 1990, all manufacturing establishments owned by multi-establishment enterprises and single establishment manufacturing enterprises with four or more persons employed. Beginning 1991, all establishments.

The index numbers of industrial production cover, in principle, establishments with 4 or more persons engaged or those using power equipment.

Method of enumeration:

Not reported

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Number of establishments is the number on 30 June. The establishment is the smallest accounting unit of a business within an Australian state or territory, controlling its productive activities and maintaining a specific range of detailed data enabling value added to be calculated. In general, an establishment covers all operations at a physical location but may consist of a group of locations provided they are within the same state or territory. The majority of establishments operate at one location only.

Through 1990, number of employees refers to the average number of persons employed over the year. Beginning 1991, the number of persons engaged is taken, including working proprietors and employees on the payroll for the last pay period in June of each year.

Wages and salaries paid to employees is gross wages and salaries of all employees.

Output is turnover measured as sales of goods (exclusive of excise and sales tax), whether produced by the establishment or not, plus transfers out of goods to other establishments of the same business, plus bounties and subsidies on production, plus all other operating revenue from outside the business (such as commission revenue, repair and service revenue and rent, leasing and hiring revenue), plus capital work done for own use or for rental or for lease.

Value added is turnover plus the net increase in stocks, less purchases, transfers and selected expenses.

Gross fixed capital formation is net capital expenditure on tangible assets. Tangible assets include land, buildings and structures, plus plant, machinery and equipment (including motor vehicles). Capital expenditure includes all costs which have been capitalised, including interest, legal fees, real estate transfer costs, finance leases and assets acquired under finance leases. Also included are progress payments made to contractors for capital works done by them.

Related national publications:

Census of Manufacturing Establishments, published by the Australian Bureau of Statistics, Canberra.

Australia

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million DOLLARS)			
		1989	1990	1991	1992		1989	1990	1991a/	1992a/		1989	1990	1991	1992
311/2 Food Products		3371	3322	3590	3837		153	150	148	146		3432	3628	3807	3931
3111 Slaughter, preparing & preserving meat		514	624	600	...		47	47	43	...		1066	1116	1169	...
3112 Dairy products		218	202	201	...		15	15	16	...		396	378	429	...
3113 Canning, preserving of fruits & vegetables		171	177	195	...		11	12	12	...		262	294	328	...
3114 Canning, preserving and processing of fish		94	95	104	...		4	3	4	...		66	72	72	...
3115 Vegetable and animal oils and fats		30	29	34	...		2	2	2	...		63	76	83	...
3116 Grain mill products		121	121	136	...		7	7	9	...		167	206	246	...
3117 Bakery products		1604	1578	1679	...		36	34	33	...		654	699	714	...
3118 Sugar factories and refineries	b/	b/	b/	...		b/	b/	b/	...		b/	b/	b/	...	
3119 Cocoa, chocolate and sugar confectionery		107	102	123	...		7	7	7	...		177	182	189	...
3121 Other food products		286b/	277b/	339b/	...		19b/	19b/	17b/	...		486b/	606b/	457b/	...
3122 Prepared animal feeds		126	117	179	...		4	4	5	...		97	102	123	...
313 Beverages		359	312	377	386		18	18	18	17		469	527	698	666
3131 Distilling, rectifying and blending spirits		44c/	42c/	45c/	...		7c/	7c/	7c/	...		208c/	257c/	285c/	...
3132 Wine industries		209	180	214	...		5	5	5	...		113	116	117	...
3133 Malt liquors and malt		c/	c/	c/	...		c/	c/	c/	...		c/	c/	c/	...
3134 Soft drinks and carbonated waters		106	90	118	...		6	6	6	...		148	154	196	...
314 Tobacco		5	4	5	5		3	3	3	3		101	100	96	112
321 Textiles		967	916	1223	1183		45	42	38	33		966	997	972	927
3211 Spinning, weaving and finishing textiles		272	235	287	...		20	17	16	...		463	441	426	...
3212 Made-up textile goods excl. wearing apparel		292	294	443	...		5	5	5	...		87	99	108	...
3213 Knitting mills		250	224	263	247		12	12	9	7		242	251	228	185
3214 Carpets and rugs		56	55	80	...		4	4	4	...		93	101	104	...
3215 Cordage, rope and twine		16	22	28	...		1	1	1	...		10	11	16	...
3219 Other textiles		81	86	122	...		3	3	3	...		71	83	93	...
322 Wearing apparel, except footwear		1874	1703	2091	2125		49	46	38	36		643	626	781	779
323 Leather and fur products		176	152	229	232		4	4	4	3		75	72	79	86
3231 Tanneries and leather finishing		75d/	61d/	89d/	...		2d/	2d/	2d/	...		63d/	50d/	66d/	...
3232 Fur dressing and dyeing industries		d/	d/	d/	...		d/	d/	d/	...		d/	d/	d/	...
3233 Leather prods. excl. wearing apparel		101	91	140	...		2	2	2	...		22	22	22	...
324 Footwear, except rubber or plastic		187	170	203	202		12	10	8	7		218	203	181	164
331 Wood products, except furniture		2764	2544	3457	3345		47	44	42	40		997	1019	1024	988
3311 Sawmills, planing and other wood mills		2340	2151	2740	...		43	40	38	...		922	946	934	...
3312 Wooden and cane containers		97	97	126	...		1	1	1	...		22	24	31	...
3319 Other wood and cork products		327	296	591	...		3	3	3	...		54	50	59	...
332 Furniture and fixtures, excl. metal		2085	2251	3268	3245		34	35	34	31		661	772	741	698
341 Paper and products		271	241	289	312		22	21	20	19		674	682	736	741
3411 Pulp, paper and paperboard articles		55	50	78	93		9	8	7	7		284	286	299	311
3412 Containers of paper and paperboard		132	121	111	...		9	9	8	...		269	257	270	...
3419 Other pulp, paper and paperboard articles		84	70	100	...		4	4	5	...		121	129	166	...
342 Printing and publishing		3127	3157	4405	4601		89	84	85	81		2190	2317	2619	2476
351 Industrial chemicals		291	269	353	379		16	17	16	16		639	614	693	645
3511 Basic chemicals excl. fertilizers		147	140	182	201		7	8	7	7		227	278	302	306
3512 Fertilizers and pesticides		68	52	73	80		4	4	4	4		130	132	184	146
3513 Synthetic resins and plastic materials		76	77	98	98		5	5	5	4		182	203	207	196
352 Other chemicals		622	581	735	772		32	30	31	31		867	900	989	1041
3521 Paints, varnishes and lacquers		113	120	145	149		6	6	6	6		166	172	178	196
3522 Drugs and medicines		112	110	137	143		11	9	10	11		296	296	336	380
3523 Soap, cleaning preps, perfumes, cosmetics		209	173	242	254		9	8	8	7		219	226	250	229
3529 Other chemical products		188	178	211	226		6	7	7	7		186	207	226	236
353 Petroleum refineries		14	21	14	30		4	4	4	4		170	205	217	237

354	Misc. petroleum and coal products	22	20	29	32	1	1	1	1	16	12	14	16
355	Rubber products	200	214	250	251	10	9	8	8	267	270	290	272
3551	Tyres and tubes	118	110	131	131	6	6	6	6	183	189	203	203
3559	Other rubber products	82	104	119	119	4	3	3	3	84	81	87	87
356	Plastic products	1144	1062	1385	1374	37	36	35	32	873	891	967	944
361	Pottery, china, earthenware	98	110	188	202	2	2	2	2	45	52	61	49
362	Glass and products	81	88	172	210	7	6	6	6	206	212	248	227
369	Other non-metallic mineral products	1322	1231	1327	1345	33	33	32	30	887	970	987	948
3691	Structural clay products	149	156	170	170	9	9	8	8	251	269	282	282
3692	Cement, lime and plaster	24	22	25	25	3	3	3	3	101	104	112	112
3699	Other non-metallic mineral products	1149	1053	1132	1132	21	21	21	21	536	597	623	623
371	Iron and steel	362	446	548	606	41	41	39	36	1274	1369	1414	1424
372	Non-ferrous metals	233	228	261	284	29	28	28	26	947	1018	1067	1084
381	Fabricated metal products	4827	4828	6628	6528	108	106	98	89	2435	2599	2638	2416
3811	Cutlery, hand tools and general hardware	91	124	206	206	2	3	2	2	45	63	69	69
3812	Furniture and fixtures primarily of metal	185	218	274	274	5	5	5	5	108	131	129	129
3813	Structural metal products	1932	1976	2602	2588	39	41	39	34	886	1014	1050	922
3819	Other fabricated metal products	2639	2512	3546	3546	62	57	52	52	1398	1392	1401	1401
382	Non-electrical machinery	2852	2499	3623	3633	75	70	68	63	1915	1966	2070	1980
3821	Engines and turbines	1382	1246	1814	1829	38	38	34	31	977	1020	1032	983
3822	Agricultural machinery and equipment	267	248	368	362	6	6	6	4	140	130	122	100
3823	Metal and wood working machinery	474	468	667	666	8	7	8	7	208	202	224	198
3824	Other special industrial machinery	142	176	207	206	3	4	4	4	84	111	110	116
3825	Office, computing and accounting machinery	387	363	579	572	20	18	17	17	606	493	682	584
3829	Other non-electrical machinery & equipment	e/	...	...	...	e/	...	...	...	e/	...	...	...
383	Electrical machinery	940	962	1260	1298	57	54	50	46	1310	1401	1429	1300
3831	Electrical industrial machinery	44	54	55	64	7	8	6	5	134	189	166	147
3832	Radio, television and communication equipm.	53	51	74	79	3	3	2	2	66	76	70	63
3833	Electrical appliances and housewares	231	243	314	330	17	16	14	14	379	379	382	371
3839	Other electrical apparatus and supplies	612	604	817	825	30	28	28	25	731	768	812	729
384	Transport equipment	1556	1501	1963	2036	109	98	83	77	2696	2764	2658	2404
3841	Shipbuilding and repairing	361	296	446	471	12	10	9	9	299	303	293	308
3842	Railroad equipment	52	25	24	23	14	6	2	2	350	118	64	61
3843	Motor vehicles	975	996	1226	1254	68	68	57	62	1620	1810	1637	1462
3844	Motorcycles and bicycles	f/	38	62	60	f/	1	1	-	f/	20	10	10
3845	Aircraft	129	143	206	227	14	14	16	14	407	512	684	673
3849	Other transport equipment	f/	...	...	...	f/	...	...	...	f/	...	...	...
385	Professional and scientific equipment	642	583	957	1113	12	13	13	13	284	324	312	338
3851	Prof. and scientific equipment n.e.c.	g/	143	161	240	g/	4	6	4	g/	112	132	136
3852	Photographic and optical goods	499	437	717	873	8	8	8	9	171	193	176	206
3853	Watches and clocks	g/	...	...	...	g/	...	...	...	g/	...	...	...
390	Other manufacturing industries	1058	1064	1823	1916	13	13	13	13	259	276	294	280
3901	Jewellery and related articles	205	196	371	363	2	2	2	2	39	41	51	46
3902	Musical instruments	h/	h/	h/	h/	h/	h/	h/	h/	h/	h/	h/	h/
3903	Sporting and athletic goods	128	130	194	194	2	2	2	2	32	37	36	36
3909	Manufacturing industries, n.e.c.	725h/	738h/	1258h/	1258h/	9h/	9h/	9h/	9h/	189h/	197h/	208h/	208h/
3	Total manufacturing	31249	30474	40663	41480	1061	1017	966	908	26699	26966	27769	27070

a/ Number of persons engaged.
c/ 3131 includes 3133.
e/ 3821 includes 3829.
g/ 3851 includes 3853

b/ 3121 includes 3118.
d/ 3231 includes 3232.
f/ 3844 includes 3849.
h/ 3909 includes 3902.

Australia

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million DOLLARS)					(million DOLLARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		25297	27340	28829	29316			9788						
3111 Slaughtering, preparing & preserving meat		7787	8266	8139			2669							
3112 Dairy products		4308	4400	4734			1314							
3113 Canning, preserving of fruits & vegetables		1801	2056	2363			785							
3114 Canning, preserving and processing of fish		733	784	883			296							
3115 Vegetable and animal oils and fats		738	688	726			214							
3116 Grain mill products		1530	1838	2171			714							
3117 Bakery products		2613	2824	2867			1401							
3118 Sugar factories and refineries	a/	a/	a/	a/			a/							
3119 Cocoa, chocolate and sugar confectionery		936	1048	1169			610							
3121 Other food products		3386a/	3925a/	3868a/			1607a/							
3122 Prepared animal feeds		1486	1512	1659			478							
313 Beverages		4698	4788	6532	5489		2206							
3131 Distilling, rectifying and blending spirits		2131b/	2273b/	2506b/			1173b/							
3132 Wine industries		946	917	844			481							
3133 Malt liquors and malt	b/	b/	b/	b/			b/							
3134 Soft drinks and carbonated waters		1622	1598	2182			672							
314 Tobacco		710	806	814	966		467							
321 Textiles		5149	5054	4996	4986		2142							
3211 Spinning, weaving and finishing textiles		2302	2283	2191			924							
3212 Made-up textile goods excl. wearing apparel		424	483	506			189							
3213 Knitting mills		1062	1066	947	864		493							
3214 Carpets and rugs		742	724	700			248							
3215 Cordage, rope and twine		63	53	70			27							
3219 Other textiles		466	506	582			263							
322 Wearing apparel, except footwear		3341	3339	3344	3388		1666							
323 Leather and fur products		597	549	545	542		136							
3231 Tanneries and leather finishing		511c/	468c/	456c/			94c/							
3232 Fur dressing and dyeing industries		c/	c/	c/			c/							
3233 Leather goods excl. wearing apparel		86	81	90			71							
324 Footwear, except rubber or plastic		779	706	679	696		367							
331 Wood products, except furniture		5187	5002	4871	4801		2212							
3311 Sawmills, planing and other wood mills		4846	4694	4601			2066							
3312 Wooden and cane containers		102	106	142			50							
3319 Other wood and cork products		220	203	228			96							
332 Furniture and fixtures, excl. metal		2731	2966	2967	2838		1321							
341 Paper and products		4511	4183	4892	4638		1667							
3411 Pulp, paper and paperboard articles		2167	1962	2228	1963		808							
3412 Containers of paper and paperboard		1674	1506	1760			670							
3419 Other pulp, paper and paperboard articles		770	726	904			289							
342 Printing and publishing		8857	9319	9901	9794		5194							
351 Industrial chemicals		5947	5878	6139	5723		2126							
3511 Basic chemicals excl. fertilizers		2324	2461	2630	2646		1043							
3512 Fertilizers and pesticides		1726	1560	1575	1489		473							
3513 Synthetic resins and plastic materials		1897	1867	1934	1609		609							
352 Other chemicals		5911	6244	7164	7423		2932							
3521 Paints, varnishes and lacquers		1152	1336	1571	1661		579							
3522 Drugs and medicines		1788	1841	2174	2417		877							
3523 Soap, cleaning preps., perfumes, cosmetics		1746	1679	1864	1806		863							
3529 Other chemical products		1226	1386	1656	1649		623							
353 Petroleum refineries		1849	7222	8784	9021		2123							

354 Misc. petroleum and coal products		141	129	173	135		44												
355 Rubber products		1245	1320	1274	1182		699												
3551 Tyres and tubes		962	999	913	...		538												
3559 Other rubber products		293	321	361	...		164												
356 Plastic products		5090	4935	6321	5273		2179												
361 Pottery, china, earthenware		145	151	172	176		97												
362 Glass and products		1053	1112	1030	995		676												
369 Other non-metallic mineral products		6070	6559	6314	6148		2777												
3691 Structural clay products		1130	1150	1022	...		705												
3692 Cement, lime and plaster		912	920	783	...		420												
3699 Other non-metallic mineral products		4028	4489	4509	...		1652												
371 Iron and steel		8986	9438	9361	9643		3112												
372 Non-ferrous metals		10423	12112	12086	10978		4852												
381 Fabricated metal products		11989	12595	12342	11555		5395												
3811 Cutlery, hand tools and general hardware		187	214	206	...		116												
3812 Furniture and fixtures primarily of metal		475	645	556	...		258												
3813 Structural metal products		4770	5477	5388	4747		2002												
3819 Other fabricated metal products		6557	6259	6182	...		3021												
382 Non-electrical machinery		8110	8490	8956	8578		3929												
3821 Engines and turbines	d/	3979	4235	4316	4019		1910d/												
3822 Agricultural machinery and equipment		580	545	476	421		258												
3823 Metal and wood working machinery		542	529	756	505		358												
3824 Other special industrial machinery		381	535	450	...		240												
3825 Office, computing and accounting machinery		2448	2544	2949	3011		1153												
3829 Other non-electrical machinery & equipment	d/	...	...	...	...		...d/												
383 Electrical machinery		6673	6689	7095	6731		3157												
3831 Electrical industrial machinery		547	877	837	681		410												
3832 Radio, television and communication equipm.		375	314	354	339		159												
3833 Electrical appliances and housewares		2100	1973	2029	2018		924												
3839 Other electrical apparatus and supplies		3551	3525	3875	3593		1654												
384 Transport equipment		14124	15735	14764	13472		6885												
3841 Shipbuilding and repairing		1327	2221	1636	1727		1015												
3842 Railroad equipment		932	532	364	394		256												
3843 Motor vehicles		10763	11739	11355	9969		4844												
3844 Motorcycles and bicycles	e/	101	55	52	52		21e/												
3845 Aircraft		1001	1188	1357	1330		739												
3849 Other transport equipment	e/	...	...	...	...		...e/												
385 Professional and scientific equipment		1148	1254	1277	1402		638												
3851 Prof. and scientific equipment n.e.c.	f/	358	413	455	431		220f/												
3852 Photographic and optical goods		780	841	822	971		418												
3853 Watches and clocks	f/	...	...	...	...		...f/												
390 Other manufacturing industries		1117	1184	1257	1277		559												
3901 Jewellery and related articles		185	236	248	228		86												
3902 Musical instruments	g/	...	g/	...	...		...g/												
3903 Sporting and athletic goods		163	179	175	...		74												
3909 Manufacturing industries, n.e.c.		759g/	759g/	844g/	...		409g/												
3 Total manufacturing		151858	165099	170688	166862		69244												

a/ 3121 includes 3118
c/ 3231 includes 3232
e/ 3844 includes 3849
g/ 3909 includes 3902

b/ 3131 includes 3133.
d/ 3821 includes 3829.
f/ 3851 includes 3853.

Australia

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(million DOLLARS)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		...	870	...	...	a/	101	104	109	111	112	114	117	126	138
313 Beverages		...	223	...	...	a/	...	...	...	...	...	...	...	...	...
314 Tobacco		...	25	...	...	a/	...	...	...	...	...	...	...	...	...
321 Textiles		...	139	...	...	b/	107	111	111	113	108	109	113	101	85
322 Wearing apparel, except footwear		...	56	...	...	b/	116	107	108	111	99	92	86	88	92
323 Leather and fur products		...	10	...	...	b/	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	19	...	...	b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	229	...	...	c/	111	101	113	118	106	96	93	88	92
332 Furniture and fixtures, excl. metal		...	88	...	...	c/	...	...	...	...	...	...	...	...	...
341 Paper and products		...	162	...	...	d/	112	118	124	133	125	121	118	111	127
342 Printing and publishing		...	468	...	...	d/	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	420	...	...	e/	104	109	118	120	119	124	124	125	136
352 Other chemicals		...	181	...	...	e/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	231	...	...	e/	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	1	...	...	e/	...	...	...	...	...	...	...	...	...
355 Rubber products		...	25	...	...	e/	66	76	72	97	90	87	75	87	99
356 Plastic products		...	561	...	...	e/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	4	...	...	f/	109	101	106	119	115	104	99	108	123
362 Glass and products		...	177	...	...	f/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	407	...	...	f/	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	441	...	...	g/	105	106	110	115	128	132	133	133	141
372 Non-ferrous metals		...	532	...	...	g/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	517	...	...	h/	94	92	105	114	106	96	90	87	93
382 Non-electrical machinery		...	266	...	...	h/	87	96	100	108	101	102	100	118	128
383 Electrical machinery		...	284	...	...	h/	...	...	...	...	...	...	...	...	...
384 Transport equipment		...	534	...	...	h/	107	101	106	112	120	111	101	105	130
385 Professional and scientific equipment		...	63	...	...	h/	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	43	...	...		94	108	118	120	113	114	111	111	127
3 Total manufacturing		...	6974	...	...		102	103	109	115	114	112	110	113	123

a/ 311/2 includes 313 and 314
c/ 331 includes 332
e/ 351 includes 352, 353 and 354
g/ 371 includes 372

b/ 322 includes 324.
d/ 341 includes 342.
f/ 361 includes 362 and 369.
h/ 382 includes 383.

AUSTRIA

Supplier of information:

Austrian Central Statistical Office, Vienna.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

Non-ferrous metal foundries (part of ISIC 372) are included in ISIC 371.

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

All establishments.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees refers to persons employed on 31 December.

Wages and salaries paid to employees is compensation 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.

Output 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.

Value added is based on the census 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.

Gross fixed capital formation 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. "Fixed assets" are those with a productive life of at least one year, including assets made by a unit's labour force; additions, alterations, and repairs to existing assets; new assets, whether yet in use or not; and used assets. The valuation is at full cost including delivered price, cost of installation, fees and taxes (except value added tax). The value of sales of used assets is the actual amount realized.

Related national publications:

Industriestatistik, Vol. 2, published by the Austrian Central Statistical Office, Vienna.

Austria

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million SCHILLINGS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		863	813	808	796		52.8	51.0	51.0	50.0		13732	14611	15183	15517
3111 Slaughtering, preparing & preserving meat		211	197	197	192		14.2	14.0	14.0	14.4		3206	3542	3789	3870
3112 Dairy products		131	125	118	119		7.8	7.0	7.0	5.8		2443	2441	2386	2204
3113 Canning, preserving of fruits & vegetables		27	27	26	26		1.6	2.0	2.0	1.6		366	399	406	436
3114 Canning, preserving and processing of fish		...	...	...	...		...	...	...	...		...	...	...	...
3115 Vegetable and animal oils and fats		...	...	...	...		...	...	...	...		...	...	...	...
3116 Grain mill products		47	46	46	41		1.2	1.0	1.0	1.0		384	409	422	410
3117 Bakery products		248	236	239	237		12.9	13.0	13.0	13.0		2816	3012	3269	3437
3118 Sugar factories and refineries		7	7	7	4		1.4	1.0	1.0	1.1		478	606	466	464
3119 Cocoa, chocolate and sugar confectionery		27	26	24	26		3.3	3.0	3.0	3.1		610	632	666	937
3121 Other food products		166	151	151	152		10.6	10.0	10.0	10.1		3242	3471	3618	3767
3122 Prepared animal feeds		...	...	...	...		...	...	...	...		...	...	...	...
313 Beverages		242	234	226	222		12.7	13.0	13.0	12.3		4161	4480	4643	4866
3131 Distilling, rectifying and blending spirits		99	97	96	91		2.3	2.0	2.0	2.2		676	716	727	787
3132 Wine industries		...	...	...	...		...	...	...	...		...	...	...	...
3133 Malt liquors and malt		82	82	81	81		6.6	7.0	7.0	6.6		2416	2672	2717	2849
3134 Soft drinks and carbonated waters		61	56	49	50		3.8	4.0	4.0	3.7		1071	1193	1199	1230
314 Tobacco		15	14	14	14		1.4	1.4	1.3	1.2		647	666	684	626
321 Textiles		448	432	410	400		37.1	36.0	33.0	28.6		8613	8826	8897	8303
3211 Spinning, weaving and finishing textiles	a/	224	223	210	200	a/	19.0	18.0	16.0	13.2	a/	4603	4738	4667	4160
3212 Made-up textile goods excl. wearing apparel	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
3213 Knitting mills	b/	102	98	96	99	b/	10.3	10.0	10.0	8.8	b/	2091	2132	2236	2149
3214 Carpets and rugs	b/	122	111	104	101	b/	7.8	7.0	7.0	6.9	b/	1819	1966	1994	2004
3215 Cordage, rope and twine	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
3219 Other textiles	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
322 Wearing apparel, except footwear		403	369	342	308		24.1	22.0	19.0	16.9		3936	3871	3690	3302
323 Leather and fur products		43	40	41	41		2.8	3.0	3.0	2.2		666	638	666	629
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic	c/	63	57	51	49	c/	8.4	7.0	6.0	5.6	c/	1602	1488	1364	1269
331 Wood products, except furniture	d/	1994	1966	1883	1808	d/	19.3	17.0	17.0	16.7	d/	4410	4269	4360	4246
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...	...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		609	582	591	568		30.8	33.0	33.0	32.6		6649	7616	8642	8877
341 Paper and products		148	147	141	141		20.0	20.0	20.0	18.9		7011	7662	7667	7662
3411 Pulp, paper and paperboard articles		44	42	39	38		12.6	12.0	12.0	11.3		4940	5173	5343	5012
3412 Containers of paper and paperboard	e/	104	106	102	103	e/	7.4	8.0	8.0	7.6	e/	2071	2389	2644	2660
3419 Other pulp, paper and paperboard articles	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
342 Printing and publishing		333	324	329	324		24.6	24.0	23.0	21.8		8660	9348	9796	9469
351 Industrial chemicals		143	146	143	143		20.3	20.0	20.0	17.9		7311	7843	7817	7607
3511 Basic chemicals excl. fertilizers		66	64	64	63		7.4	7.0	7.0	6.2		2961	3212	3016	2820
3512 Fertilizers and pesticides	f/	87	91	89	90	f/	12.9	13.0	13.0	11.7	f/	4360	4627	4601	4667
3513 Synthetic resins and plastic materials	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
352 Other chemicals		283	231	267	263		18.7	18.0	18.0	17.6		6233	6640	6841	7093
3521 Paints, varnishes and lacquers		79	80	71	68		3.6	3.0	3.0	3.0		1066	1084	1068	1076
3522 Drugs and medicines		64	66	69	61		7.8	8.0	8.0	8.2		2739	2984	3136	3326
3523 Soap, cleaning preps, perfumes, cosmetics		38	36	34	30		3.1	3.0	3.0	2.6		1099	1102	1226	1248
3529 Other chemical products		102	100	93	94		4.3	4.0	4.0	3.8		1329	1470	1412	1442
353 Petroleum refineries		30	29	27	27		3.7	4.0	4.0	3.3		2012	2203	2676	2636

354 Misc. petroleum and coal products	32	29	27	29	1.1	1.0	1.0	0.9	422	409	362	394
355 Rubber products	39	37	36	33	7.1	6.0	6.0	5.3	2610	2326	2346	2136
3551 Tyres and tubes	....	....	....	....	....	....	....	....	....	....	....	....
3559 Other rubber products	....	....	....	....	....	....	....	....	....	....	....	....
356 Plastic products	245	249	268	257	13.7	14.0	14.0	14.6	3318	3683	4091	4363
361 Pottery, china, earthenware	32	29	29	29	3.0	3.0	3.0	2.4	797	849	860	826
362 Glass and products	74	73	73	72	9.0	9.0	9.0	8.4	2636	2816	3030	2966
369 Other non-metallic mineral products	442	433	436	426	26.9	26.0	26.0	23.4	8707	9064	9603	9346
3691 Structural clay products	....	....	....	....	....	....	....	....	....	....	....	....
3692 Cement, lime and plaster	....	....	....	....	....	....	....	....	....	....	....	....
3699 Other non-metallic mineral products	....	....	....	....	....	....	....	....	....	....	....	....
371 Iron and steel	111	115	109	103	36.5	33.0	31.0	27.9	12199	11487	11289	10643
372 Non-ferrous metals	57	57	54	51	9.6	9.0	8.0	7.0	3029	3099	2907	2719
381 Fabricated metal products	896	869	888	878	57.9	57.0	55.0	53.6	16241	17128	18107	17666
3811 Cutlery, hand tools and general hardware	230	216	218	222	14.6	14.0	13.0	12.4	3949	4036	4136	4082
3812 Furniture and fixtures primarily of metal	124	107	116	113	11.0	11.0	10.0	9.9	2966	3234	3367	3290
3813 Structural metal products	306	318	323	322	20.8	21.0	21.0	20.6	6260	6603	7116	7116
3819 Other fabricated metal products	237	228	231	221	11.6	11.0	11.0	10.7	3084	3266	3497	3370
382 Non-electrical machinery	833	868	866	868	73.0	74.0	62.0	68.2	23496	26964	22671	22364
3821 Engines and turbines	60	62	58	59	7.1	8.0	7.0	7.2	2367	2731	2626	2774
3822 Agricultural machinery and equipment	87	86	87	87	6.7	7.0	6.0	6.9	1700	1882	1864	1872
3823 Metal and wood working machinery	63	59	57	53	6.8	6.0	6.0	4.6	2189	2218	2209	1781
3824 Other special industrial machinery	372	373	377	386	36.6	36.0	36.0	33.6	12316	13466	13661	13696
3825 Office, computing and accounting machinery	....	....	....	....	....	....	....	....	....	....	....	....
3829 Other non-electrical machinery & equipment	261	276	86	84	16.9	17.0	7.0	7.0	4923	6666	2131	2342
383 Electrical machinery	496	489	496	496	63.0	61.0	60.0	74.1	26362	28487	29077	29718
3831 Electrical industrial machinery	98	94	112	116	16.1	16.0	16.0	13.6	4278	4706	4803	4744
3832 Radio, television and communication equipm.	63	63	66	66	19.6	18.0	17.0	16.9	6602	6766	6629	6666
3833 Electrical appliances and housewares	33	33	29	29	6.2	6.0	6.0	4.4	1269	1379	1396	1366
3839 Other electrical apparatus and supplies	302	299	297	291	43.1	43.0	43.0	40.3	16313	16616	17349	16060
384 Transport equipment	134	136	140	130	31.7	31.0	30.0	26.3	9232	10424	10682	10387
3841 Shipbuilding and repairing	5	5	6	6	1.4	1.0	1.0	0.4	472	491	269	289
3842 Railroad equipment	7	7	8	8	4.2	4.0	3.0	3.0	1474	1336	1203	1189
3843 Motor vehicles	94	94	96	87	23.6	23.6	23.0	22.0	6736	7766	8341	7988
3844 Motorcycles and bicycles	3	2	4	4	0.9g/	1.0g/	1.0g/	0.6	206g/	61g/	116	106
3845 Aircraft	3	4	4	4	g/	g/	g/	0.9	g/	g/	337	384
3849 Other transport equipment	22	23	23	12	1.6	1.6	2.0	1.6	346	361	417	428
385 Professional and scientific equipment	81	78	76	76	6.8	7.0	7.0	6.9	1643	1641	2061	1927
3851 Prof. and scientific equipment n.e.c.	41	40	38	39	1.8	2.0	2.0	1.9	446	493	626	663
3852 Photographic and optical goods	22	22	21	21	4.3	4.0	4.0	3.6	964	1168	1366	1223
3853 Watches and clocks	18	16	17	16	0.7	1.0	1.0	0.6	134	160	176	161
390 Other manufacturing industries	55	49	52	46	7.1	7.0	7.0	6.3	1826	1809	1967	1962
3901 Jewellery and related articles	....	....	....	....	....	....	....	....	....	....	....	....
3902 Musical instruments	....	....	....	....	....	....	....	....	....	....	....	....
3903 Sporting and athletic goods	....	....	....	....	....	....	....	....	....	....	....	....
3909 Manufacturing industries, n.e.c.	....	....	....	....	....	....	....	....	....	....	....	....
3 - Total manufacturing	c/d/ 9144	8920	8598	8386	c/d/ 642.1	626.4	599.3	660.0	c/d/ 187428	199416	201681	199414

a/ 3211 includes 3212
c/ Including repair of footwear.
e/ 3412 includes 3419.
g/ 3844 includes 3845

b/ 3214 includes 3215 and 3219.
d/ Including sawmills.
f/ 3612 includes 3613.

Austria

ISIC industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million SCHILLINGS)					(million SCHILLINGS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		116167	121558	124016	126361	26177	28222	29821	31048	22.6	24.6	62.6	60.0	
3111 Slaughtering, preparing & preserving meat		30112	33599	36369	34423	8496	8057	8466	8621	18.2	18.9	68.3	69.3	
3112 Dairy products		28999	28712	27363	28935	3341	3802	4323	4487	11.5	15.4	73.1	49.6	
3113 Canning, preserving of fruits & vegetables		3480	3808	3712	3931	797	844	892	1017	22.9	26.9	44.7	43.1	
3114 Canning, preserving and processing of fish														
3115 Vegetable and animal oils and fats														
3116 Grain mill products		4868	4768	4676	4612	981	1070	970	988	20.2	21.9	39.1	41.6	
3117 Bakery products		11910	12711	13192	13781	5559	6102	6263	6625	46.8	48.1	60.6	61.9	
3118 Sugar factories and refineries		4190	4337	4186	4103	1181	1073	1104	1070	27.7	26.1	41.0	43.4	
3119 Cocoa, chocolate and sugar confectionery		5594	5629	5804	6538	1680	1770	1739	1861	30.0	28.6	48.2	60.3	
3121 Other food products		27014	27994	29714	30148	7153	7604	8044	8609	26.6	28.2	46.3	44.2	
3122 Prepared animal feeds														
313 Beverages		26999	28140	31796	31972	9658	9940	12606	12761	36.8	39.9	43.6	38.1	
3131 Distilling, rectifying and blending spirits		5505	5961	5569	6666	1388	1511	1428	1481	26.2	26.2	48.6	63.1	
3132 Wine industries														
3133 Malt liquors and malt		11639	12091	14826	14933	6660	6436	7604	7764	49.0	62.0	42.7	36.7	
3134 Soft drinks and carbonated waters		8956	10098	11101	11384	2620	2994	3473	3616	20.1	30.9	42.6	36.0	
314 Tobacco		18999	19782	20086	19921	16116	16636	17204	16863	84.8	84.6	3.4	3.7	
321 Textiles		40897	40812	41063	38216	14680	14788	15293	14662	36.9	36.1	66.0	67.0	
3211 Spinning, weaving and finishing textiles	a/	22647	21782	21016	19149	8014	7733	7603	6896	36.4	36.0	67.4	60.2	
3212 Made-up textile goods excl. wearing apparel	a/													
3213 Knitting mills		8172	8564	8924	8290	3196	3448	3700	3692	39.1	43.3	66.4	69.8	
3214 Carpets and rugs	b/	10078	10466	11114	10777	3470	3607	3990	4076	34.4	37.8	62.4	49.2	
3215 Cordage, rope and twine	b/													
3219 Other textiles	b/													
322 Wearing apparel, except footwear		15785	15343	14682	13469	6220	6069	6667	6096	39.4	37.9	63.3	64.8	
323 Leather and fur products		3546	3283	3346	3112	934	979	847	907	26.3	29.1	69.6	68.3	
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather prods. excl. wearing apparel														
324 Footwear, except rubber or plastic	c/	8049	7687	6820	6294	2423	2469	2317	2166	30.1	34.4	62.0	68.6	
331 Wood products, except furniture	d/	36821	36034	34662	30864	9996	9918	9662	8666	27.3	27.9	44.1	49.6	
3311 Sawmills, planing and other wood mills														
3312 Wooden and cane containers														
3319 Other wood and cork products														
332 Furniture and fixtures, excl. metal		28231	32846	34746	36642	11301	13949	16068	16163	40.0	42.6	68.0	68.6	
341 Paper and products		47462	47909	47126	43232	16169	16266	14319	13100	31.9	30.3	46.2	67.7	
3411 Pulp, paper and paperboard articles		36867	36012	34179	30632	11209	10774	9671	8448	31.3	27.6	44.1	69.3	
3412 Containers of paper and paperboard	e/	11596	12897	12947	12600	3960	4481	4748	4662	34.1	36.9	62.4	64.8	
3419 Other pulp, paper and paperboard articles	e/													
342 Printing and publishing		32184	34926	34964	33226	13222	14330	13843	13676	41.1	41.2	66.4	69.4	
351 Industrial chemicals		62517	61916	48076	42666	14619	14186	13389	12466	27.6	29.3	60.4	61.1	
3511 Basic chemicals excl. fertilizers		22837	21183	19612	16666	6006	6996	6376	4797	26.3	30.8	49.1	60.9	
3512 Fertilizers and pesticides	f/	29680	30732	28464	26971	8614	8490	8014	7669	28.7	28.4	61.2	61.2	
3513 Synthetic resins and plastic materials	f/													
352 Other chemicals		38486	41267	41392	42886	12161	13671	13682	14801	31.6	34.6	61.3	47.9	
3521 Paints, varnishes and lacquers		6092	6301	6714	6872	1627	1769	1669	1818	20.7	31.0	66.6	69.1	
3522 Drugs and medicines		16989	19086	19018	20689	6966	7109	7063	7913	36.1	38.4	46.9	42.1	
3523 Soap, cleaning preps., perfumes, cosmetics		7884	8066	9069	8660	2167	2164	2328	2291	27.6	26.8	60.7	64.6	
3529 Other chemical products		7620	7816	7601	7874	2401	2639	2642	2779	31.9	36.3	66.4	61.9	
353 Petroleum refineries		36123	36633	31162	30797	6668	6326	4829	6061	16.4	16.4	36.2	60.2	

354 Misc petroleum and coal products	2248	2215	1758	1999	735	806	828	704	32.7	35.2	67.4	66.0
355 Rubber products	10733	10902	10938	9679	3535	3824	3926	3543	32.9	36.6	71.0	60.3
3551 Tyres and tubes	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3559 Other rubber products	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
356 Plastic products	17007	18723	19032	19617	6192	7187	7676	8207	36.4	41.8	63.6	63.0
361 Pottery, china, earthenware	2267	2296	2387	2339	1269	1294	1267	1277	66.0	64.6	62.8	64.7
362 Glass and products	11115	11593	12126	11732	5385	6074	6702	6630	62.9	66.6	44.8	44.6
369 Other non-metallic mineral products	43018	46294	46690	47210	16746	18796	18361	17706	38.9	37.6	62.0	62.8
3691 Structural clay products	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3692 Cement, lime and plaster	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3699 Other non-metallic mineral products	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
371 Iron and steel	55038	52286	49685	48410	23745	21121	17751	16123	43.1	36.6	61.4	66.0
372 Non-ferrous metals	29148	28433	26576	21372	4939	5031	4662	3858	16.9	18.1	61.3	70.6
381 Fabricated metal products	67253	69191	72061	70225	28807	28957	30477	29393	42.8	41.9	56.4	60.8
3811 Cutlery, hand tools and general hardware	14909	14372	14224	13625	6911	6967	6927	6680	46.4	48.1	67.1	62.3
3812 Furniture and fixtures primarily of metal	12543	13965	14600	13637	5476	6009	6201	6178	43.7	46.3	64.0	63.3
3813 Structural metal products	26650	27407	28923	29364	11166	10486	11476	10881	41.9	37.1	66.0	66.4
3819 Other fabricated metal products	13161	13467	14404	13609	6264	6496	6873	6784	40.0	42.6	68.6	66.3
382 Non-electrical machinery	103734	111652	97237	91636	37432	40062	34066	32604	36.1	36.8	62.8	66.2
3821 Engines and turbines	9764	11337	9666	10411	3776	3426	2679	3963	34.6	38.0	70.1	70.2
3822 Agricultural machinery and equipment	9071	9460	9032	8894	2872	2926	2649	2913	31.7	32.3	69.2	64.3
3823 Metal and wood working machinery	8522	8341	8183	8697	3466	3237	3436	2966	40.7	44.3	53.2	50.0
3824 Other special industrial machinery	58481	61974	61048	56133	19696	21144	21496	18776	33.7	33.4	62.6	72.4
3825 Office, computing and accounting machinery	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3829 Other non-electrical machinery & equipment	17906	20640	9319	9600	8026	9320	4007	4193	44.8	44.1	61.3	66.9
383 Electrical machinery	119964	128644	126262	124413	44643	46391	47166	47930	37.2	38.6	69.0	62.0
3831 Electrical industrial machinery	17646	19664	18213	19616	6733	7698	7847	8460	38.2	43.3	63.6	66.1
3832 Radio, television and communication equip.	32646	33360	27926	28380	9910	9247	8721	9107	30.6	32.1	56.6	61.1
3833 Electrical appliances and housewares	6436	6766	7067	6616	2368	2392	2666	2644	36.6	40.0	53.4	61.4
3839 Other electrical apparatus and supplies	63328	68876	72066	69902	26642	27164	27730	27729	40.6	39.7	69.7	66.1
384 Transport equipment	53966	63170	67190	62106	18782	21177	22128	19414	34.8	31.3	49.2	63.6
3841 Shipbuilding and repairing	1473	1371	714	931	626	481	266	472	36.6	60.7	89.9	61.2
3842 Railroad equipment	4690	4467	4303	4680	2393	2132	2063	2103	61.0	46.9	61.6	66.6
3843 Motor vehicles	44460	53289	58003	52422	16044	17231	18662	16414	33.8	29.4	44.8	61.8
3844 Motorcycles and bicycles	1236g/	1766g/	903	719	281g/	720g/	187	173	22.8	24.1	73.3	62.4
3845 Aircraft	g/	g/	869	944	g/	g/	423	466	.....	49.6	.....	82.1
3849 Other transport equipment	2098	2288	2378	2609	639	613	647	784	26.7	31.2	64.0	64.6
385 Professional and scientific equipment	5179	6192	7186	6494	2620	2916	3242	3001	48.7	46.2	61.2	64.2
3851 Prof. and scientific equipment n e c.	1676	1927	2400	2297	706	820	940	936	42.1	40.7	63.1	69.1
3852 Photographic and optical goods	2960	3663	4174	3660	1606	1663	2063	1814	63.9	61.1	60.0	67.4
3853 watches and clocks	624	662	611	647	209	232	249	262	39.9	38.9	64.1	69.9
390 Other manufacturing industries	6983	6980	7930	7603	2830	2692	3134	3047	40.6	40.1	64.6	64.4
3901 Jewellery and related articles	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3902 Musical instruments	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3903 Sporting and athletic goods	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3909 Manufacturing industries, n e c	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3 Total manufacturing	c/d/ 1028668	1072698	1068829	1020149	c/d/ 366083	372141	369708	369832	34.6	36.3	62.6	66.4

a/ 3211 includes 3212.
c/ Including repair of footwear
e/ 3412 includes 3419
g/ 3844 includes 3845.

b/ 3214 includes 3216 and 3219.
d/ Including sawmills.
f/ 3612 includes 3613.

Austria

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million SCHILLINGS)					(1980=100)								
		1990	1991	1992	1993		1986	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food products		5016	5316	5278	6137	a/	113	116	116	119	125	136	144	146	147
313 Beverages		2512	3104	3344	3347	a/	...	...	...	...	...	...	...	...	...
314 Tobacco		293	282	338	383		106	101	99	94	96	99	107	103	106
321 Textiles		3071	3298	2190	1649		91	91	87	90	94	99	99	96	85
322 wearing apparel, except footwear		459	373	406	433		93	94	92	86	87	86	83	74	82
323 Leather and fur products		120	167	121	168	b/	90	93	82	76	82	83	81	78	73
324 Footwear, except rubber or plastic	c/	231	203	216	237	b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	d/	2977	2883	2487	2037	e/	100	104	108	114	123	138	150	154	160
332 Furniture and fixtures, excl. metal		1589	1992	2132	2093	e/	...	...	...	...	...	...	...	...	...
341 Paper and products		9647	8098	6361	3709		123	126	134	149	168	164	172	176	177
342 Printing and publishing		2009	3519	2281	2390		137	139	155	181	190	214	231	...	...
351 Industrial chemicals		3670	4235	4778	3157	f/	118	116	120	134	139	141	142	143	138
352 Other chemicals		2722	2608	2930	3361	f/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		1208	1172	1399	629		93	92	92	98	100	101	106	106	107
354 Misc. petroleum and coal products		222	93	104	234		...	...	...	...	...	...	...	...	...
355 Rubber products		843	647	629	381		109	101	103	109	103	106	99	98	84
356 Plastic products		1704	1687	1642	1524		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		276	112	102	89		97	99	100	106	109	111	111	113	114
362 Glass and products		1936	1666	1694	1046		127	134	138	136	138	167	174	180	171
369 Other non-metallic mineral products		3350	4006	4186	3518		...	...	...	...	...	...	...	...	...
371 Iron and steel		3645	3577	3834	2487		104	98	96	106	112	110	103	99	97
372 Non-ferrous metals		1340	1730	1898	1182		118	120	126	139	133	134	128	129	117
381 Fabricated metal products		4186	4601	4462	4220		120	122	122	134	145	150	156	157	151
382 Non-electrical machinery		4686	4852	4101	3457		96	101	94	99	108	132	131	125	122
383 Electrical machinery		6719	6889	7289	6866		132	147	143	147	152	161	166	190	192
384 Transport equipment		2409	4438	6687	4493		134	128	122	140	158	179	182	183	174
385 Professional and scientific equipment		282	364	287	462		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		234	243	607	367		...	...	...	...	...	...	...	...	...
3 Total manufacturing	c/d/	66966	69914	70697	59096		...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313.
c/ Including repair of footwear.
e/ 331 includes 332.

b/ 323 includes 324.
d/ Including sawmills.
f/ 351 includes 362.

BAHRAIN

Supplier of information:
Central Statistics Organisation, Manama.

Basic source of data:
Not reported.

Major deviations from current version of ISIC:
None reported.

Reference period (if not calendar year):

Scope:
Not reported.

Method of enumeration:
Not reported.

Adjusted for non-response:
Not reported.

Concepts and definitions of variables:
No deviations from the standard UN concepts and definitions are reported.

Related national publications:

Bahrain

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DINARS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products					317					2830					6178
3111 Slaughtering, preparing & preserving meat					1					76					168
3112 Dairy products					8					290					941
3113 Canning, preserving of fruits & vegetables					5					58					77
3114 Canning, preserving and processing of fish					-					-					-
3115 Vegetable and animal oils and fats					2					186					753
3116 Grain mill products					7					184					571
3117 Bakery products					265					1448					2148
3118 Sugar factories and refineries					-					-					-
3119 Cocoa, chocolate and sugar confectionery					12					85					139
3121 Other food products					17					504					1281
3122 Prepared animal feeds					-					-					-
313 Beverages					6					592					1242
3131 Distilling, rectifying and blending spirits					-					-					-
3132 Wine industries					-					-					-
3133 Malt liquors and malt					-					-					-
3134 Soft drinks and carbonated waters					6					592					1242
314 Tobacco					-					-					-
321 Textiles					5					-					-
3211 Spinning, weaving and finishing textiles					5					-					-
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					1231					7418					6327
323 Leather and fur products					1					15					14
3231 Tanneries and leather finishing					1					15					14
3232 Fur dressing and dyeing industries					-					-					-
3233 Leather prods. excl. wearing apparel					-					-					-
324 Footwear, except rubber or plastic					4					23					20
331 Wood products, except furniture					1					15					24
3311 Sawmills, planing and other wood mills					-					-					-
3312 Wooden and cane containers					1					15					24
3319 Other wood and cork products					-					-					-
332 Furniture and fixtures, excl. metal					311					2187					2953
341 Paper and products					4					241					412
3411 Pulp, paper and paperboard articles					-					-					-
3412 Containers of paper and paperboard					2					79					128
3419 Other pulp, paper and paperboard articles					2					162					284
342 Printing and publishing					15					1421					3848
351 Industrial chemicals					8					718					4072
3511 Basic chemicals excl. fertilizers					7					561					3975
3512 Fertilizers and pesticides					-					-					-
3513 Synthetic resins and plastic materials					1					57					97
352 Other chemicals					15					101					213
3521 Paints, varnishes and lacquers					3					69					168
3522 Drugs and medicines					12					32					45
3523 Soap, cleaning preps., perfumes, cosmetics					-					-					-
3529 Other chemical products					-					-					-
353 Petroleum refineries					1					2729					28778

Bahrain

ISIC Industry	Output				Value added				Share of value added in output		Share of wages and salaries in value added			
	Note	(thousand DINARS)				Note	(thousand DINARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products					44425									
3111 Slaughtering, preparing & preserving meat					281									
3112 Dairy products					7638									
3113 Canning, preserving of fruits & vegetables					778									
3114 Canning, preserving and processing of fish					-									
3115 Vegetable and animal oils and fats					9574									
3116 Grain mill products					4258									
3117 Bakery products					9176									
3118 Sugar factories and refineries					-									
3119 Cocoa, chocolate and sugar confectionery					611									
3121 Other food products					12273									
3122 Prepared animal feeds					-									
313 Beverages					7902									
3131 Distilling, rectifying and blending spirits					-									
3132 Wine industries					-									
3133 Malt liquors and malt					-									
3134 Soft drinks and carbonated waters					7902									
314 Tobacco					-									
321 Textiles					12									
3211 Spinning, weaving and finishing (textiles)					12									
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					31089									
323 Leather and fur products					240									
3231 Tanneries and leather finishing					240									
3232 Fur dressing and dyeing industries					-									
3233 Leather goods excl. wearing apparel					-									
324 Footwear, except rubber or plastic					764									
331 Wood products, except furniture					327									
3311 Sawmills, planing and other wood mills					-									
3312 Wooden and cane containers					327									
3319 Other wood and cork products					-									
332 Furniture and fixtures, excl. metal					32248									
341 Paper and products					3660									
3411 Pulp, paper and paperboard articles					-									
3412 Containers of paper and paperboard					958									
3419 Other pulp, paper and paperboard articles					2604									
342 Printing and publishing					19320									
351 Industrial chemicals					28600									
3511 Basic chemicals excl. fertilizers					28020									
3512 Fertilizers and pesticides					-									
3513 Synthetic resins and plastic materials					480									
352 Other chemicals					1994									
3521 Paints, varnishes and lacquers					1374									
3522 Drugs and medicines					620									
3523 Soap, cleaning prep., perfumes, cosmetics					-									
3529 Other chemical products					-									
353 Petroleum refineries					73093									

354	Misc. petroleum and coal products	...	...	...	-	...	...	...	...	...	...
355	Rubber products	...	...	...	-	...	...	...	...	...	...
3551	Tyres and tubes	...	...	...	-	...	...	...	...	...	...
3559	Other rubber products	...	...	...	-	...	...	...	...	...	...
356	Plastic products	...	...	...	7297	...	...	...	...	...	...
361	Pottery, china, earthenware	...	...	...	60	...	...	...	...	...	...
362	Glass and products	...	...	...	-	...	...	...	...	...	...
369	Other non-metallic mineral products	...	...	...	37332	...	...	...	...	...	...
3691	Structural clay products	...	...	...	-	...	...	...	...	...	...
3692	Cement, lime and plaster	...	...	...	3931	...	...	...	...	...	...
3699	Other non-metallic mineral products	...	...	...	33401	...	...	...	...	...	...
371	Iron and steel	...	...	...	15864	...	...	...	...	...	...
372	Non-ferrous metals	...	...	...	234199	...	...	...	...	...	...
381	Fabricated metal products	...	...	...	15807	...	...	...	...	...	...
3811	Cutlery, hand tools and general hardware	...	...	...	-	...	...	...	...	...	...
3812	Furniture and fixtures primarily of metal	...	...	...	1621	...	...	...	...	...	...
3813	Structural metal products	...	...	...	9652	...	...	...	...	...	...
3819	Other fabricated metal products	...	...	...	4334	...	...	...	...	...	...
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	...	...	...	38838	...	...	...	...	...	...
3831	Electrical industrial machinery	...	...	...	739	...	...	...	...	...	...
3832	Radio, television and communication equipm.	...	...	...	-	...	...	...	...	...	...
3833	Electrical appliances and housewares	...	...	...	2921	...	...	...	...	...	...
3839	Other electrical apparatus and supplies	...	...	...	35178	...	...	...	...	...	...
384	Transport equipment	...	...	...	23604	...	...	...	...	...	...
3841	Shipbuilding and repairing	...	...	...	23476	...	...	...	...	...	...
3842	Railroad equipment	...	...	...	-	...	...	...	...	...	...
3843	Motor vehicles	...	...	...	128	...	...	...	...	...	...
3844	Motorcycles and bicycles	...	...	...	-	...	...	...	...	...	...
3845	Aircraft	...	...	...	-	...	...	...	...	...	...
3849	Other transport equipment	...	...	...	-	...	...	...	...	...	...
385	Professional and scientific equipment	...	...	...	319	...	...	...	...	...	...
3851	Prof. and scientific equipment n.e.c.	...	...	...	319	...	...	...	...	...	...
3852	Photographic and optical goods	...	...	...	-	...	...	...	...	...	...
3853	Watches and clocks	...	...	...	-	...	...	...	...	...	...
390	Other manufacturing industries	...	...	...	33968	...	...	...	...	...	...
3901	Jewellery and related articles	...	...	...	33968	...	...	...	...	...	...
3902	Musical instruments	...	...	...	-	...	...	...	...	...	...
3903	Sporting and athletic goods	...	...	...	-	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	...	...	...	-	...	...	...	...	...	...
3	Total manufacturing	...	...	...	660446	...	...	...	...	...	...

Bahrain

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand DINARS)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		6089		...	...	...	...	...	...	...	...	...
313 Beverages		623		...	...	...	...	...	...	...	...	...
314 Tobacco		-		
321 Textiles		-		
322 wearing apparel, except footwear		1120		...	...	...	...	...	...	...	...	...
323 Leather and fur products		-		
324 Footwear, except rubber or plastic		1		...	...	...	...	...	...	...	...	...
331 wood products, except furniture		-		
332 Furniture and fixtures, excl. metal		418		...	...	...	...	...	...	...	...	...
341 Paper and products		384		...	...	...	...	...	...	...	...	...
342 Printing and publishing		992		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		2617		...	...	...	...	...	...	...	...	...
352 Other chemicals		66		...	...	...	...	...	...	...	...	...
353 Petroleum refineries		13075		77	102	101	100	101	104	107	107	102	
354 Misc. petroleum and coal products		-		
355 Rubber products		-		
356 Plastic products		785		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		4		...	...	...	...	...	...	...	...	...
362 Glass and products		-		
369 Other non-metallic mineral products		1664		...	...	...	...	...	...	...	...	...
371 Iron and steel		55		...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		7210		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		651		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		-		
383 Electrical machinery		3690		...	...	...	...	...	...	...	...	...
384 Transport equipment		910		...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		47		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		140		...	...	...	...	...	...	...	...	...
3 Total manufacturing		40441		...	...	...	...	...	...	...	...	...

BARBADOS

Supplier of information:

Barbados Statistical Service, Bridgetown.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

Food products (ISIC 311/2) does not include sugar manufacturing.

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.

Scope:

All establishments.

Method of enumeration:

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

Adjusted for non-response:

No.

Concepts and definitions of variables:

Number of employees is the average of the quarterly numbers.

Figures for wages and salaries exceed value added in several industries. This reflects the presence of significant subsidies received by industrial establishments.

Output is gross output.

Value added is total value added.

Gross fixed capital formation refers to the net increase in the value of fixed assets during the year.

Related national publications:

Statistical Bulletin; Survey of Industrial Establishments (occasional), both published by the Barbados Statistical Service, Bridgetown.

Barbados

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DOLLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products	a/	27	20	22	22	a/	1596	1193	992	1249	a/	36001	30268	23062	28127
313 Beverages	b/	9	8	9	11	b/	567	525	600	620	b/	17019	16372	17400	17144
314 Tobacco	b/	..	..	..	..	b/	..	..	..	..	b/	..	..	..	..
321 Textiles	c/	5	4	2	3	c/	116	65	46	64	c/	1189	827	699	774
322 Wearing apparel, except footwear	c/	14	9	8	8	c/	1103	1774	1302	516	c/	10692	9113	7614	6186
323 Leather and fur products	c/	..	..	..	..	c/	..	..	..	..	c/	..	..	..	..
324 Footwear, except rubber or plastic	c/	..	..	..	..	c/	..	..	..	..	c/	..	..	..	..
331 Wood products, except furniture	d/	19	11	10	6	d/	278	192	61	32	d/	4069	2786	947	672
332 Furniture and fixtures, excl. metal	d/	..	..	..	..	d/	..	..	..	..	d/	..	..	..	..
341 Paper and products	e/	15	15	13	9	e/	642	686	549	603	e/	14310	16569	14698	14672
342 Printing and publishing	e/	..	..	..	..	e/	..	..	..	..	e/	..	..	..	..
351 Industrial chemicals	f/	14	11	12	12	f/	360	309	339	372	f/	10791	9906	10306	12641
352 Other chemicals	f/	5	3	7	5	f/	199	106	191	180	f/	5231	912	5608	2418
353 Petroleum refineries	f/	..	..	..	..	f/	..	..	..	..	f/	..	..	..	..
354 Misc. petroleum and coal products	f/	..	..	..	..	f/	..	..	..	..	f/	..	..	..	..
355 Rubber products	f/	..	..	..	..	f/	..	..	..	..	f/	..	..	..	..
356 Plastic products	f/	..	..	..	..	f/	..	..	..	..	f/	..	..	..	..
361 Pottery, china, earthenware	g/	..	..	..	..	g/	..	..	..	..	g/	..	..	..	..
362 Glass and products	g/	10	8	9	7	g/	334	386	288	264	g/	7582	10678	5964	6468
369 Other non-metallic mineral products	g/	..	..	..	..	g/	..	..	..	..	g/	..	..	..	..
371 Iron and steel	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
372 Non-ferrous metals	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
381 Fabricated metal products	h/	11	12	12	6	h/	650	596	516	301	h/	11772	12171	11131	7068
382 Non-electrical machinery	h/	6	3	5	7	h/	737	46	420	646	h/	7606	1194	6646	9611
383 Electrical machinery	h/	..	..	..	..	h/	..	..	..	..	h/	..	..	..	..
384 Transport equipment	i/	4	2	2	4	i/	106	76	168	219	i/	1362	1179	1322	2119
385 Professional and scientific equipment	i/	..	..	..	..	i/	..	..	..	..	i/	..	..	..	..
390 Other manufacturing industries	..	5	5	7	4	..	146	47	45	26	..	1630	666	748	398
3 Total manufacturing	a/	144	111	118	104	a/	6723	5997	5607	4984	a/	128964	114463	106134	106127

a/ Excluding sugar factories and refineries.
c/ 321 includes 323 and 324
e/ 341 includes 342
g/ 362 includes 369
i/ 384 includes 385.

b/ 313 includes 314.
d/ 331 includes 332
f/ 351 includes 353, 355 and 356.
h/ 382 includes 383

Barbados

ISIC Industry	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added		
	(thousand DOLLARS)					(thousand DOLLARS)				(percentage)		(percentage)		
	1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993	
311/2 Food Products	a/	252484	186582	110739	202784	a/	59858	41207	34307	46127	23.7	22.8	60.1	61.0
313 Beverages	b/	89076	86796	96128	100603	b/	22320	22348	22951	25896	28.1	25.8	76.2	66.2
314 Tobacco	b/	-	-	-	-	b/	-	-	-	-	-	-	-	-
321 Textiles	c/	3653	2824	2521	3381	c/	1188	908	901	1239	32.5	35.9	-	62.6
322 Wearing apparel, except footwear	c/	21198	21836	18687	9608	c/	10782	9076	8139	4810	60.8	60.1	98.4	-
323 Leather and fur products	c/	-	-	-	-	c/	-	-	-	-	-	-	-	-
324 Footwear, except rubber or plastic	c/	-	-	-	-	c/	-	-	-	-	-	-	-	-
331 Wood products, except furniture	d/	14148	8321	4012	3203	d/	6003	2301	1061	511	35.4	16.0	81.3	-
332 Furniture and fixtures, excl. metal	d/	-	-	-	-	d/	-	-	-	-	-	-	-	-
341 Paper and products	e/	57006	61033	63022	33014	e/	21667	23307	18663	13364	37.8	40.4	66.4	-
342 Printing and publishing	e/	-	-	-	-	e/	-	-	-	-	-	-	-	-
351 Industrial chemicals	f/	208453	209862	210890	239144	f/	18628	17443	17671	27433	8.9	11.6	67.9	46.2
352 Other chemicals	f/	35554	3966	48991	29771	f/	8273	1364	8872	6734	23.3	19.3	63.2	42.2
353 Petroleum refineries	f/	-	-	-	-	f/	-	-	-	-	-	-	-	-
354 Misc. petroleum and coal products	f/	-	-	-	-	f/	-	-	-	-	-	-	-	-
355 Rubber products	f/	-	-	-	-	f/	-	-	-	-	-	-	-	-
356 Plastic products	f/	-	-	-	-	f/	-	-	-	-	-	-	-	-
361 Pottery, china, earthenware	g/	-	-	-	-	g/	-	-	-	-	-	-	-	-
362 Glass and products	g/	32862	49264	24732	21407	g/	11434	11631	6767	4378	34.8	20.6	66.3	-
369 Other non-metallic mineral products	g/	-	-	-	-	g/	-	-	-	-	-	-	-	-
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-	-	-
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	h/	75030	78775	56626	62933	h/	20641	19697	13046	16170	27.4	30.6	67.3	43.6
382 Non-electrical machinery	h/	32167	6090	29987	42898	h/	7781	1931	10217	15827	24.2	36.9	96.6	60.1
383 Electrical machinery	h/	-	-	-	-	h/	-	-	-	-	-	-	-	-
384 Transport equipment	i/	4210	4027	3146	8836	i/	1660	1701	1831	2412	39.2	27.3	62.6	87.9
385 Professional and scientific equipment	i/	-	-	-	-	i/	-	-	-	-	-	-	-	-
390 Other manufacturing industries	-	3311	2603	2596	1996	-	1161	910	720	339	34.8	17.0	-	-
3 Total manufacturing	a/	829162	691739	656977	749428	a/	190164	153414	143946	164230	22.9	21.9	67.8	64.6

a/ Excluding sugar factories and refineries
c/ 321 includes 323 and 324
e/ 341 includes 342
g/ 362 includes 369
i/ 384 includes 385

b/ 313 includes 314.
d/ 331 includes 332.
f/ 351 includes 353, 355 and 356
h/ 382 includes 383.

Barbados

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand DOLLARS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products	a/	8241	12039	2336	5707		89	97	102	96	96	102	110	106	106	
313 Beverages	b/	8339	6793	7369	4848	b/	81	81	88	91	94	107	109	106	113	
314 Tobacco	b/	...	...	...	...		...	...	...	...	...	...	...	...	...
321 Textiles	c/	55	155	1	16		...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		281	291	84	-296		95	77	90	93	72	50	48	31	27	
323 Leather and fur products	c/	...	...	...	...		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	c/	...	...	...	...		...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	d/	601	82	4	-		...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal	d/	...	...	...	...		102	110	120	149	188	210	134	101	40
341 Paper and products	e/	2914	1638	460	1492		...	...	...	...	...	...	...	...	...
342 Printing and publishing	e/	...	...	...	...		...	...	...	...	...	...	...	...	...
351 Industrial chemicals	f/	6665	8857	2601	9890	g/	66	75	82	79	96	94	90	71	68	
352 Other chemicals		696	90	2733	399	g/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	f/	...	...	...	...		106	119	118	125	132	142	135	115	124
354 Misc. petroleum and coal products		...	...	...	...		...	...	...	...	...	...	...	...	...
355 Rubber products	f/	...	...	...	...		...	...	...	...	...	...	...	...	...
356 Plastic products	f/	...	...	...	...		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	...	...	...		...	...	...	...	...	...	...	...	...
362 Glass and products	h/	2558	1187	2037	159	h/	83	108	123	134	144	128	123	86	86	
369 Other non-metallic mineral products	h/	...	...	...	...	h/	...	...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...		...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		2149	2676	26	2103		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	i/	369	99	257	284		...	...	...	...	...	...	...	...	...
383 Electrical machinery	i/	...	...	...	...		122	126	41	43	47	61	45	65	55
384 Transport equipment	j/	286	55	18	24		...	...	...	...	...	...	...	...	...
386 Professional and scientific equipment	j/	...	...	...	...		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		388	156	81	82		71	85	91	103	115	122	123	112	107	
3 Total manufacturing	a/	31541	34118	17996	24708		...	...	...	...	...	...	...	...	...

a/ Excluding sugar factories and refineries.
 c/ 321 includes 323 and 324
 e/ 341 includes 342
 g/ 351 includes 352
 i/ 382 includes 383

l/ 313 includes 314.
 d/ 331 includes 332.
 f/ 361 includes 363, 365 and 366.
 h/ 362 includes 369.
 j/ 384 includes 385.

BELGIUM

Supplier of information:

Office national de sécurité sociale (ONSS), Ministère de l'emploi et du travail, Brussels.
Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

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

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Wages and salaries paid to employees does not include employers' social security contributions

Related national publications:

Belgium

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million FRANCS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		6997	6961	6860	6813		76	76	75			48558	52172	64399	66432
313 Beverages		212	217	197	198		13	13	12			10637	11107	11324	11206
314 Tobacco		55	55	55	43		5	5	4			3834	3768	3898	4033
321 Textiles		1211	1172	1141	1537		54	52	49			29057	29433	28788	30082
322 Wearing apparel, except footwear		2032	1991	1915	1314		35	34	33			14475	14460	14700	10851
323 Leather and fur products		139	128	126	108		2	2	3			1170	1162	1502	1464
324 Footwear, except rubber or plastic		98	93	91	80		2	2	1			741	715	696	576
331 Wood products, except furniture	a/	2520	2542	2550	3139		13	13	13		a/	19323	20536	21235	26860
332 Furniture and fixtures, excl. metal	a/	...	...	...	...		20	21	21		a/	...	...	...	...
341 Paper and products		308	307	292	289		18	18	17			14229	15252	16373	14250
342 Printing and publishing		2557	2654	2632	2551		35	34	34			28306	29277	29804	30656
351 Industrial chemicals	b/	807	784	780	778		79c/	78c/	78c/		b/	81728	86496	91431	91894
352 Other chemicals	b/	...	...	...	...		c/	c/	c/		b/	...	...	...	...
353 Petroleum refineries		21	21	21	61d/		c/	c/	c/			4187	4546	4743	7256
354 Misc petroleum and coal products		4	4	4	d/		c/	c/	c/			946	925	788	1686
355 Rubber products		98	100	103	98		6	6	6			3947	4055	4179	4087
356 Plastic products		587	573	582	585		19	19	19			14083	15220	16151	18453
361 Pottery, china, earthenware	e/	...	...	...	...		3	3	3		e/	...	...	...	...
362 Glass and products		144	144	149	157		13	13	13			10155	10462	10966	11102
369 Other non-metallic mineral products	e/	1254	1236	1236	1216		20	20	20		e/	18797	17497	18242	18246
371 Iron and steel	f/	153	159	154	290		40	39	37		f/	48736	49636	48893	50244
372 Non-ferrous metals	f/	...	...	...	...		12	12	10		f/	...	...	...	...
381 Fabricated metal products		3551	3714	3785	3439		260g/	255g/	248g/			48530	51953	52692	43274
382 Non-electrical machinery		882	898	891	1045		g/	g/	g/			38231	37911	37017	37667
383 Electrical machinery		936	936	971	791		g/	g/	g/			52015	52517	51354	47347
384 Transport equipment		531	537	549	528		g/	g/	g/			60925	60851	63492	63181
385 Professional and scientific equipment		484	476	486	506		g/	g/	g/			3554	3829	4539	5956
390 Other manufacturing industries		986	951	895	784		10	9	9			4950	4854	4796	5385
3 Total manufacturing		25647	26653	26466	26460		734	722	704			559294	578744	591112	590236

a/ 331 includes 332.
c/ 351 includes 352, 353 and 354.
e/ 369 includes 361.
g/ 381 includes 382, 383, 384 and 385.

b/ 351 includes 352.
d/ 353 includes 354.
f/ 371 includes 372.

Belgium

ISIC Industry	Output in producers' prices				Value added in factor values				Share of value added in output		Share of value added and salaries in value added			
	Note	(million FRANCS)				Note	(million FRANCS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products														
313 Beverages		91822	96370	100407	99312		194279	201169	204409	210184			25.0	26.4
314 Tobacco		56294	60081	61679	58626		22642	24062	25492	28077			46.6	44.7
							10360	10003	10269	9761			37.0	41.3
321 Textiles		240139	228158	235057	225639		68994	66086	67962	64700			28.7	28.7
322 wearing apparel, except footwear		89994	87656	90643	99929		30647	30097	31089	34314			33.9	34.3
323 Leather and fur products						a/							47.4	31.7
324 Footwear, except rubber or plastic		5007	4826	4948	3940		1659	1910	1969	1659			37.1	36.6
331 Wood products, except furniture		39945	38392	36286	36650		18818	15635	14753	14482			42.1	40.6
332 Furniture and fixtures, excl. metal		165524	170682	163786	158994		63914	66170	66931	64198			32.6	34.1
341 Paper and products		132822	128065	126497	111347		34828	33669	33134	29130			26.2	26.2
342 Printing and publishing		134616	136990	139491	161677		66041	66613	68072	63146			41.6	41.6
351 Industrial chemicals		453859	442657	480706	449754		149810	146079	160381	140670			33.0	31.3
352 Other chemicals		110914	123080	131302	134842		40062	42436	45308	46786			36.1	34.7
353 Petroleum refineries		197848	198346	172533	167256		16820	17634	16664	16164			8.0	9.1
354 Misc. petroleum and coal products	b/					b/								
355 Rubber products	b/	25133	24436	27979	21492		9090	9261	10691	8136			36.2	37.9
356 Plastic products						a/							47.4	60.7
361 Pottery, china, earthenware	c/	142675	136668	153164	154174		69666	67626	64643	66029			41.7	42.2
362 Glass and products	c/													
369 Other non-metallic mineral products	c/													
371 Iron and steel		239642	210502	187263	166199		77013	60304	67184	59627			32.1	36.9
372 Non-ferrous metals		160652	116556	110524	94966		38103	27426	26472	22746			23.7	24.0
381 Fabricated metal products	d/	1403462	1377196	1383733	1361304		448646	426206	414406	430436			32.0	31.6
382 Non-electrical machinery	d/													
383 Electrical machinery	d/													
384 Transport equipment	d/													
385 Professional and scientific equipment	d/													
390 Other manufacturing industries						a/	82280	93417	98164	91120				
3 Total manufacturing							1410660	1376660	1396642	1386242			39.6	42.6

a/ 390 includes 323 and 356
c/ 361 includes 362 and 369

b/ 353 includes 354
d/ 381 includes 382, 383, 384 and 385

Belgium

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million FRANCS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		33851	35139	37864	29566		121	125	129	133	142	147	152	154	156	
313 Beverages		10147	10247	11128	8354		101	101	102	101	98	104	99	101	94	
314 Tobacco		1454	1468	1594	1197		104	98	95	94	94	90	95	88	83	
321 Textiles		18886	17004	19203	14537		104	106	105	106	107	105	95	100	90	
322 Wearing apparel, except footwear		2714	3841	2960	2580		93	97	90	86	111	112	119	121	131	
323 Leather and fur products		58	88	62	53		118	96	82	78	80	77	66	53	56	
324 Footwear, except rubber or plastic		81	124	88	73		86	80	89	86	85	89	63	61	38	
331 Wood products, except furniture		2639	2558	2113	1728	a/	96	100	110	114	129	129	138	129	126	
332 Furniture and fixtures, excl metal		9967	8836	7570	6239	a/	...	...	...	...	...	...	...	...	...
341 Paper and products		9686	12366	9895	5892		113	115	126	138	140	147	143	149	137	
342 Printing and publishing		17627	16962	14627	11198		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		87901	72277	58531	48391	b/	119	123	124	131	131	139	139	165	160	
352 Other chemicals	c/	28107	22166	18106	14772	b/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	d/	16436	13042	10662	8694	d/	66	81	83	90	91	80	81	68	62	
354 Misc. petroleum and coal products	d/	...	...	...	...	d/	...	...	...	...	...	...	...	...	...
355 Rubber products		3631	2802	2288	1869		94	87	80	97	102	106	101	109	93	
356 Plastic products	c/	...	...	...	...		135	142	161	160	203	213	225	243	225
361 Pottery, china, earthenware	e/	19023	19333	14927	14489	e/	79	89	97	97	122	111	125	101	108	
362 Glass and products	e/	...	...	...	...	e/	72	71	79	89	94	93	78	88	90
369 Other non-metallic mineral products	e/	...	...	...	...	e/	74	77	78	89	108	88	80	79	77
371 Iron and steel		17642	21145	15993	11323		89	82	83	95	100	93	93	75	71	
372 Non-ferrous metals		4239	5082	3843	2721		100	98	101	111	118	122	112	109	104	
381 Fabricated metal products	f/	80106	98022	101006	60730		99	95	97	104	116	125	127	122	113	
382 Non-electrical machinery	f/	...	...	...	...		109	104	106	108	109	112	107	98	91
383 Electrical machinery	f/	...	...	...	...		94	97	96	97	107	106	104	97	97
384 Transport equipment	f/	...	...	...	...		120	129	128	152	133	154	148	146	141
385 Professional and scientific equipment	f/	...	...	...	...		122	110	92	91	76	91	96	96	86
390 Other manufacturing industries		1124	1016	932	540		...	...	...	...	...	...	...	...	...
3 Total manufacturing		365119	363518	333381	244926		106	107	110	116	121	125	124	124	120	

a/ 331 includes 332
c/ 352 includes 356
e/ 361 includes 362 and 369

b/ 351 includes 352.
d/ 353 includes 354.
f/ 381 includes 382, 383, 384 and 385.

BENIN

Supplier of information:

Institut national de la statistique et de l'analyse économique (INSAE), Cotonou.

Basic source of data:

Register of enterprises and national accounts report.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Répertoire des entreprises; Comptes consolidés du Bénin, both published by the Institut national de la statistique et de l'analyse économique (INSAE), Cotonou.

Benin

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million CFA FRANCS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products				96	96										
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				3	3										
3117 Bakery products				90	90										
3118 Sugar factories and refineries															
3119 Cocoa, chocolate and sugar confectionery															
3121 Other food products				2	2										
3122 Prepared animal feeds															
313 Beverages				2	2										
3131 Distilling, rectifying and blending spirits															
3132 Wine industries															
3133 Malt liquors and malt				1	1										
3134 Soft drinks and carbonated waters				1	1										
314 Tobacco				1	1										
321 Textiles				43	43										
3211 Spinning, weaving and finishing textiles				1	1										
3212 Made-up textile goods excl. wearing apparel															
3213 Knitting mills															
3214 Carpets and rugs															
3215 Cordage, rope and twine				42	42										
3219 Other textiles															
322 Wearing apparel, except footwear															
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				42	42										
3311 Sawmills, planing and other wood mills				1	1										
3312 Wooden and cane containers															
3319 Other wood and cork products				41	41										
332 Furniture and fixtures, excl. metal															
341 Paper and products				1	1										
3411 Pulp, paper and paperboard articles															
3412 Containers of paper and paperboard															
3419 Other pulp, paper and paperboard articles				1	1										
342 Printing and publishing				65	65										
351 Industrial chemicals				38	38										
3511 Basic chemicals excl. fertilizers				35	35										
3512 Fertilizers and pesticides				1	1										
3513 Synthetic resins and plastic materials				2	2										
352 Other chemicals				7	7										
3521 Paints, varnishes and lacquers				3	3										
3522 Drugs and medicines				2	2										
3523 Soap, cleaning preps, perfumes, cosmetics				2	2										
3529 Other chemical products															
350 Petroleum refineries															

354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3691 Structural clay products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	...	3	3	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	...	...	59	59	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3811 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	...	...	15	15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3813 Structural metal products	...	...	30	30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...	...	14	14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
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	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3844 Motorcycles and bicycles	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...

Benin

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million CFA FRANCS)					(million CFA FRANCS)				(percentage)		(percentage)	
		1990	1991	1992	1993a/		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		69803	74271	76209	72857		...	...	...	...	...	...	...
313 Beverages		12690	13982	16393	13657		...	...	...	...	...	...	...
314 Tobacco		87	160	227	152		...	...	...	...	...	...	...
321 Textiles		14152	19928	22624	18112		...	...	...	...	...	...	...
322 Wearing apparel, except footwear		9760	8899	10801	9991		...	...	...	...	...	...	...
323 Leather and fur products		530	483	586	543		...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		318	290	361	326		...	...	...	...	...	...	...
331 Wood products, except furniture		927	973	993	937		...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		2086	2190	2136	2084		...	...	...	...	...	...	...
341 Paper and products		232	243	248	234		...	...	...	...	...	...	...
342 Printing and publishing		1391	1460	1390	1381		...	...	...	...	...	...	...
351 Industrial chemicals		564	538	554	643		...	...	...	...	...	...	...
352 Other chemicals		4790	4573	4702	4613		...	...	...	...	...	...	...
353 Petroleum refineries		
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		282	269	277	271		...	...	...	...	...	...	...
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		18374	18924	22434	18881		...	...	...	...	...	...	...
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		3351	4626	4456	3950		...	...	...	...	...	...	...
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		

a/ Estimate

BOLIVIA

Supplier of information:

Instituto Nacional de Estadística, La Paz.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

The data refer to the business year or accounting period.

Scope:

Establishments with 15 or more persons engaged.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Encuesta Económica Anual, Industria Manufacturera, published by the Instituto Nacional de Estadística, La Paz.

Bolivia

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand BOLIVIANOS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		92	35	84	92	6458	6133	6601	7217		66650	69076	97012	101782	
3111 Slaughtering, preparing & preserving meat		19	18	18	21	1596	1538	1777	2117		8941	9943	14784	18944	
3112 Dairy products		9	7	7	9	651	640	812	810		5948	5495	8805	10428	
3113 Canning, preserving of fruits & vegetables		3	3	2	2	172	116	106	109		878	545	878	897	
3114 Canning, preserving and processing of fish															
3115 Vegetable and animal oil and fats		5	5	5	5	556	597	701	755		6745	8324	15043	11913	
3116 Grain mill products		10	15	15	17	499	454	451	501		4407	5436	5715	6860	
3117 Bakery products		14	16	16	16	656	721	790	831		3402	4171	5300	10750	
3118 Sugar factories and refineries		5	5	5	5	1718	1547	1398	1542		22626	30854	41819	36647	
3119 Cocoa, chocolate and sugar confectionery		6	6	6	5	154	185	200	152		811	747	953	740	
3121 Other food products		9	7	7	8	279	252	289	286		2399	2993	3290	3391	
3122 Prepared animal feeds		3	3	3	4	67	73	77	114		393	458	545	1212	
313 Beverages		40	40	40	42	3558	3802	3800	4336		42399	46097	63996	76883	
3131 Distilling, rectifying and blending spirits		7	5	6	8	325	297	311	408		2336	2243	2985	4328	
3132 Wine industries		1	1	2	2	16	16	94	31		108	150	1142	574	
3133 Malt liquors and malt		7	7	7	7	1421	1557	1522	1658		26452	28952	35179	44323	
3134 Soft drinks and carbonated waters		25	27	25	25	1806	1922	1873	2239		13493	16752	23690	26658	
314 Tobacco		1	1	1	1	154	158	162	169		1048	1480	2119	2678	
321 Textiles		40	37	35	37	3153	3106	3063	3307		15230	17606	24053	28325	
3211 Spinning, weaving and finishing textiles		21	21	21	21	2123	2129	2024	2182		10258	12341	16045	18518	
3212 Made-up textile goods excl. wearing apparel		5	4	4	4	319	252	299	375		1284	1501	1820	3035	
3213 Knitting mills		13	11	10	11	887	702	717	747		3600	3656	5969	6368	
3214 Carpets and rugs		1	1	1	1	24	23	23	23		98	108	119	400	
3215 Cordage, rope and twine															
3219 Other textiles															
322 Wearing apparel, except footwear		10	8	12	11	456	482	548	731		1894	2610	3668	3321	
323 Leather and fur products		14	13	14	16	637	666	710	741		4568	4498	5279	6392	
3231 Tanneries and leather finishing		12	11	12	14	554	584	629	660		4238	4083	4888	5943	
3232 Fur dressing and dyeing industries															
3233 Leather prod. excl. wearing apparel		2	2	2	2	73	82	81	81		330	416	391	449	
324 Footwear, except rubber or plastic		6	6	7	6	702	712	712	699		5160	6390	7506	7377	
331 Wood products, except furniture		36	32	35	32	2124	1853	2039	1926		12744	12302	13024	12463	
3311 Sawmills, planing and other wood mills		36	32	35	32	2124	1853	2039	1926		12744	12302	13024	12463	
3312 Wooden and cane containers															
3319 Other wood and cork products															
332 Furniture and fixtures, excl. metal		11	10	10	12	367	356	420	556		1050	1662	2096	2898	
341 Paper and products		3	3	4	5	218	255	322	432		1219	1504	2044	2615	
3411 Pulp, paper and paperboard articles		1	1	1	1	19	19	18	18		363	454	499	321	
3412 Containers of paper and paperboard															
3419 Other pulp, paper and paperboard articles		2	2	2	3	199	236	288	399		856	1050	1508	2016	
342 Printing and publishing		24	25	25	25	1618	1737	1633	1740		14523	19328	20870	26202	
351 Industrial chemicals		7	7	7	7	221	233	229	240		2114	2552	3082	3508	
3511 Basic chemicals excl. fertilizers		6	6	6	6	191	202	200	209		1922	2411	2901	3221	
3512 Fertilizers and pesticides															
3513 Synthetic resins and plastic materials		1	1	1	1	30	31	29	31		192	141	181	287	
352 Other chemicals		22	22	21	22	1368	1464	1515	1602		15569	19244	23646	27179	
3521 Paints, varnishes and lacquers		2	2	2	2	125	139	141	137		2109	2370	2154	2730	
3522 Drugs and medicines		12	13	12	13	877	935	940	1020		10413	13082	16977	18947	
3523 Soap, cleaning preps., perfumes, cosmetics		6	6	6	6	263	304	345	347		2144	2971	4209	4334	
3529 Other chemical products		2	1	1	1	103	85	88	98		903	821	1306	1168	
353 Petroleum refineries		3	3	3	3	574	592	602	1067		12276	15079	19003	37577	

354 Misc petroleum and coal products												
355 Rubber products	1	3	2	3	18	43	31	46	93	268	342	456
3551 Tyres and tubes	1	2	1	1	18	31	18	17	93	196	132	116
3559 Other rubber products	-	1	1	2	-	12	13	29	-	63	210	340
356 Plastic products	28	25	23	23	1112	1066	1131	1170	7083	8049	10161	11226
361 Pottery, china, earthenware	-	1	1	-	-	28	28	-	-	36	39	-
362 Glass and products	3	3	3	3	370	363	375	237	2524	3378	4162	1872
369 Other non-metallic mineral products	33	35	36	40	1898	2160	2158	2569	21035	26175	31464	42326
3691 Structural clay products	13	14	15	16	458	587	676	742	2272	2874	4180	4894
3692 Cement, lime and plaster	7	7	7	8	858	881	918	1048	14644	17663	21683	29988
3699 Other non-metallic mineral products	13	14	14	16	582	692	664	779	4119	5648	5601	7433
371 Iron and steel	2	2	2	3	62	77	106	228	288	472	429	1179
372 Non-ferrous metals	3	3	3	4	911	967	963	861	7916	11021	13841	16884
381 Fabricated metal products	26	20	21	22	704	634	747	688	3786	4376	6174	6078
3811 Cutlery, hand tools and general hardware	2	1	1	1	39	26	26	15	86	38	43	47
3812 Furniture and fixtures primarily of metal	7	5	6	6	193	132	237	146	853	447	1232	640
3813 Structural metal products	5	4	5	5	119	124	129	127	616	749	834	806
3819 Other fabricated metal products	12	10	9	10	353	362	356	400	2211	3142	4066	3586
382 Non-electrical machinery	5	4	5	5	153	126	157	154	1027	1086	1246	1974
3821 Engines and turbines	...	...	...	...	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	1	-	-	-	28	-	-	-	327	-	-	-
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	4	4	5	5	126	126	157	154	700	1086	1246	1974
383 Electrical machinery	8	6	6	7	241	230	200	364	1612	1602	1116	2247
3831 Electrical industrial machinery	-	1	1	1	-	59	16	16	-	598	90	93
3832 Radio, television and communication equipm.	3	3	3	3	119	128	134	143	538	739	824	745
3833 Electrical appliances and housewares	1	-	-	-	24	-	-	-	164	-	-	-
3839 Other electrical apparatus and supplies	4	2	2	3	98	43	61	196	910	166	202	1408
384 Transport equipment	6	5	6	4	343	306	331	301	2518	2717	2703	2702
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...	...	...	...	...
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	6	5	6	4	343	306	331	301	2518	2717	2703	2702
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	3	3	3	4	86	81	76	96	569	736	742	1626
3851 Prof. and scientific equipment n e c	2	2	2	3	66	60	61	80	477	622	639	1606
3852 Photographic and optical goods	1	1	1	1	21	21	16	16	92	113	103	121
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	1	5	4	3	15	432	429	438	53	1067	1966	2466
3901 Jewellery and related articles	-	2	2	2	-	385	388	416	-	890	1736	2362
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n e c	1	3	2	1	15	47	41	22	53	177	229	94
3 Total manufacturing	426	407	414	432	27631	28072	29166	31894	234796	280499	361861	428224

Bolivia

ISIC Industry	Output in producers' prices (thousand BOLIVIANOS)				Note	Value added in producers' prices (thousand BOLIVIANOS)				Share of wages and salaries in value added (percentage)	
	1989	1990	1991	1992		1989	1990	1991	1992	1989	1992
311/2 Food products	1075992	1371422	1827741	2047848		283783	329354	508929	555194	25.4	19.9
3111 Slaughtering, preparing & preserving meat	349804	418714	557082	640013		64001	490398	147789	264406	18.4	13.9
3112 Dairy products	770865	922335	140387	161246		24021	28821	47874	54223	35.4	21.2
3113 Canning, preserving and processing of fish	7115	8769	5994	7902		1692	2967	3297	3281	23.6	51.9
3114 Canning, preserving and processing of fish	177729	199428	296332	320328		27971	35773	68297	71252	15.7	24.1
3115 Vegetable and animal oils and fats	141488	185091	207349	235445		26897	28564	26897	28252	19.0	15.4
3117 Bakery products	54881	50885	66708	74706		14926	20490	19433	23418	27.2	22.4
3118 Sugar factories and refineries	232744	364215	399806	344856		108884	145043	178938	135206	46.5	41.7
3119 Cocoa, chocolate and sugar confectionery	5498	5839	6975	5781		10721	2077	2223	2637	31.3	47.1
3121 Other food products	2494	3088	35764	41385		10636	1426	14951	18129	42.6	22.6
3122 Prepared animal feeds	4747	5360	10574	18899		1694	1010	2823	3187	32.7	25.3
313 Beverages	382042	343703	647669	624464		191302	163006	316331	352000	50.1	22.2
3131 Distilling, rectifying and blending spirits	222890	248977	29334	39811		8263	10933	14334	19086	37.0	47.6
3132 Wine industries	854	1822	8748	3997		304	764	3623	2082	35.6	27.6
3133 Malt liquors and malt	241486	202204	384833	436416		139228	109727	284828	274017	57.7	82.1
3134 Soft drinks and carbonated waters	117413	114820	128734	144140		43919	45462	48466	68816	37.1	31.0
316 Tobacco	33581	37141	45341	55291		14866	16023	21103	28036	44.3	7.0
321 Textiles	139183	163770	189627	216282		46003	58178	64383	84660	32.3	33.6
3211 Spinning, weaving and finishing textiles	98809	111316	126363	147223		40934	47994	46791	58777	31.3	39.7
3212 Made-up textile goods excl. wearing apparel	11320	14801	20277	23809		4488	8274	6118	7188	39.6	30.1
3213 Knitting mills	27683	38096	42287	42287		9287	13423	12278	18628	34.0	44.1
3214 Carpets and rugs	1471	1959	1710	2443		214	182	196	287	14.6	11.7
3215 Cordage, rope and twine											
3219 Other textiles											
322 Wearing apparel, except footwear	13843	20016	22495	32346		5604	8167	8367	13444	40.6	41.6
323 Leather and fur products	58096	62812	72773	76830		19433	16604	19328	21543	26.6	28.1
3231 Tanneries and leather finishing	54850	59673	68704	72881		14137	15112	17403	20104	26.9	27.6
3232 Fur dressing and dyeing industries											
3233 Leather goods excl. wearing apparel	3546	3239	4069	3749		1296	1497	1926	1439	36.6	38.4
324 Footwear, except rubber or plastic	36384	55238	56536	71743		15509	28060	21722	23822	40.4	33.3
331 Wood products, except furniture	116834	113477	145084	135236		36493	34916	45429	45234	31.2	33.4
3311 Sawmills, planing and other wood mills	116834	113427	145084	135236		36493	34916	45429	45234	31.2	33.4
3312 Wooden and cane containers											
3319 Other wood and cork products											
332 Furniture and fixtures, excl. metal	5761	8013	10676	14633		2394	3204	3744	6091	41.6	41.6
341 Paper and products	14789	19217	29896	31670		5919	3920	14590	14642	40.0	46.2
3411 Pulp, paper and paperboard articles	4767	4711	7970	1946		1081	778	1472	846	22.3	28.1
3412 Containers of paper and paperboard											
3419 Other pulp, paper and paperboard articles	10022	14506	20176	28608		4866	3142	11970	13242	48.6	76.6
342 Printing and publishing	100683	117849	141611	165367		37426	37171	45347	63391	37.2	38.1
351 Industrial chemicals excl. fertilizers	10939	12342	17743	17650		9274	5768	8673	9477	48.2	53.7
3511 Basic chemicals excl. fertilizers	9334	10856	16208	16576		4636	5624	8061	9194	81.6	99.0
3512 Fertilizers and pesticides											
3513 Synthetic resins and plastic materials	1606	1486	2636	2072		439	244	822	283	27.4	13.7
352 Other chemicals	96202	120197	145418	160084		42091	48449	64996	67227	44.2	42.0
3521 Paints, varnishes and lacquers	16137	20181	23309	24079		4378	5718	4739	6568	26.8	27.3
3522 Drugs and medicines	53506	61741	73863	80746		27618	28416	32094	38423	51.7	49.3
3523 Soap, cleaning preps., perfumes, cosmetics	21121	34468	41907	45668		8010	12533	14044	18067	37.9	39.3
3529 Other chemical products	4436	3827	7309	9301		2136	1719	4118	4162	48.1	44.6
353 Petroleum refineries	989643	1381103	1933806	1824002		730818	1068292	1526847	1299703	73.8	71.3

Bolivia

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(thousand BOLIVIANOS)					(1980=100)							
		1989	1990	1991	1992		1986	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		67423	29200	65424	88776	a/	76	86	89	91	90	92	102	108
313 Beverages		4080	48666	41071	46100	a/	...	...	...	...	...	...	...	...
314 Tobacco		2309	-256	2212	1341	a/	...	...	...	...	...	...	...	...
321 Textiles		3766	7333	11677	16964	b/	64	67	62	61	43	41	44	60
322 Wearing apparel, except footwear		991	1617	692	2961	b/	71	80	68	69	81	87	96	98
323 Leather and fur products		1783	2363	4601	2909	b/	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		-198	123	-33	-86	b/	...	...	...	...	...	...	...	...
331 Wood products, except furniture		1182	6859	6870	6062		49	67	79	64	79	64	66	60
332 Furniture and fixtures, excl. metal		11	406	2009	1028		...	...	...	...	...	...	...	...
341 Paper and products		300	2372	1636	3744		...	...	...	...	...	...	...	...
342 Printing and publishing		3190	6372	2366	6688		48	39	46	61	63	66	76	78
351 Industrial chemicals		572	807	2660	1293	c/	86	86	89	79	87	98	101	99
352 Other chemicals		4179	6228	6186	9097	c/	...	...	...	...	...	...	...	...
353 Petroleum refineries		36267	13366	23029	41260	c/	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		c/	...	...	...	...	...	...	...	...
355 Rubber products		-9	4	94	70	c/	...	...	...	...	...	...	...	...
356 Plastic products		1806	4429	6609	4060	c/	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		-	11	-	-		...	...	...	...	...	...	...	...
362 Glass and products		38	242	301	410	d/	86	77	93	121	131	141	148	166
369 Other non-metallic mineral products		22666	12338	16806	16964	d/	...	...	...	...	...	...	...	...
371 Iron and steel		-	723	-	1009		...	...	...	...	...	...	...	...
372 Non-ferrous metals		2026	1702	1970	17466		64	38	14	27	48	66	78	86
381 Fabricated metal products		326	2094	1669	2419		24	30	34	47	64	38	40	46
382 Non-electrical machinery		-	6	263	429		...	...	...	...	...	...	...	...
383 Electrical machinery		764	262	366	3002		...	...	...	...	...	...	...	...
384 Transport equipment		-1844	1122	919	94		...	...	...	...	...	...	...	...
385 Professional and scientific equipment		-37	101	213	19		...	...	...	...	...	...	...	...
390 Other manufacturing industries		-	124	262	278		...	...	...	...	...	...	...	...
3 Total manufacturing		167447	149401	167631	276226		73	76	77	78	82	87	94	104

a/ 311/2 includes 313 and 314
c/ 351 includes 352, 353, 354, 355 and 356

b/ 321 includes 323 and 324.
d/ 362 includes 369.

BOTSWANA

Supplier of information:

Central Statistics Office, Ministry of Finance and Development Planning, Gaborone.

Basic source of data:

Survey of Employment and Earnings (bi-annually), Survey of Industrial Production (quarterly) and Census of Production and Distribution (annual).

Major deviations from current version of ISIC:

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.

Output and value added are gross output and total value added, respectively, and are derived from national accounts estimates.

Related national publications:

Statistical Bulletin (monthly); Employment Survey Report (annual); National Accounts of Botswana (annual), all published by the Central Statistics Office, Ministry of Finance and Development Planning, Gaborone.

Botswana

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid a/ to employees			
		(numbers)					(numbers)					(thousand PULA)			
		1990	1991	1992	1993a/		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		51	57	79	88		5200	5200	4900			55360	64020	69570	78300
313 Beverages		7	6	6	5		1300	1300	800						
314 Tobacco		-	-	-	-										
321 Textiles	b/	72	86	96	106		4200b/	4500b/	3800b/						
322 Wearing apparel, except footwear	b/						b/	b/	b/						
323 Leather and fur products	c/	17	18	18	19		600c/	600c/	600c/		c/	1160	1320	1440	1620
324 Footwear, except rubber or plastic	c/						c/	c/	c/		c/				
331 Wood products, except furniture	d/	25	25	29	36		1400d/	1800d/	1100d/		d/	4360	4960	5380	6050
332 Furniture and fixtures, excl. metal	d/						d/	d/	d/		d/				
341 Paper and products	e/	18	22	40	43		1500e/	1700e/	1400e/		e/	33910	38530	41890	47120
342 Printing and publishing	e/						e/	e/	e/		e/				
351 Industrial chemicals	f/	21	21	27	32		1000f/	1100f/	1100f/		f/	9180	10480	11340	12760
352 Other chemicals	f/						f/	f/	f/		f/				
353 Petroleum refineries															
354 Misc petroleum and coal products															
355 Rubber products	f/						f/	f/	f/		f/				
356 Plastic products	f/						f/	f/	f/		f/				
361 Pottery, china, earthenware															
362 Glass and products															
369 Other non-metallic mineral products															
371 Iron and steel															
372 Non-ferrous metals															
381 Fabricated metal products	g/	43	58	72	83		4500g/	4200g/	3200g/						
382 Non-electrical machinery	g/						g/	g/	g/						
383 Electrical machinery	g/						g/	g/	g/						
384 Transport equipment	g/						g/	g/	g/						
385 Professional and scientific equipment															
390 Other manufacturing industries		56	69	75	96		4600	5300	4900						
3 Total manufacturing		310	362	442	507		24300	25800	21800						

a/ Data are provisional
 c/ 323 includes 324
 e/ 341 includes 342
 g/ 381 includes 382, 383 and 384

b/ 321 includes 322
 d/ 331 includes 332
 f/ 351 includes 352, 355 and 356

Botswana

ISIC Industry	Note	Output (thousand PULA)				Note	Value added ^{a/} (thousand PULA)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products			180690	179330	203920	222320	...	...	36.1	36.2
313 Beverages	
314 Tobacco	
321 Textiles	
322 Wearing apparel, except footwear	
323 Leather and fur products		b/	1960	2180	2470	2700	...	...	59.6	60.0
324 Footwear, except rubber or plastic		b/	...	...	...	...	...	...	...	...
331 Wood products, except furniture		c/	8470	9480	10760	11730	...	...	51.6	51.6
332 Furniture and fixtures, excl metal		c/	...	...	...	...	...	...	...	...
341 Paper and products		d/	70760	79010	89840	97940	...	...	47.9	48.1
342 Printing and publishing		d/	...	...	...	...	...	...	...	...
351 Industrial chemicals		e/	26490	29680	33640	36670	...	...	34.7	34.8
352 Other chemicals		e/	...	...	...	...	...	...	...	...
353 Petroleum refineries	
354 Misc petroleum and coal products	
355 Rubber products		e/	...	...	...	...	...	...	...	...
356 Plastic products		e/	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	
362 Glass and products	
369 Other non-metallic mineral products	
371 Iron and steel	
372 Non-ferrous metals	
381 Fabricated metal products	
382 Non-electrical machinery	
383 Electrical machinery	
384 Transport equipment	
385 Professional and scientific equipment	
390 Other manufacturing industries	
3 Total manufacturing	

a/ Data are provisional
c/ 331 includes 332
e/ 351 includes 352, 355 and 356

b/ 323 includes 324
d/ 341 includes 342

Botswana

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production										
	Note	(thousand PULA)				Note	(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 wood products, except furniture		
332 Furniture and fixtures, excl. metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries		
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		

BULGARIA

Supplier of information:

Central Statistical Office of the Council of Ministers, Sofia.

Basic source of data:

Statistical reports collected regularly by the above office.

Major deviations from current version of ISIC:

The classification of all of the enterprise's primary and subsidiary units is determined by its basic activity. Where the enterprise engages in more than one kind of activity, the nature of the main product determines the classification; if no product accounts for more than 80 per cent of total output, the enterprise is classified under miscellaneous manufacturing. All activities of co-operatives are included in the miscellaneous manufacturing branch. Repair services for the general public are included in total manufacturing (ISIC major division 3). Publishing (part of ISIC 342) is not included in manufacturing.

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

Prior to 1992, all state and co-operative industrial enterprises with independent balance-sheets. Subsidiary industrial activity of non-industrial enterprises, industrial organizations and private enterprises are excluded. Beginning 1993, all enterprises. The index numbers of industrial production cover, in principle, all industrial establishments.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Prior to 1992, number of enterprises is as of 31 December of the reference year.

Figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Value added is gross value added in basic prices.

Gross fixed capital formation refers to the net increase in fixed assets other than land during the reference year. Valuation is at full original cost.

Related national publications:

Statisticheski Godishnik Na Narodna Republika Bulgaria (Statistical Yearbook of the People's Republic of Bulgaria), published by the Central Statistical Office of the Council of Ministers, Sofia.

Bulgaria

ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million LEVA)			
		1990	1991	1992	1993a/		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		221	286	333	3280		106.7	87.1	73.6	66.6		418.1	988.5	1772.1	2153.7
313 Beverages		74	67	96	1855		21.6	16.5	13.7	12.1		95.6	252.9	464.0	645.0
314 Tobacco		24	24	28	27		15.3	15.2	15.9	14.6		61.2	209.5	644.9	751.4
321 Textiles		150	153	160	643		112.0	87.9	73.7	64.5		419.8	816.9	1362.4	1711.4
322 wearing apparel, except footwear		98	99	138	2176		64.1	62.9	44.9	38.7		213.6	430.6	727.6	920.6
323 Leather and fur products		25	25	28	250		12.0	9.3	7.7	6.8		47.0	92.3	140.3	174.9
324 Footwear, except rubber or plastic		25	24	36	246		19.7	16.8	15.2	14.6		70.0	166.6	290.1	370.1
331 wood products, except furniture		61	60	74	1344		22.4	18.3	16.0	13.9		94.6	190.0	339.9	428.2
332 Furniture and fixtures, excl. metal		62	62	75	616		24.3	18.9	16.0	12.2		85.1	187.0	277.3	327.6
341 Paper and products		20	19	22	101		14.9	13.4	12.0	10.7		54.6	144.2	267.9	366.9
342 Printing and publishing		37	40	44	341		8.9	7.3	6.6	7.3		37.7	101.4	162.1	373.9
351 Industrial chemicals		18	16	18	79		32.7	29.0	24.1	22.9		165.4	391.2	786.4	1133.1
352 Other chemicals		52	51	64	256		31.6	26.0	24.3	22.9		130.7	361.9	674.9	1166.8
353 Petroleum refineries	b/	..	..	..	..	b/	..	..	..	..	b/	..	..	..	..
354 Misc. petroleum and coal products		6	6	7	15		14.1	14.4	13.9	13.6		..	..	..	1277.2
355 Rubber products		15	15	17	227		18.8	16.2	14.3	13.0		..	..	..	426.1
356 Plastic products		30	30	33	740		12.8	10.4	9.7	7.6		52.1	126.2	279.0	336.6
361 Pottery, china, earthenware		8	8	10	69		5.8	5.2	4.8	3.8		26.4	56.4	103.7	122.4
362 Glass and products		12	10	10	174		16.8	14.9	13.3	12.6		73.4	158.2	284.0	421.6
369 Other non-metallic mineral products		108	109	102	289		36.8	29.8	23.4	21.6		168.1	371.2	691.6	879.9
371 Iron and steel		10	10	9	18		25.9	21.8	26.4	26.6		142.2	330.6	1029.3	1666.6
372 Non-ferrous metals		9	9	11	38		12.3	11.2	10.6	10.6		64.7	172.9	397.0	661.0
381 Fabricated metal products		150	159	180	1266		82.2	66.0	51.1	44.9		335.6	718.8	1187.7	1469.6
382 Non-electrical machinery	c/	365	389	390	1940	c/	201.2	166.5	129.7	106.7	c/	843.2	1704.6	2917.0	3639.3
383 Electrical machinery		177	186	187	2943		145.2	114.2	87.4	66.2		566.1	1168.6	1767.9	2120.8
384 Transport equipment		142	122	122	2142		83.1	67.7	57.6	51.6		371.6	692.4	1643.6	2344.2
385 Professional and scientific equipment	c/	..	..	..	..	c/	..	..	..	..	c/	..	..	..	..
390 Other manufacturing industries		566	622	439	3996		179.8	130.6	98.5	92.9		..	..	..	2192.0
3 Total manufacturing	b/	2456	2601	2621	25059	b/	1320.0	1066.6	883.3	767.0	b/	6318.3	11613.7	20762.0	27898.6

a/ Prior to 1993, state and co-operative enterprises only. Beginning 1993, all enterprises dealing with industrial activity.
b/ Total manufacturing excludes 353
c/ 382 includes 385.

Bulgaria

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million LEVA)					(million LEVA)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		9893	23350	31395	36483		...	9432a/	12791a/	13554a/	...	...	...	...
313 Beverages		1592	4811	7232	8839		...	...a/	...a/	...a/	...	...	...	...
314 Tobacco		1805	8048	10843	8188		...	...a/	...a/	...a/	...	...	...	...
321 Textiles		3316	6676	9244	9893		...	2017	2888	3372	...	34.1	...	50.8
322 Wearing apparel, except footwear		1489	2547	3588	4182		...	1180	1719	2358	...	56.6	...	38.9
323 Leather and fur products		410	920	1331	1399		...	650b/	1141b/	1352b/	...	...	...	...
324 Footwear, except rubber or plastic		433	1071	1883	2264		...	...b/	...b/	...b/	...	...	...	...
331 Wood products, except furniture	c/	634	1963	2621	3091	c/	...	1342d/	1811d/	2683d/	...	...	...	...
332 Furniture and fixtures, excl. metal		614	1504	2048	2514		...	...d/	...d/	...d/	...	...	...	...
341 Paper and products		636	3122	2835	3575		...	751	497	907	...	25.4	...	40.4
342 Printing and publishing		326	1317	942	2898		...	415	755	1052	...	36.6	...	35.2
351 Industrial chemicals		1420	9067	11208	9396		...	8499e/	13543e/	12834e/	...	...	...	...
352 Other chemicals		1566	8389	8523	8811		...	...e/	...e/	...e/	...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...e/	...e/	...e/	...	...	...	...
354 Misc. petroleum and coal products	f/	2677	13675	18217	21525		...	...e/	...e/	...e/	...	...	...	...
355 Rubber products		717	2075	2741	2441		...	...e/	...e/	...e/	...	...	...	...
356 Plastic products		659	1962	2976	2987		...	...e/	...e/	...e/	...	...	...	...
361 Pottery, china, earthenware		144	460	800	980		...	380g/	747g/	1032g/	...	...	...	...
362 Glass and products		415	1293	1802	2302		...	...g/	...g/	...g/	...	...	...	...
369 Other non-metallic mineral products		1557	3843	4825	5667		...	1251	1634	2299	...	40.6	...	36.6
371 Iron and steel		1607	9280	8663	13195	h/	...	619	1616	2833	...	21.6	...	64.9
372 Non-ferrous metals		841	3880	5364	5978	h/	...	1290	2183	3126	...	52.3	...	20.8
381 Fabricated metal products		2222	5708	8062	7446		...	8631i/	10882i/	12725i/	...	...	...	...
382 Non-electrical machinery	j/	6084	10398	11941	13543		...	...i/	...i/	...i/	...	...	...	...
383 Electrical machinery		4060	11150	11428	11520		...	5615	5355	5232	...	45.4	...	40.5
384 Transport equipment		2993	6232	7821	9230		...	...i/	...i/	...i/	...	...	...	...
385 Professional and scientific equipment	j/	...	...	...	...		...	...i/	...i/	...i/	...	...	...	...
390 Other manufacturing industries		4403	8353	11234	14353		...	989	1888	2848	...	19.8	...	77.0
3 Total manufacturing	f/	52513	151094	189449	212700	h/	...	43061	59340	68237	...	...	...	...

a/ 311/2 includes 313 and 314

c/ including logging

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

g/ 361 includes 362.

i/ 381 includes 382, 384 and 385.

b/ 323 includes 324.

d/ 331 includes 332.

f/ Total manufacturing excludes 353.

h/ including ore extraction.

j/ 382 includes 385.

Bulgaria

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million LEVA)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food products		192.4	563.4	10433.7	3026.0		104	107	106	109	112	102	73	...
313 Beverages		29.9	166.4	4372.2	1171.9		116	109	109	117	114	110	...	...
314 Tobacco		10.6	74.3	4828.8	922.4		111	107	109	110	103	82	99	...
321 Textiles		184.2	563.7	8538.1	2270.1		111	114	121	125	132	130	89	...
322 Wearing apparel, except footwear		32.5	291.7	1536.1	536.2		121	148	145	158	163	177	152	...
323 Leather and fur products		19.2	48.1	580.6	213.5		131	133	139	145	159	133	108	...
324 Footwear, except rubber or plastic		29.3	50.8	614.4	206.1		140	150	161	180	211	182	157	...
331 Wood products, except furniture		33.3	27.5	1919.0	976.4		104	102	104	108	109	97	68	...
332 Furniture and fixtures, exc. metal		22.1	33.9	913.7	752.9		149	156	166	170	174	151	140	...
341 Paper and products		71.9	119.7	1415.6	2311.8		118	116	117	123	117	94	67	...
342 Printing and publishing		13.2	73.0	850.4	282.3		109	109	113	114	130	130	140	...
351 Industrial chemicals		119.3	632.4	13753.4	2883.4		142	140	133	134	136	124	102	...
352 Other chemicals		82.2	106.2	5160.6	2138.8		167	197	204	211	214	166	209	...
353 Petroleum refineries	a/	...	...	...	...		...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		12.2	121.7	10809.0	533.4		...	...	...	...	...	...	...	...
355 Rubber products		40.6	22.8	3836.3	702.1		142	151	162	171	178	146	107	...
356 Plastic products		35.8	48.8	2071.8	963.6		...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		21.5	71.6	774.1	65.6		91	101	111	121	117	130	123	...
362 Glass and products		40.1	9.5	1315.0	1227.8		116	113	115	114	113	110	84	...
369 Other non-metallic mineral products		73.2	65.2	2406.6	1890.0		108	115	111	110	102	83	61	...
371 Iron and steel		81.9	33.2	4197.9	880.5		115	119	120	123	119	66	37	...
372 Non-ferrous metals		24.6	72.0	4241.6	113.2		...	...	...	...	...	...	...	...
381 Fabricated metal products		44.4	248.4	5386.4	1957.9		124	127	134	139	114	101	99	...
382 Non-electrical machinery	b/	253.6	908.3	16952.3	10601.0		...	...	...	...	...	...	...	...
383 Electrical machinery		133.6	366.7	8792.0	3607.4		167	170	202	223	199	155	110	...
384 Transport equipment		96.1	496.5	7133.2	4404.8		128	130	133	135	146	121	80	...
385 Professional and scientific equipment	b/	...	...	...	...		...	...	...	...	...	...	...	...
390 Other manufacturing industries		89.9	143.5	1971.9	828.0		91	92	94	103	108	100	74	...
3 Total manufacturing	a/	1787.6	5319.3	125803.7	45466.0		...	...	...	...	...	...	...	...

a/ Total manufacturing excludes 353.

b/ 382 includes 385.

CAMEROON

Supplier of information:

Direction de la statistique et de la comptabilité nationale, Ministère de l'économie et du plan, Yaoundé.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond with the current version of the ISIC. 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.

Reference period (if not calendar year):

Fiscal year ending 30 June of the year indicated.

Scope:

All industrial enterprises in the modern sector which keep accounting records.

Method of enumeration:

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

Adjusted for non-response:

No.

Concepts and definitions of variables:

Output 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.

Value added 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.

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 du plan, Yaoundé.

Cameroon

ISIC Industry	Number of enterprises				Note	Number of employees				Note	Wages and salaries paid to employees (million CFA FRANCS)						
	Note	(numbers)				Note	(numbers)				Note	(million CFA FRANCS)					
		1990	1991	1992			1993	1990	1991			1992	1993	1990	1991	1992	1993
311/2 Food Products		38	89	70	53		14818	16668	14318	7928		16443	18160	16269	7844		
313 Beverages		7	13	11	11		7127	8568	6968	4476		23066	22581	17663	20698		
314 Tobacco		3	3	3	3		1044	1042	969	854		2976	3013	2813	3036		
321 Textiles		14a/	6	7	5		5029a/	3743	3668	1879		10092a/	8447	7697	4066		
322 Wearing apparel, except footwear		a/	11	7	11		a/	427	349	825		a/	766	583	1247		
323 Leather and fur products	b/	7	10	6	5	b/	709	996	606	247	b/	1327	1487	489	238		
324 Footwear, except rubber or plastic	b/					b/					b/						
331 Wood products, except furniture	c/	25	31	29	23	c/	6809	6602	6361	6239	c/	12414	10366	9719	9164		
332 Furniture and fixtures, excl. metal	c/					c/					c/						
341 Paper and products		8	8	10	11		654	749	803	882		1267	1581	1887	2279		
342 Printing and publishing		8	14	14	11		1289	1264	1179	1131		2948	2776	2298	2368		
351 Industrial chemicals	d/	15	22	23	21	d/	1649	1936	2026	1810	d/	4496	4988	4932	4617		
352 Other chemicals	d/					d/					d/						
353 Petroleum refineries	e/	2	2	2	3	e/	476	629	602	666	e/	3826	3929	4042	3864		
354 Misc. petroleum and coal products	e/					e/					e/						
355 Rubber products	f/	15	13	13	11	f/	6957	20050	19822	17669	f/	6216	13636	12460	11214		
356 Plastic products	f/					f/					f/						
361 Pottery, china, earthenware	g/	2	2	3	2	g/	697	677	692	644	g/	3396	3167	3342	3530		
362 Glass and products	g/					g/					g/						
369 Other non-metallic mineral products	g/					g/					g/						
371 Iron and steel	h/	5	6	7	6	h/	1420	1113	1466	1342	h/	6636	6703	6696	6886		
372 Non-ferrous metals	h/					h/					h/						
381 Fabricated metal products	i/	12	14	10	9	i/	829	636	420	349	i/	2108	1593	894	708		
382 Non-electrical machinery	i/					i/					i/						
383 Electrical machinery		8	5	6	4		690	469	726	319		1660	1306	1606	466		
384 Transport equipment		4	7	6	5		260	441	277	264		698	1287	671	627		
385 Professional and scientific equipment		-	-	-	-		-	-	-	-		-	-	-	-		
390 Other manufacturing industries		1	4	4	5		234	363	227	322		729	878	718	866		
3 Total manufacturing		174	260	230	199		60491	63239	69266	46726		100096	106634	96048	82696		

a/ 321 includes 322
c/ 331 includes 332
e/ 353 includes 354
g/ 361 includes 362 and 369
i/ 381 includes 382.

b/ 323 includes 324.
d/ 361 includes 362.
f/ 355 includes 356.
h/ 371 includes 372.

Cameroon

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million CFA FRANCS)					(million CFA FRANCS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		103091	101261	76313	36397		50420	34758	28116	8615	48.9	23.7	32.6	91.1
313 Beverages		148617	123842	117108	99900		80085	60988	54571	17584	53.9	17.6	28.8	
314 Tobacco		20306	20409	22301	22319		6292	3468	6017	7031	31.0	31.5	47.3	43.2
321 Textiles		67999a/	42296	41019	28936		-30870a/	15066	10485	13180		45.6		30.8
322 Wearing apparel, except footwear	a/		3328	2836	5700			1164	-20	1520		26.7		42.0
323 Leather and fur products	b/	5722	6085	2187	1616	b/	2122	1877	371	608	37.1	37.6	62.5	39.1
324 Footwear, except rubber or plastic	b/					b/								
331 Wood products, except furniture	c/	66159	40637	46922	45487	c/	23588	25120	8491	14026	35.7	30.8	62.6	65.3
332 Furniture and fixtures, excl metal	c/					c/								
341 Paper and products		11012	9718	12218	14020		2988	3367	2851	3694	27.0	26.3	42.7	61.7
342 Printing and publishing		5654	4948	3318	2593		1584	2389	2094	2088	29.8	80.6		
351 Industrial chemicals	d/	33536	33359	34492	31149	d/	10232	12416	11849	10106	30.5	32.4	43.9	44.7
352 Other chemicals	d/					d/								
353 Petroleum refineries	e/	106397	84997	59603	68714	e/	30931	19624	11055	16700	29.1	22.8	12.4	24.6
354 Misc petroleum and coal products	e/					e/								
355 Rubber products	f/	17527	25830	28762	23767	f/	7029	17976	11894	13938	40.1	58.7	88.4	80.6
356 Plastic products	f/					f/								
361 Pottery, china, earthenware	g/	22184	21628	22918	20969	g/	8074	8706	10393	9633	36.4	46.0	42.0	36.6
362 Glass and products	g/					g/								
369 Other non-metallic mineral products	g/					g/								
371 Iron and steel	h/	68131	59920	59523	51024	h/	14397	11797	8690	7070	21.1	13.9	45.4	83.3
372 Non-ferrous metals	h/					h/								
381 Fabricated metal products	i/	16178	10636	3306	2310	i/	13133	2599	1253	788	81.2	33.2	16.1	92.2
382 Non-electrical machinery	i/					i/								
383 Electrical machinery		10380	7974	10022	1604		2449	2461	2701	520	23.6	32.4	57.8	85.6
384 Transport equipment		3084	3767	2918	2696		711	466	261	67	23.1	2.6	84.1	
385 Professional and scientific equipment														
390 Other manufacturing industries		3780	3761	4732	6096		1612	1929	2930	2398	42.6	47.1	46.2	36.7
3 Total manufacturing		709754	603196	550498	464275		224857	226067	174301	128546	31.7	27.7	44.5	64.3

a/ 321 includes 322.

c/ 331 includes 332.

e/ 353 includes 354.

g/ 361 includes 362 and 369.

i/ 381 includes 382.

b/ 323 includes 324.

d/ 351 includes 352.

f/ 355 includes 356.

h/ 371 includes 372.

Cameroon

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million CFA FRANCS)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		8896	6093	10326	3032	...	...	...	...	...	...	...	...	...
313 Beverages		8353	7159	4206	20844	...	...	...	...	...	...	...	...	...
314 Tobacco		3927	493	1131	1198	...	...	...	...	...	...	...	...	...
321 Textiles		43189a/	2306	2776	3886	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear	a/	...	34	96	93	...	...	...	...	...	...	...	...	...
323 Leather and fur products	b/	31893	951	5001	91	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	72528	4214	2366	3294	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		2310	212	1014	740	...	...	...	...	...	...	...	...	...
342 Printing and publishing		259	675	35	434	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	d/	2062	1631	1144	1023	...	...	...	...	...	...	...	...	...
352 Other chemicals	d/	...	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	e/	2062	3435	4383	2244	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	e/	...	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	f/	5286	4409	4856	6553	...	...	...	...	...	...	...	...	...
356 Plastic products	f/	...	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	g/	636	200	307	426	...	...	...	...	...	...	...	...	...
362 Glass and products	g/	...	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	g/	...	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	h/	1561	3348	14916	1561	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals	h/	...	...	...	...	210	194	168	196	212	216	209	...	...
381 Fabricated metal products	i/	9258	350	716	543	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	i/	...	...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery	...	249	132	410	117	...	...	...	...	...	...	...	...	...
384 Transport equipment	...	114	154	69	54	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...	-	-	-	-	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	82	57	1663	2097	...	...	...	...	...	...	...	...	...
3 Total manufacturing	...	192664	35853	65404	48229	...	...	...	...	...	...	...	...	...

a/ 321 includes 322.
c/ 331 includes 332.
e/ 353 includes 354.
g/ 361 includes 362 and 369.
i/ 381 includes 382.

b/ 323 includes 324.
d/ 351 includes 352.
f/ 355 includes 356.
h/ 371 includes 372.

CANADA

Supplier of information:

Statistics Canada, Ottawa.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Census of manufactures.

Major deviations from current version of ISIC:

Data have been regrouped to ISIC(Rev.2) from the Canadian Standard Industrial Classification (1980), which has been in use since 1983. There are no major deviations from the current version of the ISIC.

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

All establishments.

Method of enumeration:

Not reported

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees refers to the average number of employees throughout the year, whether full-or part-time.

Wages and salaries paid to employees 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.

Output 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.

Value added 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.

Related national publications:

Annual Census of Manufactures, published by Statistics Canada, Ottawa.

Canada

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million DOLLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		3397	3178	3068	3008		198	192	196	189		6639	6662	6906	6876
3111 Slaughtering, preparing & preserving meat		632	607	576	567		46	45	46	46		1302	1304	1361	1348
3112 Dairy products		339	316	308	291		26	26	26	23		823	847	866	842
3113 Canning, preserving of fruits & vegetables		226	205	204	199		18	17	19	18		497	491	632	601
3114 Canning, preserving and processing of fish		460	434	426	428		28	26	24	22		666	637	614	467
3115 Vegetable and animal oils and fats		10	11	10	10		1	1	1	1		36	34	34	36
3116 Grain mill products		69	58	59	60		6	5	6	5		220	227	231	242
3117 Bakery products		652	582	556	540		31	29	30	29		466	467	934	918
3118 Sugar factories and refineries		7	7	7	7		2	2	2	2		69	71	73	79
3119 Cocoa, chocolate and sugar confectionery		109	102	97	88		9	9	9	10		264	271	307	338
3121 Other food products		379	366	345	343		23	23	24	24		719	740	782	826
3122 Prepared animal feeds		514	485	480	478		9	9	9	8		277	263	281	289
313 Beverages		260	234	214	194		24	22	27	27		947	996	1164	1168
3131 Distilling, rectifying and blending spirits		24	22	20	20		4	3	3	3		174	170	149	141
3132 Wine industries		42	43	39	34		1	1	1	1		45	46	48	47
3133 Malt liquors and malt		54	43	45	44		13	12	12	12		528	667	633	666
3134 Soft drinks and carbonated waters		140	121	109	96		6	6	11	11		200	222	424	424
314 Tobacco		18	16	17	17		5	5	5	5		242	262	263	268
321 Textiles		1337	1206	1117	1067		72	69	62	60		1799	1766	1701	1736
3211 Spinning, weaving and finishing textiles		384	338	326	303		26	24	22	21		709	668	648	661
3212 Made-up textile goods excl. wearing apparel	a/	716	649	590	569	a/	29	29	26	26	a/	709	733	704	723
3213 Knitting mills		199	184	169	167		12	12	11	10		240	248	229	241
3214 Carpets and rugs		38	35	32	28		5	4	4	4		141	116	120	121
3215 Cordage, rope and twine	a/					a/					a/				
3219 Other textiles	a/					a/					a/				
322 Wearing apparel, except footwear		2656	2274	2033	1826		94	84	76	76		1799	1663	1661	1639
323 Leather and fur products		204	165	150	135		5	5	4	3		109	94	80	75
3231 Tanneries and leather finishing		42	33	26	22		1	1	1	1		31	26	24	26
3232 Fur dressing and dyeing industries	b/					b/					b/				
3233 Leather prod. excl. wearing apparel		162	132	124	113		4	4	3	2		78	69	66	60
324 Footwear, except rubber or plastic		134	107	100	95		11	9	9	10		234	194	196	210
331 Wood products, except furniture		2672	2426	2288	2201		103	91	94	100		3265	2948	3136	3436
3311 Sawmills, planing and other wood mills		2435	2215	2093	2013		99	87	91	97		3168	2860	3062	3362
3312 Wooden and cane containers		209	184	168	162		3	3	2	2		73	70	67	68
3319 Other wood and cork products		28	27	27	26		1	1	1	1		14	16	17	18
332 Furniture and fixtures, excl. metal		2607	2258	2074	1965		66	56	49	60		1641	1336	1268	1297
341 Paper and products		715	668	667	651		114	109	104	101		4639	4648	4666	4878
3411 Pulp, paper and paperboard articles		146	155	156	158		78	75	70	68		3497	3626	3402	3428
3412 Containers of paper and paperboard		276	258	263	249		19	18	19	18		644	631	668	663
3419 Other pulp, paper and paperboard articles		293	255	248	244		17	16	16	16		496	492	606	497
342 Printing and publishing		5522	5067	4894	4665		142	134	129	126		4661	4679	4619	4476
351 Industrial chemicals		475	446	435	436		33	32	31	31		1649	1602	1496	1496
3511 Basic chemicals excl. fertilizers		210	202	198	196		22	21	20	17		1067	1039	999	880
3512 Fertilizers and pesticides		165	153	162	160		4	4	4	6		164	160	162	199
3513 Synthetic resins and plastic materials		100	91	85	91		7	7	7	9		318	313	336	416
352 Other chemicals		1154	1034	1003	960		66	66	66	66		2343	2410	2463	2526
3521 Paints, varnishes and lacquers		140	129	131	127		8	7	8	7		281	268	268	263
3522 Drugs and medicines		136	122	117	119		20	21	21	22		734	616	661	903
3523 Soap, cleaning preps., perfumes, cosmetics		240	209	206	192		18	16	16	16		574	612	531	642
3529 Other chemical products		638	574	550	522		22	23	23	22		764	626	613	616
353 Petroleum refineries		62	61	60	62		16	14	12	13		766	721	667	721

354 Misc petroleum and coal products		92	92	102	108		3	2	3	3		89	78	92	92
355 Rubber products		178	172	176	173		25	23	23	23		839	802	835	843
3551 Tyres and tubes		....	....	....	....		....	....	....	....		....	....	....	....
3559 Other rubber products		....	....	....	....		....	....	....	....		....	....	....	....
356 Plastic products		1369	1276	1223	1221		62	60	60	62		1633	1601	1640	1766
361 Pottery, china, earthenware		48	39	37	34		1	1	1	1		35	34	38	28
362 Glass and products		196	174	163	155		12	11	10	10		387	366	349	352
369 Other non-metallic mineral products		1447	1380	1350	1330		41	38	34	32		1385	1258	1181	1155
3691 Structural clay products		60	57	50	48		3	3	2	2		104	90	85	88
3692 Cement, lime and plaster		34	34	35	34		4	4	4	4		182	178	178	174
3699 Other non-metallic mineral products		1353	1289	1265	1251		34	31	28	26		1102	990	918	893
371 Iron and steel		214	195	192	187		53	51	47	46		2261	2270	2180	2197
372 Non-ferrous metals		279	259	246	230		44	41	40	39		1901	1861	1953	1899
381 Fabricated metal products		3913	3653	3467	3287		135	123	109	106		4023	3767	3452	3356
3811 Cutlery, hand tools and general hardware		337	305	286	272		11	10	9	8		296	278	267	269
3812 Furniture and fixtures primarily of metal		140	126	119	109		7	7	6	6		197	186	166	167
3813 Structural metal products		1371	1295	1245	1185		48	44	37	36		1482	1404	1222	1127
3819 Other fabricated metal products		2065	1927	1817	1721		69	62	57	57		2048	1899	1798	1803
382 Non-electrical machinery		4694	4345	4157	4000		148	138	128	129		4624	4477	4309	4538
3821 Engines and turbines	c/	3010	2810	2661	2575	c/	82	78	71	71		2600	2457	2343	2458
3822 Agricultural machinery and equipment		238	219	213	196		10	8	8	9		278	234	242	261
3823 Metal and wood working machinery		615	572	552	526		15	14	12	14		487	485	459	614
3824 Other special industrial machinery		606	555	541	521		25	22	20	20		821	736	670	694
3825 Office, computing and accounting machinery		225	189	190	182		15	16	17	15		538	556	596	611
3829 Other non-electrical machinery & equipment	c/	....	....	....	....	c/	....	....	....	....		....	....	....	....
383 Electrical machinery		1378	1281	1223	1176		123	114	110	104		4023	3909	3993	3676
3831 Electrical industrial machinery		339	331	327	317		29	26	24	24		881	844	818	830
3832 Radio, television and communication equipm	d/	829	566	541	523	d/	64	60	62	58		2200	2191	2380	2286
3833 Electrical appliances and housewares		61	55	52	48		4	4	3	3		122	97	91	88
3839 Other electrical apparatus and supplies		349	329	303	288		26	24	21	19		820	777	707	672
384 Transport equipment		1469	1346	1273	1224		204	188	192	187		7574	7283	7570	8006
3841 Shipbuilding and repairing		373	306	287	250		16	13	14	12		526	455	511	478
3842 Railroad equipment		28	27	23	22		7	7	7	7		259	270	263	272
3843 Motor vehicles		854	800	758	748		133	123	127	130		4923	4757	5084	5594
3844 Motorcycles and bicycles	e/	....	....	....	....	e/	....	....	....	....		....	....	....	....
3845 Aircraft		199	199	189	182		48	43	42	36		1791	1745	1746	1690
3849 Other transport equipment		15	14	16	22		2	2	2	2		66	66	66	74
385 Professional and scientific equipment		526	469	448	397		17	15	14	13		635	520	489	472
3851 Prof and scientific equipment n.e.c.		289	261	247	233		14	13	12	11		451	437	414	398
3852 Photographic and optical goods		220	191	184	147		3	3	2	2		77	75	67	67
3853 Watches and clocks		17	17	17	17		-	-	-	-		7	8	8	7
390 Other manufacturing industries		2848	2520	2334	2157		49	45	39	38		1138	1082	1015	1008
3901 Jewellery and related articles		408	342	323	304		5	5	4	5		136	132	109	116
3902 Musical instruments	d/	....	....	....	....	d/	....	....	....	....		....	....	....	....
3903 Sporting and athletic goods	e/	244	214	202	198	e/	7	7	7	8		167	163	172	205
3909 Manufacturing industries, n.e.c.	b/	2196	1964	1809	1655	b/	36	33	28	25		833	787	734	687
3 Total manufacturing		39864	36339	34511	32943		1867	1738	1675	1648		59991	58084	58158	58979

a/ 3212 includes 3215 and 3219.
c/ 3821 includes 3829.
e/ 3903 includes 3844

b/ 3909 includes 3232.
d/ 3832 includes 3902.

Canada

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million DOLLARS)					(million DOLLARS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		46020	45730	46870	48570	14820	15480	16200	15900	32.2	32.7	38.0	36.9	
3111 Slaughtering, preparing & preserving meat		12350	11740	11570	12400	2550	2650	2750	2700	20.7	21.8	50.9	49.9	
3112 Dairy products		8840	8840	9190	8970	2680	2680	2480	2290	30.3	28.5	30.7	36.8	
3113 Canning, preserving of fruits & vegetables		3890	3950	3870	4070	1620	1820	1760	1840	41.6	48.2	30.7	27.2	
3114 Canning, preserving and processing of fish		3870	3800	3450	3570	1090	1110	1000	980	28.2	27.6	51.8	46.6	
3115 Vegetables and animal oils and fats		920	960	1100	1230	140	130	209	170	16.2	13.8	26.0	21.2	
3116 Grain mill products		1750	1750	1720	1820	730	760	820	830	41.7	46.6	30.1	29.2	
3117 Bakery products		3900	4010	4070	4220	1980	2090	2170	2250	50.8	53.3	43.8	40.8	
3118 Sugar factories and refineries		630	540	570	630	200	190	210	250	31.7	39.7	34.6	31.6	
3119 Cocoa, chocolate and sugar confectionery		1450	1510	1780	1870	680	710	860	860	46.9	46.0	38.8	39.3	
3121 Other food products		5270	5630	6470	6500	2390	2680	3220	2940	46.4	46.2	30.1	28.1	
3122 Prepared animal feeds		3150	3000	3080	3290	750	690	740	790	23.8	24.0	36.9	36.6	
313 Beverages		5960	6180	6760	6970	3440	3620	4140	4210	57.7	60.4	27.6	27.7	
3131 Distilling, rectifying and blending spirits		940	910	840	830	560	570	580	540	61.7	66.1	30.0	26.1	
3132 Wine industries		250	270	300	310	130	130	160	160	52.0	48.4	34.6	31.3	
3133 Malt liquors and malt		2970	3130	3990	3280	2120	2320	2290	2440	71.4	74.4	24.9	22.8	
3134 Soft drinks and carbonated waters		1800	1870	2530	2550	610	600	1120	1080	33.9	42.4	32.8	39.3	
314 Tobacco		2830	2890	3030	2910	1140	1200	1270	1220	40.3	41.9	21.2	21.1	
321 Textiles		8380	7880	7860	8210	3470	3340	3420	3500	41.4	43.8	51.8	48.2	
3211 Spinning, weaving and finishing textiles		3210	2970	2820	2880	1460	1360	1350	1410	45.6	49.0	48.6	46.2	
3212 Made-up textile goods excl wearing apparel	a/	3230	3160	3320	3570	1310	1330	1400	1500	40.6	42.0	54.1	48.2	
3213 Knitting mills		990	990	970	1000	440	440	440	450	44.4	45.0	54.6	53.6	
3214 Carpets and rugs		950	760	750	760	260	210	230	240	27.4	31.6	54.2	50.4	
3215 Cordage, rope and twine	z/													
3219 Other textiles	a/													
322 Wearing apparel, except footwear		6960	6280	6110	6220	3300	3010	2870	2860	47.4	46.0	54.6	53.8	
323 Leather and fur products		470	360	350	330	190	160	140	140	40.4	42.4	57.4	53.6	
3231 Tanneries and leather finishing		200	140	130	150	60	40	40	50	30.0	33.3	51.7	50.0	
3232 Fur dressing and dyeing industries														
3233 Leather prods excl wearing apparel	b/	270	220	220	180	130	110	100	90	48.1	50.0	60.0	55.6	
324 Footwear, except rubber or plastic		840	710	710	770	390	330	340	360	46.4	46.8	60.0	58.3	
331 Wood products, except furniture		14600	12870	14780	18990	5210	4580	5620	7880	35.7	41.5	62.5	43.6	
3311 Sawmills, planing and other wood mills		14280	12590	14500	18580	5090	4460	5500	7750	36.6	41.8	62.2	43.4	
3312 Wooden and cane containers		270	230	230	250	100	90	90	100	37.0	40.0	73.0	68.0	
3319 Other wood and cork products		50	50	50	60	20	30	30	30	40.0	60.0	70.0	60.0	
332 Furniture and fixtures, excl metal		5150	4340	4320	4570	2620	2160	2200	2310	50.9	50.5	58.8	56.1	
341 Paper and products		24490	21490	21130	22080	10210	7890	7590	7890	41.7	36.7	46.4	58.0	
3411 Pulp, paper and paperboard articles		18830	16010	15690	16380	8040	5770	5530	5670	42.7	34.6	43.6	60.5	
3412 Containers of paper and paperboard		3020	2850	2920	2950	1120	1070	1100	1120	37.1	38.0	57.6	58.3	
3419 Other pulp, paper and paperboard articles		2640	2630	2520	2750	1050	1050	960	1100	39.8	40.0	47.4	46.2	
342 Printing and publishing		14380	13700	13480	13560	8960	8510	8620	8500	62.2	62.7	52.3	52.7	
351 Industrial chemicals		14940	13080	12880	14070	5610	4380	4660	5010	37.6	36.6	27.6	29.8	
3511 Basic chemicals excl fertilizers		9610	8380	7970	7750	3900	2960	3030	3210	40.6	41.4	27.4	27.4	
3512 Fertilizers and pesticides		1720	1470	1510	1820	560	480	520	500	33.7	33.0	28.3	33.2	
3513 Synthetic resins and plastic materials		3610	3230	3400	4500	1130	950	1010	1200	31.3	26.7	26.1	34.7	
352 Other chemicals		13590	13630	14210	16000	7300	7430	7600	7850	53.7	52.3	32.1	32.2	
3521 Paints, varnishes and lacquers		1820	1720	1800	1870	830	790	830	830	46.6	44.4	33.9	31.7	
3522 Drugs and medicines		4490	4660	5040	5490	2930	3000	3140	3370	66.3	61.4	26.1	26.8	
3523 Soap, cleaning preps, perfumes, cosmetics		3230	3070	3070	3190	1760	1660	1660	1690	54.6	53.0	32.6	32.1	
3529 Other chemical products		4050	4180	4300	4450	1780	1980	1980	1960	44.0	44.0	42.4	41.7	
353 Petroleum refineries		19630	17730	17370	17380	2850	2380	2040	2260	13.6	12.8	28.9	32.0	

354 Misc. petroleum and coal products		840	760	780	780		340	270	330	310	40.5	39.7	26.2	29.7
355 Rubber products		3800	3510	4710	6110		1630	1510	2030	2140	42.9	35.0	51.5	39.4
3551 Tyres and tubes		....	....	....	....		....	....	....	....	....	....	....	....
3559 Other rubber products		....	....	....	....		....	....	....	....	....	....	....	....
356 Plastic products		7720	7230	7460	8490		3380	3230	3460	3760	43.8	44.3	48.3	47.0
361 Pottery, china, earthenware		130	120	130	110		80	70	70	60	51.5	54.5	43.8	46.7
362 Glass and products		1610	1420	1410	1330		750	660	500	700	45.5	52.5	51.5	50.3
369 Other non-metallic mineral products		6790	5650	5280	5410		3270	2580	2510	2640	48.2	48.8	42.4	43.8
3691 Structural clay products		440	350	350	350		250	200	190	190	55.8	54.3	41.5	45.3
3692 Cement, lime and plaster		1210	980	960	980		730	580	550	580	60.3	59.2	24.9	30.0
3699 Other non-metallic mineral products		5140	4320	3970	4080		2290	1900	1770	1870	44.5	45.8	48.1	47.8
371 Iron and steel		10000	9420	9440	11070		3770	3490	3570	4320	37.7	39.0	60.0	50.9
372 Non-ferrous metals		9690	9040	8890	9110		3760	3430	3320	3470	38.8	38.1	50.5	54.7
381 Fabricated metal products		17050	14910	14100	14330		7530	6660	6260	6290	44.2	43.9	53.4	53.4
3811 Cutlery, hand tools and general hardware		1010	920	940	950		550	510	490	510	54.5	53.7	53.8	52.7
3812 Furniture and fixtures primarily of metal		790	580	580	590		390	340	330	320	49.4	47.8	50.5	49.1
3813 Structural metal products		5620	4980	4300	4250		2590	2350	2020	1930	47.9	45.4	55.1	55.4
3819 Other fabricated metal products		9630	5330	8180	8460		3900	3460	3420	3530	40.5	41.7	52.5	51.1
382 Non-electrical machinery		19840	17990	18150	19870		8840	7810	7900	9130	45.0	45.9	52.3	49.7
3821 Engines and turbines	c/	9720	9450	9440	10220	c/	4570	4500	4520	5020	47.0	49.1	54.7	49.0
3822 Agricultural machinery and equipment		1280	820	910	1180		510	350	470	570	47.7	48.3	45.5	45.8
3823 Metal and wood working machinery		1200	1060	1110	1370		780	670	730	900	55.0	55.7	52.4	57.1
3824 Other special industrial machinery		3710	2870	2820	2990		1590	1200	1140	1360	42.9	45.2	51.5	51.4
3825 Office, computing and accounting machinery		3730	3790	4070	4110		1290	1090	1040	1290	34.5	31.4	41.7	47.4
3829 Other non-electrical machinery & equipment	c/	....	....	....	....	c/	....	....	....	....	....	....	....	....
383 Electrical machinery		17140	18040	18830	19120		8710	8060	8270	8520	50.8	44.5	45.2	45.5
3831 Electrical industrial machinery		3360	3150	3050	3400		1640	1480	1470	1560	48.8	48.8	53.7	50.0
3832 Radio, television and communication equipm.	d/	8810	10570	12000	11840	d/	4800	4830	5220	5170	54.5	43.7	45.8	44.2
3833 Electrical appliances and housewares		550	490	400	370		280	240	170	160	50.9	43.2	43.5	55.0
3839 Other electrical apparatus and supplies		4420	3830	3380	3510		1990	1510	1410	1530	45.0	43.5	41.2	43.9
384 Transport equipment		55240	54510	59480	55560		15480	15570	15520	19430	24.9	22.7	45.0	41.2
3841 Shipbuilding and repairing		1980	1740	1390	1450		810	770	740	920	40.9	53.0	54.9	51.7
3842 Railroad equipment		1590	1340	1470	1360		520	550	550	520	39.0	38.2	43.4	52.3
3843 Motor vehicles		55120	55360	60580	75850		11500	10850	11550	14510	20.5	18.9	42.8	38.5
3844 Motorcycles and bicycles	e/	....	....	....	....	e/	....	....	....	....	....	....	....	....
3845 Aircraft		6220	5830	5490	5190		3400	3120	3240	3130	54.7	50.3	52.7	50.8
3849 Other transport equipment		330	340	550	790		150	150	240	350	45.5	44.3	43.3	21.1
385 Professional and scientific equipment		2030	2020	1880	1950		1080	1130	1050	1130	53.2	57.9	49.5	41.8
3851 Prof and scientific equipment n.e.c		1710	1700	1570	1550		920	970	900	970	53.8	58.8	49.0	41.0
3852 Photographic and optical goods		280	280	270	250		140	140	130	140	50.0	53.8	55.0	47.9
3853 Watches and clocks		40	40	40	40		20	20	20	20	50.0	50.0	35.0	35.0
390 Other manufacturing industries		3810	3620	3510	3550		1990	1870	1870	1890	52.2	53.1	57.1	53.3
3901 Jewellery and related articles		500	430	390	420		240	200	190	190	48.0	45.2	55.7	51.1
3902 Musical instruments	d/	....	....	....	....	d/	....	....	....	....	....	....	....	....
3903 Sporting and athletic goods	e/	810	750	840	990	e/	350	320	370	440	44.4	44.4	45.4	45.5
3909 Manufacturing industries, n.e.c.	b/	2500	2430	2280	2150	b/	1390	1350	1310	1250	55.5	55.5	59.9	54.5
3 Total manufacturing		344730	325210	333910	366530		130910	120890	124450	133770	38.0	35.5	45.8	44.1

a/ 3212 includes 3215 and 3219
c/ 3821 includes 3829
e/ 3903 includes 3844

b/ 3909 includes 3232
d/ 3832 includes 3902

Canada

ISIC Industry	Gross fixed capital formation a/					Index numbers of industrial production										
	Note	(million DOLLARS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		1031	...	...	...		111	111	111	111	107	109	108	110	112
313 Beverages		367	...	...	...		95	89	91	94	95	91	82	85	86
314 Tobacco			71	67	71	73	67	65	63	59	60	
321 Textiles		346	...	...	...		104	115	115	117	116	109	104	105	111
322 Wearing apparel, except footwear		50	...	...	...		76	103	107	104	103	98	89	85	87
323 Leather and fur products		4	...	...	...	b/	87	81	75	73	75	63	48	42	43
324 Footwear, except rubber or plastic		10	...	...	...		111	113	106	96	90	80	65	63	58
331 Wood products, except furniture		629	...	...	...		124	125	144	147	144	132	118	126	132
332 Furniture and fixtures, excl. metal		64	...	...	...	c/	113	119	119	115	115	107	89	86	85
341 Paper and products		4292	...	...	...		97	102	108	109	104	101	98	96	101
342 Printing and publishing		607	...	...	...		109	112	112	118	121	119	106	100	96
351 Industrial chemicals		1395	...	...	...	d/	123	127	140	156	154	158	154	155	158
352 Other chemicals		453	...	...	...	d/	114	114	120	123	127	125	118	124	128
353 Petroleum refineries		1001	...	...	...		96	92	97	99	103	110	107	105	109
354 Misc. petroleum and coal products		11	...	...	...		123	159	153	162	182	178	152	174	161
355 Rubber products		497	...	...	...		138	120	125	132	128	125	112	121	136
356 Plastic products		215	...	...	...		167	167	181	192	200	184	171	179	195
361 Pottery, china, earthenware		12	...	...	...	e/	92	100	110	113	111	100	82	77	75
362 Glass and products		191	...	...	...		126	119	127	122	116	105	97	103	113
369 Other non-metallic mineral products		338	...	...	...	e/	...	...	...	...	...	...	...	...	...
371 Iron and steel		731	...	...	...		98	93	99	107	105	93	87	87	98
372 Non-ferrous metals		2172	...	...	...		125	124	142	145	139	138	147	151	164
381 Fabricated metal products		328	...	...	...	c/	95	99	105	105	110	102	90	85	90
382 Non-electrical machinery		502	...	...	...	f/	120	128	132	149	154	151	140	139	158
383 Electrical machinery		600	...	...	...	f/	114	118	129	135	143	141	131	136	139
384 Transport equipment		1592	...	...	...		141	135	135	150	158	158	144	148	152
385 Professional and scientific equipment		83	...	...	...		102	106	113	117	115	113	124	124	130
390 Other manufacturing industries			109	92	94	100	102	104	100	94	95	
3 Total manufacturing		17678	...	...	...		111	113	119	125	125	122	113	114	120

a/ Data are based on the 1970 edition of national classification.
c/ 332 includes manufacture of metal furniture and fixtures.
e/ 361 includes 369.

b/ Excluding fur dressing and dyeing industries.
d/ 352 includes synthetic resins and plastic materials.
f/ 383 includes electronic computers and their accessories.

CENTRAL AFRICAN REPUBLIC

Supplier of information:

Direction de la statistique générale et des études économiques, Ministère du plan, des statistiques et de la coopération internationale, Bangui.

Basic source of data:

Industrial survey.

Major deviations from current version of ISIC:

Data are available only by broad groupings of industries because of disclosure regulations.

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

All industrial enterprises in the modern sector which keep accounting records.

Method of enumeration:

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

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Enquête sur les entreprises du secteur moderne (annual), published by the Direction de la statistique générale et des études économiques, Ministère du plan, des statistiques et de la coopération internationale, Bangui.

Central African Republic

ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million CFA FRANCS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products	a/	10	11	11	11	a/	999	1301	1239	1099	a/	2102	2434	2269	1642
313 Beverages	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
321 Textiles	b/	5	3	3	3	b/	1202	1479	858	575	b/	1818	1904	971	549
322 Wearing apparel, except footwear	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
323 Leather and fur products	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
324 Footwear, except rubber or plastic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
331 Wood products, except furniture	c/	9	11	11	9	c/	1552	2044	1922	2139	c/	1299	1613	1285	1476
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
341 Paper and products	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
342 Printing and publishing	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
351 Industrial chemicals	d/	9	9	9	9	d/	281	319	293	376	d/	430	486	350	346
352 Other chemicals	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
353 Petroleum refineries	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
356 Plastic products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
369 Other non-metallic mineral products	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	e/	3	3	3	3	e/	138	137	120	121	e/	251	219	200	167
382 Non-electrical machinery	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
383 Electrical machinery	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
384 Transport equipment	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
385 Professional and scientific equipment	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	-	5	5	5	6	-	181	139	136	126	-	298	343	296	162
3 Total manufacturing	-	41	42	42	41	-	4353	5419	4568	4436	-	6196	6999	5372	4342

a/ 311/2 includes 313 and 314
c/ 331 includes 332, 341 and 342
e/ 381 includes 382, 383 and 384.

b/ 321 includes 322 and 323.
d/ 351 includes 352.

Central African Republic

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million CFA FRANCS)					(million CFA FRANCS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products	a/	15456	18478	17128	16341	a/	8255	9712	8410	9085	53.4	55.6	25.5	18.1
313 Beverages	a/	...	...	...	...	a/	...	...	...	...	...	...	...	...
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	...	...	...	...
321 Textiles	b/	8343	8994	5774	1476	b/	394	1086	1231	344	4.7	23.3	...	...
322 Wearing apparel, except footwear	b/	...	...	...	...	b/	...	...	...	...	...	...	...	...
323 Leather and fur products	b/	...	...	...	...	b/	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	...	...	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	9180	11592	6094	7876	c/	3809	4503	805	1271	41.5	16.1	34.1	...
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
341 Paper and products	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
342 Printing and publishing	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
351 Industrial chemicals	d/	3016	3281	3037	2491	d/	850	1076	954	964	28.2	38.7	50.6	35.9
352 Other chemicals	d/	...	...	...	...	d/	...	...	...	...	...	...	...	...
353 Petroleum refineries	...	...	...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	...	...	...	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	...	...	...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals	...	...	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	e/	2199	1965	1846	1773	e/	550	442	401	321	25.0	18.1	45.6	52.0
382 Non-electrical machinery	e/	...	...	...	...	e/	...	...	...	...	...	...	...	...
383 Electrical machinery	e/	...	...	...	...	e/	...	...	...	...	...	...	...	...
384 Transport equipment	e/	...	...	...	...	e/	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	e/	...	...	...	...	e/	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	974	720	763	466	...	472	280	310	159	48.5	34.1	63.1	...
3 Total manufacturing	...	39168	45030	34642	30423	...	14330	16899	12111	12144	36.6	39.9	43.3	35.8

a/ 311/2 includes 313 and 314
 c/ 331 includes 332, 341 and 342
 e/ 381 includes 382, 383 and 384

b/ 321 includes 322 and 323.
 d/ 351 includes 352.

Central African Republic

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million CFA FRANCS)					(1980=100)							
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		770a/	1105a/	894a/	...	...	...	...	...	...	...	...	...	...
313 Beverages		...a/	...a/	...a/	...	116	117	124	120	136	133	116	116	82
314 Tobacco		...a/	...a/	...a/	...	...	...	...	...	...	...	...	...	...
321 Textiles		295b/	-602b/	290b/	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...b/	...b/	...b/	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...b/	...b/	...b/	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	
331 Wood products, except furniture		1876c/	1973c/	1306c/	...	79	77	62	72	81	91	116	98	83
332 Furniture and fixtures, excl. metal		...c/	...c/	...c/	...	...	...	...	...	...	...	...	...	...
341 Paper and products		...c/	...c/	...c/	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		...c/	...c/	...c/	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		1371d/	153d/	177d/	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		...d/	...d/	...d/	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	
354 Misc. petroleum and coal products	
355 Rubber products	
356 Plastic products	
361 Pottery, china, earthenware		-	-	-
362 Glass and products		-	-	-
369 Other non-metallic mineral products		-	-	-
371 Iron and steel		-	-	-
372 Non-ferrous metals		-	-	-
381 Fabricated metal products		6e/	56e/	23e/	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...e/	...e/	...e/	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		...e/	...e/	...e/	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		...e/	...e/	...e/	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		-	-	-
390 Other manufacturing industries		33	24	13	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		4351	2709	2702	...	...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313 and 314.
 c/ 331 includes 332, 341 and 342.
 e/ 381 includes 382, 383 and 384.

b/ 321 includes 322 and 323.
 d/ 351 includes 352.

CHILE

Supplier of information:

Instituto Nacional de Estadísticas, Santiago.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Establishments with 50 or more persons engaged. The index numbers of industrial production cover, in principle, all establishments employing 10 or more persons. While, aside from the index numbers of industrial production, the data reported in the tables relate only to establishments with 50 or more persons engaged, the survey itself also includes all establishments with 10 or more persons engaged.

Method of enumeration:

Not reported.

Adjusted for non-response:

No.

Concepts and definitions of variables:

Number of employees is the average of the numbers for the months of February, May, August and November.

Output includes gross revenues from goods shipped in the same condition as received.

Related national publications:

Industrias Manufactureras (annual), published by the Instituto Nacional de Estadísticas, Santiago.

Chile

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees					
		(numbers)					(numbers)					(million PESOS)					
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992		
310 Industry																	
311 Food Products		379	390	418	424		71899	75279	80636	84603		69753	92460	120866	157924		
3111 Slaughtering, preparing & preserving meat		55	51	51	51		9356	9678	9728	9894		8061	11191	14924	18984		
3112 Dairy products		27	30	31	33		6559	6657	6755	8301		7788	10274	13498	18660		
3113 Canning, preserving of fruits & vegetables		42	46	51	52		9997	12464	15621	16044		5885	8372	13859	19115		
3114 Canning, preserving and processing of fish		87	97	103	110		16169	16740	17221	18689		12323	17964	19493	27968		
3115 Vegetable and animal oils and fats		52	49	54	50		10789	10232	10680	10185		15826	18591	24466	27551		
3116 Grain mill products		21	19	24	23		1838	1735	2167	1887		2028	2772	4342	4630		
3117 Bakery products		48	52	56	58		7089	7157	7006	7479		5288	6233	8006	11069		
3118 Sugar factories and refineries		5	5	5	5		2202	2134	2035	2073		2388	2994	3849	5091		
3119 Cocoa, chocolate and sugar confectionery		12	11	10	10		3446	3574	3922	4664		3660	6121	6677	9854		
3121 Other food products		23	22	24	23		3664	4070	4425	4394		5777	7813	9933	12742		
3122 Prepared animal feeds		7	8	9	9		790	848	1178	1093		769	1125	1820	2260		
313 Beverages		56	53	55	51		10648	10242	11120	11635		12833	18343	27302	30720		
3131 Distilling, rectifying and blending spirits		7	6	5	4		971	1022	1063	1081		984	1430	2259	2803		
3132 Wine industries		20	20	21	19		3643	3312	3523	3877		3008	3767	5281	6565		
3133 Malt liquors and malt		8	8	9	8		1826	1836	2003	2014		2816	3918	5267	6086		
3134 Soft drinks and carbonated waters		21	19	20	20		4208	4072	4531	4663		6026	9220	14496	16165		
314 Tobacco		2	2	3	3		643	665	703	679		1400	1740	2478	3022		
32 Textiles		124	135	131	135		26230	26208	26883	26976		21539	27598	36614	44206		
3211 Spinning, weaving and finishing textiles		59	65	63	64		19289	18704	18321	17879		16638	20753	27133	32276		
3212 Made-up textile goods excl. wearing apparel		8	7	8	8		745	604	757	768		592	629	1269	1154		
3213 Knitting mills		50	56	53	55		5661	6449	6325	6714		4009	5673	7519	9744		
3214 Carpets and rugs		1	1	1	3		60	70	83	263		44	75	110	464		
3215 Cordage, rope and twine		3	3	3	2		270	187	185	134		159	214	280	240		
3219 Other textiles		3	3	3	3		206	194	212	228		197	284	303	327		
322 Wearing apparel, except footwear		112	106	115	120		17562	17316	18033	19349		12242	15183	22409	27998		
323 Leather and fur products		16	19	18	18		1742	1938	2194	2017		1598	2098	3531	3801		
3231 Tanneries and leather finishing		12	13	14	14		1368	1432	1731	1550		1361	1748	2938	3034		
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-		
3233 Leather goods excl. wearing apparel		4	6	4	4		374	606	463	467		237	360	593	767		
324 Footwear, except rubber or plastic		55	61	64	67		10843	11338	11883	12557		7807	10113	14429	18289		
33 Wood products, except furniture		122	126	120	126		20705	21226	19809	20691		14520	20298	24357	31030		
3311 Sawmills, planing and other wood mills		105	105	100	103		17966	17497	16558	17467		13027	17660	21224	27407		
3312 Wooden and cane containers		13	17	15	18		1852	2758	2358	2320		1003	2036	2174	2606		
3319 Other wood and cork products		4	4	5	5		897	961	913	904		490	703	969	1118		
332 Furniture and fixtures, excl. metal		33	34	34	38		5147	5026	5264	5934		3680	4703	6340	8920		
34 Paper and products		36	33	40	41		8728	9011	10496	11583		13991	17283	24626	34334		
3411 Pulp, paper and paperboard articles		12	12	13	13		4526	4767	5422	6877		9067	11224	16523	21895		
3412 Containers of paper and paperboard		14	12	16	14		2690	2481	2972	3011		2680	3201	4869	6111		
3419 Other pulp, paper and paperboard articles		10	9	11	14		1512	1763	2102	2595		2244	2868	3234	6328		
342 Printing and publishing		51	49	53	60		8572	8533	8990	9874		12412	17375	24612	35167		
35 Industrial chemicals		21	25	28	30		3220	3620	4000	4898		6467	9262	13438	17876		
3511 Basic chemicals excl. fertilizers		14	18	22	23		1966	2416	2772	2754		4830	7213	10853	12653		
3512 Fertilizers and pesticides		1	1	-	3		117	86	-	1419		139	85	-	3127		
3513 Synthetic resins and plastic materials		6	6	6	4		1137	1118	1228	725		1498	1964	2586	2096		
352 Other chemicals		92	96	95	102		16293	16535	16688	17337		30102	39006	52370	61924		
3521 Paints, varnishes and lacquers		12	15	16	15		1676	1879	2042	2062		2582	3846	5568	6767		
3522 Drugs and medicines		35	35	35	37		5874	5666	5919	6001		12262	15023	20565	23738		
3523 Soap, cleaning preps., perfumes, cosmetics		21	24	23	23		4786	5272	5485	4222		8447	12534	16768	12693		
3529 Other chemical products		24	22	21	27		3967	3718	3242	6062		6811	7602	9469	18826		
353 Petroleum refineries		2	2	2	2		1218	1242	1284	1316		5096	6116	7736	8980		

354 Misc petroleum and coal products	10	9	11	8	1488	1510	1460	1074	2978	2206	2730	2856
355 Rubber products	18	17	20	19	3272	3022	3346	3686	4300	5442	7667	9663
3551 Tyres and tubes	4	4	5	5	1164	1389	1497	1521	2411	3617	4996	6941
3559 Other rubber products	14	13	15	14	2108	1633	1849	2065	1889	1926	2672	3622
356 Plastic products	78	87	93	98	9599	10746	11241	12957	8144	13002	17607	26779
361 Pottery, china, earthenware	7	8	7	8	3584	2094	2613	2794	2168	1148	2644	3816
362 Glass and products	11	11	10	11	2059	1988	1972	2216	2662	3287	4541	6078
369 Other non-metallic mineral products	40	41	48	46	6170	5900	6750	7525	9379	12263	17797	23654
3691 Structural clay products	10	12	13	13	1442	1538	1663	1773	1839	2137	3286	3706
3692 Cement, lime and plaster	7	5	5	5	1748	1358	1826	1666	4039	5401	7332	9290
3699 Other non-metallic mineral products	23	24	30	28	2980	3004	3541	4087	3701	4716	7179	10668
371 Iron and steel	22	20	17	20	7869	7931	7540	7500	14716	17886	22031	26054
372 Non-ferrous metals	24	23	23	22	8908	8507	8608	7884	20666	26276	35042	40860
381 Fabricated metal products	139	143	147	150	19070	21310	20220	21427	19734	29314	34666	46880
3811 Cutlery, hand tools and general hardware	10	12	12	12	1415	1499	1489	1236	1316	1911	2316	2499
3812 Furniture and fixtures primarily of metal	8	8	9	10	948	790	918	1068	971	826	1279	1602
3813 Structural metal products	48	52	55	62	6999	8425	7498	8468	6786	12417	12780	17690
3819 Other fabricated metal products	73	71	71	66	9708	10696	10316	10667	10663	14160	18290	24089
382 Non-electrical machinery	72	73	72	71	13339	12379	12739	12458	21696	27410	35434	41491
3821 Engines and turbines	1	1	1	2	68	53	135	130	66	62	193	250
3822 Agricultural machinery and equipment	3	3	3	3	262	202	201	229	242	241	332	466
3823 Metal and wood working machinery	4	5	6	7	538	383	379	493	1286	837	1216	1227
3824 Other special industrial machinery	17	16	14	11	3540	2989	3102	2720	8406	9692	13268	13982
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	47	48	47	48	8931	8762	8922	8886	11696	16678	20406	26666
383 Electrical machinery	29	26	27	29	4075	3930	3696	4386	6376	7969	10274	12617
3831 Electrical industrial machinery	8	8	8	8	1164	1229	1219	1330	2027	2666	3420	4330
3832 Radio, television and communication equipm	3	2	2	3	442	159	179	257	750	430	637	676
3833 Electrical appliances and housewares	2	2	3	3	296	359	198	491	382	672	290	1067
3839 Other electrical apparatus and supplies	16	14	14	15	2174	2183	2099	2308	3217	4312	6027	7546
384 Transport equipment	41	44	46	50	6666	8521	7936	12061	7260	10908	13637	26261
3841 Shipbuilding and repairing	10	11	9	14	1696	1727	1556	5027	1977	2767	2977	12649
3842 Railroad equipment	4	4	5	4	828	877	883	643	912	894	1392	1063
3843 Motor vehicles	25	25	27	27	3716	3614	3941	4236	4168	5596	6968	9616
3844 Motorcycles and bicycles	2	2	2	3	328	365	378	407	193	334	601	736
3845 Aircraft	-	1	1	1	-	1721	921	1566	-	1232	1660	2168
3849 Other transport equipment	-	1	2	1	-	217	268	183	-	96	149	131
385 Professional and scientific equipment	6	7	7	6	527	617	650	646	641	964	1272	1667
3851 Prof and scientific equipment n e c	4	5	5	4	277	351	381	349	348	674	776	932
3852 Photographic and optical goods	2	2	2	2	260	266	269	296	293	380	496	636
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	18	16	18	15	1658	1553	1684	1664	997	1541	2090	2369
3901 Jewellery and related articles	1	1	1	1	61	176	233	249	60	230	336	407
3902 Musical instruments	-	-	1	1	-	-	61	47	-	-	25	26
3903 Sporting and athletic goods	1	-	-	-	52	-	-	-	47	-	-	-
3909 Manufacturing industries, n e c	16	14	16	13	1445	1376	1400	1268	890	1311	1732	1936
3 Total manufacturing	1616	1656	1722	1770	29154	29817	307437	326616	336166	441161	588238	763812

Chile

ISIC Industry	Note	Output in producers' prices (billion PESOS)				Note	Value added in producers' prices (billion PESOS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
		311 2 Food Products	1047.7	1242.2	1698.0		2078.8	398.1	470.6	608.3	787.9	38.0	37.9	17.6	20.0
3111 Slaughtering, preparing & preserving meat	154.3	188.7	279.9	349.6	62.8	65.9	90.4	133.8	34.2	38.3	15.2	14.2		
3112 Dairy products	141.2	181.2	234.9	313.0	39.4	55.9	77.0	104.8	27.9	35.6	19.8	17.8		
3113 Canning, preserving of fruits & vegetables	71.8	103.4	155.2	186.7	32.8	41.0	66.6	74.2	45.7	39.8	17.9	25.7		
3114 Canning, preserving and processing of fish	88.4	110.1	141.6	222.4	34.4	45.8	53.1	105.8	38.9	47.6	36.8	28.4		
3115 Vegetable and animal oils and fats	265.7	250.1	350.0	368.1	116.5	102.1	132.9	142.7	43.8	38.8	13.6	19.3		
3116 Grain mill products	56.5	59.7	98.5	83.6	17.9	14.6	25.3	21.7	31.6	26.0	11.7	21.3		
3117 Bakery products	56.6	78.4	91.2	108.9	26.5	41.8	43.2	53.7	46.8	49.3	20.0	20.6		
3118 Sugar factories and refineries	79.0	84.5	90.6	113.6	27.7	28.6	27.8	19.4	35.1	17.1	8.6	26.3		
3119 Cocoa, chocolate and sugar confectionery	32.3	43.5	60.2	81.6	13.5	18.6	25.8	35.4	41.9	43.4	26.3	27.8		
3121 Other food products	69.5	94.8	127.3	164.6	33.9	49.2	60.5	82.6	48.8	50.2	17.0	15.4		
3122 Prepared animal feeds	32.5	47.8	68.4	86.8	2.7	6.9	10.7	13.8	8.4	15.9	28.3	16.3		
313 Beverages	170.6	234.3	322.8	422.8	82.1	114.1	168.3	236.3	48.1	55.9	16.6	13.0		
3131 Distilling, rectifying and blending spirits	17.1	24.3	33.7	42.9	6.4	8.1	16.1	19.1	37.6	44.6	16.3	14.7		
3132 Wine industries	38.6	51.6	84.5	115.2	17.2	26.6	39.2	59.3	44.5	61.6	17.6	11.2		
3133 Malt liquors and malt	41.1	53.1	66.1	79.7	26.2	32.8	41.8	53.8	63.9	67.4	10.7	11.3		
3134 Soft drinks and carbonated waters	73.8	106.3	138.4	185.0	32.3	46.6	71.2	104.1	43.7	56.3	18.7	14.6		
314 Tobacco	81.0	106.3	173.4	164.9	71.5	92.4	163.9	141.2	88.3	85.6	2.0	2.1		
321 Textiles	181.3	209.1	279.9	314.3	87.9	101.5	125.9	149.4	48.5	47.5	24.6	29.6		
3211 Spinning, weaving and finishing textiles	136.3	149.9	196.4	208.1	67.3	73.4	91.5	102.0	49.3	49.0	24.6	31.7		
3212 Made-up textile goods excl. wearing apparel	4.9	5.3	8.9	10.4	2.3	2.5	4.0	5.6	47.0	53.2	25.6	20.9		
3213 Knitting mills	34.9	47.7	66.2	85.0	16.4	23.1	28.5	37.4	47.0	44.0	24.4	26.1		
3214 Carpets and rugs	0.7	1.0	1.3	2.9	0.2	0.4	0.3	1.1	31.9	38.7	19.8	42.0		
3215 Cordage, rope and twine	1.4	1.7	1.9	2.2	0.7	0.8	0.8	1.0	46.4	44.0	24.2	26.0		
3219 Other textiles	2.9	3.5	5.1	5.8	1.0	1.4	1.8	2.5	35.2	42.3	19.0	13.3		
322 Wearing apparel, except footwear	88.7	103.4	155.4	198.9	41.3	49.7	68.4	86.7	46.6	43.6	29.6	32.3		
323 Leather and fur products	21.9	25.8	35.8	36.3	7.6	11.2	11.7	12.2	34.8	33.5	21.0	31.3		
3231 Tanneries and leather finishing	20.3	23.1	32.8	32.2	6.9	10.0	10.3	9.7	32.9	30.2	19.8	21.2		
3232 Fur dressing and dyeing industries														
3233 Leather goods excl. wearing apparel	1.7	2.6	3.0	4.0	0.8	1.3	1.4	2.4	45.6	59.9	31.4	31.6		
324 Footwear, except rubber or plastic	65.2	77.4	115.3	142.5	31.2	36.9	48.4	62.6	47.8	43.9	26.0	26.2		
331 Wood products, except furniture	175.5	207.2	250.0	273.3	72.7	81.3	101.0	117.7	41.4	43.1	20.0	26.4		
3311 Sawmills, planing and other wood mills	163.4	187.5	226.3	246.2	66.7	73.1	90.3	104.6	40.8	42.5	19.5	26.2		
3312 Wooden and cane containers	8.3	15.0	16.4	18.2	4.5	7.6	7.9	9.3	63.7	61.3	22.6	26.9		
3319 Other wood and cork products	3.8	4.7	7.3	8.9	1.6	0.7	2.7	3.8	41.6	42.5	31.2	29.4		
332 Furniture and fixtures, excl. metal	26.5	32.4	41.1	61.8	14.6	16.2	20.7	32.4	56.2	62.4	25.2	27.5		
341 Paper and products	294.5	343.6	436.3	576.6	152.6	171.0	227.6	274.3	51.8	47.6	9.2	12.5		
3411 Pulp, paper and paperboard articles	209.7	235.3	302.2	387.9	118.7	124.0	164.9	187.0	56.6	48.2	7.6	11.7		
3412 Containers of paper and paperboard	45.4	47.9	66.3	81.5	13.2	16.1	22.2	32.0	29.0	39.2	20.3	19.1		
3419 Other pulp, paper and paperboard articles	39.4	60.3	67.9	107.2	20.7	30.9	40.6	55.4	62.6	61.6	10.9	11.4		
342 Printing and publishing	93.2	121.5	169.0	215.3	49.9	68.4	94.8	123.1	63.5	67.2	24.9	28.6		
351 Industrial chemicals	122.5	141.3	194.0	282.1	64.2	75.3	97.9	140.9	52.4	49.9	10.1	12.7		
3511 Basic chemicals excl. fertilizers	95.8	109.7	157.6	168.7	53.1	61.7	84.2	91.1	55.4	64.0	9.1	13.9		
3512 Fertilizers and pesticides	1.7	1.1		95.8	0.6	0.8		42.0	36.8	43.8	23.1	7.5		
3513 Synthetic resins and plastic materials	25.0	30.4	36.4	117.5	10.5	12.8	13.7	7.9	42.0	44.6	14.2	26.7		
352 Other chemicals	275.6	351.2	457.5	554.0	133.7	188.2	259.4	309.7	48.5	55.9	22.6	20.0		
3521 Paints, varnishes and lacquers	25.5	37.8	49.3	62.8	8.7	15.5	18.5	20.5	34.2	32.6	29.0	33.0		
3522 Drugs and medicines	82.5	106.2	144.5	182.5	45.4	58.6	88.8	109.0	56.0	69.7	27.0	21.8		
3523 Soap, cleaning preps., perfumes, cosmetics	88.3	125.2	170.8	104.1	42.4	71.8	103.9	57.8	48.0	55.6	19.9	21.8		
3529 Other chemical products	79.2	82.1	92.8	204.5	37.2	42.3	50.1	122.4	47.0	69.8	18.3	16.4		
353 Petroleum refineries	413.9	567.7	662.9	706.4	124.5	146.5	192.2	230.2	30.1	32.6	4.1	3.9		

354 Misc. petroleum and coal products	52.8	46.1	56.7	74.3	23.2	21.1	19.1	31.9	43.9	42.9	12.9	8.9
355 Rubber products	38.4	44.6	62.0	73.7	17.1	22.0	29.8	33.1	44.4	44.9	26.2	28.9
3551 Tyres and tubes	25.9	32.8	45.3	53.0	10.8	16.1	21.2	22.6	41.8	42.6	22.3	26.3
3559 Other rubber products	12.5	11.9	16.6	20.7	6.2	6.9	8.6	10.6	49.8	50.9	30.2	34.3
356 Plastic products	82.2	127.8	165.5	209.5	34.9	64.4	64.1	81.1	42.4	38.7	23.4	31.8
361 Pottery, china, earthenware	28.2	5.1	12.3	16.9	5.3	2.8	6.6	10.1	18.5	59.7	40.8	37.8
362 Glass and products	22.3	25.0	32.1	46.6	13.1	15.4	18.1	23.2	59.0	49.9	20.3	26.2
369 Other non-metallic mineral products	107.3	126.3	175.0	259.4	60.7	66.6	99.3	144.8	47.3	55.8	18.5	16.3
3651 Structural clay products	17.3	20.2	24.3	29.1	8.8	7.9	14.3	16.8	60.9	57.6	18.6	22.1
3692 Cement, lime and plaster	52.6	61.7	84.2	125.6	26.8	38.0	53.8	80.9	49.0	64.4	15.7	11.6
3699 Other non-metallic mineral products	37.5	44.3	66.4	104.7	16.1	20.7	31.2	47.1	43.0	46.0	23.0	22.4
371 Iron and steel	186.3	194.2	216.4	240.5	92.9	86.5	98.9	93.2	49.9	38.8	15.8	27.9
372 Non-ferrous metals	1371.0	1520.2	1560.7	1826.0	606.8	623.6	631.6	629.3	36.9	34.5	4.1	6.6
381 Fabricated metal products	202.4	263.7	308.1	385.3	83.2	111.7	118.3	158.6	41.1	41.2	23.7	28.9
3811 Cutlery, hand tools and general hardware	6.7	9.6	11.9	14.0	3.6	5.4	6.5	8.9	53.9	63.7	36.4	28.1
3812 Furniture and fixtures primarily of metal	4.8	4.8	6.8	10.9	2.6	2.9	3.8	5.5	64.9	50.7	36.8	29.1
3813 Structural metal products	83.3	121.2	131.7	151.3	34.1	45.2	43.8	59.6	40.9	39.4	19.9	29.7
3819 Other fabricated metal products	107.6	128.1	157.6	209.1	42.8	57.8	64.2	84.6	39.8	40.4	24.9	26.6
382 Non-electrical machinery	106.7	137.0	172.4	216.0	39.2	46.2	59.7	79.7	36.8	36.9	55.3	52.1
3821 Engines and turbines	0.2	0.2	0.8	0.8	0.2	0.2	0.6	0.6	77.4	78.6	38.6	41.4
3822 Agricultural machinery and equipment	1.7	1.4	2.4	3.4	0.9	0.7	0.8	1.2	61.6	37.0	27.0	37.4
3823 Metal and wood working machinery	3.5	5.2	6.7	7.6	1.3	2.2	3.2	3.8	35.7	50.5	26.7	32.2
3824 Other special industrial machinery	41.2	51.4	63.5	75.9	11.1	7.6	11.0	13.6	26.9	17.9	7.5	8.8
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	60.0	78.8	99.1	128.4	25.8	35.5	44.1	60.4	43.0	47.1	45.3	42.3
383 Electrical machinery	66.6	73.9	78.0	102.3	34.9	38.1	40.2	54.9	52.4	53.6	18.2	24.6
3831 Electrical industrial machinery	19.2	28.3	28.3	29.4	12.4	18.2	17.2	19.1	64.3	65.1	16.4	22.7
3832 Radio, television and communication equipm	15.3	5.8	7.3	9.9	6.8	3.0	3.5	5.6	44.6	55.5	11.0	10.3
3833 Electrical appliances and housewares	3.5	5.0	1.9	11.9	1.6	2.8	0.5	5.9	44.6	49.2	23.9	18.2
3839 Other electrical apparatus and supplies	28.5	34.7	40.6	51.2	14.1	14.3	19.0	24.3	49.7	47.5	22.8	31.0
384 Transport equipment	136.5	131.3	172.5	290.3	29.6	46.6	60.3	89.9	21.7	31.0	24.6	29.2
3841 Shipbuilding and repairing	14.4	23.5	22.7	48.2	6.7	10.8	8.4	29.5	46.6	61.1	29.4	42.6
3842 Railroad equipment	3.7	2.9	3.4	3.5	1.3	1.3	1.7	2.3	36.4	-	69.7	46.4
3843 Motor vehicles	115.5	92.8	131.8	213.4	20.2	25.3	30.6	48.3	17.6	22.6	20.7	19.9
3844 Motorcycles and bicycles	2.9	3.7	5.5	9.3	1.4	2.1	2.8	3.5	48.0	37.8	13.7	20.9
3845 Aircraft	-	7.8	8.1	15.0	-	-	8.9	6.4	-	39.4	-	36.6
3849 Other transport equipment	-	0.6	0.9	0.7	-	0.4	0.6	0.6	-	66.0	-	28.6
385 Professional and scientific equipment	4.1	5.6	7.5	9.5	2.2	2.6	4.2	5.4	52.6	56.2	29.6	28.9
3851 Prof. and scientific equipment n.e.c.	2.9	4.1	5.3	7.0	1.5	1.8	3.0	4.0	52.3	57.6	22.8	23.1
3852 Photographic and optical goods	1.2	1.5	2.2	2.6	0.6	0.8	1.1	1.4	53.1	62.6	45.9	45.7
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	6.4	7.8	10.3	12.4	3.4	4.4	5.3	7.5	53.4	61.0	29.1	31.4
3901 Jewellery and related articles	0.7	0.9	0.8	2.4	0.5	0.6	0.4	1.9	64.3	82.3	13.1	21.0
3902 Musical instruments	-	-	0.2	0.2	-	-	0.1	0.1	-	33.2	-	36.6
3903 Sporting and athletic goods	0.2	-	-	-	0.1	-	-	-	60.2	-	36.2	-
3909 Manufacturing industries, n.e.c.	5.5	6.9	9.4	9.8	2.8	3.8	4.8	5.5	51.8	56.5	31.4	34.9
3 Total manufacturing	5469.9	6471.8	8041.0	9790.7	2267.4	2665.3	3325.0	4147.3	41.5	42.4	14.8	18.2

Chile

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million PESOS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311.2 Food Products		50657	70514	79719	75090	a/	123	134	128	134	144	138	139	183	170
313 Beverages		6345	4963	19429	32223		100	101	99	118	143	143	141	155	166
314 Tobacco		561	3055	1046	3924		77	79	78	86	92	96	96	103	100
321 Textiles		14317	8427	11253	12386		105	124	130	124	126	118	130	125	120
322 Wearing apparel, except footwear		3980	2462	3572	4294		84	93	101	98	108	101	114	109	98
323 Leather and fur products		433	1767	491	750		70	65	69	56	69	76	88	84	82
324 Footwear, except rubber or plastic		2941	1544	3137	3154		96	97	96	103	116	109	129	134	128
331 Wood products, except furniture		12099	10108	6703	9695	b/	95	97	116	111	94	97	91	79	68
332 Furniture and fixtures, excl. metal		838	868	1416	2926		77	117	196	244	279	288	288	281	283
341 Paper and products		30250	30017	356284	220336		115	122	123	135	137	141	155	185	187
342 Printing and publishing		5853	4331	10232	15753		80	95	101	108	129	146	190	255	289
351 Industrial chemicals		3790	6929	16529	10838		91	91	103	118	120	119	129	138	134
352 Other chemicals		11225	9169	9302	11724		99	113	116	126	139	136	143	163	175
353 Petroleum refineries		4013	3430	5634	11771		85	89	96	108	131	133	136	142	149
354 Misc. petroleum and coal products		2072	-966	529	580		...	...	...	...	...	...	...	...	...
355 Rubber products		2053	2528	3142	3153		99	91	98	95	106	103	146	167	164
356 Plastic products		4027	8941	9475	11870		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		839	296	221	371		131	138	146	151	166	147	140	137	146
362 Glass and products		1056	-53	3990	1350		92	109	102	129	183	182	198	227	243
369 Other non-metallic mineral products		13722	12665	18306	6959		92	109	97	130	147	129	140	168	197
371 Iron and steel		1458	8075	11801	24475	c/	90	92	96	120	120	106	106	127	136
372 Non-ferrous metals		9624	14043	21019	24295		110	115	117	123	131	136	132	142	136
381 Fabricated metal products		13101	13819	11345	18618		90	97	109	118	129	127	127	157	176
382 Non-electrical machinery		7479	9335	6367	8304		42	55	63	64	80	89	86	127	166
383 Electrical machinery		6347	2755	8274	3708		76	96	110	124	136	141	151	174	180
384 Transport equipment		3319	2828	2399	5520		48	43	49	51	64	56	60	70	67
385 Professional and scientific equipment		110	107	132	392		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		228	259	600	520		57	60	63	58	63	64	68	67	64
3 Total manufacturing		212737	232218	622349	528979	d/	100	108	111	119	129	128	133	151	166

a/ Excluding slaughtering
c/ Excluding smelting and refining of copper

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

CHINA

Supplier of information:

State Statistical Bureau, Beijing.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

Due to the introduction of a new statistical system, the data for 1993 are not strictly comparable with the data for previous years.

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

The number of enterprises, output and value added relate to industrial enterprises with independent accounting systems.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Statistical Yearbook of China (annual), published by the State Statistical Bureau, Beijing.

China

ISIC Industry	Number of enterprises				Note	Number of persons engaged				Note	Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million YUAN)					
		1990	1991	1992			1993	1990	1991			1992	1993	1990	1991	1992	1993
311/2 Food Products		42457		4430a/	4670a/	4760a/	3130		...	...	...	...
313 Beverages		12705		a/	a/	a/	1130		...	...	...	...
314 Tobacco		391		a/	a/	a/	290		...	...	...	...
321 Textiles		24613		7450	7660	7430	6840		...	...	...	...
322 Wearing apparel, except footwear		17921b/	b/	1650	1720	1740	1640		...	...	...	...
323 Leather and fur products		9370		790	840	870	850		...	...	...	...
324 Footwear, except rubber or plastic		b/	b/	...	...	...	...		...	...	...	...
331 Wood products, except furniture		12410		700	760	730	730		...	...	...	...
332 Furniture and fixtures, excl. metal		8014		420	400	400	340		...	...	...	...
341 Paper and products		11940		1200	1250	1270	1250		...	...	...	...
342 Printing and publishing		13174		980	1020	1030	930		...	...	...	...
351 Industrial chemicals		28839c/	c/	4970	5200	5370	5230		...	...	...	...
352 Other chemicals		c/	c/	...	...	...	...		...	...	...	...
353 Petroleum refineries		1901d/	d/	760	850	880	680		...	...	...	...
354 Misc. petroleum and coal products		d/	d/	...	...	...	...		...	...	...	...
355 Rubber products		4155		750	770	810	760		...	...	...	...
356 Plastic products		16274		1000	1020	1030	1010		...	...	...	...
361 Pottery, china, earthenware		54528e/	e/	3900	4010	4080	3960		...	...	...	...
362 Glass and products		e/	e/	...	...	...	...		...	...	...	...
369 Other non-metallic mineral products		e/	e/	...	...	...	...		...	...	...	...
371 Iron and steel		5839		3000	3070	3200	3410		...	...	...	...
372 Non-ferrous metals		3460		860	880	920	920		...	...	...	...
381 Fabricated metal products		28427		1830	1870	1840	1920		...	...	...	...
382 Non-electrical machinery		44310		9890	9630	9640	7240		...	...	...	...
383 Electrical machinery		23446		3260	3560	3640	3770		...	...	...	...
384 Transport equipment		15439		2010	2290	2400	3380		...	...	...	...
385 Professional and scientific equipment		4975		630	660	720	860		...	...	...	...
390 Other manufacturing industries		21865		2560	2400	2350	2030		...	...	...	...
3 Total manufacturing		406453		53040	54430	55100	52300		...	...	...	...

a/ 311/2 includes 313 and 314.

c/ 351 includes 352

e/ 361 includes 362 and 369

b/ 322 includes 324.

d/ 353 includes 354.

China

ISIC Industry	Note	Output (million YUAN)				Note	Value added (million YUAN)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311 Food Products		138936	162672	187156	235672		21471	26813	29591	68297	15.5	29.0		
313 Beverages		38497	46245	56840	76734		11548	15240	19350	27773	30.0	36.2		
314 Tobacco		51199	54745	64652	77610		29750	31627	35947	42192	58.1	54.4		
321 Textiles		229108	253327	289916	352074		49261	50278	59376	96086	21.5	27.0		
322 Wearing apparel, except footwear	a/	41464	52295	68158	99358	a/	10086	12243	15229	22523	24.3	32.7		
323 Leather and fur products		15911	25335	32520	57073		4516	5656	7127	15151	22.7	26.6		
324 Footwear, except rubber or plastic	a/					a/								
331 Wood products, except furniture		10323	12228	15726	27861		2403	2811	3692	9535	23.3	34.2		
332 Furniture and fixtures, excl. metal		8137	9035	11409	15364		2174	2404	3017	4829	26.7	31.4		
341 Paper and products		38871	42344	49294	61122		9324	9871	11740	15106	24.0	24.7		
342 Printing and publishing		17339	21641	26236	33852		4957	5930	7329	12388	28.6	36.6		
351 Industrial chemicals	b/	212057	240401	285164	352063	b/	56586	64412	76454	105809	26.7	30.1		
352 Other chemicals	b/					b/								
353 Petroleum refineries		50187	71485	90025	144610c/		12981	16876	19047	34583c/	25.9	23.9		
354 Misc. petroleum and coal products		7135	8437	9291	896		896	1221	997	997	14.0			
355 Rubber products		28490	31728	38128	44795		7868	8785	11142	12662	26.0	28.0		
356 Plastic products		34982	43923	56600	71200		8303	9820	13107	20864	23.7	29.3		
361 Pottery, china, earthenware	d/	89057	105340	142240	233292	d/	27427	33893	47544	89782	30.8	36.5		
362 Glass and products	d/					d/								
369 Other non-metallic mineral products	d/					d/								
371 Iron and steel		129878	153850	208078	393118		31431	37465	52228	128507	24.2	32.7		
372 Non-ferrous metals		50946	57355	70911	97445		9807	10729	13796	26087	19.2	26.8		
381 Fabricated metal products		52257	61523	80043	130205		14090	15934	20184	39839	27.0	30.6		
382 Non-electrical machinery		167405	199540	267192	346488		48385	56500	75516	104882	28.9	30.3		
383 Electrical machinery		138128	168181	216510	315005		35511	42256	54292	88572	25.8	28.1		
384 Transport equipment		71387	97575	154401	259923		18739	24492	39679	69795	26.2	26.9		
385 Professional and scientific equipment		11012	13671	18261	36574		4033	4951	6437	12226	35.6	33.4		
390 Other manufacturing industries		35454	42632	54288	78943		10165	12094	14743	25986	28.7	32.9		
3 Total manufacturing		1672160	1975708	2493139	3540386		431712	502200	638363	1082405	25.8	30.6		

a/ 322 includes 324
c/ 353 includes 354

b/ 351 includes 352
d/ 361 includes 362 and 369

China

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million YUAN)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products	
313 Beverages	
314 Tobacco	
321 Textiles	
322 Wearing apparel, except footwear	
323 Leather and fur products	
324 Footwear, except rubber or plastic	
331 Wood products, except furniture	
332 Furniture and fixtures, excl metal	
341 Paper and products	
342 Printing and publishing	
351 Industrial chemicals	
352 Other chemicals	
353 Petroleum refineries	
354 Misc petroleum and coal products	
355 Rubber products	
356 Plastic products	
361 Pottery, china, earthenware	
362 Glass and products	
369 Other non-metallic mineral products	
371 Iron and steel	
372 Non-ferrous metals	
381 Fabricated metal products	
382 Non-electrical machinery	
383 Electrical machinery	
384 Transport equipment	
385 Professional and scientific equipment	
390 Other manufacturing industries	
3 Total manufacturing	

COLOMBIA

Supplier of information:

Departamento Administrativo Nacional de Estadística, Bogotá. The index numbers of industrial production are compiled by the Banco de la República.

Basic source of data:

Annual manufacturing survey.

Deviation from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Establishments with 10 or more persons engaged. However, establishments that were covered in the preceding year are included in the survey regardless of the number of persons engaged. The index numbers of industrial production cover all establishments with 10 or more persons engaged.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees is as of the pay period that includes 15 November of the reference year. Persons on strike are excluded.

Wages and salaries excludes employers' contributions to social insurance, welfare funds and other similar schemes unless otherwise indicated.

Output includes revenues from goods shipped in the same condition as received.

Gross fixed capital formation is net of depreciation. The revaluation of fixed assets over the year is taken into account.

Related national publications:

Industria Manufacturera (annual); 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.

Colombia

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	wages and salaries paid to employees (million PESOS)			
		1989	1990	1991	1992a/		1989	1990	1991	1992a/		1989	1990	1991	1992a/
311/2 Food Products		1315	1357	1324	1392		76590	79300	81191	107657		69432	90964	120164	219879
3111 Slaughtering, preparing & preserving meat		102	99	101			8430	7827	9121			6616	7769	11743	
3112 Dairy products		104	106	100			8994	9262	9515			8835	11500	15470	
3113 Canning, preserving of fruits & vegetables		35	33	35			1554	1546	1334			905	1249	1602	
3114 Canning, preserving and processing of fish		12	11	11			740	753	939			586	790	1354	
3115 Vegetable and animal oils and fats		55	64	64			8051	9698	9493			9197	12987	15477	
3116 Grain mill products		328	366	353			8910	9700	9723			7177	9960	13141	
3117 Bakery products		353	347	336			15606	15955	15801			11166	14399	18711	
3118 Sugar factories and refineries		38	34	33			9475	9159	9578			9418	11234	15352	
3119 Cocoa, chocolate and sugar confectionery		56	58	56			4079	4401	4504			3964	5560	7530	
3121 Other food products		162	172	171			7537	7660	8018			8442	11178	14884	
3122 Prepared animal feeds		70	67	64			3214	3339	3165			3126	4338	4900	
313 Beverages		132	133	131	145		23810	23300	23207	23933		28091	36356	44393	63253
3131 Distilling, rectifying and blending spirits		25	26	26			4769	4721	4570			4972	6296	7928	
3132 Wine industries		20	20	18			625	622	571			421	498	625	
3133 Malt liquors and malt		23	23	24			7498	7486	7441			11166	14402	17735	
3134 Soft drinks and carbonated waters		64	64	63			10918	10471	10625			11542	14159	18106	
314 Tobacco		13	12	12	12		2451	2000	2345	1880		2772	2711	4478	3892
321 Textiles		502	498	486	480		53284	52800	54050	62092		44781	56707	74796	104130
3211 Spinning, weaving and finishing textiles		235	227	225			35646	35249	36930			32846	41436	55830	
3212 Made-up textile goods excl. wearing apparel		37	41	33			1408	1621	1151			963	1344	1210	
3213 Knitting mills		191	191	189			13959	13939	14005			9396	11891	15085	
3214 Carpets and rugs		17	19	18			706	591	548			470	566	672	
3215 Cordage, rope and twine		10	9	9			387	444	392			232	296	385	
3219 Other textiles		12	11	12			1178	956	1024			886	1175	1614	
322 Wearing apparel, except footwear		1073	1049	972	979		46418	46800	47314	62265		25050	32030	41784	71784
323 Leather and fur products		113	117	109	134		7015	8100	7918	8520		4915	7250	9095	12566
3231 Tanneries and leather finishing		29	31	32			3125	3085	2968			2760	3543	4494	
3232 Fur dressing and dyeing industries		6	5	5			312	314	297			227	316	306	
3233 Leather prods. excl. wearing apparel		78	81	72			3578	4701	4653			1928	3392	4295	
324 Footwear, except rubber or plastic		303	286	279	294		14822	15200	14916	16592		9207	11882	16345	20916
331 Wood products, except furniture		192	184	183	173		6613	6300	6636	7220		4770	5725	7715	10660
3311 Sawmills, planing and other wood mills		149	145	145			5538	5225	5271			4163	4971	6392	
3312 Wooden and cane containers		3	3	3			88	100	97			44	59	106	
3319 Other wood and cork products		40	36	35			987	975	1268			563	695	1217	
332 Furniture and fixtures, excl. metal		237	238	222	289		9210	8700	7274	10803		5127	6118	6588	12657
341 Paper and products		152	150	144	159		11018	11800	11757	13452		14314	19246	26158	40891
3411 Pulp, paper and paperboard articles		33	32	28			5111	5445	5562			8356	11138	15405	
3412 Containers of paper and paperboard		76	82	77			3845	4255	4029			3931	5376	6897	
3419 Other pulp, paper and paperboard articles		41	36	39			2062	2100	2166			2027	2732	3856	
342 Printing and publishing		378	370	373	410		21710	21900	20951	26690		18335	23841	28442	49378
351 Industrial chemicals		145	146	147	146		16099	16700	15092	13761		24776	34417	39642	48429
3511 Basic chemicals excl. fertilizers		92	94	97			6562	6787	6229			8291	10683	13469	
3512 Fertilizers and pesticides		25	26	25			3970	4300	3374			7557	11404	10548	
3513 Synthetic resins and plastic materials		28	26	25			5567	5613	5489			8928	12330	15625	
352 Other chemicals		327	331	325	354		24715	26100	28939	34517		30229	41192	52590	101128
3521 Paints, varnishes and lacquers		30	32	29			2267	2706	3202			2341	3680	7230	
3522 Drugs and medicines		119	118	121			11610	11458	12256			16764	21890	31086	
3523 Soap, cleaning preps., perfumes, cosmetics		80	77	79			6367	7016	8609			6823	9122	15719	
3529 Other chemical products		98	104	96			4471	4920	4872			4301	6490	8555	
353 Petroleum refineries		5	6	6	7		5182	5400	4789	5710		11498	15226	15840	37165

354 Misc petroleum and coal products	29	28	24	29	972	1000	969	1704	816	1101	1412	5602
355 Rubber products	82	78	76	96	6240	6400	6351	7325	7806	10819	14880	23178
3551 Tyres and tubes	26	24	25	...	3722	3972	4006	...	6002	6587	11822	...
3559 Other rubber products	56	54	51	...	2518	2428	2345	...	1804	2232	3068	...
356 Plastic products	369	372	370	406	18664	18600	21640	23980	16066	19716	30478	46845
361 Pottery, china, earthenware	27	26	24	19	5157	5300	5600	6594	4428	5854	7913	13465
362 Glass and products	76	74	72	78	6654	7000	6606	7423	7450	9407	10716	16725
369 Other non-metallic mineral products	308	312	314	318	21023	20600	20447	20852	19981	25434	32422	45321
3691 Structural clay products	102	104	101	...	6010	6183	6026	...	4181	5251	6664	...
3692 Cement, lime and plaster	28	27	26	...	6500	6183	6167	...	7616	9844	12366	...
3699 Other non-metallic mineral products	178	181	187	...	8513	8134	8254	...	8185	10339	13402	...
371 Iron and steel	68	68	71	82	10125	9300	9427	9089	11864	13310	19420	36451
372 Non-ferrous metals	35	34	34	44	2006	2200	2270	2849	2077	2976	3882	7041
381 Fabricated metal products	625	604	580	601	28068	28500	28327	28012	23184	30037	35185	45326
3811 Cutlery, hand tools and general hardware	41	42	45	...	4184	4135	4671	...	4030	5099	7806	...
3812 Furniture and fixtures primarily of metal	151	137	138	...	4195	4800	4339	...	2289	3099	4020	...
3813 Structural metal products	175	184	157	...	6824	6475	6735	...	6666	7768	8466	...
3819 Other fabricated metal products	258	261	242	...	12881	13290	11682	...	10199	14081	14892	...
382 Non-electrical machinery	354	339	331	392	16089	15800	16202	19386	12071	14653	19920	31799
3821 Engines and turbines	2	2	2	...	39	44	48	...	23	27	46	...
3822 Agricultural machinery and equipment	29	26	32	...	1215	708	904	...	813	643	946	...
3823 Metal and wood working machinery	25	20	23	...	626	487	551	...	446	484	654	...
3824 Other special industrial machinery	64	70	66	...	2158	2390	2599	...	1496	2201	3369	...
3825 Office, computing and accounting machinery	10	11	10	...	273	294	288	...	179	271	383	...
3829 Other non-electrical machinery & equipment	224	210	199	...	11778	11877	11812	...	9115	11057	14524	...
383 Electrical machinery	214	214	199	232	17733	18200	17441	19237	17385	23314	28339	39806
3831 Electrical industrial machinery	76	75	68	...	4507	4735	4391	...	5917	7776	8591	...
3832 Radio, television and communication equipm	40	37	34	...	4806	4379	3841	...	3319	4353	4616	...
3833 Electrical appliances and housewares	10	12	13	...	958	1279	1270	...	885	1444	1866	...
3839 Other electrical apparatus and supplies	88	90	84	...	7462	7806	7936	...	7264	9739	12967	...
384 Transport equipment	252	252	249	261	20795	19000	17979	20065	21604	26036	31112	39024
3841 Shipbuilding and repairing	17	19	17	...	1639	1425	1097	...	1930	1937	2081	...
3842 Railroad equipment	6	4	1	...	663	568	9	...	615	601	10	...
3843 Motor vehicles	184	182	186	...	15075	13671	13254	...	15534	19265	22948	...
3844 Motorcycles and bicycles	25	26	26	...	1263	1260	1544	...	814	1111	1969	...
3845 Aircraft	11	11	10	...	1792	1744	1729	...	2361	3052	3787	...
3849 Other transport equipment	9	10	9	...	353	342	346	...	250	270	317	...
385 Professional and scientific equipment	77	73	72	78	3878	3900	4054	4601	3787	4689	6551	10654
3851 Prof and scientific equipment n e c	63	58	58	...	3506	3515	3890	...	3654	4365	6145	...
3852 Photographic and optical goods	13	14	12	...	355	368	343	...	210	266	380	...
3853 Watches and clocks	1	1	2	...	17	17	21	...	23	17	26	...
390 Other manufacturing industries	183	182	175	186	8606	8700	8124	9041	7036	9211	10001	14521
3901 Jewellery and related articles	15	15	18	...	667	713	804	...	546	708	1060	...
3902 Musical instruments	3	3	2	...	86	79	19	...	35	55	16	...
3903 Sporting and athletic goods	5	4	3	...	131	276	103	...	67	249	86	...
3909 Manufacturing industries, n e c	160	160	152	...	7741	7632	7198	...	6388	8199	8839	...
3 Total manufacturing	7586	7533	7304	7796	484946	488800	489816	575230	447750	579131	749261	1172545

a/ Data are provisional

Colombia

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(billion PESOS)					(billion PESOS)				(percentage)		(percentage)	
		1989	1990	1991	1992a/		1989	1990	1991	1992a/	1989	1992	1989	1992
311:2 Food Products		1772.2	2452.0	2940.3	4299.1	490.3	856.0	799.6	1180.5	27.7	27.0	14.2	18.9	
3111 Slaughtering, preparing & preserving meat		114.9	153.0			32.8	38.0			28.6		20.2		
3112 Dairy products		179.1	233.0			43.0	60.0			24.0		20.6		
3113 Canning, preserving of fruits & vegetables		15.9	22.0			5.3	8.0			33.1		17.2		
3114 Canning, preserving and processing of fish		20.1	28.0			2.4	6.0			12.1		24.1		
3115 Vegetable and animal oils and fats		263.9	364.0			85.5	101.0			24.8		14.0		
3116 Grain mill products		438.5	638.0			88.4	99.0			20.2		8.1		
3117 Bakery products		120.3	156.0			44.6	60.0			37.1		25.0		
3118 Sugar factories and refineries		186.8	261.0			78.0	103.0			41.8		12.1		
3119 Cocoa, chocolate and sugar confectionery		80.4	110.0			32.3	47.0			40.2		12.3		
3121 Other food products		198.8	276.0			79.7	107.0			40.1		10.6		
3122 Prepared animal feeds		153.6	211.0			18.3	28.0			11.9		17.0		
313 Beverages		615.5	792.0	1031.2	1405.1	373.9	466.0	656.6	953.4	60.7	67.9	7.6	6.6	
3131 Distilling, rectifying and blending spirits		122.0	142.0			91.4	73.0			74.9		6.4		
3132 Wine industries		6.2	8.0			2.6	3.0			40.1		17.1		
3133 Malt liquors and malt		318.0	407.0			193.4	270.0			60.8		5.8		
3134 Soft drinks and carbonated waters		169.4	235.0			86.7	120.0			51.2		13.3		
314 Tobacco		93.4	123.0	154.4	151.6	66.6	87.0	107.5	106.9	71.2	70.6	4.2	3.6	
321 Textiles		611.8	817.0	1033.1	1329.6	310.2	410.0	440.6	631.7	50.7	47.6	14.4	16.6	
3211 Spinning, weaving and finishing textiles		457.1	607.0			256.6	332.0			64.9		12.8		
3212 Made-up textile goods excl. wearing apparel		12.6	18.0			6.7	8.0			53.3		14.2		
3213 Knitting mills		99.7	151.0			37.6	57.0			37.7		26.0		
3214 Carpets and rugs		6.5	8.0			2.3	3.0			36.0		20.6		
3215 Cordage, rope and twine		2.4	3.0			0.7	1.0			31.2		31.2		
3219 Other textiles		23.6	30.0			6.4	9.0			27.1		13.8		
322 Wearing apparel, except footwear		212.4	286.0	360.0	488.7	90.2	111.0	149.4	220.7	42.6	46.2	27.8	32.5	
323 Leather and fur products		77.0	112.0	148.7	191.7	21.2	33.0	40.9	68.6	27.6	36.7	23.2	18.4	
3231 Tanneries and leather finishing		51.1	70.0			13.4	21.0			26.7		20.6		
3232 Fur dressing and dyeing industries		5.6	8.0			1.4	2.0			26.4		16.0		
3233 Leather products excl. wearing apparel		20.3	34.0			6.3	10.0			31.3		30.4		
324 Footwear, except rubber or plastic		95.5	132.0	171.3	193.8	35.6	50.0	64.7	86.4	37.1	44.1	26.0	24.6	
331 Wood products, except furniture		46.5	55.5	75.5	104.1	22.7	27.3	38.2	53.1	48.8	51.0	21.0	20.1	
3311 Sawmills, planing and other wood mills		42.3	51.0			20.6	25.0			48.6		20.3		
3312 Wooden and cane containers		0.4	0.5			0.2	0.3			47.1		26.9		
3319 Other wood and cork products		3.3	4.0			2.0	2.0			62.1		28.2		
332 Furniture and fixtures, excl. metal		34.0	42.0	43.1	100.1	16.3	19.0	21.0	39.7	44.9	39.7	33.5	31.8	
341 Paper and products		307.9	422.0	584.5	756.0	110.5	161.0	214.5	266.6	35.6	36.2	13.0	15.3	
3411 Pulp, paper and paperboard articles		179.6	240.0			65.9	87.0			36.7		12.7		
3412 Containers of paper and paperboard		85.0	121.0			27.3	41.0			32.1		14.4		
3419 Other pulp, paper and paperboard articles		43.3	61.0			17.2	23.0			39.8		11.8		
342 Printing and publishing		188.4	235.0	272.1	529.2	90.8	107.0	124.0	322.3	48.2	60.9	20.2	16.3	
351 Industrial chemicals		595.2	798.0	981.0	932.0	206.2	262.0	360.6	366.4	34.5	39.3	12.1	13.2	
3511 Basic chemicals excl. fertilizers		132.2	166.0			60.4	67.0			45.7		13.7		
3512 Fertilizers and pesticides		206.0	329.0			57.3	93.0			27.8		13.2		
3513 Synthetic resins and plastic materials		257.0	303.0			87.5	102.0			34.0		10.2		
352 Other chemicals		505.1	696.0	991.7	1280.8	216.9	300.0	468.1	671.7	42.9	52.4	13.9	16.1	
3521 Paints, varnishes and lacquers		65.3	96.0			17.2	29.0			26.4		13.6		
3522 Drugs and medicines		195.4	255.0			94.4	124.0			48.3		17.8		
3523 Soap, cleaning preps, perfumes, cosmetics		171.3	236.0			71.0	99.0			41.6		9.6		
3529 Other chemical products		73.1	109.0			34.2	48.0			46.9		12.6		
353 Petroleum refineries		305.6	408.0	456.4	381.9	40.7	76.0	88.0	169.6	13.3	41.8	28.3	23.3	

354 Misc petroleum and coal products	43.5	50.0	63.8	119.9	16.7	17.0	22.4	46.9	38.5	39.1	4.9	11.9
355 Rubber products	117.2	164.0	205.6	216.1	47.8	66.0	96.9	96.4	40.8	44.6	16.3	24.0
3551 Tyres and tubes	97.1	127.0	...	...	39.7	54.0	...	...	40.8	...	16.1	...
3559 Other rubber products	20.1	27.0	...	...	8.2	12.0	...	...	40.7	...	22.0	...
356 Plastic products	243.2	312.0	444.7	550.7	86.8	112.0	173.1	241.4	36.3	43.8	17.6	19.4
361 Pottery, china, earthenware	41.5	54.0	72.0	121.4	23.0	30.0	42.1	70.9	66.6	68.4	19.2	19.0
362 Glass and products	75.5	103.0	129.1	166.8	38.6	57.0	69.4	84.8	51.0	64.4	19.3	19.7
369 Other non-metallic mineral products	270.8	330.0	406.7	574.0	137.9	170.0	204.8	286.0	60.9	49.6	14.6	16.9
3691 Structural clay products	25.6	32.0	...	...	16.1	20.0	...	...	63.0	...	26.0	...
3692 Cement, lime and plaster	145.7	177.0	...	...	80.6	98.0	...	...	56.4	...	9.4	...
3699 Other non-metallic mineral products	99.6	121.0	...	...	41.2	52.0	...	...	41.4	...	19.9	...
371 Iron and steel	296.9	320.0	376.9	425.9	142.8	141.0	166.3	203.9	48.2	47.9	8.3	17.9
372 Non-ferrous metals	45.5	65.0	76.8	94.6	16.4	28.0	33.1	38.8	33.8	41.0	13.6	18.1
381 Fabricated metal products	262.4	349.0	391.5	460.9	99.8	140.0	168.7	198.3	38.1	43.0	23.2	22.9
3811 Cutlery, hand tools and general hardware	41.4	58.0	...	...	22.9	31.0	...	...	66.3	...	17.6	...
3812 Furniture and fixtures primarily of metal	16.5	24.0	...	...	6.5	10.0	...	...	39.6	...	36.1	...
3813 Structural metal products	56.4	69.0	...	...	20.3	27.0	...	...	36.1	...	32.8	...
3819 Other fabricated metal products	148.1	198.0	...	...	50.1	72.0	...	...	33.8	...	20.4	...
382 Non-electrical machinery	132.4	178.1	218.0	298.8	62.5	62.1	93.0	133.8	39.7	44.8	23.0	23.8
3821 Engines and turbines	0.1	0.1	...	...	0.1	0.1	...	...	64.4	...	37.1	...
3822 Agricultural machinery and equipment	6.7	4.0	...	...	3.1	2.0	...	...	46.3	...	26.3	...
3823 Metal and wood working machinery	3.2	5.0	...	...	1.6	2.0	...	...	60.7	...	27.6	...
3824 Other special industrial machinery	11.8	16.0	...	...	6.8	8.0	...	...	49.2	...	26.9	...
3825 Office, computing and accounting machinery	1.8	2.0	...	...	0.8	1.0	...	...	46.6	...	21.8	...
3829 Other non-electrical machinery & equipment	108.9	151.0	...	...	41.1	49.0	...	...	37.8	...	22.2	...
383 Electrical machinery	257.5	324.0	374.6	460.9	112.2	136.0	163.3	217.4	43.6	47.2	16.6	18.3
3831 Electrical industrial machinery	60.0	74.0	...	...	28.6	35.0	...	...	47.4	...	20.8	...
3832 Radio, television and communication equip.	53.1	64.0	...	...	19.8	24.0	...	...	37.2	...	18.8	...
3833 Electrical appliances and housewares	20.9	32.0	...	...	8.6	13.0	...	...	40.7	...	10.4	...
3839 Other electrical apparatus and supplies	123.4	154.0	...	...	56.6	64.0	...	...	46.0	...	13.1	...
384 Transport equipment	492.4	586.0	643.1	761.7	126.9	167.0	216.6	260.8	26.8	34.2	16.9	16.0
3841 Shipbuilding and repairing	20.2	31.0	...	...	11.3	20.0	...	...	66.0	...	17.0	...
3842 Railroad equipment	1.7	2.0	...	...	0.7	1.0	...	...	43.3	...	69.1	...
3843 Motor vehicles	429.6	501.0	...	...	104.0	132.0	...	...	24.2	...	16.0	...
3844 Motorcycles and bicycles	16.5	22.0	...	...	4.2	5.0	...	...	26.3	...	19.6	...
3845 Aircraft	22.8	28.0	...	...	6.1	8.0	...	...	26.8	...	36.6	...
3849 Other transport equipment	1.6	2.0	...	...	0.6	1.0	...	...	38.2	...	41.4	...
385 Professional and scientific equipment	47.0	62.3	79.5	104.2	26.8	35.1	44.6	64.1	66.9	61.6	14.1	16.6
3851 Prof and scientific equipment n e c	45.4	60.0	...	...	26.9	34.0	...	...	67.1	...	13.7	...
3852 Photographic and optical goods	1.4	2.0	...	...	0.8	1.0	...	...	64.9	...	27.0	...
3853 Watches and clocks	0.2	0.3	...	...	0.1	0.1	...	...	41.2	...	23.2	...
390 Other manufacturing industries	69.2	89.4	101.3	128.9	33.5	42.2	49.9	66.4	48.4	60.7	21.0	22.2
3901 Jewellery and related articles	6.5	8.0	...	...	2.2	3.0	...	...	34.6	...	24.6	...
3902 Musical instruments	0.3	0.4	...	...	0.1	0.2	...	...	63.0	...	24.6	...
3903 Sporting and athletic goods	0.7	2.0	...	...	0.2	1.0	...	...	34.0	...	28.6	...
3909 Manufacturing industries, n e c	61.7	79.0	...	...	30.9	38.0	...	...	60.0	...	20.7	...
3 Total manufacturing	7854.7	10347.3	12826.6	16617.4	3049.6	3968.6	6098.0	7114.2	38.8	42.8	14.7	16.6

a/ Data are provisional

Colombia

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million PESOS)					(1980=100)								
		1989	1990	1991	1992a/		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		40492	63632	79303	159773		116	116	119	119	119	132	124	133	139
313 Beverages		18134	37664	28435	30146		107	111	119	115	117	119	119	113	126
314 Tobacco		502	296	-391	5676		137	139	126	118	111	110	128	106	94
321 Textiles		28163	47180	53716	128631		104	115	125	118	112	116	115	123	121
322 Wearing apparel, except footwear		4578	8841	9399	16242		81	83	91	108	120	128	123	130	122
323 Leather and fur products		1931	2507	4472	4036		79	94	100	106	111	131	143	137	126
324 Footwear, except rubber or plastic		4839	4554	4389	9027		80	85	79	81	07	81	99	100	96
331 Wood products, except furniture		1551	4601	1452	4365		113	117	143	155	179	190	183	181	204
332 Furniture and fixtures, excl. metal		1363	2139	1886	3581		66	61	61	77	73	68	64	71	82
341 Paper and products		12822	38338	26455	46708		111	115	129	132	151	170	190	207	192
342 Printing and publishing		7550	14713	11770	22790		81	86	89	100	89	85	89	89	97
351 Industrial chemicals		20576	57546	50148	21065		136	151	164	171	169	172	179	174	175
352 Other chemicals		10626	14483	23843	44472		119	134	142	149	160	172	174	186	196
353 Petroleum refineries		10919	81920	30796	49937		133	152	165	159	163	167	172	161	169
354 Misc. petroleum and coal products		31	965	-12	3093		137	134	141	156	153	140	129	136	133
355 Rubber products		4194	10584	4469	25596		103	101	95	110	106	111	115	124	123
356 Plastic products		12498	17325	25689	41054		90	107	107	100	96	104	103	119	132
361 Pottery, china, earthenware		891	3473	3304	3948		101	116	135	147	146	142	159	177	201
362 Glass and products		3989	2035	5471	13106		108	109	129	141	140	151	149	147	162
369 Other non-metallic mineral products		24738	41199	27399	55902		111	118	123	124	126	121	134	141	165
371 Iron and steel		14127	22256	3729	19154		110	119	134	146	147	147	142	158	167
372 Non-ferrous metals		544	3888	1712	3900		83	99	127	124	103	125	124	135	133
381 Fabricated metal products		8403	11390	14556	17744		93	106	107	121	106	120	108	120	137
382 Non-electrical machinery		3441	5833	5148	26902		63	73	83	90	96	138	136	160	180
383 Electrical machinery		12251	10952	9794	16002		87	92	95	102	97	91	83	97	104
384 Transport equipment		11008	8573	16633	26377		80	90	109	130	121	111	93	110	157
385 Professional and scientific equipment		2502	8402	1202	3061		169	179	205	231	209	204	217	179	173
390 Other manufacturing industries		2143	4275	3461	5059		101	107	116	117	120	107	111	114	129
3 Total manufacturing		264806	529564	448028	807347		108	115	122	124	124	130	129	133	140

a. Data are provisional.

COOK ISLANDS

Supplier of information:
Statistics Office, Rarotonga

Basic source of data:
Survey of Employment and Earnings, 1993 and Cook Islands National Accounts, 1982 to 1990.

Major deviations from current version of ISIC:
None reported.

Reference period (if not calendar year):

Scope:
All establishments.

Method of enumeration:
The inquiry is conducted by mail and personal visits.

Adjusted for non-response:
No.

Concepts and definitions of variables:
No deviations from the standard UN concepts and definitions are reported.

Related national publications:

Cook Islands

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand DOLLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
3 Total manufacturing				59				290					187		

ISIC Industry	Output				Value added				Share of value added in output		Share of wages and salaries in value added			
	Note	(thousand DOLLARS)				Note	(thousand DOLLARS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
3 Total manufacturing		10826				2588				23.9				

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production									
	Note	(thousand DOLLARS)				Note	(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
3 Total manufacturing		958												

COSTA RICA

Supplier of information:

Departamento de Contabilidad Social, Banco Central de Costa Rica, San José.

Basic source of data:

Data collection of the Banco Central de Costa Rica.

Major deviations from current version of ISIC:

None reported

Reference period (if not calendar year):

Scope:

Number of establishments, employees and wages and salaries relate to enterprises registered under the social security scheme while other variables refer to all enterprises.

Method of enumeration:

Not reported

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Figures for wages and salaries are computed by UNIDO from the reported monthly averages.

Output is gross output and is derived from national accounts estimates.

Value added is total value added.

Output and value added are net of indirect taxes.

Related national publications:

Costa Rica

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million COLONES)			
		1990	1991a/	1992a/	1993		1990	1991a/	1992a/	1993		1990	1991a/	1992a/	1993
311/2 Food Products		1087	1129	1163		31040	30891	33770		7874.8	10233.4	14130.6			
3111 Slaughtering, preparing & preserving meat		41	47	48		2877	2882	4930		811.9	1037.6	2117.0			
3112 Dairy products		35	33	31		2702	3007	3248		897.6	1491.6	1966.3			
3113 Canning, preserving of fruits & vegetables		71	71	82		3165	3201	3737		748.9	936.8	1429.4			
3114 Canning, preserving and processing of fish		17	16	16		1395	1489	1724		290.8	415.1	581.2			
3115 Vegetable and animal oils and fats		12	13	12		1113	1113	1137		422.1	550.0	724.8			
3116 Grain mill products		179	215	209		7107	6731	6366		1666.2	1979.1	2346.4			
3117 Bakery products		501	506	535		5428	5480	5886		1094.1	1404.8	1839.7			
3118 Sugar factories and refineries		26	23	25		2947	2496	2276		723.3	829.7	1001.6			
3119 Cocoa, chocolate and sugar confectionery		24	21	25		1466	1424	1581		416.0	508.1	728.6			
3121 Other food products		136	136	136		2162	2125	2166		637.1	827.3	1092.8			
3122 Prepared animal feeds		45	42	44		678	643	729		167.4	193.5	303.1			
313 Beverages		44	51	51		3277	3766	4137		1106.9	1620.0	2123.9			
3131 Distilling, rectifying and blending spirits		2	3	3		397	376	361		186.6	190.4	266.9			
3132 Wine industries		5	5	5		52	53	48		12.0	16.8	19.8			
3133 Malt liquors and malt		2	4	6		761	776	1333		261.1	331.0	648.2			
3134 Soft drinks and carbonated waters		35	39	37		2067	2553	2396		646.2	978.8	1199.1			
314 Tobacco		5	8	8		655	637	643		399.2	536.2	649.3			
321 Textiles		188	201	203		10897	9577	11145		2412.2	2816.2	3811.6			
3211 Spinning, weaving and finishing textiles		48	52	50		3726	3283	3452		833.6	979.0	1167.3			
3212 Made-up textile goods excl. wearing apparel		40	54	55		566	573	618		114.6	176.3	249.7			
3213 Knitting mills		74	63	66		5417	4604	5137		1119.8	1229.0	1663.8			
3214 Carpets and rugs		8	12	9		138	148	237		45.3	64.3	84.6			
3215 Cordage, rope and twine		5	3	6		555	447	446		146.6	136.9	171.5			
3219 Other textiles		13	17	17		495	922	1266		162.6	292.4	494.7			
322 Wearing apparel, except footwear		612	590	568		29324	29771	32892		5761.5	7697.2	10693.8			
323 Leather and fur products		80	60	83		1521	1416	1463		310.6	397.4	509.2			
3231 Tanneries and leather finishing		16	15	13		923	827	858		241.9	273.1	353.3			
3232 Fur dressing and dyeing industries		4	6	7		39	47	36		8.1	16.9	16.1			
3233 Leather products excl. wearing apparel		60	59	63		559	542	569		90.6	107.4	137.8			
324 Footwear, except rubber or plastic		131	122	114		3140	2337	2476		613.1	564.1	723.6			
331 Wood products, except furniture		249	253	255		4527	4036	4234		881.6	986.9	1306.2			
3311 Sawmills, planing and other wood mills		185	194	193		3952	3491	3660		784.3	871.8	1149.7			
3312 Wooden and cane containers		1	1	4		46	69	55		7.2	10.6	11.9			
3319 Other wood and cork products		63	58	58		530	486	529		90.2	103.6	144.6			
332 Furniture and fixtures, excl. metal		506	466	459		2707	2326	2358		432.9	483.1	590.7			
341 Paper and products		38	46	50		2424	2766	2864		942.4	1336.2	1770.6			
3411 Pulp, paper and paperboard articles		2	5	5		9	34	30		1.6	7.4	7.7			
3412 Containers of paper and paperboard		19	22	26		1447	1669	1769		574.8	817.3	1093.0			
3419 Other pulp, paper and paperboard articles		17	19	19		968	1053	1056		366.1	511.4	670.0			
342 Printing and publishing		284	296	309		4378	4248	4533		1336.3	1638.7	2262.7			
351 Industrial chemicals		42	56	54		2484	2221	2448		927.0	1043.1	1395.4			
3511 Basic chemicals excl. fertilizers		10	13	13		81	104	113		21.0	38.2	54.8			
3512 Fertilizers and pesticides		14	22	19		1515	1490	1669		606.6	740.9	974.1			
3513 Synthetic resins and plastic materials		18	21	22		888	627	666		300.4	284.0	366.6			
352 Other chemicals		173	185	185		5048	5137	5404		1874.0	2442.1	3167.2			
3521 Paints, varnishes and lacquers		24	32	30		787	884	939		300.7	423.6	568.2			
3522 Drugs and medicines		45	60	49		1246	1206	1241		588.4	720.7	924.1			
3523 Soap, cleaning preps., perfumes, cosmetics		49	48	54		2048	2012	2082		666.6	842.4	1074.1			
3529 Other chemical products		55	55	52		967	1036	1142		318.3	466.4	600.8			
353 Petroleum refineries		2	2	2		2116	2760	2318		1000.6	2099.7	2193.6			

354 Misc. petroleum and coal products	2	2	2	86	49	29	17.4	11.9	9.0
355 Rubber products	40	49	50	2484	3172	3420	787.8	1202.7	1612.6
3551 Tyres and tubes	22	24	25	1364	1340	1352	611.9	628.0	801.4
3559 Other rubber products	18	25	25	1120	1832	2068	275.9	674.7	811.2
356 Plastic products	78	98	104	5219	5638	5993	1497.1	1960.2	2606.7
361 Pottery, china, earthenware	75	61	52	831	788	845	226.1	262.2	329.9
362 Glass and products	24	27	36	811	797	869	210.3	252.3	349.1
369 Other non-metallic mineral products	209	209	195	3931	3604	3817	1039.3	1232.0	1638.9
3691 Structural clay products	16	19	20	380	365	296	80.1	91.6	82.6
3692 Cement, lime and plaster	45	61	45	703	786	805	272.1	373.0	475.6
3699 Other non-metallic mineral products	148	129	130	2848	2453	2716	687.2	767.4	1080.8
371 Iron and steel	12	20	20	44	452	476	7.8	168.2	238.1
372 Non-ferrous metals	6	8	6	315	311	316	104.8	118.1	162.6
381 Fabricated metal products	363	361	355	4539	4329	4655	1086.9	1239.6	1667.8
3811 Cutlery, hand tools and general hardware	22	25	23	259	291	279	70.2	80.5	94.4
3812 Furniture and fixtures primarily of metal	60	61	65	745	714	908	138.7	163.7	258.9
3813 Structural metal products	189	181	183	1684	1318	1329	320.6	320.9	401.0
3819 Other fabricated metal products	92	94	84	1951	2006	2139	557.6	674.6	913.6
382 Non-electrical machinery	146	163	163	3242	3256	3722	904.8	1147.0	1662.6
3821 Engines and turbines	29	33	30	233	231	218	60.3	58.7	64.0
3822 Agricultural machinery and equipment	26	27	28	386	451	440	104.9	161.9	187.4
3823 Metal and wood working machinery	13	14	14	87	100	119	19.7	26.2	33.6
3824 Other special industrial machinery	35	34	34	367	296	304	90.2	81.4	102.8
3825 Office, computing and accounting machinery	12	15	15	1311	1203	1509	384.7	466.7	734.4
3829 Other non-electrical machinery & equipment	31	40	44	858	974	1132	255.0	363.1	530.4
383 Electrical machinery	72	99	100	3988	4616	5631	1237.9	1796.6	2646.6
3831 Electrical industrial machinery	18	23	23	944	1024	1115	313.3	425.1	591.6
3832 Radio, television and communication equipm.	19	25	26	393	1117	1322	119.6	404.0	638.8
3833 Electrical appliances and housewares	17	14	12	766	1166	1708	174.8	339.8	592.2
3839 Other electrical apparatus and supplies	25	37	39	1885	1309	1486	630.2	627.6	823.0
384 Transport equipment	93	114	106	1832	1766	1702	587.4	688.0	959.3
3841 Shipbuilding and repairing	17	5	15	251	239	228	61.7	70.1	86.2
3842 Railroad equipment	1	-	-	4	-	-	2.2	-	-
3843 Motor vehicles	54	76	69	498	457	471	99.8	104.8	124.4
3844 Motorcycles and bicycles	9	11	9	179	131	95	39.9	42.1	30.7
3845 Aircraft	7	8	9	841	861	942	362.4	468.6	701.7
3849 Other transport equipment	5	4	4	69	48	53	11.3	12.4	16.3
385 Professional and scientific equipment	27	33	35	267	301	306	67.8	93.0	123.9
3851 Prof. and scientific equipment n e c.	12	16	18	121	90	79	27.7	26.2	48.6
3852 Photographic and optical goods	13	16	16	146	210	225	30.6	56.7	75.3
3853 Watches and clocks	-	1	1	-	1	1	-	0.1	0.1
390 Other manufacturing industries	103	111	102	3767	3430	3841	587.0	786.1	1115.3
3901 Jewellery and related articles	17	19	17	561	363	407	139.0	81.9	116.6
3902 Musical instruments	3	5	5	20	23	20	3.4	3.7	4.6
3903 Sporting and athletic goods	14	17	14	1440	1671	1817	167.2	223.3	336.6
3909 Manufacturing industries, n e c.	66	70	66	1246	1473	1697	307.4	466.3	668.8
3 Total manufacturing	4686	4839	4830	134393	134576	146386	34232.8	44610.9	60424.6

a/ Data are provisional

Costa Rica

ISIC Industry	Note	Output in producers' prices (million COLONES)				Note	Value added in producers' prices (million COLONES)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993a/		1990	1991	1992	1993a/	1990	1993	1990	1993
311 2 Food Products		114127	156801	180984	220544		26740	37234	44484	51902	23.4	23.5	29.4	
3111 Slaughtering, preparing & preserving meat		15559	21188	23561	27337		2894	4009	3472	5057	18.6	18.5	28.0	
3112 Dairy products		21028	27620	36254	44546		4231	5652	7443	8913	20.1	20.0	21.2	
3113 Canning, preserving of fruits & vegetables		3180	4856	6856	7846		939	1459	2066	2304	29.5	29.4	29.8	
3114 Canning, preserving and processing of fish		1726	2823	3509	3959		310	515	642	707	17.9	17.8	93.9	
3115 Vegetable and animal oils and fats		9111	11093	15013	19955		2132	2640	3823	4643	23.4	23.3	19.8	
3116 Grain mill products		30509	43495	34525	45355		5902	8553	6827	8731	19.3	19.3	28.2	
3117 Bakery products		16510	22440	30851	35643		5428	7503	10348	11651	32.9	32.7	20.2	
3118 Sugar factories and refineries		7,54	9723	12703	14242		3046	3986	5225	5709	40.3	40.1	23.8	
3119 Cocoa, chocolate and sugar confectionery		2195	3050	5662	6394		639	1169	1681	1850	29.1	28.9	66.0	
3121 Other food products		2453	3559	3559	3168		710	999	1051	912	28.0	28.8	89.7	
3122 Prepared animal feeds		4362	6220	7492	12099		510	749	906	1425	11.8	11.8	32.8	
313 Beverages		21746	31988	41316	45344		11716	17450	22757	23869	53.9	52.6	9.4	
3131 Distilling, rectifying and blending spirits		1944	2826	3770	3347		1208	1933	2587	2238	67.3	66.9	14.3	
3132 Wine industries		39	48	40	33		18	23	19	16	47.2	46.8	65.4	
3133 Malt liquors and malt		9563	13565	18391	17839		5694	8214	11172	10561	59.5	59.2	4.6	
3134 Soft drinks and carbonated waters		10201	15549	19115	24126		4696	7280	8978	11044	46.0	45.6	13.8	
314 Tobacco		4620	6588	8591	5464		2878	4174	5460	3384	62.3	61.9	13.8	
321 Textiles		8540	10239	11815	13785		2948	3543	4092	4581	34.5	33.2	81.8	
3211 Spinning, weaving and finishing textiles		3929	5373	6343	7896		1266	1760	2085	2529	32.2	32.0	65.9	
3212 Made-up textile goods excl. wearing apparel		67	74	100	106		19	22	29	30	28.5	28.4		
3213 Knitting mills		2185	2029	2194	1612		889	840	911	652	40.7	40.4		
3214 Carpets and rugs		286	371	222			90	119	71		31.5		50.3	
3215 Cordage, rope and twine		2072	2392	2955	4171		685	804	996	1370	33.0	32.9	21.4	
3219 Other textiles														
322 Wearing apparel, except footwear		7648	10583	16021	18087		2952	4155	6310	6943	38.6	38.4		
323 Leather and fur products		1188	1317	1649	1897		449	511	639	712	37.8	37.5	75.9	
3231 Tanneries and leather finishing		862	872	1147	1393		312	321	424	502	38.2	36.0	77.4	
3232 Fur dressing and dyeing industries														
3233 Leather prod. excl. wearing apparel		326	445	502	503		137	190	214	210	41.9	41.6	66.3	
324 Footwear, except rubber or plastic		1794	2194	3514	3900		705	877	1409	1524	39.3	39.1	87.0	
331 Wood products, except furniture		4774	5986	7145	7973		2003	2548	3050	3317	41.9	41.6	44.0	
3311 Sawmills, planing and other wood mills		4369	5429	6544	7277		1839	2324	2810	3045	42.1	41.8	42.7	
3312 Wooden and cane containers		191	343	409	456		71	120	154	168	37.0	36.8	10.1	
3319 Other wood and cork products		214	214	193	240		93	95	86	104	43.8	43.4	96.7	
332 Furniture and fixtures, excl. metal		6270	6780	6470	8010		1965	2161	2708	2496	31.1	31.2	22.0	
341 Paper and products		16476	21181	25445	26340		4118	5385	6195	6566	25.0	24.5	22.9	
3411 Pulp, paper and paperboard articles														
3412 Containers of paper and paperboard		14038	18044	21623	22265		3285	4254	5162	5180	23.4	23.3	17.5	
3419 Other pulp, paper and paperboard articles		2438	3137	3822	4074		834	1091	1334	1386	34.2	34.0	43.9	
342 Printing and publishing		9006	11561	15245	20573		3093	4038	5342	7020	34.3	34.2	43.2	
351 Industrial chemicals		12467	16699	24729	21434		3071	4116	5099	5143	24.2	24.0	30.7	
3511 Basic chemicals excl. fertilizers		64	71	110	138		39	44	89	84	61.1	60.6	52.5	
3512 Fertilizers and pesticides		11755	15838	23227	19778		2875	1940	5797	4811	24.5	24.3	21.1	
3513 Synthetic resins and plastic materials		648	790	1393	1518		107	132	234	248	16.5	16.4		
352 Other chemicals		15374	22884	31465	42913		4568	6913	9594	12962	29.7	30.2	41.0	
3521 Paints, varnishes and lacquers		2478	4175	5392	5917		559	958	1218	1327	22.6	22.4	53.8	
3522 Drugs and medicines		4417	7160	9328	1447		2386	3319	5781	37.8	32.6	40.7		
3523 Soap, cleaning preps., perfumes, cosmetics		6686	8884	12281	14407		1892	2557	3546	4055	28.3	28.1	38.7	
3529 Other chemical products		1793	2665	3964	4844		610	1013	1611	1800	37.4	37.2	47.5	
353 Petroleum refineries		12072	11691	19697	19506		3203	3155	5333	5147	25.5	25.4	31.2	

354 Misc petroleum and coal products	25	18	25	28	8	6	9	9	32.8	33.0		
355 Rubber products	4610	5227	6564	6841	1537	1773	2237	2298	33.3	33.8	51.2	
3551 Tyres and tubes	3474	3938	4926	4968	1022	1178	1478	1463	29.4	29.2	60.1	
3559 Other rubber products	1137	1289	1638	1874	516	596	758	846	45.4	45.1	63.6	
356 Plastic products	9396	13050	16304	19496	3296	4656	5836	6800	35.1	34.9	45.4	
361 Pottery, china, earthenware	879	1208	1591	1771	310	433	573	621	35.3	36.1	72.9	
362 Glass and products	2772	3447	3906	4219	1004	1270	1444	1520	36.2	36.0	20.9	
369 Other non-metallic mineral products	8439	9799	12782	15634	3266	3854	4907	5897	38.7	37.7	31.8	
3691 Structural clay products	1587	1626	1760	2377	890	1042	1007	1326	56.1	56.8	9.0	
3692 Cement, lime and plaster	2247	2675	3672	4434	794	982	1325	1569	35.4	35.2	34.3	
3699 Other non-metallic mineral products	4605	5298	7350	8823	1681	1850	2576	3013	34.3	34.1	43.6	
371 Iron and steel												
372 Non-ferrous metals	419	640	78	831	100	165	172	197	23.8	23.7		
381 Fabricated metal products	7784	10548	14383	17607	1796	2431	3380	4122	23.1	23.4	60.6	
3811 Cutlery, hand tools and general hardware												
3812 Furniture and fixtures primarily of metal	756	902	1548	2229	336	408	702	985	44.4	44.2	41.3	
3813 Structural metal products	1022	1234	1379	1770	288	354	396	496	28.2	28.0		
3819 Other fabricated metal products	6006	8412	11456	13608	1172	1670	2282	2641	19.5	19.4	47.6	
382 Non-electrical machinery	3642	4458	6701	9199	1203	1637	2296	3033	34.0	33.0	75.2	
3821 Engines and turbines												
3822 Agricultural machinery and equipment												
3823 Metal and wood working machinery	58	88	128	175	19	29	42	56	32.4	32.2		
3824 Other special industrial machinery	635	774	963	985	275	341	425	424	43.3	43.0	32.9	
3825 Office, computing and accounting machinery												
3829 Other non-electrical machinery & equipment	2850	3596	5610	8039	910	1168	1828	2563	31.9	31.8	28.0	
383 Electrical machinery	11998	18187	29700	40897	3027	4504	7409	9774	25.2	23.9	40.9	
3831 Electrical industrial machinery	475	572	838	886	165	204	229	308	35.0	34.8		
3832 Radio, television and communication equipa	9045	14164	24094	34411	1980	3163	5381	7494	21.9	21.8	6.0	
3833 Electrical appliances and housewares												
3839 Other electrical apparatus and supplies	2477	3450	4768	6581	880	1247	1729	1972	35.5	35.3	71.6	
384 Transport equipment	3021	3384	6286	5433	1534	1701	3228	2787	49.8	50.7	37.7	
3841 Shipbuilding and repairing	394	348	397	465	178	160	183	182	45.2	45.0	34.6	
3842 Railroad equipment												
3843 Motor vehicles	1351	1850	3672	2955	588	819	1629	1273	43.5	43.2	17.0	
3844 Motorcycles and bicycles	280	143			115	60			41.1		34.7	
3845 Aircraft	996	1041	2217	2124	624	663	1415	1328	62.6	62.2	56.5	
3845 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	921	1049	1576	1508	348	403	613	672	37.8	37.9		
3901 Jewellery and related articles	60	56	175	168	27	25	78	74	44.3	44.0		
3902 Musical instruments												
3903 Sporting and athletic goods												
3909 Manufacturing industries, n.e.c.	861	993	1401	1020	322	377	534	498	37.4	37.2	95.5	
3 Total manufacturing	289906	387503	496610	679289	87759	119082	165872	173192	30.3	29.9	39.0	

a/ Data are provisional

Costa Rica

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million COLONES)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products						114	121	129	134	136	142			
313 Beverages						129	142	150	147	155	158			
314 Tobacco						106	101	90	91	83	84			
321 Textiles						104	105	109	110	110	105			
322 Wearing apparel, except footwear						123	103	85	88	81	62			
323 Leather and fur products					a/	119	110	101	83	92	80			
324 Footwear, except rubber or plastic					a/									
331 Wood products, except furniture						73	63	74	76	61	80			
332 Furniture and fixtures, excl metal						63	73	77	81	90	91			
341 Paper and products						107	100	102	116	128	133			
342 Printing and publishing						172	196	214	217	210	208			
351 Industrial chemicals						73	73	80	94	128	144			
352 Other chemicals						97	95	95	92	97	96			
353 Petroleum refineries						81	121	128	118	121	77			
354 Misc petroleum and coal products														
355 Rubber products						91	81	96	98	102	102			
356 Plastic products						94	95	104	103	107	106			
361 Pottery, china, earthenware														
362 Glass and products														
369 Other non-metallic mineral products						113	119	134	158	167	157			
371 Iron and steel														
372 Non-ferrous metals														
381 Fabricated metal products						80	78	95	93	110	107			
382 Non-electrical machinery						58	67	79	78	65	65			
383 Electrical machinery						52	63	64	66	71	70			
384 Transport equipment						25	33	30	35	35	40			
385 Professional and scientific equipment														
390 Other manufacturing industries						91	86	90	86	104	96			
3 Total manufacturing						102	107	113	116	119	123			

a/ 323 includes 324

CÔTE D'IVOIRE

Supplier of information:

Institut national de la statistique, Abidjan.

Basic source of data:

National accounts report.

Major deviations from current version of ISIC:

Data are available only by broad groupings of industries.

Reference period (if not calendar year):

Scope:

All industrial enterprises over a certain size in the modern sector. These enterprises account for about 80 per cent of total industrial turnover.

Method of enumeration:

Establishments are sampled.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Value added is total value added.

Related national publications:

Les Comptes de la Nation (semi-définitifs) 1ère version, published by the Institut national de la statistique, Abidjan.

Côte d'Ivoire

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

Côte d'Ivoire

ISIC Industry	Note	Output (billion CFA FRANCS)				Note	Value added in producers' prices (billion CFA FRANCS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products						a/	169	168	168	148				
313 Beverages							18	18	18	19				
314 Tobacco						a/								
321 Textiles						b/	65	58	61	48				
322 wearing apparel, except footwear						b/								
323 Leather and fur products						c/	3	3	4	4				
324 Footwear, except rubber or plastic						c/								
331 wood products, except furniture						d/	30	30	30	32				
332 Furniture and fixtures, excl metal						d/								
341 Paper and products														
342 Printing and publishing														
351 Industrial chemicals						e/	36	32	32	30				
352 Other chemicals						e/								
353 Petroleum refineries						f/	125	93	96	100				
354 Misc petroleum and coal products						f/								
355 Rubber products							6	6	6	6				
356 Plastic products						e/								
361 Pottery, china, earthenware						g/	9	8	9	9				
362 Glass and products						g/								
369 Other non-metallic mineral products						g/								
371 Iron and steel						h/	2	1	1	1				
372 Non-ferrous metals						h/								
381 Fabricated metal products						i/	27	24	24	26				
382 Non-electrical machinery						i/								
383 Electrical machinery						i/								
384 Transport equipment							41	41	40	32				
385 Professional and scientific equipment														
390 Other manufacturing industries							14	16	14	14				
3 Total manufacturing							645	498	493	466				

a/ 311/2 includes 314
c/ 323 includes 324
e/ 351 includes 352 and 356
g/ 361 includes 362 and 369
i/ 381 includes 382 and 383

b/ 321 includes 322.
d/ 331 includes 332.
f/ 353 includes 354
h/ 371 includes 372.

Côte d'Ivoire

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(billion CFA FRANCS)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products						126	147	150	156	154	143	152	198	296
313 Beverages						76	75	81	81	78	65	58	56	53
314 Tobacco						64	68	66	58	64	48	47	44	40
321 Textiles					a/	122	120	126	140	145	118	112	109	114
322 Wearing apparel, except footwear					a/									
323 Leather and fur products														
324 Footwear, except rubber or plastic														
331 Wood products, except furniture						53	56	53	56	57	54	49	47	40
332 Furniture and fixtures, excl metal						13	12	11	8	4	3	2	1	1
341 Paper and products														
342 Printing and publishing														
351 Industrial chemicals					b/	101	103	102	109	94	96	93	91	96
352 Other chemicals					b/									
353 Petroleum refineries					c/	140	144	176	206	207	210	207	200	183
354 Misc petroleum and coal products					c/									
355 Rubber products					d/	96	109	122	149	148	160	166	160	126
356 Plastic products					d/	88	82	56	61	38	25	22	28	18
361 Pottery, china, earthenware						12	8	12	11	12	7	1	2	3
362 Glass and products						149	283	188	86	110	107	147	118	253
369 Other non-metallic mineral products														
371 Iron and steel														
372 Non-ferrous metals														
381 Fabricated metal products						180	206	174	183	198	147	128	128	131
382 Non-electrical machinery						151	77	74	176	114	21	11	25	21
383 Electrical machinery						75	75	67	104	124	116	72	63	28
384 Transport equipment						54	96	61	39	34	32	31	38	33
385 Professional and scientific equipment														
390 Other manufacturing industries						62	77	80	46	32	19	22	30	22
3 Total manufacturing						103	116	113	115	114	100	98	111	138

a/ 321 includes 322
c/ 353 includes 354

b/ 351 includes 352
d/ Plastic shoes only.

CROATIA

Supplier of information:

Central Bureau of Statistics (CBS) of the Republic of Croatia, Zagreb.

Basic source of data:

The Complex Annual Report of Economic Establishments and the Annual Report on Investment in Fixed Assets.

Major deviations from current version of ISIC:

The CBS has reclassified data collected under the national industrial classification system to correspond to the current version of the ISIC.

Reference period (if not calendar year):

Scope:

Not reported.

Method of enumeration:

Questionnaires are distributed by mail.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Wages and salaries refers to net wages after subtraction of social insurance contributions, contributions to pension and welfare funds and taxes. Daily allowances, travelling costs, allowances for food and working clothing and some other allowances are included.

Gross fixed capital formation refers to investment in industry during the reference year, regardless of the time of payment.

Related national publications:

Croatia

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	wages and salaries paid to employees (thousand KUNAS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311 Food Products		423	402	413	438		61373	57661	47233	42472		566	4198	7068	26881
313 Beverages		75	79	74	95		8833	9170	8342	7539		92	737	1310	5322
314 Tobacco		13	10	10	10		3387	3337	3046	2685		41	358	621	2633
321 Textiles		133	158	174	191		50886	44561	33333	28708		368	1849	2763	12604
322 wearing apparel, except footwear		103	157	198	239		41283	39815	32824	27368		304	1718	2693	16844
323 Leather and fur products		25	38	45	50		3363	5966	4486	3628		52	300	386	1616
324 Footwear, except rubber or plastic		45	53	50	51		30870	27969	18316	9808		242	1085	938	6970
331 Wood products, except furniture		175	219	274	327		23936	23505	16878	14666		198	979	1287	8091
332 Furniture and fixtures, excl metal		98	91	110	137		25484	21688	17360	16261		203	900	1346	7689
341 Paper and products		58	59	70	94		10333	12187	9789	7160		106	768	1120	4788
342 Printing and publishing		263	365	491	544		18436	18433	14191	12208		216	1666	2503	10090
351 Industrial chemicals		61	40	43	49		14234	16212	16491	11484		290	1319	1958	7862
352 Other chemicals		76	64	81	116		10846	15013	12853	12714		164	1266	2200	10382
353 Petroleum refineries		7	5	4	4		8292	6621	6600	6966		113	767	1190	4266
354 Misc petroleum and coal products		7	8	6	7		879	923	806	781		12	64	111	700
355 Rubber products		10	21	27	31		7768	7949	4968	964		76	391	269	646
356 Plastic products		79	140	170	240		10610	12626	8666	6121		116	666	707	4019
361 Pottery, china, earthenware		10	6	7	8		3134	2886	2601	2266		30	136	284	1136
362 Glass and products		16	15	15	22		6400	6406	4327	3409		69	346	474	2227
369 Other non-metallic mineral products		121	122	133	146		19477	18436	16320	13816		198	1048	1716	8674
371 Iron and steel		62	68	83	80		19708	26646	14617	12694		214	1386	1660	7064
372 Non-ferrous metals		12	11	12	21		4771	6280	4126	2213		60	364	373	1118
381 Fabricated metal products		234	352	462	609		43711	40276	28621	20868		427	2076	2460	12664
382 Non-electrical machinery		318	403	534	624		64666	44478	32931	27660		766	2743	3346	16301
383 Electrical machinery		107	189	304	419		32966	33489	27637	24844		376	2134	3312	16661
384 Transport equipment		78	73	106	134		33920	30709	28261	23641		476	2278	6728	14410
385 Professional and scientific equipment		9	23	43	50		1694	1626	1619	1447		16	67	171	697
390 Other manufacturing industries		21	28	38	57		2306	2160	1883	1661		22	127	206	869
3 Total manufacturing		2639	3199	3976	4790		564366	532603	412713	342019		6787	31663	48968	211294

Croatia

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(thousand KUNAS)					(thousand KUNAS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		7955	34358	55982	444792		2998	12916	23971	182907	37.7	41.1	18.9	14.7
313 Beverages		976	4664	10126	83096		526	2485	4530	38708	53.8	46.6	17.6	13.7
314 Tobacco		416	2272	6564	54303		267	1384	4391	35748	64.4	66.8	16.6	7.1
321 Textiles		2996	9260	14990	111368		1796	4673	8279	67065	59.9	61.2	20.6	22.1
322 Wearing apparel, except footwear		1593	6491	11221	86502		1106	3792	7089	63963	69.4	62.4	27.6	29.4
323 Leather and fur products		458	1800	2170	16482		218	646	1012	7273	47.2	44.2	24.2	22.2
324 Footwear, except rubber or plastic		1543	4493	4413	32916		888	2029	2319	17200	57.6	52.3	27.3	34.7
331 Wood products, except furniture		1454	5508	8017	80891		761	2087	3616	38200	62.3	47.2	26.0	21.2
332 Furniture and fixtures, excl. metal		1314	4150	7349	64796		732	1916	3483	28938	56.7	46.0	27.7	26.6
341 Paper and products		1321	5076	8626	61475		676	2270	3778	23643	43.6	38.6	18.2	20.2
342 Printing and publishing		1122	8180	12359	69674		628	4409	6286	34428	68.0	49.6	34.4	29.3
351 Industrial chemicals		3839	9238	18693	148618		1289	1700	6661	37066	33.6	26.4	22.6	20.9
352 Other chemicals		2213	9532	16411	148395		991	4263	8256	65110	44.8	64.6	16.6	12.8
353 Petroleum refineries		3996	16638	16282	126660		873	1380	14125	49436	18.8	39.3	16.8	8.6
354 Misc. petroleum and coal products		462	674	964	8696		207	-27	207	3932	44.9	46.2	9.9	17.8
355 Rubber products		530	1964	1653	8086		226	706	646	4138	42.6	61.2	33.8	16.6
356 Plastic products		921	4033	6249	41746		424	1610	2614	17936	46.1	43.0	27.2	22.4
361 Pottery, china, earthenware		207	844	1216	11096		122	602	606	4662	69.0	41.1	24.3	24.9
362 Glass and products		416	2167	3896	23193		236	1176	2103	12252	56.4	62.8	26.1	18.2
369 Other non-metallic mineral products		1175	6700	9271	79932		683	2726	4601	40940	49.6	61.2	34.0	20.9
371 Iron and steel		3190	7963	8199	72016		786	2666	2136	28256	24.6	39.2	27.2	26.0
372 Non-ferrous metals		1264	3136	4601	26761		423	1188	1643	10721	33.6	41.6	14.2	10.4
381 Fabricated metal products		2752	10113	13886	100286		1669	4698	6791	49658	56.7	49.6	27.4	26.6
382 Non-electrical machinery		4660	12434	14827	113666		2721	6790	7660	61801	58.6	64.2	28.1	28.6
383 Electrical machinery		2677	10606	17527	140323		1607	6690	9690	73682	66.3	62.6	24.9	22.6
384 Transport equipment		3470	10696	17639	156800		1912	3799	8040	68222	66.9	66.6	24.8	16.3
385 Professional and scientific equipment		64	329	966	6638		48	228	671	3883	76.3	68.6	30.6	26.7
390 Other manufacturing industries		136	522	878	6663		92	310	683	3193	66.4	67.6	23.9	27.2
3 Total manufacturing		53062	192718	291646	2321120		24289	76699	117321	1089163	46.8	46.9	23.8	19.4

Croatia

Gross fixed capital formation

ISIC Industry	Note	(thousand KUNAS)			
		1989	1990	1991	1992
311/2 Food Products		103	891	1603	13981
313 Beverages		10	69	272	1808
314 Tobacco		3	35	93	666
321 Textiles		36	285	407	1419
322 Wearing apparel, except footwear		30	166	288	1482
323 Leather and fur products		5	10	8	197
324 Footwear, except rubber or plastic		7	46	19	636
331 Wood products, except furniture		28	110	75	1186
332 Furniture and fixtures, excl. metal		30	206	32	1896
341 Paper and products		17	81	175	1889
342 Printing and publishing		11	171	360	1310
351 Industrial chemicals		191	247	166	1749
352 Other chemicals		74	221	432	13427
353 Petroleum refineries		28	164	247	3226
354 Misc. petroleum and coal products		11	-	3	84
355 Rubber products		-	15	1	57
356 Plastic products		90	32	68	967
361 Pottery, china, earthenware		4	50	250	1803
362 Glass and products		37	100	90	9270
369 Other non-metallic mineral products		35	113	176	3099
371 Iron and steel		15	158	132	990
372 Non-ferrous metals		21	106	1	63
381 Fabricated metal products		43	147	369	1169
382 Non-electrical machinery		58	378	428	1669
383 Electrical machinery		140	241	385	3691
384 Transport equipment		38	411	2430	6363
385 Professional and scientific equipment		1	8	6	42
390 Other manufacturing industries		1	11	15	38
3 Total manufacturing		1068	4412	8647	73943

Index numbers of industrial production

ISIC Industry	Note	(1980=100)								
		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		100	100	100	100	100	100	100	100	100
313 Beverages		100	100	100	100	100	100	100	100	100
314 Tobacco		100	100	100	100	100	100	100	100	100
321 Textiles		100	100	100	100	100	100	100	100	100
322 Wearing apparel, except footwear		100	100	100	100	100	100	100	100	100
323 Leather and fur products		100	100	100	100	100	100	100	100	100
324 Footwear, except rubber or plastic		100	100	100	100	100	100	100	100	100
331 Wood products, except furniture		100	100	100	100	100	100	100	100	100
332 Furniture and fixtures, excl. metal		100	100	100	100	100	100	100	100	100
341 Paper and products		100	100	100	100	100	100	100	100	100
342 Printing and publishing		100	100	100	100	100	100	100	100	100
351 Industrial chemicals		100	100	100	100	100	100	100	100	100
352 Other chemicals		100	100	100	100	100	100	100	100	100
353 Petroleum refineries		100	100	100	100	100	100	100	100	100
354 Misc. petroleum and coal products		100	100	100	100	100	100	100	100	100
355 Rubber products		100	100	100	100	100	100	100	100	100
356 Plastic products		100	100	100	100	100	100	100	100	100
361 Pottery, china, earthenware		100	100	100	100	100	100	100	100	100
362 Glass and products		100	100	100	100	100	100	100	100	100
369 Other non-metallic mineral products		100	100	100	100	100	100	100	100	100
371 Iron and steel		100	100	100	100	100	100	100	100	100
372 Non-ferrous metals		100	100	100	100	100	100	100	100	100
381 Fabricated metal products		100	100	100	100	100	100	100	100	100
382 Non-electrical machinery		100	100	100	100	100	100	100	100	100
383 Electrical machinery		100	100	100	100	100	100	100	100	100
384 Transport equipment		100	100	100	100	100	100	100	100	100
385 Professional and scientific equipment		100	100	100	100	100	100	100	100	100
390 Other manufacturing industries		100	100	100	100	100	100	100	100	100
3 Total manufacturing		100	100	100	100	100	100	100	100	100

CYPRUS

Supplier of information:

Department of Statistics and Research, Ministry of Finance, Nicosia.

Basic source of data:

Annual survey of industrial production.

Major deviations from current version of ISIC:

Data exclude cottage industry (embroidery, weaving and cane products).

Reference period (if not calendar year):

Scope:

All establishments in the Government controlled areas, with adjustments on the basis of the results of the 1992 census. The index numbers of industrial production cover a representative sample of all establishments.

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.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Output is gross output. It does not include VAT.

Value added is total value added.

Related national publications:

Industrial Statistics (annual); Statistical Abstract (annual); Economic Report (annual); Index Numbers of Industrial Production (irregular), all published by the Department of Statistics and Research, Ministry of Finance, Nicosia.

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ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (thousand POUNDS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311 Food Products		926	923	924	922		6860	5233	5988	5945		22885	24458	27981	31060
3111 Slaughtering, preparing & preserving meat		86	86	86	86		582	559	570	592		2842	3038	3586	4163
3112 Dairy products		109	109	109	110		815	869	938	1025		3460	3953	4963	5814
3113 Canning, preserving of fruits & vegetables		16	16	16	16		495	489	431	420		1917	1892	2014	2099
3114 Canning, preserving and processing of fish		-	-	-	-		-	-	-	-		-	-	-	-
3115 Vegetable and animal oils and fats		37	37	37	37		157	150	162	135		697	748	789	889
3116 Grain mill products		28	28	28	28		142	146	150	152		850	913	1082	1223
3117 Bakery products		475	472	474	474		2342	2235	2358	2281		7795	8103	9134	9911
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-	-	-
3119 Cocoa, chocolate and sugar confectionery		54	53	52	51		343	328	285	272		1158	1293	1153	1216
3121 Other food products		61	62	62	62		676	713	722	742		2618	2904	3570	3853
3122 Prepared animal feeds		60	60	60	58		347	344	372	328		1539	1517	1680	1882
313 Beverages		57	57	57	57		1905	1938	1989	2039		10909	11922	13459	14780
3131 Distilling, rectifying and blending spirits	a/	39	39	39	39	a/	1375	1315	1310	1347	a/	8028	8330	9148	9856
3132 Wine industries	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
3133 Malt liquors and malt	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
3134 Soft drinks and carbonated waters		18	18	18	18		530	623	679	692		2881	3592	4311	4915
314 Tobacco		7	7	7	7		442	423	411	365		2937	2939	3082	2728
321 Textiles		225	230	230	227		2181	2311	2401	2307		7320	8262	9506	9542
3211 Spinning, weaving and finishing textiles		18	18	18	17		371	369	365	331		1120	1505	1659	1625
3212 Made-up textile goods excl. wearing apparel		102	103	103	103		472	502	494	531		1536	1797	1988	2135
3213 Knitting mills		105	109	109	107		1338	1440	1542	1446		4254	4950	5849	5780
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-	-	-
3219 Other textiles		-	-	-	-		-	-	-	-		-	-	-	-
322 Wearing apparel, except footwear		1430	1420	1410	1350		11272	11009	10778	8581		32049	34063	35712	30228
323 Leather and fur products		97	95	93	86		940	939	905	747		3070	3120	3171	2915
3231 Tanneries and leather finishing		6	6	6	6		62	54	48	45		283	270	251	252
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather goods excl. wearing apparel		91	89	87	80		878	885	857	702		2787	2850	2920	2663
324 Footwear, except rubber or plastic		165	160	155	145		2139	2034	2000	1723		7548	7608	8234	7715
331 Wood products, except furniture		965	961	962	962		1929	1822	2155	2249		7550	7844	9542	10743
3311 Sawmills, planing and other wood mills	b/	855	851	852	852	b/	1825	1715	2017	2115	b/	7150	7355	9041	10188
3312 Wooden and cane containers	b/	-	-	-	-	b/	-	-	-	-	b/	-	-	-	-
3319 Other wood and cork products		100	100	100	100		104	106	138	133		390	459	601	585
332 Furniture and fixtures, excl. metal		708	700	702	702		2321	2310	2391	2539		8894	9701	10348	11510
341 Paper and products		60	60	60	60		779	810	759	748		3442	3728	4226	4078
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard		14	14	14	14		251	267	293	284		1524	1492	1949	1854
3419 Other pulp, paper and paperboard articles		46	46	46	46		518	543	466	484		1918	2235	2277	2514
342 Printing and publishing		330	320	320	320		1843	1702	1771	1818		9291	9494	10716	11708
351 Industrial chemicals		6	6	6	7		94	96	99	153		478	525	637	871
3511 Basic chemicals excl. fertilizers		1	1	1	1		29	27	28	27		183	204	240	241
3512 Fertilizers and pesticides		5	5	5	6		55	69	71	125		295	321	397	630
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		103	108	106	107		1287	1358	1360	1477		5432	6289	7074	8477
3521 Paints, varnishes and lacquers		14	14	14	14		212	230	231	221		982	1158	1294	1429
3522 Drugs and medicines		4	4	4	4		204	248	267	287		738	991	1242	1452
3523 Soap, cleaning preps, perfumes, cosmetics		31	31	31	31		559	595	591	538		2388	2794	3202	3774
3529 Other chemical products		54	59	57	58		312	295	271	331		1324	1345	1335	1752
353 Petroleum refineries		1	1	1	1		143	141	157	152		1759	1924	2208	2514

354 Misc petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	15	15	15	15	140	136	161	148	590	651	782	891	
3551 Tyres and tubes	5	5	5	5	59	57	65	66	305	303	321	440	
3559 Other rubber products	10	10	10	10	81	79	96	82	285	348	461	451	
356 Plastic products	43	43	43	43	1175	1192	1194	1194	5326	5783	6402	7035	
361 Pottery, china, earthenware	63	63	66	66	99	93	165	180	322	301	559	571	
362 Glass and products	33	33	33	33	85	92	74	97	320	412	361	531	
369 Other non-metallic mineral products	235	236	236	236	2399	2428	2552	2486	14007	16051	16135	17554	
3691 Structural clay products	92	92	92	92	1098	1132	1204	1150	5251	5822	6458	6900	
3692 Cement, lime and plaster	5	5	5	5	510	503	519	525	4720	4796	5555	6473	
3699 Other non-metallic mineral products	138	139	139	139	791	793	829	811	4036	4433	4022	4281	
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-	
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	
381 Fabricated metal products	900	906	904	905	2697	2709	2731	2790	11202	12338	13551	14412	
3811 Cutlery, hand tools and general hardware	99	100	100	102	119	128	122	148	554	558	507	770	
3812 Furniture and fixtures primarily of metal	52	52	53	53	446	446	531	538	1631	1881	2511	2533	
3813 Structural metal products	648	652	650	650	1402	1386	1368	1405	5899	6297	6845	7248	
3819 Other fabricated metal products	101	101	101	101	730	749	710	699	3118	3602	3688	3761	
382 Non-electrical machinery	280	280	280	280	1353	1327	1362	1337	5903	6289	7071	7365	
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-	
3822 Agricultural machinery and equipment	c/	280	280	280	c/	1353	1327	1362	1337	c/	5903	6289	
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-	
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-	
3825 Office, computing and accounting machinery	c/	-	-	-	c/	-	-	-	c/	-	-	-	
3829 Other non-electrical machinery & equipment	c/	-	-	-	c/	-	-	-	c/	-	-	-	
383 Electrical machinery	95	92	92	91	694	646	634	614	2915	2842	3194	3408	
3831 Electrical industrial machinery	34	33	33	33	92	81	81	77	369	368	420	434	
3832 Radio, television and communication equipm	7	7	7	6	20	28	32	14	88	128	163	47	
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-	
3839 Other electrical apparatus and supplies	54	52	52	52	582	536	521	523	2458	2346	2511	2927	
384 Transport equipment	76	76	76	75	429	410	374	341	2025	2102	2059	1895	
3841 Shipbuilding and repairing	24	24	24	23	170	144	137	105	875	822	816	668	
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3843 Motor vehicles	52	52	52	52	259	266	237	236	1150	1280	1243	1227	
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-	
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	
385 Professional and scientific equipment	3	3	3	3	6	7	7	10	20	20	32	43	
3851 Prof. and scientific equipment n e c	2	2	2	2	-	-	-	-	-	-	-	-	
3852 Photographic and optical goods	1	1	1	1	6	7	7	10	20	20	32	43	
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-	
390 Other manufacturing industries	397	395	392	381	1085	1039	986	899	3979	4148	4031	4079	
3901 Jewellery and related articles	290	288	285	280	775	757	736	674	2954	3179	3073	3071	
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-	
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-	
3909 Manufacturing industries, n e c	107	107	107	101	310	272	250	225	1025	969	958	1008	
3 Total manufacturing	7224	7189	7173	7082	43317	42614	43404	41029	170174	181814	200173	206884	

a/ 3131 includes 3132 and 3133
c/ 3822 includes 3825 and 3829

b/ 3311 includes 3312

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ISIC Industry	Note	Output in producers' prices (thousand POUNDS)				Note	Value added in producers' prices (thousand POUNDS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
		3112 Food Products		154574	165307		180886	188110	46160	50859	56186	62508	29.9	33.2	49.6	49.7
3111 Slaughtering, preparing & preserving meat		11922	12614	14443	15119	5076	5049	5883	6445	42.6	42.6	56.0	64.6	
3112 Dairy products		30160	34624	36648	43901	7553	8704	9656	12065	25.0	27.5	45.8	48.2	
3113 Canning, preserving of fruits & vegetables		9420	11736	11753	10876	2709	3836	3896	3806	28.8	36.0	70.8	56.2	
3114 Canning, preserving and processing of fish		-	-	-	-	-	-	-	-	-	-	-	-	
3115 Vegetable and animal oils and fats		14667	13028	18454	14847	1904	1761	2892	2922	13.0	19.7	36.6	30.4	
3116 Grain mill products		6989	8065	8569	8615	1843	2087	2146	2312	26.4	26.8	46.7	52.9	
3117 Bakery products		34808	37117	40264	43281	15361	16114	17612	20128	44.1	46.6	60.8	49.2	
3118 Sugar factories and refineries		-	-	-	-	-	-	-	-	-	-	-	-	
3119 Cocoa, chocolate and sugar confectionery		8799	9442	8109	8374	2756	2837	2272	2483	31.3	29.7	42.0	49.0	
3121 Other food products		16990	18991	21367	22001	5327	6777	8346	9050	31.4	41.1	49.1	42.6	
3122 Prepared animal feeds		20819	19690	21279	21096	3543	3694	3584	3298	17.5	16.6	42.2	57.1	
313 Beverages		71070	70408	79781	78542	33458	31459	38655	35054	47.1	44.6	32.6	42.2	
3131 Distilling, rectifying and blending spirits	a/	42675	39245	47270	43097	24618	22909	27533	22596	57.7	52.4	32.6	43.7	
3132 Wine industries	a/	-	-	-	-	-	-	-	-	-	-	-	-	
3133 Malt liquors and malt	a/	-	-	-	-	-	-	-	-	-	-	-	-	
3134 Soft drinks and carbonated waters		28395	31163	32511	35446	8840	8550	11122	12456	31.1	36.1	32.6	39.5	
314 Tobacco		34097	36080	48179	42811	18752	19866	27200	28661	55.0	66.9	15.7	9.5	
321 Textiles		36021	39417	41727	38522	14713	16424	17396	16546	40.8	43.0	49.8	57.7	
3211 Spinning, weaving and finishing textiles		9077	8345	8792	8906	3484	3343	3689	3560	38.2	40.0	43.9	45.7	
3212 Made-up textile goods excl. wearing apparel		8232	9546	9645	9266	3234	3687	3746	3843	39.3	41.6	47.6	56.6	
3213 Knitting mills		18712	21526	23290	20351	8016	9394	9961	9143	42.8	44.9	53.2	63.2	
3214 Carpets and rugs		-	-	-	-	-	-	-	-	-	-	-	-	
3215 Cordage, rope and twine		-	-	-	-	-	-	-	-	-	-	-	-	
3219 Other textiles		-	-	-	-	-	-	-	-	-	-	-	-	
322 Wearing apparel, except footwear		142342	150964	153576	126193	53867	54608	56547	46896	37.8	37.2	59.5	64.5	
323 Leather and fur products		13791	11811	11959	9630	4969	4889	5059	4154	36.0	43.1	61.8	70.2	
3231 Tanneries and leather finishing		2577	1470	1954	2019	616	342	609	806	23.9	39.9	45.9	31.3	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-	-	-	-	-	
3233 Leather prods. excl. wearing apparel		11214	10341	10005	7611	4353	4541	4450	3348	38.8	44.0	64.0	79.5	
324 Footwear, except rubber or plastic		35595	36643	32216	27434	13589	13036	13220	11928	38.2	43.5	56.5	64.7	
331 Wood products, except furniture		42132	46433	48586	51020	17891	20059	21257	22681	42.6	44.2	42.2	47.5	
3311 Sawmills, planing and other wood mills	b/	40271	44382	45981	48226	16926	19000	19848	21193	42.0	43.9	42.3	48.1	
3312 Wooden and cane containers	b/	-	-	-	-	-	-	-	-	-	-	-	-	
3319 Other wood and cork products		1861	2051	2605	2794	966	1059	1409	1368	51.9	49.0	40.4	40.6	
332 Furniture and fixtures, excl. metal		36007	37300	43008	42361	16402	17176	18935	18750	46.6	44.3	54.2	61.9	
341 Paper and products		29061	24970	25610	24308	7711	7792	8729	8226	26.5	33.8	44.6	49.6	
3411 Pulp, paper and paperboard articles		-	-	-	-	-	-	-	-	-	-	-	-	
3412 Containers of paper and paperboard		12689	8179	8781	7531	3289	3094	3523	2708	26.9	36.0	46.3	57.8	
3419 Other pulp, paper and paperboard articles		16372	16791	16829	16777	4422	4698	5200	5518	27.0	32.9	43.4	45.6	
342 Printing and publishing		40013	39768	44303	44757	16936	17581	20634	20667	42.3	46.0	54.9	56.9	
351 Industrial chemicals		4155	3267	5335	5574	1460	1174	1624	1563	35.1	28.0	32.7	56.7	
3511 Basic chemicals excl. fertilizers		720	869	1023	1139	460	531	647	634	62.5	55.7	40.7	36.0	
3512 Fertilizers and pesticides		3435	2398	4312	4435	1010	643	977	929	29.4	20.9	29.2	67.8	
3513 Synthetic resins and plastic materials		-	-	-	-	-	-	-	-	-	-	-	-	
352 Other chemicals		46479	55337	56954	58982	12574	15107	16441	20097	27.1	34.1	43.2	41.9	
3521 Paints, varnishes and lacquers		7611	8564	8562	9506	2027	2406	2694	2953	26.6	31.1	48.4	48.4	
3522 Drugs and medicines		8251	12548	13551	15122	2069	2566	3716	5046	26.0	33.4	36.8	29.0	
3523 Soap, cleaning preps., perfumes, cosmetics		17489	21102	22847	24102	4766	6973	7149	8616	27.3	36.3	50.1	44.3	
3529 Other chemical products		13078	13123	10994	10252	3722	3163	2883	3683	28.5	34.9	35.6	48.9	
353 Petroleum refineries		53642	59674	52907	53972	3134	3752	4177	5053	6.8	9.4	56.1	61.7	

354 Misc petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	3311	2766	4038	3788	1358	1076	1567	1604	41 0	42 3	43 4	56 6		
3551 Tyres and tubes	1866	1355	1674	1689	708	470	668	729	37 9	43 2	43 1	60 4		
3559 Other rubber products	1445	1411	2364	2099	650	606	899	875	45 0	41 7	43 8	51 6		
356 Plastic products	29841	33006	32131	32563	11498	13429	14224	14024	38 5	43 1	46 3	60 2		
361 Pottery, china, earthenware	1410	1349	2075	2220	800	783	1270	1244	56 7	56 0	40 2	45 9		
362 Glass and products	2044	2623	2157	2567	668	868	750	959	32 7	37 4	47 9	56 4		
369 Other non-metallic mineral products	75351	77571	83735	86474	31641	32392	34711	38839	42 0	44 9	44 3	41 5		
3691 Structural clay products	21477	23641	27385	28566	9780	10627	11911	12719	45 5	44 6	53 7	54 2		
3692 Cement, lime and plaster	28051	27271	29770	31900	13475	13218	14084	17434	48 0	54 7	35 0	37 1		
3699 Other non-metallic mineral products	25823	26659	27580	26008	8385	8547	8716	8686	32 5	33 4	48 1	49 3		
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-		
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-		
381 Fabricated metal products	72498	79592	76984	75216	25092	27873	27123	27694	34 6	36 8	44 6	52 0		
3811 Cutlery, hand tools and general hardware	4272	4175	2726	3916	1345	1365	1114	1735	31 5	44 3	41 2	44 4		
3812 Furniture and fixtures primarily of metal	7036	7856	10656	11101	2987	3375	4438	4366	42 2	39 3	55 0	60 3		
3813 Structural metal products	39618	42813	41972	42147	13337	15184	14382	15021	33 7	35 6	44 2	48 3		
3819 Other fabricated metal products	21572	24748	21650	18052	7443	7949	7189	6572	34 5	36 4	41 9	57 2		
382 Non-electrical machinery	26261	28172	27489	28030	10910	12034	12497	12685	41 5	45 3	54 1	58 1		
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-		
3822 Agricultural machinery and equipment	c/ 26261	28172	27489	28030	c/ 10910	12034	12497	12685	41 5	45 3	54 1	58 1		
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-		
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-		
3825 Office, computing and accounting machinery	c/ -	-	-	-	c/ -	-	-	-	-	-	-	-		
3829 Other non-electrical machinery & equipment	c/ -	-	-	-	c/ -	-	-	-	-	-	-	-		
383 Electrical machinery	15044	14201	17476	17281	5395	5111	5950	5995	35 9	34 7	54 0	56 8		
3831 Electrical industrial machinery	1307	1318	1473	1789	630	703	672	765	48 2	42 8	58 5	56 7		
3832 Radio, television and communication equipm	195	269	303	130	69	102	178	80	36 4	61 5	-	58 7		
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-		
3839 Other electrical apparatus and supplies	13542	12614	15700	15362	4696	4306	5100	5149	34 7	33 5	52 3	56 8		
384 Transport equipment	8817	8777	9459	8323	4026	4143	3842	3820	45 7	45 9	60 3	49 6		
3841 Shipbuilding and repairing	2452	2706	3297	2611	1448	1470	1426	1318	59 1	50 5	60 4	60 7		
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-		
3843 Motor vehicles	6365	6071	6162	5712	2578	2673	2416	2502	40 5	43 8	44 6	49 0		
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-		
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-		
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-		
385 Professional and scientific equipment	237	311	390	425	64	60	93	109	27 0	26 6	31 3	39 4		
3851 Prof and scientific equipment n e c	-	-	-	-	-	-	-	-	-	-	-	-		
3852 Photographic and optical goods	237	311	390	425	64	60	93	109	27 0	26 6	31 3	39 4		
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-		
390 Other manufacturing industries	29949	32619	27746	27827	8825	8866	8079	7997	29 5	28 7	45 1	51 0		
3901 Jewellery and related articles	24773	27205	22261	23179	6688	6842	6071	6187	27 3	26 7	44 2	49 6		
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-		
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-		
3909 Manufacturing industries, n e c	5476	5414	5495	4648	1577	2024	2008	1810	39 0	38 9	48 0	55 7		
3 Total manufacturing	1003692	1058366	1107707	1076930	361893	380415	416084	417533	36 1	38 8	47 0	49 5		

a/ 3131 includes 3132 and 3133

c/ 3822 includes 3825 and 3829

b/ 3311 includes 3312

Cyprus

Gross fixed capital formation

(thousand POUNDS)

ISIC Industry	Note	1989	1991	1992	1993
311 Food Products		7866	8165	8356	8162
313 Beverages		4181	5520	8400	7044
314 Tobacco		240	202	122	110
321 Textiles		3478	3925	2767	1617
322 Wearing apparel, except footwear		4145	3041	2342	1415
323 Leather and fur products		530	365	424	527
324 Footwear, except rubber or plastic		805	746	987	796
331 Wood products, except furniture		1175	2173	2168	2111
332 Furniture and fixtures, excl. metal		1804	1143	1750	1949
341 Paper and products		2340	2137	1275	2077
342 Printing and publishing		3503	4163	2929	2903
351 Industrial chemicals		672	368	740	414
352 Other chemicals		3433	2717	2817	2842
353 Petroleum refineries		176	146	134	243
354 Misc. petroleum and coal products		-	-	-	-
355 Rubber products		262	65	356	143
356 Plastic products		2778	3593	2725	3494
361 Pottery, china, earthenware		129	13	2143	175
362 Glass and products		339	142	100	325
369 Other non-metallic mineral products		5194	5207	6564	7601
371 Iron and steel		-	-	-	-
372 Non-ferrous metals		-	-	-	-
381 Fabricated metal products		3639	3996	3519	2847
382 Non-electrical machinery		1811	1239	1296	1225
383 Electrical machinery		409	767	671	481
384 Transport equipment		186	288	725	379
385 Professional and scientific equipment		-	9	7	158
390 Other manufacturing industries		1228	752	972	492
3 Total manufacturing		50305	51205	54493	50232

Index numbers of industrial production

(1980=100)

ISIC Industry	Note	1985	1986	1987	1988	1989	1990	1991	1992	1993
311 Food Products		140	144	155	162	170	174	170	181	191
313 Beverages		119	116	109	115	139	159	151	156	133
314 Tobacco		85	68	134	168	166	172	204	229	130
321 Textiles		95	94	102	124	113	125	118	136	124
322 Wearing apparel, except footwear		103	110	136	128	112	121	116	101	85
323 Leather and fur products		152	169	179	193	211	213	178	204	133
324 Footwear, except rubber or plastic		127	124	131	132	131	111	111	96	81
331 Wood products, except furniture		131	124	131	126	121	112	131	135	116
332 Furniture and fixtures, excl. metal		146	161	149	173	219	248	223	225	216
341 Paper and products		90	92	86	105	109	120	110	102	107
342 Printing and publishing		131	102	108	115	132	144	126	152	138
351 Industrial chemicals		101	115	163	436	385	187	183	252	240
352 Other chemicals		150	166	87	168	196	218	206	216	212
353 Petroleum refineries		-	-	-	-	-	-	-	-	-
354 Misc. petroleum and coal products		101	90	83	97	113	112	106	130	90
355 Rubber products		-	-	-	-	-	-	-	-	-
356 Plastic products		-	-	-	-	-	-	-	-	-
361 Pottery, china, earthenware		139	119	140	133	119	171	123	120	83
362 Glass and products		77	92	87	91	103	112	110	113	114
369 Other non-metallic mineral products		-	-	-	-	-	-	-	-	-
371 Iron and steel		-	-	-	-	-	-	-	-	-
372 Non-ferrous metals		-	-	-	-	-	-	-	-	-
381 Fabricated metal products		104	96	119	122	125	125	127	123	134
382 Non-electrical machinery		117	169	177	213	187	194	197	230	212
383 Electrical machinery		181	149	121	143	178	165	173	218	242
384 Transport equipment		142	124	168	169	114	100	123	122	141
385 Professional and scientific equipment		-	-	-	-	-	-	-	-	-
390 Other manufacturing industries		165	165	171	145	153	159	164	187	184
3 Total manufacturing		117	117	126	137	140	145	142	146	136

CZECH REPUBLIC

Supplier of information:

Czech Statistical Office, Prague.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Data are not fully comparable from year to year owing to organizational changes. Data for 1990 cover state enterprises, excluding local municipal enterprises and producer co-operatives. Data for 1991 cover enterprises with over 100 employees. Beginning 1992, data cover enterprises with 25 or more employees.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Czech Republic

ISIC Industry	Note	Number of enterprises				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million KORUNAS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products			173	277	379		116	99	94	92		4380	4490	5110	6103
313 Beverages			41	63	82		24	22	22	23		950	1150	1310	1717
314 Tobacco			1	1	1		2	2	2			80	120	160	
321 Textiles			89	144	180		142	120	108	100		4890	4510	4750	5362
322 Wearing apparel, except footwear			20	83	133		35	30	32	33		1160	1080	1380	1722
323 Leather and fur products			13	34	39		13	13	14	12		440	530	660	704
324 Footwear, except rubber or plastic			4	32	41		36	28	29	27		1440	1180	1410	1519
331 Wood products, except furniture			32	103	146		30	27	30	30		1140	1160	1470	1818
332 Furniture and fixtures, excl metal			15	93	119		18	18	27	28		660	760	1260	1484
341 Paper and products			17	44	52		25	23	25	22		980	1120	1320	1478
342 Printing and publishing			34	75	85		18	16	18	16		680	720	1040	1277
351 Industrial chemicals			25	25	27		47	42	34	30		2080	2160	2160	2351
352 Other chemicals			16	37	47		13	12	14	14		520	660	800	1061
353 Petroleum refineries			5	4	4		13	16	14	14		650	950	1020	1171
354 Misc petroleum and coal products			5	-	-		17	14	-	-		790	870	-	-
355 Rubber products			10	14	21		16	15	12	12		700	750	730	990
356 Plastic products			17	50	66		7	7	15	16		270	320	820	1111
361 Pottery, china, earthenware			7	19	24		9	8	10	11		340	360	520	662
362 Glass and products			41	49	46		60	63	46	31		2250	2450	2680	2202
369 Other non-metallic mineral products			66	110	129		45	37	37	37		1860	1750	2160	2696
371 Iron and steel			18	37	56		133	119	113	106		6140	6630	7710	9036
372 Non-ferrous metals			18	17	18		14	12	8	9		590	610	610	707
381 Fabricated metal products			75	186	277		67	62	83	85		2530	2730	4660	5970
382 Non-electrical machinery			213	338	405		349	318	214	190		14660	15410	11540	13054
383 Electrical machinery			85	128	159		125	99	83	74		4840	4260	4340	4956
384 Transport equipment			76	141	187		162	139	148	123		6510	6380	8140	8799
385 Professional and scientific equipment			21	53	71		17	17	27	23		670	700	1330	1462
390 Other manufacturing industries			40	100	138		24	23	28	44		920	1020	1450	2799
3 Total manufacturing			1177	2257	2934		1577	1391	1267	1202		62920	64800	70610	82455

DENMARK

Supplier of information:

Danmarks Statistik, Copenhagen.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

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

Major deviations from current version of ISIC:

None reported.

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

Surveys covering units with more than nineteen persons engaged are conducted every year for output, value added and gross fixed capital formation. These are supplemented by surveys every five years covering units with 1 to 19 employed in the enterprise.

Through 1989, the annual survey for employment and wages and salaries covered all units with six or more persons in the enterprise. Beginning 1990, the figures for number of establishments, employment and wages and salaries are derived from the register-based statistics of establishments and employment. All establishments with any employment in manufacturing are covered.

The index numbers of industrial production cover, in principle, manufacturing enterprises with 6 or more operatives.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees (through 1989) refers to the average of the numbers at the end of March, June, September and November. Part-time employees working a minimum of 15 hours per week and apprentices are included. Beginning 1990, it refers to all full-time and part-time employees and all self-employed at end November.

Before 1990, wages and salaries includes regular and overtime cash payments, bonuses, cost-of-living allowances, vacation and sick leave pay and wages paid to homeworkers. Beginning 1990, the figures include all outlays of these kinds reported to the tax authorities by establishments operating during the year. This means that outlays even in establishments which are not in activity at end November are included in the figures.

Output is given as gross output in factor values. It includes the value of all products, net change of 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 stocks of finished goods, goods made by homeworkers and handicraft workers and other elements of turnover.

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

Gross fixed capital formation is given as the value of purchases of fixed assets, including own-account construction of assets, less the value of sales of fixed assets. Fixed assets are those with a productive life of more than three years, including assets made by a unit's labour force for its own use, additions, alterations and improvements to existing assets, new and used assets.

Valuation is a full cost incurred, including the delivered price and the installation cost. For assets produced by the unit, the cost of work put in progress is used. The actual amount realized is taken when deducting sales and used assets.

Related national publications:

Industrial Statistics; Statistical News, both published by Danmarks Statistik, Copenhagen.

Denmark

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (million KRONER)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311-2 Food Products		716	2906	2851	2772		63100	87371	85561	83181		11746	14140	14576	14833
3111 Slaughtering, preparing & preserving meat			320	344	327			24806	24446	24116			4926	5007	5172
3112 Dairy products			227	198	200			11730	11919	12067			2290	2409	2552
3113 Canning, preserving of fruits & vegetables			58	54	57			2766	2868	2586			446	491	481
3114 Canning, preserving and processing of fish			203	195	201			9674	8192	8633			1420	1368	1366
3115 Vegetable and animal oils and fats			66	66	60			3477	3486	2934			762	774	691
3116 Grain mill products			33	26	25			1162	987	977			217	217	216
3117 Bakery products			1744	1721	1648			21176	21003	20608			1964	2043	2136
3118 Sugar factories and refineries			13	13	11			2226	2186	1796			406	412	376
3119 Cocoa, chocolate and sugar confectionery			50	53	52			4858	4862	4176			787	854	802
3121 Other food products			124	117	124			3693	3882	4313			638	738	828
3122 Prepared animal feeds			68	64	67			1603	1128	976			296	236	215
313 Beverages		39	67	61	62		7100	7016	6932	6832		1664	1673	1590	1644
3131 Distilling, rectifying and blending spirits			5	7	8			599	603	474			145	127	111
3132 Wine industries															
3133 Malt liquors and malt			30	25	26			5447	5350	5191			1264	1286	1323
3134 Soft drinks and carbonated waters			32	29	28			969	979	1167			174	178	210
314 Tobacco		13	17	18	17		1900	2047	1763	1691		336	386	336	330
321 Textiles		351	1030	1103	1052		13900	16263	16068	15289		2366	2502	2496	2641
3211 Spinning, weaving and finishing textiles			179	200	183			4453	4363	3797			768	744	731
3212 Made-up textile goods excl. wearing apparel			438	482	461			3709	3724	3723			616	624	646
3213 Knitting mills			269	261	248			6622	5611	5637			732	766	806
3214 Carpets and rugs			29	31	34			1269	1161	1069			267	237	230
3215 Cordage, rope and twine			83	92	86			823	841	693			134	136	126
3219 Other textiles			32	37	40			477	468	480			96	99	103
322 Wearing apparel, except footwear		262	1354	1491	1440		8300	11576	10373	9667		1169	1378	1313	1298
323 Leather and fur products		20	160	166	160		700	998	972	930		104	124	113	126
3231 Tanneries and leather finishing			5	5	6			234	291	286			41	46	56
3232 Fur dressing and dyeing industries			43	44	39			191	178	186			9	10	11
3233 Leather prods. excl. wearing apparel			112	117	115			573	603	469			74	67	66
324 Footwear, except rubber or plastic		25	122	120	110		1200	1662	1697	1633		186	260	266	269
331 Wood products, except furniture		311	1036	1049	1019		10900	14328	14104	13988		1901	2261	2334	2447
3311 Sawmills, planing and other wood mills			504	496	483			11086	11098	11076			1868	1913	2006
3312 Wooden and cane containers			104	112	110			863	878	799			117	126	127
3319 Other wood and cork products			427	442	426			2380	2128	2113			286	296	316
332 Furniture and fixtures, excl. metal		455	1608	1644	1606		16100	20193	20644	19966		2463	3109	3076	3273
341 Paper and products		124	228	244	246		9700	10963	11012	10272		1966	2188	2364	2272
3411 Pulp, paper and paperboard articles			12	15	14			2081	1976	1467			422	439	380
3412 Containers of paper and paperboard			122	125	126			7060	7102	6844			1446	1634	1616
3419 Other pulp, paper and paperboard articles			94	104	107			1862	1936	1961			320	381	377
342 Printing and publishing		786	3655	3689	3616		26500	55284	52944	51746		6286	8880	8870	8892
351 Industrial chemicals		140	206	219	221		12400	10601	10806	13169		2790	2271	2347	3198
3511 Basic chemicals excl. fertilizers			54	52	56			4646	4663	7176			1036	1036	1626
3512 Fertilizers and pesticides			19	21	23			1019	1164	1129			240	270	272
3513 Synthetic resins and plastic materials			133	146	142			4936	4878	4864			996	1042	1100
352 Other chemicals		161	393	423	445		14300	17616	17813	16138		3133	3927	4066	3822
3521 Paints, varnishes and lacquers			67	76	71			2167	2337	2320			496	516	566
3522 Drugs and medicines			83	88	91			11221	11278	9466			2709	2799	2437
3523 Soap, cleaning preps, perfumes, cosmetics			89	90	96			2627	2367	2432			447	447	478
3529 Other chemical products			154	169	188			1701	1811	1921			276	304	362
353 Petroleum refineries		3	3	3	4		600	621	630	674		166	172	183	197

354 Misc petroleum and coal products	71	91	94	100	1400	2827	2491	2585	289	514	551	598
355 Rubber products	52	133	140	130	2700	2909	2841	2654	490	514	520	521
3551 Tyres and tubes		90	90	79		600	602	446		99	101	81
3559 Other rubber products		43	50	51		2309	2239	2208		415	419	440
356 Plastic products	255	506	517	517	10800	12749	14112	14380	2008	2168	2547	2696
361 Pottery, china, earthenware	16	431	497	495	1800	1896	1790	1637	324	337	332	321
362 Glass and products	38	117	115	112	2400	2705	2468	2376	430	473	450	460
369 Other non-metallic mineral products	348	818	813	788	13400	14501	14881	13613	2704	2906	3049	2947
3691 Structural clay products		62	55	53		1211	1285	1140		223	229	221
3692 Cement, lime and plaster		72	64	63		1823	1740	1581		373	396	382
3699 Other non-metallic mineral products		684	694	672		11467	11856	10892		2310	2424	2344
371 Iron and steel	39	56	69	66	4100	4364	4231	4027	780	820	819	811
372 Non-ferrous metals	35	78	79	79	1700	1855	1808	1745	300	330	331	328
381 Fabricated metal products	898	2173	2201	2197	38200	45543	44515	44024	7097	8185	8338	8754
3811 Cutlery, hand tools and general hardware		317	314	312		4244	3888	3916		715	658	718
3812 Furniture and fixtures primarily of metal		243	254	264		5417	5975	6088		940	1087	1154
3813 Structural metal products		447	473	481		15123	15369	14806		2929	3099	3154
3815 Other fabricated metal products		1166	1150	1140		20759	19283	19214		3501	3484	3738
382 Non-electrical machinery	979	4573a/	4680a/	4644a/	61500	80695a/	77084a/	76673a/	11912	15077a/	15194a/	15805a/
3821 Engines and turbines		9	7	7		95	75	79		15	14	15
3822 Agricultural machinery and equipment		271	276	272		6836	5869	5673		1236	1089	1133
3823 Metal and wood working machinery		180	216	219		3235	3542	3976		593	569	543
3824 Other special industrial machinery		452	458	469		14027	13515	12712		2903	2914	2835
3825 Office, computing and accounting machinery		175	169	190		2894	2722	2807		735	719	805
3829 Other non-electrical machinery & equipment		1291	1288	1278		44001	42142	43060		8155	8382	8809
383 Electrical machinery	301	1350	1396	1342	25600	31636	28643	26279	4933	6084	5803	5191
3831 Electrical industrial machinery		736	760	721		10741	9862	8002		2004	1977	1555
3832 Radio, television and communication equipm		265	298	294		12244	12407	11874		2363	2581	2535
3833 Electrical appliances and housewares		23	29	29		734	987	1207		167	184	235
3839 Other electrical apparatus and supplies		326	309	298		7817	5387	4196		1550	1051	865
384 Transport equipment	305	846	852	838	21800	25870	26778	26285	4215	4823	5159	5440
3841 Shipbuilding and repairing		526	518	516		17083	16279	16340		3299	3464	3710
3842 Railroad equipment		4	5	5		1024	1257	1114		188	248	256
3843 Motor vehicles		230	228	212		6107	6041	6026		1051	1091	1129
3844 Motorcycles and bicycles		25	26	25		660	575	529		99	114	95
3845 Aircraft		31	40	45		187	471	533		37	95	103
3849 Other transport equipment		30	35	35		809	844	743		139	146	147
385 Professional and scientific equipment	167	423	446	454	12800	15337	14149	13658	2546	3112	3059	3083
3851 Prof. and scientific equipment n e c		367	378	389		13547	12252	12028		2734	2528	2576
3852 Photographic and optical goods		56	68	65		1790	1897	1842		378	431	407
3853 Watches and clocks		-	-	-		-	-	-		-	-	-
390 Other manufacturing industries	139	1323	1467	1459	6700	11204	11155	10452	1184	1679	1781	1753
3901 Jewellery and related articles		300	326	328		988	983	920		155	152	164
3902 Musical instruments		72	82	86		245	274	257		48	52	49
3903 Sporting and athletic goods		31	36	33		394	419	270		67	78	49
3909 Manufacturing industries, n e c		920	1023	1012		9575	9479	9005		1409	1489	1491
3 Total manufacturing	7049	25702	26447	25991	390500	510519	496834	483444	75359	90293	91852	93859

a/ Includes repair of machinery

Denmark

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million KRONER)					(million KRONER)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		95311	97265	95994		25129	25202	28173			26.4			
3111 Slaughtering, preparing & preserving meat		37896	38470	36037		8551	8608	9655			22.7			46.7
3112 Dairy products		25649	26547	25884		4782	4498	5312			18.7			
3113 Canning, preserving of fruits & vegetables		2684	3000	2906		912	926	1094			34.2			
3114 Canning, preserving and processing of fish		7622	8406	8828		2240	2416	2608			29.4			
3115 Vegetable and animal oils and fats		6291	5547	5590		2084	1986	1907			32.6			
3116 Grain mill products		2001	1714	1906		777	619	676			36.8			
3117 Bakery products		3326	3496	3685		1448	1629	1810			44.4			
3118 Sugar factories and refineries		3491	3142	3212		1197	1177	1449			33.7			
3119 Cocoa, chocolate and sugar confectionery		3048	3206	3420		1668	1770	1787			54.7			
3121 Other food products		2567	2676	3485		1201	1232	1654			46.6			
3122 Prepared animal foods		1056	1061	1041		279	322	321			26.4			
313 Beverages		7540	7791	8913		4617	4685	6321			59.9			34.4
3131 Distilling, rectifying and blending spirits		822	849	1040		404	394	421			49.1			
3132 Wine industries														
3133 Malt liquors and malt		6169	6306	7143		3784	3907	4501			61.3			
3134 Soft drinks and carbonated waters		549	637	730		329	384	399			59.9			
314 Tobacco		2577	2232	2776		1633	1267	1794			63.4			20.6
321 Textiles		8694	8145	8160		3930	3777	3818			45.2			59.9
3211 Spinning, weaving and finishing textiles		2610	2203	2100		1213	1076	1081			46.6			
3212 Made-up textile goods excl. wearing apparel		1314	1336	1432		582	610	649			44.3			
3213 Knitting mills		2258	2247	2370		1061	1046	1089			47.0			
3214 Carpets and rugs		1633	1596	1633		648	660	627			39.7			
3215 Cordage, rope and twine		532	399	379		231	160	163			43.4			
3219 Other textiles		347	366	346		196	213	209			56.2			
322 Wearing apparel, except footwear		3192	3286	3336		1696	1603	1667			60.0			72.6
323 Leather and fur products		409	206	263		163	81	116			39.9			63.8
3231 Tanneries and leather finishing		229	131	186		78	42	78			34.1			
3232 Fur dressing and dyeing industries														
3233 Leather prods. excl. wearing apparel		180	74	67		85	39	37			47.2			
324 Footwear, except rubber or plastic		1056	1206	1281		347	402	574			32.9			53.6
331 Wood products, except furniture		6414	6501	6742		2889	3006	3127			45.0			66.8
3311 Sawmills, planing and other wood mills		5809	5894	6019		2606	2713	2780			44.8			
3312 Wooden and cane containers		203	229	233		81	96	106			39.9			
3319 Other wood and cork products		402	378	490		203	196	242			50.8			
332 Furniture and fixtures, excl. metal		7199	7914	8408		3714	3973	4231			61.6			66.3
341 Paper and products		8364	8414	9000		3878	3887	4241			46.4			60.7
3411 Pulp, paper and paperboard articles		2226	2118	1836		1014	908	839			46.6			
3412 Containers of paper and paperboard		4796	4962	5803		2300	2420	2836			48.0			
3419 Other pulp, paper and paperboard articles		1342	1334	1362		564	569	567			42.0			
342 Printing and publishing		14526	16160	15292		9639	9861	9920			66.7			66.9
351 Industrial chemicals		13398	13443	13267		6648	6849	7149			48.9			42.6
3511 Basic chemicals excl. fertilizers		6413	6682	6780		3769	3827	4167			56.8			
3512 Fertilizers and pesticides		1712	1507	1404		694	637	666			34.7			
3513 Synthetic resins and plastic materials		5273	5354	5083		2186	2386	2317			41.4			
352 Other chemicals		15824	16165	17463		8918	9613	10160			66.4			36.1
3521 Paints, varnishes and lacquers		2760	2820	2973		1303	1443	1376			47.4			
3522 Drugs and medicines		9301	9626	10363		5946	6603	6976			63.9			
3523 Soap, cleaning preps, perfumes, cosmetics		2806	2707	3033		1267	1177	1340			46.2			
3529 Other chemical products		967	1002	1104		403	390	468			41.7			
353 Petroleum refineries		7928	9161	11343		1166	728	1110			14.6			14.4

354 Misc petroleum and coal products	2150	2175	2297	1248	1261	1161	68.0	23.2
355 Rubber products	1362	1317	1198	763	710	710	55.3	65.1
3551 Tyres and tubes	305	222	163	118	86	72	38.7	
3559 Other rubber products	1057	1095	1043	645	667	638	60.1	
356 Plastic products	6613	7180	7352	3554	3932	4008	53.7	55.6
361 Pottery, china, earthenware	487	497	493	395	438	407	88.4	82.0
362 Glass and products	1321	1319	1316	678	705	721	51.4	53.3
369 Other non-metallic mineral products	9668	9822	9665	5898	5824	5742	59.8	45.8
3691 Structural clay products	778	727	685	521	487	481	67.0	
3692 Cement, lime and plaster	1765	1605	1730	1187	1067	1150	57.6	
3699 Other non-metallic mineral products	7335	7490	7241	4190	4260	4101	57.1	
371 Iron and steel	3876	3748	3325	1685	1739	1670	43.5	45.3
372 Non-ferrous metals	1016	1134	1119	453	449	435	44.6	65.2
381 Fabricated metal products	21876	22525	23817	10820	11371	12209	49.9	65.6
3811 Cutlery, hand tools and general hardware	1248	1318	1358	704	738	738	53.6	
3812 Furniture and fixtures primarily of metal	3303	3414	3315	1752	1851	1805	53.0	
3813 Structural metal products	5922	5955	5698	4145	4230	4565	46.5	
3819 Other fabricated metal products	8205	8839	9435	4285	4575	5011	51.9	
382 Non-electrical machinery	33779	35452	36210	17684	18875	19610	52.4	67.4
3821 Engines and turbines	28	32	31	21	22	22	75.0	
3822 Agricultural machinery and equipment	3052	3710	3197	1579	1857	1654	51.7	
3823 Metal and wood working machinery	1354	1451	1608	778	857	918	57.6	
3824 Other special industrial machinery	7204	7444	7823	3607	3831	4128	50.1	
3825 Office computing and accounting machinery	1461	1469	1501	950	833	873	65.0	
3829 Other non-electrical machinery & equipment	20580	21345	22050	10745	11358	11555	52.0	
383 Electrical machinery	15125	15225	15157	7795	8152	7538	51.5	63.3
3831 Electrical machinery	3953	4433	4433	2011	2337	2108	50.7	
3832 Radio, television and communication equipm.	7084	7555	7785	3605	3872	3970	51.2	
3833 Electrical appliances and housewares	792	643	502	265	325	319	49.2	
3839 Other electrical apparatus and supplies	3317	2973	2357	1515	1725	1301	54.7	
384 Transport equipment	13950	15125	15473	6114	6950	7531	43.9	55.9
3841 Shipbuilding and repairing	9433	11251	12535	4205	4857	5365	45.4	
3842 Railroads equipment	448	502	515	155	193	201	33.9	
3843 Motorcycles and bicycles	3281	3402	3837	1455	1492	1630	43.1	
3845 Aircraft	320	429	417	135	175	144	43.1	
3849 Other transport equipment	450	530	555	214	243	250	47.5	
385 Professional and scientific equipment	5539	5448	5515	4015	3551	3920	51.5	53.4
3851 Professional and scientific equipment n e c.	5155	5091	5375	3404	3259	3259	55.0	
3852 Photographic and optical goods	1373	1357	1140	611	582	634	44.5	
3853 Watches and clocks								
390 Other manufacturing industries	4829	5155	5725	2541	3027	3422	55.5	41.7
3901 Jewellery and related articles	229	249	255	135	154	167	60.3	
3902 Musical instruments	49	50	49	35	41	39	75.5	
3903 Sporting and athletic goods	230	230	257	110	107	125	47.8	
3909 Manufacturing industries, n e c	4321	4557	5201	2554	2725	3058	55.1	
3 Total manufacturing	314984	325015	334942	137594	142205	150575	43.5	54.5

Denmark

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million KRONER)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		2786	2688	3080		120	126	123	128	126	130	141	139	139	
313 Beverages		608	385	571		102	106	104	110	106	109	113	117	116	
314 Tobacco		81	138	107		109	112	111	107	109	108	108	107	103	
321 Textiles		535	372	332		116	117	116	111	113	106	106	106	91	
322 Wearing apparel, except footwear		124	133	56		117	116	102	87	81	81	82	87	71	
323 Leather and fur products		6	-1	9		77	88	77	66	68	68	42	49	41	
324 Footwear, except rubber or plastic		13	28	26		104	107	116	93	94	106	109	115	114	
331 Wood products, except furniture		411	543	436		121	138	152	144	136	131	131	136	138	
332 Furniture and fixtures, excl. metal		383	382	343		118	160	163	162	166	166	164	164	163	
341 Paper and products		510	494	1047		119	122	121	127	131	133	137	137	131	
342 Printing and publishing		728	591	540		123	137	131	136	131	132	130	130	130	
351 Industrial chemicals		932	992	1188		126	138	140	139	136	133	131	140	142	
352 Other chemicals		978	1060	1304		134	138	133	138	149	166	169	171	168	
353 Petroleum refineries		382	181	303		99	96	100	100	100	93	98	103	104	
354 Misc. petroleum and coal products		372	157	174		108	124	134	147	166	106	107	108	109	
355 Rubber products		67	44	76		84	92	99	104	108	127	133	140	123	
356 Plastic products		463	518	768		131	146	163	181	186	180	187	204	197	
361 Pottery, china, earthenware		32	1	5	a/	71	74	71	71	66	66	66	66	66	
362 Glass and products		40	172	59	a/	101	119	106	104	106	106	101	99	92	
369 Other non-metallic mineral products		674	788	771		97	93	87	91	103	96	93	92	79	
371 Iron and steel		137	204	219	b/c/	146	174	168	160	177	175	184	187	179	
372 Non-ferrous metals		49	36	90	d/	116	119	109	120	126	126	126	130	123	
381 Fabricated metal products		1120	1262	1066	c/	132	150	153	147	161	147	146	146	141	
382 Non-electrical machinery		1566	1891	1649		104	101	86	84	87	98	106	103	96	
383 Electrical machinery		689	607	777		161	163	161	174	178	174	164	166	177	
384 Transport equipment		322	528	646		136	156	139	152	166	171	180	188	201	
385 Professional and scientific equipment		268	292	300		121	130	126	128	130	131	134	136	133	
390 Other manufacturing industries		193	325	447											
3 Total manufacturing		14469	14721	16354											

a. 361 includes 362
c. 382 includes iron foundries

b/ 371 includes 372

ECUADOR

Supplier of information:

Instituto Nacional de Estadística y Censos (INEC), Quito. The index numbers of industrial production are compiled by the Banco del Ecuador.

Basic source of data:

Annual survey of manufacturing and mining.

Major deviations from current version of ISIC:

None reported.

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

Establishments with 10 or more persons engaged.

Method of enumeration:

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

Adjusted for non-response:

No

Concepts and definitions of variables:

Number of employees is as of the last pay period in November of the reference year.

Output is gross output.

Value added is total value added.

Related national publications:

Encuesta Anual de Manufacturera y Minería (annual), published by the Instituto Nacional de Estadística y Censos, (INEC), Quito.

Ecuador

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million SUQUES)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		316	391	377	386		27131	32752	36626	36358		71884	109075	175353	247576
3111 Slaughtering, preparing & preserving meat		20	25	27	28		1787	2255	2314	2521		3071	5599	8928	14060
3112 Dairy products		25	25	27	28		1397	1561	1606	1628		4600	7695	12914	14937
3113 Canning, preserving of fruits & vegetables		14	21	17	16		557	1213	1079	1138		626	2486	4453	8511
3114 Canning, preserving and processing of fish		45	78	78	83		6130	8982	9571	10077		10145	18041	32358	45416
3115 Vegetable and animal oils and fats		28	33	31	30		4104	3835	4105	3856		10560	14832	28103	34055
3116 Grain mill products		43	54	52	48		1705	2005	2003	1950		4294	5333	10668	15788
3117 Bakery products		64	67	62	65		3214	3288	3129	3163		5576	10132	14134	20702
3118 Sugar factories and refineries		10	11	10	7		4474	5570	5313	7746		24331	29347	38970	48044
3119 Cocoa, chocolate and sugar confectionery		19	20	20	20		1383	1488	1594	1591		3227	5429	9418	15457
3121 Other food products		28	34	31	37		1630	1715	1893	1817		3832	6640	13758	20550
3122 Prepared animal feeds		20	23	22	23		750	839	1019	873		1422	2741	4641	6026
313 Beverages		68	70	70	68		7350	7887	7946	6402		11138	18025	32579	45340
3131 Distilling, rectifying and blending spirits		25	30	28	31		1120	1140	1090	1133		2064	3025	5414	8029
3132 Wine industries		3	3	3	2		86	73	84	78		29	59	118	129
3133 Malt liquors and malt		3	2	3	3		748	710	741	248		1592	1137	3286	3758
3134 Soft drinks and carbonated waters		34	35	35	32		5396	5964	6031	4943		7343	13794	23751	33924
314 Tobacco							750	594	764	517		2353	4217	7279	6434
321 Textiles		149	152	163	148		14483	13638	14344	13146		26229	37567	54816	74042
3211 Spinning, weaving and finishing textiles		69	67	71	71		10165	9119	9524	8531		20077	29452	40982	55554
3212 Made-up textile goods excl. wearing apparel		14	14	17	15		1007	1039	1334	1364		1726	1855	3780	5138
3213 Knitting mills		55	59	62	52		2995	3128	3059	2324		4080	5604	9006	12045
3214 Carpets and rugs		10	9	10	7		290	271	339	237		315	542	870	938
3215 Cordage, rope and twine		1	a/	a/	a/		25	27	34	41		31	44	80	114
3219 Other textiles		-	3a/	3a/	3a/		-	54	54	39		-	60	98	143
322 Wearing apparel, except footwear		94	118	112	105		3800	4755	4906	4136		3809	5094	10933	15556
323 Leather and fur products		24	33	31	30		985	1224	1077	1072		997	1870	2480	4019
3231 Tanneries and leather finishing		21	23	22	23		936	1025	892	939		958	1589	2109	3677
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather goods excl. wearing apparel		3	10	9	7		50	199	185	133		39	181	371	342
324 Footwear, except rubber or plastic		20	20	31	24		1705	2072	1938	1588		2105	3857	5585	7555
331 Wood products, except furniture		53	55	55	49		3282	3306	3303	3193		5394	7643	13423	20613
3311 Sawmills, planing and other wood mills		45	44	45	41		3181	3002	3057	3073		5314	7309	13058	20103
3312 Wooden and cane containers		1	5	5	3		8	178	135	29		7	150	131	45
3319 Other wood and cork products		6	6	5	5		93	126	101	91		73	184	234	364
332 Furniture and fixtures, excl. metal		58	75	78	75		3147	3153	2378	2253		4955	5903	6012	9951
341 Paper and products		27	31	31	37		3987	4204	4428	4948		9524	15304	25750	42878
3411 Pulp, paper and paperboard articles		9	9	9	10		1155	1558	1595	1891		4135	8264	9977	14922
3412 Containers of paper and paperboard		12	15	15	22		1835	2059	2341	2850		4954	9282	14755	25142
3419 Other pulp, paper and paperboard articles		6	6	6	5		170	207	392	197		434	758	2018	3814
342 Printing and publishing		83	87	82	81		4152	4535	4515	4405		9290	14599	25531	39381
351 Industrial chemicals		43	48	49	49		1729	2257	2445	2251		5833	9477	15451	20295
3511 Basic chemicals excl. fertilizers		20	21	22	23		559	593	555	700		2182	2954	4574	6503
3512 Fertilizers and pesticides		5	4	4	3		411	374	354	170		1331	1543	2409	1397
3513 Synthetic resins and plastic materials		18	23	23	23		759	1300	1415	1381		2320	4870	8458	12295
352 Other chemicals		79	84	83	85		5458	7703	6230	5915		19508	33120	54582	76718
3521 Paints, varnishes and lacquers		11	13	13	13		587	787	704	733		2724	4511	8353	8815
3522 Drugs and medicines		30	31	32	31		2813	3021	2983	2824		9811	17315	28251	43152
3523 Soap, cleaning preps, perfumes, cosmetics		23	25	24	25		2350	3332	1942	1755		5223	8495	14927	17588
3529 Other chemical products		15	15	14	15		598	553	601	594		1850	2598	5041	7150
353 Petroleum refineries							1655	1410	1410	2532		5281	13513	15349	58774

354 Misc. petroleum and coal products	5	5	5	5	223	172	256	196	1477	2061	2873	5286
355 Rubber products	18	23	23	20	1815	1849	1963	1964	7362	10669	19443	26678
3551 Tyres and tubes	7	7	7	7	870	910	897	928	6861	7969	14166	20727
3559 Other rubber products	11	16	16	13	745	939	1066	1026	1511	2700	6287	4961
356 Plastic products	79	98	97	97	5835	6303	6734	6788	10180	17206	24949	34600
361 Pottery, china, earthenware	12	14	13	13	1266	1293	1102	1036	2360	3949	6210	4692
362 Glass and products	11	12	11	14	694	679	666	676	1627	2939	4349	6961
369 Other non-metallic mineral products	81	89	84	76	4717	4948	4396	4223	16963	26178	43366	62360
3691 Structural clay products	16	15	13	12	635	637	607	514	647	971	1847	2644
3632 Cement, lime and plaster	4	5	5	5	1609	1492	1576	1438	6328	13496	25361	32384
3699 Other non-metallic mineral products	61	69	66	58	2573	2919	2313	2271	6978	11711	18368	17322
371 Iron and steel	13	16	17	14	1457	1648	1616	1659	6088	7143	12349	16317
372 Non-ferrous metals	4	4	5	5	302	358	388	399	1066	2134	3214	4347
381 Fabricated metal products	133	148	150	162	6888	7773	7787	7718	14172	24742	39239	66167
3811 Cutlery, hand tools and general hardware	10	13	14	16	377	630	682	662	788	1431	2216	3638
3812 Furniture and fixtures primarily of metal	23	24	24	24	901	896	936	992	1368	2204	3907	6112
3813 Structural metal products	51	56	57	54	1891	1996	2007	1961	2756	4788	7994	11848
3819 Other fabricated metal products	49	56	56	58	3619	4362	4282	4103	9271	16319	26122	34669
382 Non-electrical machinery	18	24	24	24	710	810	722	678	1100	2108	3253	4261
3821 Engines and turbines	1	5b/	4b/	4c/	16	26	24	20	28	56	68	82
3822 Agricultural machinery and equipment	3	b/	b/	3	64	60	48	49	76	137	94	272
3823 Metal and wood working machinery	6	5	4	c/	204	226	189	106	296	683	762	663
3824 Other special industrial machinery	4	4	5	5	50	59	79	77	47	66	136	194
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	5	10	11	12	378	441	402	427	664	1264	2204	3160
383 Electrical machinery	52	57	60	53	4170	4419	4164	3639	9042	14627	22096	28608
3831 Electrical industrial machinery	8	10	11	9	300	333	362	296	660	1084	1660	2661
3832 Radio, television and communication equipm.	13	13	13	14	1094	933	842	779	1376	1866	2868	3466
3833 Electrical appliances and housewares	5	6	7	7	1358	1676	1613	1266	2316	3882	6699	7926
3839 Other electrical apparatus and supplies	26	28	29	23	1418	1677	1447	1199	4690	7776	11679	14763
384 Transport equipment	37	43	43	48	2166	2701	2727	3367	4967	10367	17162	31323
3841 Shipbuilding and repairing	3	3	3	4	93	77	121	80	146	162	401	298
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	33	38	38	41	2004	2666	2638	3237	4764	10092	16661	30794
3844 Motorcycles and bicycles	-	2d/	2d/	-	-	13	9	-	-	9	13	-
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	1	d/	a/	3	68	66	69	60	68	104	177	231
385 Professional and scientific equipment	11	11	11	10	621	630	498	407	1802	2963	3969	2643
3851 Prof and scientific equipment n e c	8	9	8	7	476	610	447	347	1732	2920	3816	2418
3852 Photographic and optical goods	3	2	3	3	46	20	61	60	70	33	164	224
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	22	32	32	31	827	1336	1303	1431	1068	2239	3682	6390
3901 Jewellery and related articles	7	8	10	10	294	328	387	498	351	634	1060	1832
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	2	1	1	1	58	11	10	10	89	20	25	33
3909 Manufacturing industries, n e c	13	23	21	20	476	997	906	923	628	1666	2607	3626
3 Total manufacturing	1513	1766	1761	1700	111716	124326	126671	121688	266663	412669	667888	948972

a/ 3219 includes 3215
c/ 3821 includes 3823

b/ 3821 includes 3822
d/ 3844 includes 3849

Ecuador

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million SUCRES)					(million SUCRES)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		948116	1651869	2482960	3216523	175126	280068	406653	631069	18.6	19.6	41.0	39.2	
3111 Slaughtering, preparing & preserving meat		61695	113837	195117	278289	6807	15694	34331	40146	11.0	14.4	45.1	36.0	
3112 Dairy products		53831	85876	135322	194067	14606	20966	36669	62254	26.9	26.9	31.7	28.6	
3113 Canning, preserving of fruits & vegetables		4422	30998	54065	63728	1442	9523	14164	17793	32.6	27.9	43.4	47.8	
3114 Canning, preserving and processing of fish		251591	508376	816908	989144	44813	77446	106538	131506	17.8	13.3	22.6	35.3	
3115 Vegetable and animal oils and fats		173671	284280	380124	534003	22975	20900	50098	119312	13.2	22.3	46.0	29.3	
3116 Grain mill products		134287	177922	241256	389454	12768	17070	26680	73033	9.6	18.8	32.6	21.6	
3117 Bakery products		48933	75370	109643	149307	9689	17466	22812	31402	19.6	21.0	59.2	66.9	
3118 Sugar factories and refineries		74042	117744	188929	159825	37671	46423	49442	72852	60.9	45.6	64.6	66.9	
3119 Cocoa, chocolate and sugar confectionery		59019	91913	104367	142487	7726	14410	13801	20993	13.1	14.7	41.8	73.6	
3121 Other food products		41358	67713	128098	175786	11961	19491	34611	43957	28.9	26.0	32.0	47.0	
3122 Prepared animal feeds		45267	37840	129131	140063	4869	20799	19417	27822	10.8	19.9	31.3	28.9	
313 Beverages		105525	230975	320438	542315	25607	110102	136773	270299	24.3	49.8	43.6	16.8	
3131 Distilling, rectifying and blending spirits		17034	28758	51470	72633	6421	7895	16154	19720	31.8	27.2	38.1	40.7	
3132 Wine industries		165	473	723	870	77	177	266	244	46.7	28.0	37.7	62.9	
3133 Malt liquors and malt		23450	101318	87498	173921	1878	70641	39509	106516	8.0	61.4	90.1	3.1	
3134 Soft drinks and carbonated waters		64876	100420	180747	294891	18231	31486	79854	143519	28.1	48.7	40.3	23.6	
314 Tobacco		17348	27082	39068	56532	1042	6628	9638	16670	6.0	28.1		63.2	
321 Textiles		191471	290673	404079	507472	72654	107692	166913	183103	37.9	36.1	36.2	40.4	
3211 Spinning, weaving and finishing textiles		149168	216116	302793	370416	56240	76214	119676	129226	37.7	34.9	36.7	43.1	
3212 Made-up textile goods excl. wearing apparel		9381	21357	26242	35917	3961	11879	11096	13734	42.1	38.2	43.7	37.4	
3213 Knitting mills		29531	46485	63870	92601	11248	18437	21872	36823	36.1	39.8	36.3	32.7	
3214 Carpets and rugs		3256	5845	10011	6711	1091	1984	4061	2796	33.6	41.6	28.9	33.6	
3215 Cordage, rope and twine		135	170	548	697	24	69	218	309	17.8	31.0	62.8		
3219 Other textiles		-	700	615	1130	-	161	160	-	-	27.3	46.3		
322 Wearing apparel, except footwear		25684	39225	54954	76054	7961	11666	18260	26798	31.0	35.7	47.8	68.1	
323 Leather and fur products		9596	19026	23180	29307	2751	6065	6902	8262	28.7	28.2	36.2	48.7	
3231 Tanneries and leather finishing		9437	18184	21905	28089	2666	6789	6366	7800	28.3	27.6	36.9	47.1	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-	-	-	-	-	
3233 Leather products excl. wearing apparel		59	842	1276	1218	86	266	537	462	53.6	37.1	46.9	76.7	
324 Footwear, except rubber or plastic		13304	20904	33024	40421	4268	6406	11892	13066	32.0	32.3	49.6	58.6	
331 Wood products, except furniture		35829	52836	85541	116512	12738	18118	31494	38824	34.2	33.3	44.1	62.8	
3311 Sawmills, planing and other wood mills		35385	51233	83738	114982	12113	17596	30932	38243	34.2	33.3	43.9	62.6	
3312 Wooden and cane containers		20	881	917	249	8	246	218	46	40.0	18.6	87.5		
3319 Other wood and cork products		424	722	886	1301	117	276	344	636	27.6	41.1	62.4	68.0	
332 Furniture and fixtures, excl. metal		21821	19529	25739	37468	7188	7892	10235	16036	32.9	40.1	68.9	66.2	
341 Paper and products		175172	261381	405475	548468	26469	37994	99707	131479	16.1	24.0	36.0	32.6	
3411 Pulp, paper and paperboard articles		40823	56341	81594	116177	12678	19923	24821	34324	31.1	29.6	32.6	43.6	
3412 Containers of paper and paperboard		129408	196913	295163	416513	12725	16679	63782	90830	9.8	21.8	38.9	28.8	
3419 Other pulp, paper and paperboard articles		4941	9227	28718	16778	1066	2392	11104	6326	21.4	40.1	41.1	28.7	
342 Printing and publishing		66780	110960	169343	213626	20669	30883	49411	77236	30.8	36.2	46.2	61.0	
351 Industrial chemicals		50276	95115	132329	190633	13412	25931	38870	64907	26.7	34.0	43.6	31.6	
3511 Basic chemicals excl. fertilizers		21652	47131	65316	95316	6192	9814	16676	22614	26.6	34.6	36.2	29.3	
3512 Fertilizers and pesticides		6933	7870	8214	8307	1892	984	1393	2079	27.3	26.0	70.3	67.2	
3513 Synthetic resins and plastic materials		21691	53731	76984	117010	5328	16133	21802	40314	24.6	34.6	43.6	30.6	
352 Other chemicals		181808	289939	404751	617443	67028	93266	113954	217916	31.8	36.3	33.9	36.2	
3521 Paints, varnishes and lacquers		30158	54678	79313	102479	6146	13800	17322	16247	20.4	16.9	44.3	54.3	
3522 Drugs and medicines		45702	80072	128076	204121	6410	12643	14362	66920	14.0	32.3		66.6	
3523 Soap, cleaning preps, perfumes, cosmetics		94080	138601	171703	276458	41667	62484	76144	126319	44.2	46.7	12.6	13.9	
3529 Other chemical products		11868	16688	26659	34186	3706	4438	7136	9430	31.2	27.6	49.9	76.9	
353 Petroleum refineries		431224	655963	1263628	1796814	287136	464802	1001089	1228302	66.6	68.4	2.2	4.8	

354 Misc petroleum and coal products	17601	37112	54954	63364	2990	8791	9374	14290	17.0	22.6	49.4	37.0
355 Rubber products	40103	86972	127431	161114	13163	25270	36262	47682	32.8	29.5	55.9	54.0
3551 Tyres and tubes	29121	66359	94320	117380	9221	18277	25457	36706	31.7	30.4	63.5	58.1
3559 Other rubber products	10982	20613	33111	43734	3942	6993	9806	11877	35.9	27.2	38.3	41.7
356 Plastic products	101883	187030	236135	299767	32242	59594	72811	101090	31.6	33.7	31.6	34.2
361 Pottery, china, earthenware	13571	17032	26072	37383	5407	6259	9646	13320	39.6	35.6	43.5	35.2
362 Glass and products	17120	25156	49455	63263	6207	7376	14734	21370	36.3	33.8	26.2	32.6
369 Other non-metallic mineral products	120011	198833	322899	422205	45827	78515	129912	152488	38.2	36.1	34.8	34.3
3691 Structural clay products	5416	9534	12851	20456	824	2556	4964	7864	15.2	24.3	78.5	53.3
3692 Cement, lime and plaster	74034	119616	209640	281054	28721	47312	92594	112087	38.8	39.9	29.0	28.9
3699 Other non-metallic mineral products	40561	70693	100408	120686	18282	28648	36272	45437	40.1	29.4	42.9	48.9
371 Iron and steel	22123	135206	182327	231884	14249	20106	31765	34946	17.4	15.1	35.7	43.8
372 Non-ferrous metals	18599	32832	46892	63985	1901	6760	3540	22237	10.2	34.8	56.0	19.6
381 Fabricated metal products	114117	194230	321773	457031	33686	56338	106901	165882	29.5	36.3	42.1	33.9
3811 Cutlery, hand tools and general hardware	4619	9327	15052	18276	1940	4276	5433	7219	42.0	39.5	40.6	50.4
3812 Furniture and fixtures primarily of metal	6350	12384	18942	29583	1794	3376	4962	9100	28.3	30.4	76.7	67.2
3813 Structural metal products	15431	26964	44203	63226	5281	8133	12051	14444	34.2	22.8	52.2	82.0
3819 Other fabricated metal products	87717	145555	243576	345548	24671	40566	84455	135119	28.1	39.1	37.6	26.6
382 Non-electrical machinery	7400	11928	15919	16566	2179	3802	5851	6320	29.4	34.0	50.5	67.4
3821 Engines and turbines	55	237	282	337	39	194	83	145	70.9	43.0	71.8	58.6
3822 Agricultural machinery and equipment	459	758	329	636	120	275	98	312	25.1	49.1	63.3	87.2
3823 Metal and wood working machinery	1132	2080	3400	2282	489	666	1757	945	43.2	41.4	60.3	59.6
3824 Other special industrial machinery	245	321	444	706	91	109	168	342	37.1	48.4	51.6	56.7
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	5509	8532	11484	14806	1440	2559	3739	4576	26.1	31.3	45.4	58.8
383 Electrical machinery	85985	149819	190756	250997	24844	47199	54007	92028	28.9	36.7	36.4	31.3
3831 Electrical industrial machinery	7422	10495	13819	14983	2208	2713	4123	4591	29.7	30.7	29.9	57.7
3832 Radio, television and communication equipm	18579	25949	32864	30827	4083	4650	8718	6966	22.0	19.4	33.7	58.1
3833 Electrical appliances and housewares	19126	35829	44716	60283	5167	8346	11726	14060	27.0	23.3	44.8	56.4
3839 Other electrical apparatus and supplies	40858	77676	99357	144904	13386	31490	29434	67409	32.8	45.5	35.0	21.9
384 Transport equipment	111134	202210	329744	598591	18736	36150	49416	110042	15.1	18.4	29.7	28.5
3841 Shipbuilding and repairing	764	626	1266	2362	194	152	504	542	25.4	22.9	74.7	56.0
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	109718	200508	326912	595142	16342	36493	48157	108946	14.9	18.3	29.1	28.3
3844 Motorcycles and bicycles	-	188	184	-	-	11	21	-	-	-	-	-
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	652	888	1382	1087	200	494	733	654	30.7	51.0	34.0	41.7
335 Professional and scientific equipment	9127	18558	26554	18330	2226	7327	7188	4491	24.4	24.5	81.0	58.9
3851 Prof and scientific equipment n.e.c.	8841	18461	25900	17584	2070	7272	6896	4163	23.4	23.7	83.7	58.1
3852 Photographic and optical goods	286	97	54	746	166	55	292	328	54.5	44.0	44.9	66.6
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	7958	12909	19289	28409	2683	3813	6806	8950	33.7	31.5	39.8	60.2
3901 Jewellery and related articles	2294	2575	3679	5620	873	1254	1536	2348	38.1	41.8	40.2	78.0
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	545	83	145	344	288	22	33	80	62.8	25.0	30.9	38.4
3909 Manufacturing industries, n.e.c.	5119	10251	15465	22445	1522	2537	5236	6616	29.7	29.0	41.3	54.1
3 Total manufacturing	3020686	5076296	7784709	10702470	918459	1566992	2627997	3717192	30.4	34.7	27.9	25.5

Ecuador

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million SUCRES)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		89498	161874	248227	172409		97	100	105	104	107	113	123	123	122
313 Beverages		12899	35453	64134	121061		91	92	89	99	99	104	118	113	108
314 Tobacco		4933	2858	17113	7611		104	99	91	81	81	76	74	76	81
321 Textiles		41986	67820	86686	34205		98	95	91	94	96	100	101	89	86
322 wearing apparel, except footwear		5248	6706	8891	10633		...	...	...	...	...	...	...	...	...
323 Leather and fur products		2160	4183	5176	4909		98	95	91	94	96	100	100	89	88
324 Footwear, except rubber or plastic		1418	3870	2758	2189		112	104	106	107	109	110	122	107	115
331 Wood products, except furniture		8225	7907	15942	13971		126	139	148	148	153	172	181	226	242
332 Furniture and fixtures, excl. metal		3080	196	3170	4719		...	...	...	...	...	...	...	...	...
341 Paper and products		17042	52753	90324	44272		72	84	87	89	98	107	123	112	111
342 Printing and publishing		6167	24067	29108	18040		143	163	181	204	236	270	319	357	376
351 Industrial chemicals		4856	16122	13859	7285		132	131	125	126	126	134	162	171	177
352 Other chemicals		18671	56818	55170	3221		132	131	126	126	126	134	162	171	177
353 Petroleum refineries		74220	225329	28966	-1242036		117	126	126	134	130	161	197	197	236
354 Misc. petroleum and coal products		4124	7696	4907	96		117	126	128	134	130	161	197	197	236
355 Rubber products		2269	9023	19224	-80		148	169	162	170	184	191	249	249	299
356 Plastic products		19232	32214	57918	16636		148	169	162	170	184	191	249	249	299
361 Pottery, china, earthenware		1806	1383	6446	8448		118	119	143	163	149	168	172	184	168
362 Glass and products		2722	2907	14241	-386		118	119	143	163	148	168	172	184	168
369 Other non-metallic mineral products		21500	51601	94466	65663		175	169	172	172	148	160	163	212	242
371 Iron and steel		-2911	17042	17369	17069		160	142	129	146	129	132	167	167	186
372 Non-ferrous metals		-	7467	8850	-3303		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		16556	17484	60468	42008		122	136	137	144	144	160	171	200	220
382 Non-electrical machinery		1152	6886	3020	2060		...	...	...	...	...	...	...	...	...
383 Electrical machinery		8603	29663	31093	7507		101	111	127	133	121	132	166	161	201
384 Transport equipment		8462	17396	50619	-8148		197	225	167	220	369	399	491	636	666
385 Professional and scientific equipment		-100	1289	1736	-423		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		923	3006	2847	3627		79	77	66	71	117	101	142	189	249
3 Total manufacturing		373740	870792	1032904	-646862		110	112	114	117	119	128	144	160	168

EL SALVADOR

Supplier of information:

Departamento de Estadísticas Industriales, Dirección General de Estadística y Censos (DIGESTYC), Ministerio de Economía, San Salvador.

Basic source of data:

Annual survey of the manufacturing industry.

Major deviations from current version of ISIC:

In 1985, manufacture of hygienic paper and similar products, including sanitary towels (part of ISIC 385) is included in ISIC 341.

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

Establishments with 5 or more persons engaged and with fixed capital of 20,000 colones or more. Establishments processing coffee or cotton are excluded.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of persons engaged is as of 31 August of the reference year.

Output includes receipts for the right to use patents, copyrights and the like and purchases of goods for resale without transformation.

Related national publications:

Anuario Estadístico, Tomo III, published by the Dirección General de Estadística y Censos (DIGESTYC), Ministerio de Economía, San Salvador.

El Salvador

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand COLONES)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products			68	78	100			6996	7400			130000		249333	
3111 Slaughtering, preparing & preserving meat					11				1918					36802	
3112 Dairy products					9				697					7852	
3113 Canning, preserving of fruits & vegetables					7				388					4130	
3114 Canning, preserving and processing of fish					-				-					-	
3115 Vegetable and animal oils and fats					5				841					100119	
3116 Grain mill products					5				180					2827	
3117 Bakery products					34				952					12688	
3118 Sugar factories and refineries					3				1043					39333	
3119 Cocoa, chocolate and sugar confectionery					7				407					7248	
3121 Other food products					12				909					35371	
3122 Prepared animal feeds					7				165					2963	
313 Beverages			16	14	10			1099	971			65000		31448	
3131 Distilling, rectifying and blending spirits					8				264					4216	
3132 Wine industries					-				-					-	
3133 Malt liquors and malt					-				-					-	
3134 Soft drinks and carbonated waters					2				707					27232	
314 Tobacco			2	1	1			273	228			24000		17187	
321 Textiles			44	29	51			5470	7423			198000		134638	
3211 Spinning, weaving and finishing textiles					14				5184					101582	
3212 Made-up textile goods excl wearing apparel					4				182					2748	
3213 Knitting mills					33				2107					30308	
3214 Carpets and rugs					-				-					-	
3215 Cordage, rope and twine					-				-					-	
3219 Other textiles					-				-					-	
322 Wearing apparel, except footwear			42	52	61			6652	10420			59000		139715	
323 Leather and fur products			6	6	10			299	698			8000		12833	
3231 Tanneries and leather finishing					3				335					5867	
3232 Fur dressing and dyeing industries					-				-					-	
3233 Leather prods excl wearing apparel					7				363					6966	
324 Footwear, except rubber or plastic			5	2	8			306	1003			7000		18693	
331 Wood products, except furniture			3	4	3			129	99			1000		1322	
3311 Sawmills, planing and other wood mills					1				8					163	
3312 Wooden and cane containers					-				-					-	
3319 Other wood and cork products					2				91					1459	
332 Furniture and fixtures, excl metal			11	7	10			417	823			11000		15863	
341 Paper and products			6	5	9			916	1837			22000		137250	
3411 Pulp, paper and paperboard articles					2				189					3490	
3412 Containers of paper and paperboard					3				963					30652	
3419 Other pulp, paper and paperboard articles					4				686					103208	
342 Printing and publishing			19	23	36			1413	1962			24000		46828	
351 Industrial chemicals			11	4	4			438	554			32000		31005	
3511 Basic chemicals excl fertilizers					2				67					1701	
3512 Fertilizers and pesticides					2				497					29304	
3513 Synthetic resins and plastic materials					-				-					-	
352 Other chemicals			69	38	51			3733	4628			131000		155640	
3521 Paints, varnishes and lacquers					2				94					2135	
3522 Drugs and medicines					20				2182					69645	
3523 Soap, cleaning preps, perfumes, cosmetics					15				1893					73089	
3529 Other chemical products					14				459					10771	
353 Petroleum refineries			1	1	1			70	64			8000		10628	

354 Misc. petroleum and coal products	1	1	2	14	38	1969
355 Rubber products	10	25	11	220	425	10858
3551 Tyres and tubes			6		286	8746
3559 Other rubber products			5		136	2112
356 Plastic products	15	15	21	1374	2238	44608
361 Pottery, china, earthenware	2	2	1	20	12	160
362 Glass and products	3	1	1		24	341
369 Other non-metallic mineral products	14	1	19	1258	1355	37710
3691 Structural clay products			-		-	-
3692 Cement, lime and plaster			1		382	13807
3699 Other non-metallic mineral products			18		973	23903
371 Iron and steel	4	7	5	1500	482	8014
372 Non-ferrous metals	-	2	-	162	-	-
381 Fabricated metal products	19	25	39	1361	1362	24773
3811 Cutlery, hand tools and general hardware			2		376	7034
3812 Furniture and fixtures primarily of metal			10		211	3132
3813 Structural metal products			9		326	7167
3819 Other fabricated metal products			18		440	7440
382 Non-electrical machinery	5	5	4	64	88	2200
3821 Engines and turbines			-		-	-
3822 Agricultural machinery and equipment			-		-	-
3823 Metal and wood working machinery			-		-	-
3824 Other special industrial machinery			2		16	361
3825 Office, computing and accounting machinery			-		-	-
3829 Other non-electrical machinery & equipment			2		72	1839
383 Electrical machinery	12	9	8	564	603	26212
3831 Electrical industrial machinery			-		-	-
3832 Radio, television and communication equipm.			2		74	1400
3833 Electrical appliances and housewares			-		-	-
3839 Other electrical apparatus and supplies			6		529	24812
384 Transport equipment	1	1	5	22	136	2667
3841 Shipbuilding and repairing			1		7	103
3842 Railroad equipment			-		-	-
3843 Motor vehicles			3		21	419
3844 Motorcycles and bicycles			-		-	-
3845 Aircraft			-		-	-
3849 Other transport equipment			1		107	2145
385 Professional and scientific equipment	2		7	40	382	8060
3851 Prof. and scientific equipment n e c			4		328	6429
3852 Photographic and optical goods			3		54	1621
3853 Watches and clocks			-		-	-
390 Other manufacturing industries	10			754		9000
3901 Jewellery and related articles						
3902 Musical instruments						
3903 Sporting and athletic goods						
3909 Manufacturing industries, n e c						
3 Total manufacturing	403	358a/	478a/	36583a/	45235a/	818000a/
						1170135a/

a/ Sum of available data

El Salvador

ISIC Industry	Note	Output				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(thousand COLONES)					(thousand COLONES)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		2084000	2790000	1993923			823000		706866		35.4		35.3	
3111 Slaughtering, preparing & preserving meat				100886					53383		52.9		58.9	
3112 Dairy products				71727					18604		23.0		47.6	
3113 Canning, preserving of fruits & vegetables				58602					18816		32.1		21.9	
3114 Canning, preserving and processing of fish				-					-		-		-	
3115 Vegetable and animal oils and fats				871404					270136		31.0		37.1	
3116 Grain mill products				36814					15518		42.2		18.2	
3117 Bakery products				97526					41079		42.1		30.9	
3118 Sugar factories and refineries				266176					67856		25.5		56.0	
3119 Cocoa, chocolate and sugar confectionery				57494					26966		46.2		27.9	
3121 Other food products				338353					178320		52.7		19.8	
3122 Prepared animal feeds				94941					18290		19.3		16.2	
313 Beverages			214000	305116			412000		179033		58.7		17.6	
3131 Distilling, rectifying and blending spirits				104555					46746		44.7		9.0	
3132 Wine industries				-					-		-		-	
3133 Malt liquors and malt				-					-		-		-	
3134 Soft drinks and carbonated waters				200661					132288		66.0		20.6	
314 Tobacco		315000	226000	264504			249000		217756		82.3		7.9	
321 Textiles		1406000	819000	905483			562000		381937		42.2		35.3	
3211 Spinning, weaving and finishing textiles				723247					307016		42.4		33.1	
3212 Made-up textile goods excl wearing apparel				15026					7387		49.2		37.2	
3213 Knitting mills				167211					67636		40.4		44.9	
3214 Carpets and rugs				-					-		-		-	
3215 Cordage, rope and twine				-					-		-		-	
3219 Other textiles				-					-		-		-	
322 Wearing apparel, except footwear			26000	418722					243044		58.0		67.5	
323 Leather and fur products		66000	17000	88509			30000		40482		45.7		31.7	
3231 Tanneries and leather finishing				50903					19568		38.6		29.8	
3232 Fur dressing and dyeing industries				-					-		-		-	
3233 Leather prods excl wearing apparel				37606					20824		55.4		33.5	
324 Footwear, except rubber or plastic		31000	5000	85963			16000		-		-		-	
331 Wood products, except furniture		6000	5000	5782			5000		3487		60.3		46.6	
3311 Saw-mills, planing and other wood mills				418					184		44.0		88.6	
3312 Wooden and cane containers				-					-		-		-	
3319 Other wood and cork products				5364					3303		61.6		44.2	
332 Furniture and fixtures, excl metal		69000	22000	107003			35000		48523		45.3		32.7	
341 Paper and products		255000	252000	488750			97000		183780		37.6		74.7	
3411 Pulp, paper and paperboard articles				14058					6634		40.1		61.9	
3412 Containers of paper and paperboard				224964					57804		25.7		52.9	
3419 Other pulp, paper and paperboard articles				249728					120342		48.2		85.8	
342 Printing and publishing		179000	114000	416150			107000		233733		56.3		20.0	
351 Industrial chemicals		355000	247000	391693			176000		114022		29.1		27.2	
3511 Basic chemicals excl fertilizers				29950					14866		49.6		11.4	
3512 Fertilizers and pesticides				361743					99156		27.4		29.6	
3513 Synthetic resins and plastic materials				-					-		-		-	
352 Other chemicals		1407000	601000	1673589			815000		776423		46.4		20.0	
3521 Paints, varnishes and lacquers				25071					10268		41.0		20.8	
3522 Drugs and medicines				626996					349860		56.9		19.9	
3523 Soap, cleaning preps, perfumes, cosmetics				936925					376949		40.2		19.4	
3529 Other chemical products				85597					39346		46.0		27.4	
353 Petroleum refineries		1311000		1867024			392000		520083		27.9		2.0	

354	Misc petroleum and coal products		99592			21699	21.8	9.1
355	Rubber products		93481			40601	43.4	26.7
3551	Tyres and tubes		77421			31871	41.2	27.4
3559	Other rubber products		16060			8730	54.4	24.2
356	Plastic products	216000	354686		102000	166069	46.8	26.9
361	Pottery, china, earthenware	1000	1029		1000	782	76.0	20.6
362	Glass and products	4000	4315		2000	897	20.8	38.0
369	Other non-metallic mineral products	161000	268732		87000	138881	51.7	27.2
3691	Structural clay products							
3692	Cement, lime and plaster		82153			46100	56.1	30.0
3699	Other non-metallic mineral products		186579			92781	49.7	26.8
371	Iron and steel	58000	96783		21000	21809	22.8	36.7
372	Non-ferrous metals		-		-	-		
381	Fabricated metal products	78000	173435		49000	82903	47.8	29.9
3811	Cutlery, hand tools and general hardware		59064			31836	53.9	22.1
3812	Furniture and fixtures primarily of metal		17891			9127	51.0	34.3
3813	Structural metal products		60210			20641	40.9	34.9
3819	Other fabricated metal products		46270			21400	46.3	34.8
382	Non-electrical machinery	10000	21032		9000	16392	77.9	13.4
3821	Engines and turbines		-			-		
3822	Agricultural machinery and equipment		-			-		
3823	Metal and wood working machinery		-			-		
3824	Other special industrial machinery		1559			750	48.1	48.1
3825	Office, computing and accounting machinery		-			-		
3829	Other non-electrical machinery & equipment		19473			16642	80.3	11.8
383	Electrical machinery	231000	411179		144000	160132	38.9	16.4
3831	Electrical industrial machinery							
3832	Radio, television and communication equipm		69886			21460	30.7	6.6
3833	Electrical appliances and housewares		-			-		
3839	Other electrical apparatus and supplies		341294			136662	40.6	17.9
384	Transport equipment	16000	27816		5000	13144	47.3	20.3
3841	Shipbuilding and repairing		671			238	36.6	43.3
3842	Railroad equipment		-			-		
3843	Motor vehicles		2611			1426	54.6	29.4
3844	Motorcycles and bicycles		-			-		
3845	Aircraft		-			-		
3849	Other transport equipment		24533			11481	46.8	18.7
385	Professional and scientific equipment	10000	47086		8000	27403	56.2	29.4
3851	Prof and scientific equipment n e c		36083			19017	52.7	33.6
3852	Photographic and optical goods		11002			8386	76.2	19.3
3853	watches and clocks		-			-		
390	Other manufacturing industries	45000			32000			
3901	Jewellery and related articles							
3902	Musical instruments							
3903	Sporting and athletic goods							
3909	Manufacturing industries, n e c							
3	Total manufacturing	8314000a/	10609360a/		4168000a/	4338860a/	40.9	27.0

a/ Sum of available data

El Salvador

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(thousand COLONES)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products			105000		198901		108	109	111	115	117	120	127	
313 Beverages			39000		17462		77	80	84	86	87	90	94	
314 Tobacco			5000		2447		68	70	71	76	77	80	84	
321 Textiles			116000		64291		47	66	69	63	67	69	62	
322 wearing apparel, except footwear			19000		61762	a/	70	66	67	73	80	82	86	
323 Leather and fur products			-		3332		62	62	51	66	61	63	66	
324 Footwear, except rubber or plastic			3000		4306	a/	-	-	-	-	-	-	-	
331 wood products, except furniture			-		518		178	188	199	210	219	219	237	
332 Furniture and fixtures, excl metal			-		4439		99	106	111	112	116	116	126	
341 Paper and products			4000		29503		58	47	46	47	61	66	66	
342 Printing and publishing			8000		74887		50	43	46	46	60	64	64	
351 Industrial chemicals			20000		16122	b/	96	100	102	103	111	114	120	
352 Other chemicals			49000		53646	b/	-	-	-	-	-	-	-	
353 Petroleum refineries			76000		12194		78	79	82	80	86	88	93	
354 Misc petroleum and coal products			1000		1398		-	-	-	-	-	-	-	
355 Rubber products			5000		10236		47	38	40	40	44	44	47	
356 Plastic products			6000		66066		-	-	-	-	-	-	-	
361 Pottery, china, earthenware			-		782	c/	86	89	102	103	109	109	113	
362 Glass and products			-		897	c/	-	-	-	-	-	-	-	
369 Other non-metallic mineral products			8000		24066	c/	-	-	-	-	-	-	-	
371 Iron and steel			5000		3069	d/	103	120	122	124	122	134	134	
372 Non-ferrous metals			-		-	d/	-	-	-	-	-	-	-	
381 Fabricated metal products			6000		7715		63	62	66	69	67	60	62	
382 Non-electrical machinery			3000		6967		103	117	120	121	118	123	128	
383 Electrical machinery			30000		28828		63	60	62	62	61	63	66	
384 Transport equipment			-		2216		81	83	86	86	84	87	91	
385 Professional and scientific equipment			2000		230		-	-	-	-	-	-	-	
390 Other manufacturing industries			2000		-		63	74	76	78	86	93	93	
3 Total manufacturing			511000		696268e/		-	-	-	-	-	-	-	

a/ 322 includes 324
 c/ 361 includes 362 and 369
 e/ Sum of available data

b/ 351 includes 352
 d/ 371 includes 372

FIJI

Supplier of information:

Bureau of Statistics, Suva

Basic source of data:

Annual Census of Industries

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with the current version of the ISIC.

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

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

Method of enumeration:

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

Adjusted for non-response:

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

Concepts and definitions of variables:

Wages and salaries is compensation of employees.

Output is gross output.

Value added is total value added.

Related national publications:

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

Fiji

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand DOLLARS)			
		1988	1989	1990	1991a/		1988	1989	1990	1991a/		1988	1989	1990	1991a/
1512 Food Products		131	146	142	127		6307	7087	6386	4810		38136	36477	40313	42196
3111 Slaughtering, preparing & preserving meat		6	6	4	4		94	82	78	76		406	424	534	418
3112 Dairy products		6	6	6	6		300	280	281	283		2169	2297	2358	2608
3113 Canning, preserving of fruits & vegetables	b/	13	13	11	9	b/	418	1434	1667	1107	b/	7664	6856	6173	7326
3114 Canning, preserving and processing of fish	b/					b/					b/				
3115 Vegetable and animal oils and fats		5	4	6	5		100	128	136	120		309	112	956	676
3116 Grain mill products		18	16	17	14		280	188	93	186		1347	1267	1077	1764
3117 Bakery products		50	57	54	53		640	692	614	666		2202	2764	2664	2803
3118 Sugar factories and refineries		1	1	1	1		4026	3857	3284	2037		23075	21934	24860	24382
3119 Cocoa, chocolate and sugar confectionery		17	21	20	16		262	247	266	248		406	677	917	1468
3121 Other food products		11	17	19	14		55	67	84	91		230	309	323	260
3122 Prepared animal feeds		4	5	4	5		234	106	104	108		339	448	561	603
313 Beverages	c/	16	18	20	13	c/	486	566	594	554	c/	3678	4019	4964	5922
3131 Distilling, rectifying and blending spirits	d/	4	5	4	4	d/	337	319	393	373	d/	3007	2966	3696	3936
3132 Wine industries	d/					d/					d/				
3133 Malt liquors and malt	d/					d/					d/				
3134 Soft drinks and carbonated waters		12	13	16	9		149	236	201	181		671	1064	1358	1986
314 Tobacco	c/d/					c/d/					c/d/				
321 Textiles	e/	178	212	224	219	e/	3212	5837	7090	7264	e/	6366	11087	17919	19490
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	e/					e/					e/				
323 Leather and fur products	f/	12	17	18	18	f/	168	180	322	474	f/	336	412	941	1666
3231 Tanneries and leather finishing															
3232 Fur dressing and dyeing industries															
3233 Leather prod. excl wearing apparel															
324 Footwear, except rubber or plastic	f/					f/					f/				
331 Wood products, except furniture		45	53	44	43		1204	1196	1474	1252		3830	6718	9788	8889
3311 Sawmills, planing and other wood mills		37	43	36	34		1197	1160	1424	1221		3811	6659	9631	8746
3312 Wooden and cane containers	g/	8	10	9	9	g/	7	36	50	31	g/	19	59	157	143
3319 Other wood and cork products	g/					g/					g/				
332 Furniture and fixtures, excl metal		80	91	96	69		649	791	966	837		1504	2430	3148	3696
341 Paper and products		10	12	9	9		180	183	229	269		1112	1449	1747	1990
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard	h/	10	12	9	9	h/	180	183	229	269	h/	1112	1449	1747	1990
3419 Other pulp, paper and paperboard articles	h/					h/					h/				
342 Printing and publishing		44	43	41	41		436	636	843	874		2690	4068	4906	6247
351 Industrial chemicals		-	-	-	-		-	-	-	-		-	-	-	-
3511 Basic chemicals excl fertilizers		-	-	-	-		-	-	-	-		-	-	-	-
3512 Fertilizers and pesticides		-	-	-	-		-	-	-	-		-	-	-	-
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		29	29	26	20		370	400	493	538		2768	2646	3662	6091
3521 Paints, varnishes and lacquers		6	6	6	4		106	131	164	166		787	899	922	1640
3522 Drugs and medicines		-	-	-	-		-	-	-	-		-	-	-	-
3523 Soap, cleaning preps, perfumes, cosmetics		13	13	11	8		179	189	240	238		1262	897	1917	2207
3529 Other chemical products		10	10	9	8		86	80	99	134		709	749	723	1344
353 Petroleum refineries		-	-	-	-		-	-	-	-		-	-	-	-

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-		
355 Rubber products	5	7	7	7	101	127	121	107	437	460	612	641			
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-			
3589 Other rubber products	5	7	7	7	101	127	121	107	437	490	612	641			
358 Plastic products	14	16	13	11	167	186	256	247	596	838	1330	1430			
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-			
362 Glass and products	-	-	-	-	-	-	-	-	-	-	-	-			
369 Other non-metallic mineral products	1/	21	23	21	18	1/	206	293	324	396	1/	1409	2244	3739	4080
3691 Structural clay products
3692 Cement, lime and plaster
3699 Other non-metallic mineral products
371 Iron and steel	1/	1/	1/
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	-		
381 Fabricated metal products	64	69	70	63	476	602	756	779	2661	2941	3747	4129			
3811 Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	-	-	-	-			
3812 Furniture and fixtures primarily of metal	4	7	7	7	26	40	43	67	93	132	177	236			
3813 Structural metal products	31	35	37	31	224	316	404	420	1136	1842	2120	2403			
3819 Other fabricated metal products	29	27	26	25	225	246	309	307	1423	967	1460	1490			
382 Non-electrical machinery	J/	39	37	32	36	J/	189	238	226	216	J/	923	1073	941	1173
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	21	22	19	18	61	110	166	142	223	437	699	716			
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-			
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-			
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-			
3829 Other non-electrical machinery & equipment	K/	18	15	13	17	K/	128	128	71	74	K/	700	636	242	468
383 Electrical machinery	J/	J/	J/
3831 Electrical industrial machinery	K/	K/	K/
3832 Radio, television and communication equipm.	-	-	-	-	-	-	-	-	-	-	-	-			
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-			
3839 Other electrical apparatus and supplies	-	-	-	-	-	-	-	-	-	-	-	-			
384 Transport equipment	12	14	14	20	206	301	320	250	1398	1676	1319	1476			
3841 Shipbuilding and repairing	7	9	11	14	148	219	247	187	1180	1311	1068	1278			
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-			
3843 Motor vehicles	5	5	3	6	57	82	73	63	218	264	261	200			
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	43	50	49	46	225	276	281	241	685	731	867	1006			
3901 Jewellery and related articles	13	20	19	18	36	62	77	63	102	184	240	204			
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-			
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-			
3909 Manufacturing industries, n.e.c.	30	30	30	28	190	214	204	178	683	647	617	801			
3 Total manufacturing	743	836	826	789	14460	18686	20671	19087	67497	79086	99823	109009			

a/ Data are provisional.
c/ 313 includes 314.
e/ 321 includes 322.
g/ 3312 includes 3319.
i/ 369 includes 371.
k/ 3829 includes 3831.

b/ 3113 includes 3114.
d/ 3131 includes 3132, 3133 and 314.
f/ 323 includes 324.
h/ 3412 includes 3419.
j/ 382 includes 383.

Fiji

ISIC Industry	Note	Output in producers' prices (thousand DOLLARS)				Note	Value added in producers' prices (thousand DOLLARS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1988	1989	1990	1991a/		1988	1989	1990	1991a/	1988	1991	1988	1991
311-2 Food Products		370829	507917	492159	489966		76502	91084	89223	82405	20.6	16.8	49.8	51.2
3111 Slaughtering, preparing & preserving meat		1497	1491	1661	1494		692	683	774	584	46.2	39.1	58.5	71.6
3112 Dairy products		22047	24439	28146	30803		3741	3355	4676	5076	17.0	16.6	57.7	49.4
3113 Canning, preserving of fruits & vegetables	b/	59778	67745	66741	75107	b/	10224	9187	10532	12969	17.1	17.3	76.0	56.5
3114 Canning, preserving and processing of fish	b/					b/								
3115 Vegetable and animal oils and fats		14143	21273	31788	21802		2628	1846	3512	2977	18.6	13.7	11.8	22.7
3116 Grain mill products		36086	44834	35702	43518		2244	4166	4209	5062	6.2	11.6	60.0	34.8
3117 Bakery products		19840	25184	28206	29048		4485	6076	9473	6784	22.6	23.4	49.1	41.3
3118 Sugar factories and refineries		198625	296567	264663	252633		49700	62939	50636	42611	26.0	10.9	42.4	57.2
3119 Cocoa, chocolate and sugar confectionery		6602	11765	18378	16013		1440	1783	3334	2853	21.8	17.8	25.1	51.6
3121 Other food products		4224	5021	5328	5921		706	456	996	878	16.7	14.8	37.6	26.0
3122 Prepared animal feeds		7987	9598	11546	13627		643	596	1082	2612	8.1	19.2	62.7	23.1
313 Beverages	c/	68415	72248	90028	90988	c/	12702	14163	20553	21066	11.6	23.2	29.0	28.1
3131 Distilling, rectifying and blending spirits	d/	63771	63069	79051	79393	d/	11644	11496	15396	16836	18.3	21.2	26.8	23.4
3132 Wine industries	d/					d/								
3133 Malt liquors and malt	d/					d/								
3134 Soft drinks and carbonated waters		4644	9179	10977	11596		1058	2667	5167	4230	22.8	36.6	63.4	47.0
314 Tobacco	c,d/					c,d/								
321 Textiles	e/	28253	55589	91211	93465	e/	9376	19178	23624	26473	33.2	28.3	67.1	73.6
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	e/					e/								
323 Leather and fur products	f/	2807	3147	4693	7982	f/	583	639	1212	6311	20.8	79.1	67.6	24.6
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather prods. excl. wearing apparel														
324 Footwear, except rubber or plastic	f/					f/								
331 Wood products, except furniture		31470	47508	53933	54274		7859	15306	16062	17861	25.0	32.9	48.7	49.8
3311 Sawmills planing and other wood mills		31099	46803	52674	52857		7710	15161	16871	17529	24.8	33.2	49.4	49.9
3312 Wooden and cane containers	g/	371	705	1259	1417	g/	149	144	181	322	40.2	22.7	12.8	44.4
3319 Other wood and cork products	g/					g/								
332 Furniture and fixtures, excl. metal		7261	12327	15885	18013		2181	3638	4661	6712	30.0	31.7	69.0	64.7
341 Paper and products		13759	20028	22995	24521		2806	5286	7483	6604	20.4	26.6	39.6	30.6
3411 Pulp, paper and paperboard articles														
3412 Containers of paper and paperboard	b/	13759	20028	22995	24521	b/	2806	5286	7483	6604	20.4	26.6	39.6	30.6
3419 Other pulp, paper and paperboard articles	h/					h/								
342 Printing and publishing		12847	20880	26449	28760		4142	6480	9184	9462	32.2	32.9	64.9	66.0
351 Industrial chemicals		-	-	-	-		-	-	-	-	-	-	-	-
3511 Basic chemicals excl. fertilizers		-	-	-	-		-	-	-	-	-	-	-	-
3512 Fertilizers and pesticides		-	-	-	-		-	-	-	-	-	-	-	-
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-	-	-	-	-
352 Other chemicals		28692	29658	42826	56489		6445	7223	10780	14667	22.5	26.0	42.8	34.7
3521 Paints, varnishes and lacquers		9288	10974	12303	13421		1679	1303	2596	2822	18.1	21.0	46.9	54.6
3522 Drugs and medicines														
3523 Soap, cleaning preps, perfumes, cosmetics		15199	12931	20165	23424		2368	2992	4293	6176	16.6	22.1	63.6	42.6
3529 Other chemical products		4205	5753	10358	19644		2408	2843	3891	6669	67.3	33.9	29.4	20.2
353 Petroleum refineries		-	-	-	-		-	-	-	-	-	-	-	-

354 Misc. petroleum and coal products		-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products		3987	4742	6074	4659	789	1072	1281	1133	19.8	24.3	55.4	55.6
3551 Tyres and tubes													
3559 Other rubber products		3987	4742	6074	4659	789	1072	1281	1133	19.8	24.3	55.4	55.6
358 Plastic products		9961	11889	15061	16612	2326	3362	5143	5346	23.3	32.4	26.6	26.8
361 Pottery, china, earthenware		-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products		-	-	-	-	-	-	-	-	-	-	-	-
369 Other non-metallic mineral products	i/	13155	18314	25070	36846	2708	4692	7475	9461	20.6	26.7	52.0	43.1
3691 Structural clay products		...	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster		...	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	i/	...	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products		30648	33447	37766	41423	7820	7009	8111	8567	25.6	20.7	33.9	48.2
3811 Cutlery, hand tools and general hardware		-	-	-	-	-	-	-	-	-	-	-	-
3812 Furniture and fixtures primarily of metal		441	661	1402	1453	147	186	192	307	33.3	21.1	63.3	76.9
3813 Structural metal products		13696	19845	20136	21646	4329	4102	3985	3974	31.6	18.4	26.2	60.6
3819 Other fabricated metal products		16512	12941	16228	18324	3344	2721	3934	4266	20.3	23.4	42.6	34.8
382 Non-electrical machinery	j/	5903	6946	5962	7395	2227	1557	1836	2378	37.7	32.2	41.4	49.3
3821 Engines and turbines		-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment		1343	2090	3297	3457	1071	599	1316	1362	79.7	39.4	20.8	52.6
3823 Metal and wood working machinery		-	-	-	-	-	-	-	-	-	-	-	-
3824 Other special industrial machinery		-	-	-	-	-	-	-	-	-	-	-	-
3825 Office, computing and accounting machinery		-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	k/	4560	4856	2666	3938	1156	958	520	1016	26.4	26.8	60.6	46.1
383 Electrical machinery	j/	...	...	...	...	...	...	...	...	...	...	...	...
3831 Electrical industrial machinery	k/	...	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.		-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares		-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies		-	-	-	-	-	-	-	-	-	-	-	-
384 Transport equipment		4109	6213	7630	6713	1685	2108	1541	2020	38.6	30.1	88.2	73.1
3841 Shipbuilding and repairing		3009	4622	5395	4532	1230	1671	1024	1655	40.9	36.6	95.9	77.1
3842 Railroad equipment		-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles		1100	1691	2235	2181	356	437	517	366	32.3	16.7	61.4	64.8
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		5852	11079	13378	12591	630	2024	1712	1836	9.1	14.6	54.8	54.8
3901 Jewellery and related articles		1745	5148	7292	7146	263	392	524	552	16.1	7.7	38.8	37.0
3902 Musical instruments		-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods		-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.		4107	5931	6086	5446	267	1632	1188	1263	6.6	23.6	62.4	62.4
3 Total manufacturing		637948	861932	951111	990596	140679	184719	209771	221190	22.0	22.3	48.0	49.3

a/ Data are provisional.
c/ 313 includes 314.
e/ 321 includes 322.
g/ 3312 includes 3319.
i/ 369 includes 371.
k/ 3829 includes 3831.

b/ 3113 includes 3114.
d/ 3151 includes 3132, 3133 and 314.
f/ 323 includes 324.
h/ 3412 includes 3419.
j/ 382 includes 383.

Fiji

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand DOLLARS)				Note	(1980=100)									
		1988	1989	1990	1991a/		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		11546	10621	32830	18572	b/	95	126	117	112	128	124	128	133	132	
313 Beverages	c/	836	2298	1898	2798	b/	...	...	...	...	...	...	...	...	...
314 Tobacco	c/	...	...	...	...	b/	...	...	...	...	...	...	...	...	...
321 Textiles	d/	6052	9977	4448	3343		...	...	...	...	...	...	...	...	...
322 wearing apparel, except footwear	d/	...	...	...	...		...	...	...	...	...	...	...	...	...
323 Leather and fur products	e/	104	210	105	455		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	e/	...	...	...	...		...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		2494	2483	3336	1214		97	95	108	102	94	91	86	76	88	
332 Furniture and fixtures, excl. metal		-10	303	617	2687		...	...	...	...	...	...	...	...	...
341 Paper and products		16	2059	568	825	f/	108	116	91	82	86	102	111	113	129	
342 Printing and publishing		1431	39	1677	1364	f/	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		-	-	-	-		...	...	...	...	...	...	...	...	...
352 Other chemicals		432	710	8168	975		115	112	107	116	105	117	125	130	137	
353 Petroleum refineries		-	-	-	-		...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		-	-	-	-		...	...	...	...	...	...	...	...	...
355 Rubber products		173	165	189	258	g/	109	107	65	84	88	87	87	82	84	
356 Plastic products		651	4582	293	487		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		-	-	-	-		...	...	...	...	...	...	...	...	...
362 Glass and products		-	-	-	-		...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	h/	477	502	649	273	i/	113	111	71	53	70	94	95	102	95	
371 Iron and steel	h/	...	...	...	...		...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		613	462	1172	1268		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	j/	33	230	374	802		...	...	...	...	...	...	...	...	...
383 Electrical machinery	j/	...	...	...	...		...	...	...	...	...	...	...	...	...
384 Transport equipment		52	43	-241	338		...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		-	-	-	-		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		276	355	671	297		...	...	...	...	...	...	...	...	...
3 Total manufacturing		25176	35039	56654	33936		...	...	...	...	...	...	...	...	...

a/ Data are provisional.
c/ 313 includes 314
e/ 323 includes 324
g/ Tyre and tube industries
i/ Cement only

b/ 311/2 includes 313 and 314.
d/ 321 includes 322.
f/ 341 includes 342.
h/ 369 includes 371.
j/ 382 includes 383.

FINLAND

Supplier of information:

Statistics Finland, Helsinki.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual industrial statistics inquiry.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

The survey covers chiefly the calendar year, however, in some cases establishments are allowed to report using their own financial year.

Scope:

All units employing five or more persons are surveyed.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees, defined as "wage earners and salaried personnel", covers salaried employees, wage earners and all full- and part-time employees. It is based on the average number of employees throughout the year.

Wages and salaries refers to the compensation of employees. Employers' contributions to social security schemes and pension funds are covered. Regular and overtime cash payments, bonuses and cost-of-living allowances are included, along with vacation and sick leave pay, taxes and social insurance contributions payable by employees and deducted by employers, and payments in kind. Social costs are employers' legally required supplements to wages and salaries. They cover statutory social insurance contributions and voluntary social insurance contributions of a statutory nature.

Output is the gross value of production including the value of all products, allowing for net change of work in progress, goods shipped in the same condition as received, net changes in stocks of finished goods, services rendered and electricity sold.

Value added uses the national accounting concept. It is gross output less the value of materials, fuels and other supplies, contract and commission work done by others, repair and maintenance work done by others, and electricity purchases. Input estimates are on a received basis.

Gross fixed capital formation is expenditure on the purchase of fixed assets plus own-account construction of assets, less sales of fixed assets. Fixed assets are those with a productive life of at least one year, and include assets made by a unit's labour force for its own use; additions, alterations, improvements and repairs to existing assets; new assets (whether or not in use) and used assets. Valuation is at full cost incurred, including delivered price, cost of installation and fees and taxes.

Related national publications:

Yearbook of Industrial Statistics, published by Statistics Finland, Helsinki.

Finland

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million MARKS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311 2 Food Products		785	799	738	711	46 6	44 6	41 5	38 0		4744 3	4737 5	4647 6	4347 8	
3111 Slaughtering, preparing & preserving meat		122	132	119	111	13 5	13 7	12 5	11 6		1366 9	1419 7	1383 4	1297 4	
3112 Dairy products		92	89	83	76	8 1	7 6	6 8	5 7		908 1	881 7	827 4	697 4	
3113 Canning, preserving of fruits & vegetables		29	31	30	31	1 8	1 9	1 9	2 1		178 7	188 2	198 2	236 9	
3114 Canning, preserving and processing of fish		19	20	20	21	0 4	0 4	0 4	0 4		32 2	37 4	34 3	36 1	
3115 Vegetable and animal oils and fats		11	11	9	5	0 8	0 6	0 8	0 8		112 8	94 2	129 7	139 3	
3116 Grain mill products		20	20	16	15	1 3	0 8	0 7	0 6		139 8	91 7	84 2	78 4	
3117 Bakery products		403	401	369	358	13 5	12 6	11 4	10 3		1222 8	1213 4	1140 9	1050 4	
3118 Sugar factories and refineries		6	6	5	5	1 2	0 9	0 9	0 8		143 9	120 6	128 9	131 1	
3119 Cocoa, chocolate and sugar confectionery		13	14	15	17	3 1	3 0	2 8	2 9		298 8	300 9	302 9	314 7	
3121 Other food products		27	31	33	32	1 5	1 8	2 1	1 7		176 0	221 4	261 6	222 1	
3122 Prepared animal feeds		43	41	39	40	1 4	1 3	1 2	1 1		164 3	168 3	158 0	144 0	
313 Beverages		24	22	23	21	5 5	5 4	4 9	4 2		689 9	678 4	661 5	606 1	
3131 Distilling, rectifying and blending spirits		7	7	7	6	0 8	0 8	0 7	0 6		108 5	110 6	92 9	87 6	
3132 Wine industries		2	2	2	1										
3133 Malt liquors and malt		13	12	13	13		2 8	2 6	2 3		303 9	308 6	322 4	303 7	
3134 Soft drinks and carbonated waters		2	1	1	1										
314 Tobacco		4	4	4	4	1 1	1 1	1 0	0 9		148 6	145 6	137 2	127 8	
321 Textiles		204	206	186	175	10 9	9 2	8 1	7 1		898 4	789 7	740 1	698 9	
3211 Spinning, weaving and finishing textiles		44	51	49	50	3 3	2 8	2 3	2 2		289 7	240 8	226 9	221 7	
3212 Made-up textile goods excl. wearing apparel		1	45	42	38	0 9	0 7	0 5	0 6		69 5	68 5	6 6	38 9	
3213 Knitting mills		7	70	58	54	4 6	3 9	3 5	2 9		355 0	317 9	301 4	274 7	
3214 Carpets and rugs		20	17	18	15	0 4	0 3	0 3	0 2		30 5	23 9	23 7	15 6	
3215 Cordage, rope and twine		4	4	4	5	0 2	0 1	0 1	0 1		13 0	10 8	10 3	9 9	
3219 Other textiles		18	19	15	13	1 5	1 4	1 3	1 2		140 7	137 8	128 2	138 1	
322 Wearing apparel, except footwear		265	238	186	173	14 7	11 5	8 2	6 8		1069 9	885 4	648 5	540 5	
323 Leather and fur products		54	46	39	38	1 4	1 1	1 0	0 9		108 7	95 9	82 2	77 0	
3231 Tanneries and leather finishing		12	11	11	10	0 6	0 5	0 5	0 5		63 1	45 5	42 7	44 0	
3232 Fur dressing and dyeing industries		7	6	5	4	0 1	0 1	0 1	0 1		13 2	11 9	9 8	11 5	
3233 Leather goods excl. wearing apparel		35	29	23	24	0 7	0 5	0 4	0 3		42 4	37 5	29 7	21 5	
324 Footwear, except rubber or plastic		56	55	51	54	3 2	2 8	2 1	1 9		241 1	203 2	162 6	154 6	
331 Wood products, except furniture		560	561	507	486	30 4	27 3	24 1	21 4		2880 1	2509 4	2303 5	2196 2	
3311 Sawmills, planing and other wood mills		505	502	452	438	29 4	26 3	23 2	20 6		2757 2	2422 8	2222 7	2122 4	
3312 Pulp and cane containers		26	28	24	20	0 4	0 4	0 4	0 3		42 8	38 6	33 7	26 4	
3319 Other wood and cork products		29	31	31	28	0 6	0 6	0 5	0 5		60 1	48 0	47 1	47 4	
332 Furniture and fixtures, excl. metal		337	358	319	286	10 9	10 4	8 6	7 8		967 4	930 5	793 0	694 2	
34 Paper and products		148	162	165	162	44 4	41 9	40 0	38 6		5938 1	5891 0	5801 7	5789 9	
3411 Pulp, paper and paperboard articles		74	78	72	73	37 1	34 6	32 1	31 1		5086 9	5016 5	4831 3	4803 3	
3412 Containers of paper and paperboard		37	43	43	43	3 9	3 6	3 8	3 6		433 4	408 8	451 2	442 2	
3419 Other pulp, paper and paperboard articles		37	41	50	46	3 4	3 7	4 1	3 9		417 6	456 7	519 2	524 4	
342 Printing and publishing		66	72	670	649	37 8	36 1	32 9	28 6		4520 7	4449 5	4079 6	3628 5	
35 Industrial chemicals		160	165	157	151	13 7	13 2	12 6	12 0		1717 7	1728 8	1708 2	1693 3	
3511 Basic chemicals excl. fertilizers		55	59	57	57	4 9	4 9	5 4	4 7		625 5	640 2	763 2	673 4	
3512 Fertilizers and pesticides		13	12	11	7	2 3	2 1	1 4	1 9		306 2	301 4	180 2	290 6	
3513 Synthetic resins and plastic materials		91	94	89	87	6 5	6 2	5 8	5 4		787 0	787 2	764 8	729 3	
352 Other chemicals		92	110	105	109	10 2	10 1	9 4	9 1		1163 4	1220 3	1124 2	1114 9	
3521 Paints, varnishes and lacquers		17	17	16	16	1 7	1 6	1 5	1 4		213 1	209 5	202 5	192 6	
3522 Drugs and medicines		16	19	21	19	3 8	3 8	3 9	3 7		420 0	448 3	464 9	439 0	
3523 Soap, cleaning preps., perfumes, cosmetics		28	28	26	25	2 2	2 3	1 8	1 5		261 2	287 3	202 7	185 4	
3529 Other chemical products		36	46	42	50	2 5	2 4	2 2	2 5		268 2	275 5	254 1	295 9	
353 Petroleum refineries		4	4	5	3	3 1	3 1	3 1	3 0		484 0	493 5	506 8	502 7	

354 Misc petroleum and coal products	20	20	19	19	0.7	0.9	0.8	0.7	88.8	118.9	114.7	108.4
355 Rubber products	26	29	23	30	2.6	2.5	2.3	2.2	265.9	244.7	244.4	256.6
3551 Tyres and tubes	4	7	7	8	1.6	1.5	1.3	1.3	152.4	139.8	145.7	161.2
3559 Other rubber products	22	22	22	22	1.0	1.0	1.0	0.9	103.5	104.9	98.7	95.4
356 Plastic products	154	169	164	163	7.6	7.0	6.5	6.0	781.9	741.7	686.4	661.8
361 Pottery, china, earthenware	13	13	10	9	1.3	1.3	1.1	0.9	126.7	133.1	115.9	96.8
362 Glass and products	49	49	46	38	3.2	3.1	2.9	2.6	350.4	342.9	321.1	321.4
369 Other non-metallic mineral products	362	401	350	319	15.6	14.0	11.1	7.8	1730.8	1523.4	1207.4	867.3
3691 Structural clay products	17	16	14	10	1.0	0.9	0.6	0.5	106.2	95.0	73.7	63.1
3692 Cement, lime and plaster	13	13	13	12	1.2	1.2	1.0	0.6	150.3	146.1	131.0	76.0
3699 Other non-metallic mineral products	332	372	323	297	13.4	11.9	9.5	6.7	1474.3	1282.3	1002.7	730.2
371 Iron and steel	51	55	56	55	12.8	12.0	11.4	11.2	1674.6	1440.7	1515.6	1508.8
372 Non-ferrous metals	22	23	21	20	4.3	4.2	4.2	4.2	539.7	536.8	577.2	600.6
381 Fabricated metal products	740	831	721	716	31.9	29.9	24.6	23.0	3425.6	3223.6	2728.2	2594.0
3811 Cutlery, hand tools and general hardware	62	67	59	55	3.1	2.6	2.4	2.4	312.5	280.3	259.2	259.0
3812 Furniture and fixtures primarily of metal	41	38	31	26	1.6	1.3	1.0	0.9	157.4	120.0	103.0	85.6
3813 Structural metal products	306	338	289	304	12.7	11.9	9.4	8.6	1421.7	1332.3	1157.0	980.4
3819 Other fabricated metal products	331	388	342	331	14.5	14.1	11.8	11.2	1635.0	1491.0	1309.0	1265.1
382 Non-electrical machinery	648	733	707	674	52.3	47.8	42.9	39.1	6221.9	5616.1	5295.5	6003.3
3821 Engines and turbines	17	23	17	16	0.6	0.8	0.7	0.6	69.4	90.7	81.3	69.7
3822 Agricultural machinery and equipment	45	49	47	39	3.3	2.6	1.8	1.4	340.1	268.6	174.1	146.4
3823 Metal and wood working machinery	55	50	54	49	3.0	3.1	2.5	2.2	346.4	353.3	305.0	280.0
3824 Other special industrial machinery	220	232	237	228	18.3	16.3	16.0	14.9	2194.7	1920.1	2009.9	1941.2
3825 Office, computing and accounting machinery	21	24	27	25	5.0	2.9	3.5	3.3	669.7	363.2	449.4	416.7
3829 Other non-electrical machinery & equipment	290	349	325	317	22.1	22.1	18.4	16.6	2595.6	2519.3	2275.8	2149.3
383 Electrical machinery	236	250	257	262	28.5	26.0	24.4	23.6	3103.0	2938.3	2920.4	2956.0
3831 Electrical industrial machinery	110	111	118	120	10.5	9.3	9.2	8.4	1155.5	1060.6	1078.2	1042.2
3832 Radio, television and communication equipm	66	79	74	77	11.5	11.0	10.5	11.3	1248.7	1258.9	1300.2	1460.7
3833 Electrical appliances and housewares	11	10	12	13	0.6	0.5	0.5	0.6	57.5	45.0	43.8	59.9
3839 Other electrical apparatus and supplies	49	50	53	52	5.9	5.2	4.2	3.3	640.3	573.8	498.2	393.2
384 Transport equipment	239	259	214	198	27.7	26.4	24.7	23.2	3265.5	3118.8	3037.7	2705.6
3841 Shipbuilding and repairing	85	97	76	72	11.6	11.2	10.9	10.3	1466.4	1392.7	1450.6	1277.6
3842 Railroad equipment	6	14	14	16	3.1	3.3	3.1	2.9	350.6	375.0	321.5	303.0
3843 Motor vehicles	129	130	105	93	8.9	7.9	6.8	6.3	935.1	850.4	762.4	610.7
3844 Motorcycles and bicycles	6	7	5	5	0.6	0.6	0.5	0.4	57.8	55.6	44.4	39.6
3845 Aircraft	8	8	9	7	3.2	3.2	3.2	3.1	430.0	430.1	443.1	458.0
3849 Other transport equipment	5	3	5	5	0.3	0.2	0.2	0.2	25.6	15.0	15.6	16.7
385 Professional and scientific equipment	94	103	102	111	5.8	5.7	5.2	4.8	694.3	685.7	696.8	636.7
3851 Prof and scientific equipment n e c	88	97	94	103	5.7	5.5	5.1	4.7	680.2	669.6	660.5	622.0
3852 Photographic and optical goods	a/	6	8	8	0.1	0.2	0.1	0.1	14.1	15.6	15.3	13.7
3853 watches and clocks	a/											
390 Other manufacturing industries	86	93	91	87	3.6	3.5	3.3	3.2	341.1	342.7	333.0	325.9
3901 Jewellery and related articles	26	31	29	27	0.9	0.9	0.7	0.6	96.9	99.2	81.9	76.0
3902 Musical instruments	9	9	8	6	0.2	0.2	0.2	0.2	21.8	19.5	18.1	13.3
3903 Sporting and athletic goods	18	21	23	22	1.3	1.2	1.2	1.2	105.6	108.6	112.9	117.5
3909 Manufacturing industries, n e c	33	32	31	32	1.2	1.2	1.2	1.2	114.8	116.4	120.1	119.1
3 Total manufacturing	6101	6480	5942	5723	431.8	401.9	363.1	332.8	48019.4	45814.7	43191.0	40786.6

a/ 3852 includes 3853

Finland

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million MARKS)					(million MARKS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311.2 Food Products		44751	44113	43211	43891	9850	10212	10166	10548	22.0	24.0	48.2	41.2	
3111 Slaughtering, preparing & preserving meat		14914	15109	13986	13709	2893	3004	2697	2716	19.4	19.8	47.2	47.8	
3112 Dairy products		12411	12177	11878	11485	1694	1633	1780	1919	13.6	16.7	63.6	36.3	
3113 Canning, preserving of fruits & vegetables		1483	1357	1345	1880	543	457	460	598	36.6	31.8	32.9	39.6	
3114 Canning, preserving and processing of fish		190	243	247	296	50	77	76	83	26.3	28.0	64.4	43.6	
3115 Vegetable and animal oils and fats		1356	1360	1583	1722	347	463	509	308	25.6	17.9	32.5	46.2	
3116 Grain mill products		1460	1441	1432	1454	183	283	267	282	12.5	19.4	76.4	27.8	
3117 Bakery products		4462	4585	4286	4362	2249	2384	2086	2174	50.4	48.3	64.4	49.9	
3118 Sugar factories and refineries		1636	1451	1670	1837	166	170	342	470	10.1	25.6	87.2	27.9	
3119 Cocoa, chocolate and sugar confectionery		1489	1533	1599	1986	563	567	590	837	37.8	42.1	63.1	37.6	
3121 Other food products		2201	1969	2459	2379	631	648	621	726	28.7	30.5	27.9	30.6	
3122 Prepared animal feeds		3149	2888	2726	2791	532	526	540	606	16.9	18.1	30.9	28.5	
313 Beverages		4788	5140	4800	4697	2646	2956	2363	2518	53.2	64.8	26.3	23.6	
3131 Distilling, rectifying and blending spirits		1126	1106	898	972	737	768	530	610	65.5	62.5	14.7	17.2	
3132 Wine industries														
3133 Malt liquors and malt		2433	2696	2964	3101	1313	1673	1780	2008	54.0	64.8	23.1	15.1	
3134 Soft drinks and carbonated waters														
314 Tobacco		1119	1096	1028	989	675	672	559	536	60.3	54.2	22.0	23.8	
321 Textiles		3488	2943	3009	3139	1475	1196	1306	1404	42.3	44.7	60.9	49.8	
3211 Spinning, weaving and finishing textiles		1161	914	967	1103	419	313	406	475	36.1	43.1	69.1	46.7	
3212 Made-up textile goods excl. wearing apparel		323	277	231	197	145	125	106	82	44.9	41.6	47.9	47.4	
3213 Knitting mills		1190	996	982	1021	527	442	469	517	44.3	60.6	67.4	53.1	
3214 Carpets and rugs		139	105	98	67	79	53	48	34	56.8	60.7	38.6	45.9	
3215 Cordage, rope and twine		38	37	38	40	23	22	21	20	60.5	60.0	56.5	49.5	
3219 Other textiles		637	614	693	711	282	240	257	276	44.3	38.8	49.9	60.0	
322 Wearing apparel, except footwear		3437	2605	2001	1842	1638	1343	1027	987	47.7	63.6	65.3	64.8	
323 Leather and fur products		462	392	381	367	182	170	155	157	39.4	42.8	69.7	49.0	
3231 Tanneries and leather finishing		285	243	249	258	77	82	75	91	27.0	36.3	69.0	48.4	
3232 Fur dressing and dyeing industries		35	29	29	32	21	19	19	20	60.0	62.5	62.9	57.6	
3233 Leather prod. excl. wearing apparel		142	120	103	77	84	69	61	46	59.2	69.7	60.6	46.7	
324 Footwear, except rubber or plastic		865	680	598	619	354	276	283	288	40.9	46.6	68.1	53.7	
331 Wood products, except furniture		17451	13316	13327	14647	6036	3846	4545	5352	34.6	36.8	47.4	41.0	
3311 Sawmills, planing and other wood mills		17053	12956	12999	14214	5846	3678	4396	5194	34.3	36.5	47.3	40.9	
3312 Wooden and cane containers		204	182	167	156	89	77	63	60	47.6	38.6	48.1	44.0	
3319 Other wood and cork products		194	178	161	177	101	91	86	98	62.1	65.4	49.6	48.4	
332 Furniture and fixtures, excl. metal		3918	3290	2973	2749	1969	1526	1299	1166	60.3	42.4	49.1	69.6	
341 Paper and products		44506	40964	43685	48558	13778	11154	13514	16466	31.0	33.9	43.1	35.0	
3411 Pulp, paper and paperboard articles		39382	35818	37944	42344	11906	9368	11333	14174	30.2	33.6	42.7	33.9	
3412 Containers of paper and paperboard		2342	2010	2275	2436	909	738	909	961	38.8	39.6	47.7	46.0	
3419 Other pulp, paper and paperboard articles		2782	3136	3466	3779	963	1058	1272	1330	34.6	35.2	43.4	39.4	
342 Printing and publishing		18200	17283	16462	14334	8082	7624	6869	6314	44.4	44.0	56.0	67.6	
351 Industrial chemicals		13513	11874	11999	13513	5243	4052	4824	5230	38.8	38.7	32.8	32.4	
3511 Basic chemicals excl. fertilizers		5461	4870	4731	5631	2498	1820	1810	2266	46.7	40.2	25.0	29.7	
3512 Fertilizers and pesticides		2500	2096	2239	2227	1028	770	1153	909	41.1	40.8	29.7	32.0	
3513 Synthetic resins and plastic materials		5552	4908	5029	5655	1717	1462	1861	2066	30.9	36.3	46.8	36.6	
352 Other chemicals		5938	6144	6160	6289	2702	2686	2774	2873	45.6	46.7	43.1	38.8	
3521 Paints, varnishes and lacquers		1304	1163	1141	1226	451	414	432	483	34.6	39.4	47.3	39.9	
3522 Drugs and medicines		2103	2339	2420	2232	1098	1213	1216	1104	62.2	49.6	38.3	39.8	
3523 Soap, cleaning prep., perfumes, cosmetics		1256	1187	1112	1125	481	383	423	418	38.3	37.2	64.3	44.6	
3529 Other chemical products		1275	1455	1477	1707	672	676	703	868	62.7	60.8	39.9	34.2	
353 Petroleum refineries		11099	10183	10188	11083	2579	2361	1658	1826	23.2	16.6	18.0	27.6	

354 Misc petroleum and coal products	1081	1266	1224	1528	463	449	399	488	42 8	31 9	19 2	22 2
355 Rubber products	1064	888	999	1184	509	387	492	548	47 8	46 3	50 3	46 8
3551 Tyres and tubes	635	524	633	787	300	221	323	369	47 2	46 9	50 8	43 7
3559 Other rubber products	429	364	366	397	209	166	169	179	48 7	46 1	49 5	53 3
356 Plastic products	3477	2887	2878	3017	1626	1348	1390	1417	46 8	47 0	48 1	46 7
361 Pottery, china, earthenware	435	390	357	360	281	227	203	216	64 6	60 0	45 1	44 8
362 Glass and products	1327	1300	1397	1499	622	619	692	742	46 9	49 5	56 3	43 3
369 Other non-metallic mineral products	8524	6861	5297	4262	4027	3128	2296	1936	47 2	45 4	43 0	44 9
3691 Structural clay products	420	320	241	224	236	161	108	110	66 0	49 1	45 2	57 4
3692 Cement, lime and plaster	930	790	679	483	426	353	267	184	45 7	38 1	36 4	41 3
3699 Other non-metallic mineral products	7174	5751	4377	3555	3367	2614	1931	1642	46 9	46 2	43 8	44 5
371 Iron and steel	12382	11447	13682	16264	3251	3016	4088	4967	25 3	30 5	48 4	30 4
372 Non-ferrous metals	7466	6620	7842	8494	1388	1213	1409	1325	18 6	15 6	38 9	45 3
381 Fabricated metal products	14662	12844	11878	12616	6727	5864	5288	5564	45 9	44 1	50 9	46 6
3811 Cutlery, hand tools and general hardware	1023	829	792	895	596	483	433	501	58 2	66 0	62 5	52 5
3812 Furniture and fixtures primarily of metal	556	386	352	330	284	197	176	159	51 1	48 2	55 4	53 8
3813 Structural metal products	6843	5933	5405	6523	2803	2516	2111	2157	41 0	39 1	50 7	45 5
3819 Other fabricated metal products	6240	5696	5329	5868	3048	2668	2568	2747	48 8	46 8	50 4	46 1
382 Non-electrical machinery	27728	21761	22727	25081	12828	9433	9580	10178	46 3	40 5	48 5	49 2
3821 Engines and turbines	247	264	299	245	106	112	122	116	42 9	46 9	65 5	60 6
3822 Agricultural machinery and equipment	1885	1004	888	898	682	238	288	284	36 2	31 6	50 7	51 5
3823 Metal and wood working machinery	1568	1373	1179	1226	673	556	479	562	42 9	45 0	51 5	50 7
3824 Other special industrial machinery	11171	7700	8343	9000	5098	3676	3765	4283	45 6	47 6	43 1	45 3
3825 Office, computing and accounting machinery	2847	2114	3830	4916	1493	606	1142	1197	52 4	24 4	44 9	34 8
3829 Other non-electrical machinery & equipment	10010	9302	8188	8797	4776	4246	3784	3747	47 7	42 6	54 3	57 4
383 Electrical machinery	14678	11851	13884	18598	7006	5168	6420	6319	47 7	44 7	44 3	35 5
3831 Electrical industrial machinery	4673	4233	4808	5350	2446	2282	2717	3091	52 3	57 8	47 3	33 7
3832 Radio, television and communication equipm	6888	5091	6540	10790	3349	1971	2696	4187	48 6	38 9	37 3	34 8
3833 Electrical appliances and housewares	283	253	210	270	126	124	80	120	44 6	44 4	45 6	49 9
3839 Other electrical apparatus and supplies	2834	2274	2326	2188	1085	781	927	911	38 3	41 6	59 0	43 2
384 Transport equipment	14775	12337	13389	13427	5374	4704	5186	5251	36 4	39 1	60 8	61 5
3841 Shipbuilding and repairing	6626	5906	7571	8111	2313	2111	2744	3007	34 9	37 1	63 4	42 8
3842 Railroad equipment	1349	1089	883	961	526	386	310	458	39 0	48 2	66 7	66 2
3843 Motor vehicles	5529	4112	3783	3027	1877	1467	1484	991	33 9	32 7	49 8	61 6
3844 Motorcycles and bicycles	316	316	238	210	173	163	106	106	54 9	50 5	33 4	37 4
3845 Aircraft	870	870	861	1075	442	565	613	660	60 8	61 4	97 3	69 4
3849 Other transport equipment	86	44	53	53	43	22	29	29	50 0	54 7	59 5	57 6
385 Professional and scientific equipment	2503	2580	2716	2955	1316	1344	1466	1497	52 6	50 7	52 8	42 5
3851 Prof and scientific equipment n e c	2456	2520	2645	2896	1286	1310	1412	1485	52 4	50 6	52 9	42 5
3852 Photographic and optical goods	47	60	71	59	30	34	43	32	63 8	64 2	47 0	42 8
3853 Watches and clocks												
390 Other manufacturing industries	1239	1269	1329	1424	643	648	697	769	51 9	54 0	53 0	42 4
3901 Jewellery and related articles	406	402	393	344	194	185	176	164	47 8	47 7	51 0	46 3
3902 Musical instruments	64	51	51	40	34	27	27	21	53 1	52 5	64 1	63 3
3903 Sporting and athletic goods	378	381	412	520	188	180	217	280	49 7	53 8	66 2	42 0
3909 Manufacturing industries, n e c	391	435	473	520	227	266	278	304	58 1	58 5	50 6	39 2
3 Total manufacturing	284876	254324	268411	277226	103170	87600	90926	98870	36 2	36 7	46 5	41 3

a/ 3852 includes 3853

Finland

Gross fixed capital formation					Index numbers of industrial production										
(million MARKS)					(1980=100)										
ISIC Industry	Note	1990	1991	1992	1993	Note	1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products		1840 9	1436 8	1787 9	1037 8		111	114	116	119	120	120	118	119	123
313 Beverages		498 7	459 4	881 0	276 1		108	117	119	132	137	139	141	141	149
314 Tobacco		74 0	47 3	72 7	35 2		96	98	102	109	102	106	94	93	87
321 Textiles		287 2	117 1	80 1	171 6		79	75	78	73	70	64	62	63	65
322 wearing apparel, except footwear		56 2	16 7	22 9	14 3		107	107	95	78	68	58	43	36	33
323 Leather and fur products		25 5	12 1	11 0	9 3		107	103	95	84	72	66	66	66	62
324 Footwear, except rubber or plastic		-2 9	4 2	4 1	6 7		113	107	102	95	73	66	64	46	45
331 wood products, except furniture		1248 6	1000 6	713 6	753 8		89	90	94	99	108	98	76	79	92
332 Furniture and fixtures, excl metal		181 0	141 5	170 8	48 7		109	108	117	128	131	120	100	94	91
341 Paper and products		6805 0	5264 2	4316 1	3990 8		113	116	121	129	130	132	128	133	144
342 Printing and publishing		1303 3	964 9	884 6	499 0		125	129	134	139	146	142	129	120	116
351 Industrial chemicals		1273 0	742 1	665 8	1019 2		115	117	124	136	146	144	132	141	143
352 Other chemicals		504 0	329 9	302 1	224 1		116	112	119	125	133	131	128	120	119
353 Petroleum refineries		269 3	410 5	248 7	611 1		96	95	108	108	97	117	122	125	120
354 Misc. petroleum and coal products		37 6	225 4	464 8	60 8		137	131	146	144	161	169	136	130	133
355 Rubber products		89 4	34 2	59 9	29 2		101	104	94	91	91	92	76	84	93
356 Plastic products		203 6	122 6	91 1	170 6		144	156	180	190	201	197	172	172	184
361 Pottery, china, earthenware		28 2	24 1	147 1	16 4		103	102	106	115	122	117	106	100	90
362 Glass and products		87 9	60 4	56 6	60 1		93	94	107	115	118	112	107	117	122
369 Other non-metallic mineral products		998 1	352 7	208 5	210 6		114	111	124	127	140	137	114	101	94
371 Iron and steel		818 8	717 0	486 1	380 7		116	115	119	126	127	130	134	152	168
372 Non-ferrous metals		213 5	316 6	168 5	309 0		134	146	161	161	170	174	162	158	168
381 Fabricated metal products		903 2	640 1	320 0	312 8		137	146	161	170	184	176	161	141	144
382 Non-electrical machinery		1430 6	915 6	662 5	494 5		134	127	137	143	162	152	114	111	120
383 Electrical machinery		702 6	382 4	594 0	769 9		137	160	176	192	219	226	203	266	329
384 Transport equipment		883 7	514 3	338 7	675 1		112	112	112	106	100	95	86	89	69
385 Professional and scientific equipment		148 7	101 0	94 4	126 1		182	198	217	241	264	260	229	227	261
390 Other manufacturing industries		62 5	43 5	67 3	36 6		113	120	114	121	131	128	121	120	131
3 Total manufacturing		20962 2	15397 2	13910 9	12250 0		115	117	123	128	133	131	117	120	127

FRANCE

Supplier of information:

Institut national de la statistique et des études économiques (INSEE), Paris.
Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

National accounts compilations.

Major deviations from current version of ISIC:

None reported

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

All establishments

Method of enumeration:

Not reported

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Number of employees refers to the average number of employees throughout the year. Both full- and part-time employees are included.

Output is gross output in basic values.

Value added, also in basic values, is calculated as gross output, less the cost of materials, fuels and other supplies; contract, commission, repair and maintenance work done by others; goods shipped in the same condition as received; and electricity purchased. Inputs are calculated on the basis of the amount consumed.

Gross fixed capital formation is the value of acquisitions of fixed capital (plus own-account construction) less the value of sales of own account construction. Fixed assets covered are those with a productive life of more than one year and include assets made by a unit's labour force for its own use; additions, alterations, improvements, and repairs; new assets not yet in use and used assets. Valuation for new assets is the full cost incurred, including delivered price and installation charges, but excluding fees and taxes. Assets produced by the unit are valued at the cost of work put in progress, while for sales of used assets, the actual amount realized is taken.

Related national publications:

Système élargi de comptabilité nationale: Sources et méthodes d'élaboration des comptes nationaux, both published by Institut national de la statistique et des études économiques (INSEE), Paris.

France

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million francs)						
	Note	1990	1991	1992	1993	Note	1990	1991	1992	1993	Note	1990	1991	1992	1993
311/2 Food products							482.6	489.1	484.1	449.5		76682			
313 Beverages							43.8	43.0	42.6	42.0		10686			
314 Tobacco							6.1	6.0	4.9	4.9		1329			
321 Textiles							209.9	197.4	163.8	171.4		22218			
322 Wearing apparel, except footwear							144.7	134.2	128.7	119.9		22378			
323 Leather and fur products							19.9	18.7	17.4	16.1		4067			
324 Footwear, except rubber or plastic							62.6	49.2	46.9	42.7		6686			
331 Wood products, except furniture							93.2	90.6	90.5	87.6		12966			
332 Furniture and fixtures, excl. metal							83.6	81.2	77.4	74.3		12987			
341 Paper and products							107.4	105.9	104.6	101.9		20694			
342 Printing and publishing							233.6	230.8	224.0	218.6		46731			
351 Industrial chemicals							118.3	114.1	111.0	108.4		28824			
352 Other chemicals							184.3	186.9	186.7	184.6		41029			
353 Petroleum refineries							23.4	22.4	21.7	20.8		7664			
354 Misc. petroleum and coal products															
355 Rubber products							94.0	94.6	87.9	86.0		13628			
356 Plastic products							121.2	121.6	122.9	120.2		21768			
361 Pottery, china, earthenware							66.2	66.6	66.2	64.1		9860			
362 Glass and products							89.6	87.0	84.4	79.4		22168			
369 Other non-metallic mineral products															
371 Iron and steel							188.4	183.6	174.8	166.3		26776			
372 Non-ferrous metals							48.3	46.7	46.0	43.6		12812			
381 Fabricated metal products							364.4	364.6	343.0	320.8		73119			
382 Non-electrical machinery							439.8	440.1	423.6	400.2		91001			
383 Electrical machinery							474.0	473.2	464.1	436.0		93842			
384 Transport equipment							638.6	627.6	614.4	583.6		102736			
385 Professional and scientific equipment							67.9	68.2	66.8	62.0		13878			
390 Other manufacturing industries							100.2	97.5	91.7	86.3		14733			
3 Total manufacturing							4361.6	4287.5	4164.8	3990.6		818074			

France

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million FRANCS)					(million FRANCS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311-2 Food Products		520841	534531	545906	532410	139160	145349	155228	162323	26.7	30.6	67.2	67.2	
313 Beverages		71880	76973	73174	76307	29307	30039	23408	36383	40.8	47.7	36.6	36.6	
314 Tobacco		13329	13594	14891	17411	10460	10778	12024	14675	78.4	83.7	12.7	12.7	
321 Textiles		115718	111013	110709	97502	41744	39401	40078	34468	36.1	35.4	65.2	65.2	
322 Wearing apparel, except footwear		74190	74662	72673	66281	31620	31978	32342	31333	42.6	47.3	70.8	70.8	
323 Leather and fur products		13716	12496	12237	10143	6151	6169	5963	5027	44.8	49.6	66.1	66.1	
324 Footwear, except rubber or plastic		15736	16573	15348	14766	7731	8611	8128	8132	49.1	66.1	73.2	73.2	
331 Wood products, except furniture		57132	57709	56431	51942	22774	23443	23440	22497	39.9	43.3	66.9	66.9	
332 Furniture and fixtures, excl. metal		49916	50762	49934	49746	21833	22208	24460	25616	43.3	61.3	60.0	60.0	
341 Paper and products		108983	109022	107946	96511	37151	36960	35347	31092	34.1	32.2	65.7	65.7	
342 Printing and publishing		164001	173976	178673	182987	68066	74676	80646	87604	41.6	47.9	68.7	68.7	
351 Industrial chemicals		165442	156167	148256	138980	59202	52062	46768	41480	36.8	29.8	48.7	48.7	
352 Other chemicals		189573	197359	211285	217338	87667	72189	78432	84964	36.7	39.1	60.6	60.6	
353 Petroleum refineries		193381	200366	191343	197790	82380	91678	91068	96892	42.6	49.0	9.7	9.7	
354 Misc. petroleum and coal products														
355 Rubber products		37775	38120	39885	36217	18192	16177	20644	18890	48.2	62.2	74.9	74.9	
356 Plastic products		98870	102836	103626	99096	36279	38664	41287	38063	36.7	38.4	60.0	60.0	
361 Pottery, china, earthenware														
362 Glass and products		31241	31578	31549	29609	16624	16977	16677	16640	51.9	62.7	68.6	68.6	
369 Other non-metallic mineral products		92383	94265	90666	86702	40964	41744	40166	38464	44.3	44.9	64.1	64.1	
371 Iron and steel		147046	137714	130647	113429	46923	41812	37647	31307	31.2	27.6	58.3	58.3	
372 Non-ferrous metals		82492	76044	76395	69962	24686	22282	24348	22996	29.9	32.9	61.9	61.9	
381 Fabricated metal products		226975	227794	227573	206269	109426	113268	114861	103491	48.2	60.4	66.8	66.8	
382 Non-electrical machinery		337968	338967	325299	306399	136148	130643	122636	111198	40.0	36.4	67.3	67.3	
383 Electrical machinery		300239	312554	316772	311904	140323	143713	146961	146798	46.7	48.7	66.9	66.9	
384 Transport equipment		499677	506240	526722	476530	166223	149603	166007	146647	31.2	30.6	66.9	66.9	
385 Professional and scientific equipment		41485	41769	42198	40926	22378	22132	22302	21621	63.9	62.6	62.0	62.0	
390 Other manufacturing industries		49644	48938	48908	48338	23616	22416	24401	26603	47.4	63.0	62.7	62.7	
3 Total manufacturing		3699632	3741911	3748034	3572389	1394603	1407646	1430849	1400791	37.7	39.2	68.7	68.7	

France

Index numbers of industrial production

Gross fixed capital formation

	Note	(million FRANCS)							(1980=100)						
		1990	1991	1992	1993	Note	1985	1986	1987	1988	1989	1990	1991	1992	1993
SIC industry															
311 Food products	a	32600	32408	31025	28751		107	106	109	113	114	119	122	124	124
313 Beverages	a						105	109	113	118	128	126	119	117	117
314 Tobacco	a						91	81	74	72	73	76	69	73	66
321 Textiles	b	8670	7676	7681	6448		86	84	81	80	80	77	72	71	68
322 Wearing apparel, except footwear	b						94	94	87	79	76	72	68	63	67
323 Leather and fur products	c	1199	1045	991	1040		82	80	77	68	69	64	60	55	46
324 Footwear, except rubber or plastic	c						99	96	88	79	80	83	78	76	72
331 Wood products, except furniture	d	9533	3349	7681	7719		81	82	86	93	100	99	99	96	89
332 Furniture and fixtures, excl. metal	d						80	82	83	87	89	97	90	86	82
341 Paper and products		10513	8934	8944	4655		109	112	117	124	130	133	137	144	140
342 Printing and publishing		10500	10013	3876	7564		112	116	126	139	146	162	146	142	139
351 Industrial chemicals		14796	13225	10960	9534		112	114	117	122	125	123	123	128	127
352 Other chemicals		8289	8871	10291	9260		119	120	125	136	147	163	159	169	174
353 Petroleum refineries	e	13646	13509	17909	12339		47	64	61	66	66	66	67	63	66
354 Misc. petroleum and coal products							78	74	68	68	67	66	62	62	56
355 Rubber products	f	10940	9864	9036	8046		85	87	80	94	98	98	99	98	92
356 Plastic products	f						120	129	139	150	161	169	167	170	164
361 Pottery, china, earthenware		2448	2321	2212	1760		83	84	79	83	81	86	81	76	71
362 Glass and products		8615	8229	7051	4862		100	96	97	100	103	109	108	108	102
369 Other non-metallic mineral products							75	78	81	87	88	88	84	76	70
371 Iron and steel	g	5379	4639	4029	3112		80	75	76	81	83	81	78	75	69
372 Non-ferrous metals	h	9175	10215	8094	7954	n/	89	92	96	100	106	107	106	108	99
381 Fabricated metal products		20520	18309	16182	11638		87	88	89	94	98	100	96	93	86
382 Non-electrical machinery		15059	14446	11754	9024		86	82	84	92	98	106	97	91	82
383 Electrical machinery		24461	24385	20751	19884		111	112	113	117	120	126	123	120	116
384 Transport equipment		32058	31106	30759	25160		87	81	94	103	110	110	111	108	98
385 Professional and scientific equipment							107	108	108	115	116	117	123	122	122
390 Other manufacturing industries															
3 Total manufacturing		238401	227543	206606	179240		95	95	96	102	106	108	106	106	101

a/ 311 includes 322
 b/ 321 includes 322
 c/ 331 includes 332
 d/ 353 includes 356
 e/ 371 includes non-ferrous metal ore mining
 f/ 372 includes non-ferrous metal ore mining
 g/ including mining

GAMBIA

Supplier of information:

Central Statistics Department, Banjul

Basic source of data:

Not reported

Major deviations from current version of ISIC:

None reported

Reference period (if not calendar year):

Scope:

Not reported

Method of enumeration:

Not reported

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Related national publications:

National Accounts of The Gambia, Banjul.

Gambia

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (DALASIS)								
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993					
311/2 Food Products					37															
3111 Slaughtering, preparing & preserving meat					5															
3112 Dairy products					1															
3113 Canning, preserving of fruits & vegetables					-															
3114 Canning, preserving and processing of fish					7															
3115 Vegetable and animal oils and fats					2															
3116 Grain mill products					-															
3117 Bakery products					21															
3118 Sugar factories and refineries					-															
3119 Cocoa, chocolate and sugar confectionery					1															
3121 Other food products					-															
3122 Prepared animal feeds					-															
313 Beverages					2															
3131 Distilling, rectifying and blending spirits					-															
3132 Wine industries					1															
3133 Malt liquors and malt					-															
3134 Soft drinks and carbonated waters					1															
314 Tobacco					-															
321 Textiles					1															
3211 Spinning, weaving and finishing textiles					1															
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					57															
323 Leather and fur products					2															
3231 Tanneries and leather finishing					2															
3232 Fur dressing and dyeing industries					-															
3233 Leather prods excl wearing apparel					-															
324 Footwear, except rubber or plastic					-															
331 Wood products, except furniture					2															
3311 Sawmills, planing and other wood mills					2															
3312 Wooden and cane containers					-															
3319 Other wood and cork products					-															
332 Furniture and fixtures, excl metal					16															
341 Paper and products					-															
3411 Pulp, paper and paperboard articles					-															
3412 Containers of paper and paperboard					-															
3419 Other pulp, paper and paperboard articles					-															
342 Printing and publishing					10															
351 Industrial chemicals					-															
3511 Basic chemicals excl fertilizers					-															
3512 Fertilizers and pesticides					-															
3513 Synthetic resins and plastic materials					-															
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	...	...	2	...	...	18	...	...	...
355	Rubber products	...	...	1	...	...	15	...	...	...
3551	Tyres and tubes	...	...	-	...	...	-	...	...	...
3559	Other rubber products	...	...	1	...	...	15	...	...	...
356	Plastic products	...	...	2	...	...	89	...	...	...
361	Pottery, china, earthenware	...	...	-	...	...	-	...	...	...
362	Glass and products	...	...	-	...	...	-	...	...	...
369	Other non-metallic mineral products	...	...	4	...	...	109	...	...	...
3691	Structural clay products	...	...	-	...	...	-	...	...	...
3692	Cement, lime and plaster	...	...	1	...	...	40	...	...	...
3699	Other non-metallic mineral products	...	...	3	...	...	69	...	...	...
371	Iron and steel	...	...	-	...	...	-	...	...	...
372	Non-ferrous metals	...	...	-	...	...	-	...	...	...
381	Fabricated metal products	...	...	7	...	...	69	...	...	...
3811	Cutlery, hand tools and general hardware	...	...	-	...	...	-	...	...	...
3812	Furniture and fixtures primarily of metal	...	...	2	...	...	25	...	...	...
3813	Structural metal products	...	...	-	...	...	-	...	...	...
3819	Other fabricated metal products	...	...	5	...	...	33	...	...	...
382	Non-electrical machinery	...	...	1	...	...	9	...	...	...
3821	Engines and turbines	...	...	-	...	...	-	...	...	...
3822	Agricultural machinery and equipment	...	...	1	...	...	9	...	...	...
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	...	...	-	...	...	-	...	...	...
3831	Electrical industrial machinery	...	...	-	...	...	-	...	...	...
3832	Radio, television and communication equipa.	...	...	-	...	...	-	...	...	...
3833	Electrical appliances and housewares	...	...	-	...	...	-	...	...	...
3839	Other electrical apparatus and supplies	...	...	-	...	...	-	...	...	...
384	Transport equipment	...	...	1	...	...	9	...	...	...
3841	Shipbuilding and repairing	...	...	-	...	...	-	...	...	...
3842	Railroad equipment	...	...	-	...	...	-	...	...	...
3843	Motor vehicles	...	...	-	...	...	-	...	...	...
3844	Motorcycles and bicycles	...	...	1	...	...	9	...	...	...
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	...	...	3	...	...	...
3901	Jewellery and related articles	...	...	2	...	...	3	...	...	...
3902	Musical instruments	...	...	-	...	...	-	...	...	...
3903	Sporting and athletic goods	...	...	-	...	...	-	...	...	...
3909	Manufacturing industries, n e c	...	...	-	...	...	-	...	...	...
3	Total manufacturing	...	...	147	...	...	2482	...	...	30038960

Gambia

ISIC Industry	Note	Output (thousand DALASIS)				Note	Value added in producers' prices (thousand DALASIS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)		
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993	
311-2 Food Products															
313 Beverages															
314 Tobacco															
321 Textiles															
322 Wearing apparel, except footwear															
323 Leather and fur products															
324 Footwear, except rubber or plastic															
331 Wood products, except furniture															
332 Furniture and fixtures, excl. metal															
341 Paper and products															
342 Printing and publishing															
351 Industrial chemicals															
352 Other chemicals															
353 Petroleum refineries															
354 Misc. petroleum and coal products															
355 Rubber products															
356 Plastic products															
361 Pottery, china, earthenware															
362 Glass and products															
369 Other non-metallic mineral products															
371 Iron and steel															
372 Non-ferrous metals															
381 Fabricated metal products															
382 Non-electrical machinery															
383 Electrical machinery															
384 Transport equipment															
385 Professional and scientific equipment															
390 Other manufacturing industries															
3 Total manufacturing						115664	142191	153719	168090					18.1	

GERMANY*

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. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Monthly inquiry

Major deviations from current version of ISIC:

The data have been converted from the national classification (Systematik für die Statistik im Produzierenden Gewerbe - SYPRO) to ISIC, in so far as details permit. However, it should be noted that: prefabricated building materials, publishing (ISIC 342) and manufacture of natural stone products (ISIC 369) are not covered, manufacture of mattresses (ISIC 332) is included in ISIC 321, manufacture of umbrellas (ISIC 390) in ISIC 322; manufacture of fur wearing apparel (ISIC 322) in ISIC 323, bookbinding (ISIC 342) in ISIC 341; manufacture of mixed lubricating oils and greases (ISIC 353, 354) in ISIC 351 and 352 combined; manufacture of unprocessed plastic pipes and tubes (ISIC 351) in ISIC 356; surface refinement and hardening plants (ISIC 381) in ISIC 371; manufacture of drawn steel wire and forged steel chains (ISIC 371), washing machines (ISIC 382) and assembly and repair of ventilation, heating and sanitary systems (ISIC major division 5) in ISIC 381; manufacture of lighting glassware (ISIC 362), recording of master tapes and records (ISIC major division 9) and manufacture of electric and electronic measuring instruments and meters (ISIC 385) in ISIC 383. Quarrying is included in ISIC 369, erection of structural steel is included in ISIC 381 and the difference in respect of assembly and repair of ventilation, heating and sanitary systems has been adjusted.

Reference period (if not calendar year):

Scope:

Local units belonging to enterprises with 20 or more persons engaged including production handicrafts and the industrial units of non-industrial establishments.

Method of enumeration:

Complete enumeration

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Number of persons engaged refers to annual averages of all persons engaged at month's end. 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.

Wages and salaries paid to employees 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.

Output 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.

Value added uses the census concept. It is 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. The cost of non-industrial services is excluded while receipts therefrom are included. Input estimates are on a received basis and adjustments have been made for changes in stocks of materials, fuels and other supplies. Valuation is in producers' prices including all direct taxes (excluding turnover tax) and excluding all subsidies. Data for 1993 refers to Germany, western part.

Gross fixed capital formation is defined as the value of purchases of new and used fixed assets including own-account construction of assets and work in progress. Valuation is at full cost incurred including fees and taxes. Advance payments for investment goods not yet supplied are excluded.

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.

* Data prior to 1993 refer to Germany, western part (Federal Republic of Germany before the unification of Germany, including West Berlin).

Germany

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million MARKS)			
		1990a/	1991a/	1992a/	1993		1990a/	1991a/	1992a/	1993		1990a/	1991a/	1992a/	1993
311/2 Food Products		3648	3633	3632	2823	376.3	403.1	401.5	448.8		14652.6	16564.0	17455.3	19403.6	
3111 Slaughtering, preparing & preserving meat		905	899	884	1099	77.2	82.4	81.5	102.6		2780.1	3131.8	3275.4	3953.0	
3112 Dairy products		333	323	313	353	40.2	42.9	44.3	45.9		1848.7	2060.6	2260.2	2373.7	
3113 Canning, preserving of fruits & vegetables		207	209	212	259	20.8	22.9	23.0	24.0		847.5	975.9	1060.4	1088.3	
3114 Canning, preserving and processing of fish		95	93	96	118	11.3	12.0	11.6	12.6		394.1	429.0	448.5	491.1	
3115 Vegetable and animal oils and fats		32	30	29	37	7.5	8.1	8.2	8.6		433.1	483.6	516.1	545.7	
3116 Grain mill products		58	58	60	86	3.9	4.2	4.2	4.8		196.7	223.3	233.3	261.1	
3117 Bakery products		1277	1277	1304	1464	101.3	108.0	108.6	124.5		2996.1	3392.7	3595.6	4144.9	
3118 Sugar factories and refineries		45	45	44	54	8.7	8.7	8.6	10.2		475.5	496.2	522.9	601.1	
3119 Cocoa, chocolate and sugar confectionery		162	166	166	178	39.8	44.3	42.6	42.1		1619.3	1793.5	1830.9	1875.4	
3121 Other food products		258	292	288	334	61.6	65.0	65.0	57.3		2413.9	2767.3	2670.2	3099.0	
3122 Prepared animal feeds		245	242	237	302	13.7	14.1	13.8	16.3		747.6	409.1	652.9	965.9	
313 Beverages		877	861	851	970	86.5	90.0	89.2	96.8		1414.5	4826.4	5086.4	5465.0	
3131 Distilling, rectifying and blending spirits		125	124	122	143	7.3	7.5	7.3	6.6		332.6	374.5	396.3	445.0	
3132 Wine industries		36	39	38	45	3.3	3.5	3.5	3.7		147.5	161.7	169.3	160.3	
3133 Malt liquors and malt		484	472	467	534	63.1	54.6	54.2	58.7		2846.2	3057.0	3225.1	3454.8	
3134 Soft drinks and carbonated waters		232	225	224	248	22.9	24.5	24.2	25.8		1088.3	1233.0	1295.7	1375.0	
314 Tobacco		50	48	46	47	15.5	16.3	15.6	15.9		877.7	982.4	976.4	1073.7	
321 Textiles		1789	1733	1671	1827	228.8	223.9	209.6	209.3		8815.5	9102.0	8512.1	8861.6	
3211 Spinning, weaving and finishing textiles		64	617	593	635	117.9	112.6	102.6	98.0		4797.2	4852.8	4601.2	4346.8	
3212 Made-up textile goods excl. wearing apparel		286	292	291	326	19.3	20.2	19.7	21.4		620.0	693.7	694.8	778.0	
3213 Knitting mills		537	498	461	477	49.0	48.0	45.2	46.3		1657.4	1721.3	1701.0	1747.0	
3214 Carpets and rugs	b/	316	317	316	373	42.0	42.7	41.7	43.0	b/	1721.6	1845.1	1896.0	1970.2	
3215 Cordage, rope and twine		9	9	10	13	0.5	0.6	0.6	0.6		17.3	19.0	19.1	19.8	
3219 Other textiles	b/									b/					
322 Wearing apparel, except footwear		1755	1688	1546	1463	143.2	139.4	126.0	116.6		4323.2	4500.0	4311.5	4098.4	
323 Leather and fur products		316	300	287	309	20.9	20.3	19.2	19.1		683.8	697.8	696.7	659.4	
3231 Tanneries and leather finishing		46	45	40	47	4.9	4.7	4.4	4.4		190.6	196.8	196.0	185.7	
3232 Fur dressing and dyeing industries		32	21	18	15	1.5	1.2	1.1	1.0		53.6	49.1	46.8	39.1	
3233 Leather prod. excl. wearing apparel		238	233	229	247	14.5	14.3	13.7	13.7		439.6	451.9	453.9	460.8	
324 Footwear, except rubber or plastic		233	217	206	246	27.9	29.3	26.3	26.0		1079.2	1109.4	1067.6	1051.4	
331 Wood products, except furniture		2721	2771	2795	2173	103.9	108.0	109.5	111.8		4250.8	4737.3	5095.1	5271.5	
3311 Sawmills, planing and other wood mills		2282	2328	2345	1664	73.3	78.7	78.1	79.8		3028.1	3390.7	3657.8	3841.8	
3312 Wooden and cane containers		135	141	144	163	6.1	6.3	6.2	6.0		251.7	269.2	282.6	285.1	
3319 Other wood and cork products		304	302	306	347	24.5	25.0	25.2	25.4		971.0	1077.5	1154.7	1144.7	
332 Furniture and fixtures, excl. metal		1334	1335	1337	1580	141.7	147.6	148.3	160.0		6305.4	6967.3	7380.2	7663.0	
341 Paper and products		1072	1089	1104	1219	167.3	170.7	167.8	167.0		7702.1	8479.7	8811.7	8791.6	
3411 Pulp, paper and paperboard articles		165	163	161	197	50.7	51.3	50.0	51.6		2736.6	2909.9	2990.9	3002.3	
3412 Containers of paper and paperboard	c/	908	926	943	1022	112.6	113.3	117.8	115.6	c/	4963.6	5569.9	5820.9	5789.6	
3419 Other pulp, paper and paperboard articles	c/									c/					
342 Printing and publishing		2126	2197	2272	2379	180.4	188.1	189.6	195.3		9403.4	10371.6	11006.8	11590.6	
351 Industrial chemicals		328	330	332	382	308.0	307.8	297.0	313.7		20634.4	21696.1	22062.6	22237.6	
3511 Basic chemicals excl. fertilizers															
3512 Fertilizers and pesticides															
3513 Synthetic resins and plastic materials															
352 Other chemicals		1280	1289	1309	1459	286.4	288.3	290.3	297.1		10882.5	17841.5	18844.2	19676.8	
3521 Paints, varnishes and lacquers	d/	825	833	839	975	137.9	136.6	136.2	136.6	d/	7877.7	8029.6	8649.0	8727.3	
3522 Drugs and medicines		312	308	316	353	91.4	96.1	98.9	106.7		5635.8	6105.1	6737.3	7393.9	
3523 Soap, cleaning prod., perfumes, cosmetics		143	147	154	172	57.1	56.7	55.2	53.8		3269.0	4406.9	3637.9	3556.6	
3529 Other chemical products	d/									d/					
353 Petroleum refineries	e/	81	82	81	92	23.0	23.3	22.6	29.3	e/	1768.6	1848.9	1883.3	2175.4	

354	Misc. petroleum and coal products	e/														
355	Rubber products		274	279	289	332		98.4	97.2	95.4	91.3		4864.7	6044.7	6263.0	5077.1
3551	Tyres and tubes															
3559	Other rubber products															
356	Plastic products		2366	2457	2545	2750		286.2	301.1	300.0	295.9		12501.0	13850.3	14675.7	14734.2
361	Pottery, china, earthenware		165	160	162	199		36.9	36.2	37.7	38.9		1356.1	1369.8	1510.8	1499.8
362	Glass and products		347	355	364	433		70.4	72.3	70.4	74.3		3292.1	3552.1	3655.6	3789.8
369	Other non-metallic mineral products		2361	2393	2428	2850		138.9	145.0	143.4	172.7		6853.4	7568.4	8010.0	9336.0
3691	Structural clay products		301	300	310	363		37.2	38.5	33.7	38.7		1737.7	1864.7	1764.4	2006.6
3692	Cement, lime and plaster		194	188	193	214		18.7	19.3	19.9	23.6		1034.1	1137.7	1242.5	1434.0
3699	Other non-metallic mineral products		1866	1905	1925	2273		83.1	87.2	89.8	110.4		4081.6	4565.9	5003.0	5895.3
371	Iron and steel		483	484	474	548		259.5	250.7	237.9	236.1		13178.1	13385.0	13338.6	12569.4
372	Non-ferrous metals		463	484	488	522		105.0	111.1	105.5	103.6		5355.8	6084.8	6125.7	5908.5
381	Fabricated metal products		6061	6271	6371	7119		660.3	683.8	681.4	705.8		30937.0	33949.7	35537.2	36098.8
3811	Cutlery, hand tools and general hardware		996	993	993	1049		134.7	137.8	135.5	131.1		5976.1	6508.2	6717.9	6541.1
3812	Furniture and fixtures primarily of metal		261	264	275	311		41.1	43.9	44.6	42.8		1856.4	2113.5	2245.9	2162.5
3813	Structural metal products		1620	1637	1679	2116		160.3	164.8	165.9	203.3		8286.3	9018.0	9573.3	10903.7
3819	Other fabricated metal products		3183	3378	3424	3643		324.2	337.3	335.4	328.8		14818.2	16310.0	17000.1	16491.6
382	Non-electrical machinery		6281	6454	6476	7223		1173.9	1174.2	1127.5	1134.4		63633.9	67087.7	68002.0	66948.4
3821	Engines and turbines	f/	2181	2245	2261	2534	f/	431.7	427.9	412.1	416.8	f/	22826.5	23853.9	24526.7	24427.4
3822	Agricultural machinery and equipment		201	201	207	292		40.8	39.1	38.8	44.9		1956.5	1975.4	2107.1	2301.4
3823	Metal and wood working machinery		1108	1119	1117	1190		158.3	158.5	148.5	143.2		8437.2	8861.2	8576.4	7835.7
3824	Other special industrial machinery		2503	2702	2709	3018		459.8	466.2	453.9	471.1		24878.2	26565.6	27365.8	27950.4
3825	Office, computing and accounting machinery		187	187	182	190		83.2	82.5	74.3	58.3		5523.5	5841.6	5656.1	4438.4
3829	Other non-electrical machinery & equipment	f/					f/					f/				
383	Electrical machinery		3854	3955	4002	4486		1032.3	1039.6	1010.8	1013.8		52724.0	55559.8	58739.1	59992.5
3831	Electrical industrial machinery		2018	2059	2082	2406		490.6	488.5	480.6	494.0		24945.4	26253.0	27533.3	28413.2
3832	Radio, television and communication equipment		1387	1442	1451	1576		415.7	422.5	402.3	395.1		21972.2	24058.6	24584.6	24850.7
3833	Electrical appliances and housewares		163	164	161	177		75.8	78.3	77.4	73.3		3459.5	3790.2	3990.9	3983.3
3839	Other electrical apparatus and supplies		286	290	298	332		50.5	50.4	50.5	51.4		2347.0	2467.9	2650.3	2745.3
384	Transport equipment		1103	1138	1153	1388		952.0	963.6	937.7	930.5		54385.1	58924.1	61485.0	58893.2
3841	Shipbuilding and repairing		98	95	123	123		33.5	33.3	32.6	44.3		1779.1	1675.1	1922.2	2262.0
3842	Railroad equipment		56	58	59	98		29.8	31.2	31.4	66.9		1301.9	1471.6	1565.4	2795.9
3843	Motor vehicles		795	828	846	995		797.1	806.2	783.8	731.8		45708.8	43603.0	51749.8	47736.3
3844	Motorcycles and bicycles		53	53	51	62		10.4	10.7	9.8	10.9		453.9	481.8	468.3	503.7
3845	Aircraft		75	76	77	78		77.8	78.1	76.3	72.6		4994.2	5315.1	5608.2	5520.9
3849	Other transport equipment		26	27	25	32		3.5	4.0	3.8	4.0		147.2	177.6	170.1	174.4
385	Professional and scientific equipment		1363	1309	1321	1421		144.2	145.4	143.1	145.4		6734.6	7158.5	7447.2	7486.8
3851	Prof. and scientific equipment n.e.c.		963	916	936	1028		82.1	84.9	86.6	85.0		3760.2	4126.6	4451.6	4368.0
3852	Photographic and optical goods		319	309	308	321		53.6	52.6	49.5	53.9		2617.7	2689.9	2675.6	2825.8
3853	Watches and clocks		82	85	77	72		8.5	8.0	6.9	6.5		356.8	344.0	320.0	293.0
390	Other manufacturing industries		605	617	609	679		53.6	54.5	52.4	53.9		2034.0	2175.8	2197.4	2261.8
3901	Jewellery and related articles		159	167	161	168		11.1	11.2	10.8			432.9	458.8	462.5	
3902	Musical instruments		81	85	82	91		6.6	6.7	6.2	6.2		277.9	294.8	283.9	271.3
3903	Sporting and athletic goods		48	49	51	59		4.2	4.2	4.1	5.4		156.9	164.7	176.8	243.8
3909	Manufacturing industries, n.e.c.		317	316	315	361		31.6	32.4	31.4			1186.3	1267.5	1274.1	
3	Total manufacturing		43334	43927	44150	48379	g/	7120.0	7230.8	7066.0	7203.9	g/	359333.4	386134.8	399696.3	402886.3

a. Data refer to Germany, western part (Federal Republic of Germany before the unification of Germany, including West Berlin)

b/ 3214 includes 3219

c/ 3412 includes 3419

d/ 3521 includes 3529

e/ 353 includes 354

f/ 3821 includes 3829

g. Total manufacturing includes activities that are not adequately defined and therefore not classified at the industry level

Germany

ISIC Industry	Output* in producers' prices (million MARKS)				Note	Value added in producers' prices a/ (million MARKS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
	1980a.	1991a.	1992a.	1993		1990	1991	1992	1993	1990	1993	1990	1993
311 Food products	147021	158894	161936	172819		46192	52393	54736	57114	31.4	33.0	31.7	34.0
3112 Slaughtering, preparing & preserving meat	28257	30566	30996	33962		7226	7881	7882	8882	26.6	25.6	38.6	45.6
31122 Dairy products	30663	32240	35277	36643		5309	5928	6194	6314	17.3	17.2	34.8	37.6
31123 Canning, preserving of fruits & vegetables	19166	10582	10654	10764		2676	3099	3211	3211	29.2	28.6	31.7	33.9
3113 Canning, preserving and processing of fish	3699	4306	4000	3519		1326	1421	1468	1468	36.9	41.4	29.7	33.7
3115 Vegetable and animal oils and fats	6121	6523	6712	7132		1512	1666	2088	2131	24.7	29.9	28.7	25.6
3116 Grain mill products	2858	3014	3014	3283		609	694	628	629	21.3	19.2	32.3	41.6
3117 Bakery products	12791	14288	14533	16386		7187	8265	8936	9464	56.2	57.7	41.7	43.8
3118 Sugar factories and refineries	4999	5577	6984	6984		2201	2201	2248	2248	44.0	32.2	22.7	26.7
3119 Cocoa, chocolate and sugar confectionery	13419	15602	16118	16406		6376	7416	7372	7833	47.5	47.7	23.8	23.9
3121 Other food products	26191	26584	24566	26584		9725	11399	12244	12396	37.1	46.8	24.8	26.0
3122 Prepared animal feeds	9858	9610	9920	11273		2148	2371	2707	2396	24.3	24.6	34.8	35.2
313 Beverages	35712	38742	39526	42962		19245	21022	21913	22177	53.9	51.6	22.9	24.6
3131 Distilling, rectifying and blending spirits	6533	7306	7157	8337		2476	2883	2992	3301	37.9	39.6	13.4	13.6
3132 Wine industries	2442	2616	2764	2731		1382	1472	1648	1604	56.6	56.8	10.7	11.2
3133 Malt liquors and malt	17738	18805	19594	20949		11085	11839	12566	12406	62.6	59.2	26.7	27.6
3134 Soft drinks and carbonated waters	8999	10015	10012	10945		4301	4828	4816	4866	47.8	44.4	26.3	26.3
314 Tobacco	23708	23358	26407	29340		20412	22056	21997	21599	86.1	73.6	4.3	5.0
321 Textiles	44575	45078	43166	40454		19144	19688	19309	17831	42.9	44.1	46.0	49.7
3211 Spinning, weaving and finishing textiles	23960	22957	21702	19072		9823	9497	9305	8066	41.0	42.3	48.8	53.9
3212 Made-up textile goods excl. wearing apparel	3241	3373	3373	3633		1340	1474	1487	1608	41.4	44.2	46.3	48.6
3213 Knitting mills	8256	9134	8542	8309		3704	4134	3834	3601	44.9	43.3	44.8	48.6
3214 Carpets and rugs	9052	9502	9469	9364	b/	4240	4651	4642	4621	46.8	48.3	40.6	43.6
3215 Cordage, rope and twine	77	75	79	75	b/	37	32	42	38	48.0	50.8	47.0	51.9
3219 Other textiles													
322 Wearing apparel, except footwear	23335	24785	23513	22871		9511	9809	9568	8971	40.8	39.2	45.6	45.7
323 Leather and fur products	3732	3840	3468	3228		1676	1679	1448	1365	40.9	42.3	44.8	50.5
3231 Tanneries and leather finishing	1403	1250	1171	1044		469	488	376	357	29.1	24.2	48.6	53.1
3232 Fur dressing and shering industries	2002	199	206	136		83	71	97	84	4.1	4.0	64.7	61.0
3233 Leather goods excl. wearing apparel	2128	2191	2088	2048		1034	1050	976	943	48.6	46.1	42.6	48.8
324 Footwear, except rubber or plastic	5861	6044	5688	5951		1862	1964	2021	1988	31.8	33.4	58.0	62.9
331 Wood products, except furniture	22170	23810	23810	23810		9983	11167	11953	13220	45.0	42.8	42.6	42.8
3311 Sawmills, planing and other wood mills	16762	1789	1298	1706		7269	8209	8861	9447	43.4	40.7	41.7	40.7
3312 Wooden and cane containers	1318	1358	1464	1464		544	610	631	564	41.3	46.8	46.3	50.5
3319 Other wood and cork products	4091	4365	4684	4539		2171	2338	2481	2309	53.1	50.9	44.7	49.6
332 Furniture and fixtures excl. metal	26566	30239	31535	33484		12740	14496	15930	16166	48.0	48.3	49.5	48.7
331 Paper and products	16762	1789	1298	1706		21796	24577	24402	22731	51.9	51.9	35.3	38.7
3411 Pulp, paper and paperboard articles	1318	1358	1464	1464	c/	9046	9241	8237	7089	43.1	43.1	30.3	42.3
3419 Other pulp, paper and paperboard articles	4091	4365	4684	4539	c/	12749	15336	16166	16642	48.0	57.2	38.9	37.0
342 Printing and publishing	34470	36530	36833	36970		16570	18228	19049	18694	49.5	50.3	56.8	62.4
351 Industrial chemicals													
3511 Basic chemicals excl. fertilizers						57418	54572	53115	48414				
3512 Fertilizers and pesticides						52300/c/	52489d/						
3513 Synthetic resins and plastic materials						2188	2083						
352 Other chemicals	88540	93818	49006	98806		45145	51371	53505	54431	51.0	55.1	36.7	36.1
3521 Paints, varnishes and lacquers	43326	44476	45807	45082	e/	18023	21032	22662	22172	41.6	49.2	42.6	39.4
3522 Drugs and medicines	17650	29657	31718	32296		17659	20852	20852	20607	63.7	63.8	32.1	35.9
3523 Soap, cleaning preps., perfumes, cosmetics	17650	19685	20481	21427	e/	9563	10599	10390	11653	54.2	54.4	34.2	30.5
3529 Other chemical products													
353 Petroleum refineries	91356	105903	103016	105189	f/	31761	37457	42087	40812	34.8	38.8	6.6	6.3

Germany

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production a/								
		(million MARKS)					(1980=100)								
		1990a/	1991a/	1992a/	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		5036	6354	7898	7898		107	110	111	115	120	132	141	140	140
313 Beverages		3082	3676	3830	3812		100	102	101	104	105	119	128	128	122
314 Tobacco		341	521	432			102	103	98	98	98	110	124	120	114
321 Textiles		2271	2167	1796		b/	94	95	94	92	93	95	94	87	77
322 Wearing apparel, except footwear		399	385	370	309	b/	81	81	77	73	70	69	68	60	63
323 Leather and fur products		81	89	83			76	76	76	72	67	68	65	57	49
324 Footwear, except rubber or plastic		110	120	109	128		84	77	72	68	62	58	55	48	42
331 Wood products, except furniture			1400	1573			81	83	83	90	98	105	111	112	109
332 Furniture and fixtures, excl metal		915		1174			75	76	77	79	83	88	96	94	91
341 Paper and products		3757	4014	3691	3384		111	114	119	126	132	142	146	144	142
342 Printing and publishing		2226	2360	2215	2541		100	102	105	108	114	123	131	129	124
351 Industrial chemicals							110	109	112	115	118	118	114	115	113
352 Other chemicals		3987	4270	5184	4804		108	109	111	117	123	129	139	142	139
353 Petroleum refineries	c/	1372	2276	2213	1907	c/	78	77	73	78	76	79	80	87	91
354 Misc petroleum and coal products	c/					c/									
355 Rubber products		1085	1091	980	1001	d/	111	112	115	122	124	112	102	98	92
356 Plastic products		3843	3933	3768	3431		117	123	128	138	149	166	178	179	170
361 Pottery, china, earthenware		198	213	189	227		89	89	87	87	90	92	89	77	70
362 Glass and products		1286	1295	1081	1160		100	105	105	112	119	124	129	132	125
369 Other non-metallic mineral products		2619	3066	3360	4912	e/d/	78	79	77	81	87	90	96	99	97
371 Iron and steel		3165	3747	3654	3080		95	89	85	95	98	93	92	85	78
372 Non-ferrous metals		1624	1690	1858	1850		112	119	122	128	131	137	134	133	118
381 Fabricated metal products				6519	6059		94	97	97	102	110	118	124	123	110
382 Non-electrical machinery		12489	12865	10841	8134		106	112	109	113	123	130	129	117	104
383 Electrical machinery		11960	11507	11342			119	125	125	132	143	151	158	155	145
384 Transport equipment				14906	12703		120	124	128	128	137	145	148	149	123
385 Professional and scientific equipment		1224	1314	1182			103	110	106	114	113	119	124	123	110
390 Other manufacturing industries		400	467	401	386		94	96	99	104	112	116	120	116	110
3 Total manufacturing	f/	94585	101549	99312	90360	e/	104	107	107	112	118	124	127	124	116

a/ Data refer to Germany, western part (Federal Republic of Germany before the unification of Germany, including West Berlin).

b/ 322 includes made-up textile goods except wearing apparel

c/ 353 includes 354

d/ 355 includes asbestos products

e/ 369 includes stone quarrying, clay and sand pits.

f/ Total manufacturing includes activities that are not adequately defined and therefore not classified at the industry level.

GHANA

Supplier of information:

Ministry of Trade and Industry, Accra.

Basic source of data:

Survey of medium and large scale manufacturing enterprises.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Establishments with 20 or more employees.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Wages and salaries is compensation of employees.

Related national publications:

Ghana

ISIC Industry	Number of establishments (numbers)				Number of persons engaged (numbers)				Wages and salaries paid to employees (million Cedis)						
	Note	1990	1991	1992	1993	Note	1990	1991	1992	1993	Note	1990	1991	1992	1993
311 Food products					43					7118					6966.1
3111 Slaughtering, preparing & preserving meat					2					495					
3112 Dairy products					1					268					
3113 Canning, preserving of fruits & vegetables					5					426					
3114 Canning, preserving and processing of fish					4					783					
3115 Vegetable and animal oils and fats					9					1586					
3116 Grain mill products					4					1222					
3117 Bakery products					1					113					
3118 Sugar factories and refineries					6					852					
3119 Cocoa, chocolate and sugar confectionery					9					1626					
3121 Other food products					2					109					
322 Prepared animal feeds															
323 Beverages					27					3418					3589.7
3231 Distilling, rectifying and blending spirits					17					1071					
3232 Wine industries					4					1573					1242.4
3233 Malt liquors and malt					4					774					8756.6
3234 Soft drinks and carbonated waters					6										
314 Tobacco					3					1060					
321 Textiles					29					9489					
3211 Spinning, weaving and finishing textiles					26					8666					
3212 Made-up textile goods excl. wearing apparel					2					180					
3213 Knitting mills					-					-					
3214 Carpets and rugs					-					-					
3215 Cordage, rope and twine					1					484					
3219 Other textiles					1					847.7					
322 wearing apparel except footwear					9					900					
323 leather and fur products					4					149					
3231 Tanneries and leather finishing					-					-					
3232 Fur dressing and drying industries					4					149					
3233 leather goods excl. wearing apparel					1					106					
324 Footwear, except rubber or plastic					1					2187					
331 wood products, except furniture					81					20326					13790.7
3311 Sawmills, planing and other wood mills					71					25					
3312 wooden and cane containers					1					25					
3313 Other wood and cane products					9					1636					
332 Furniture and fixtures, excl. metal					29					2855					
341 Paper and products					13					1461					
3411 pulp, paper and paperboard articles					1					284					
3412 Containers of paper and paperboard					4					241					
3419 Other pulp, paper and paperboard articles					8					936					
352 Printing and Publishing					48					4391					
351 Industrial chemicals					7					612					
3511 Basic chemicals excl. fertilizers					1					91					
3512 Fertilizers and pesticides					3					125					
3513 Synthetic resins and plastic materials					3					296					
352 Other chemicals					42					4455					
3521 Paints, varnishes and lacquers					16					574					
3522 Drugs and medicines					18					1438					
3523 Soap, cleaning preps, perfumes, cosmetics					13					2221					
3529 Other chemical products					5					222					
353 Petroleum refineries					1					328					

354 Misc petroleum and coal products	1	71	b/
355 Rubber products	6	2741	1474 "
3551 Tyres and tubes	1	218	
3553 Other rubber products	5	2523	
356 Plastic products	31	2963	1666 8
361 Pottery, china, earthenware	4	185	2363 1c/
362 Glass and products	2	286	c/
369 Other non-metallic mineral products	24	2836	c/
3691 Structural clay products	4	154	
3692 Cement, lime and plaster	7	1368	
3699 Other non-metallic mineral products	13	1313	
371 Iron and steel	3	1362	894 9
372 Non-ferrous metals	5	2483	10462 0
381 Fabricated metal products	41	3653	2471 8
3811 Cutlery, hand tools and general hardware	7	1214	
3812 Furniture and fixtures primarily of metal	1	76	
3813 Structural metal products	8	743	
3819 Other fabricated metal products	25	1621	
382 Non-electrical machinery	11	646	343 0
3821 Engines and turbines	-	-	
3822 Agricultural machinery and equipment	3	167	
3823 Metal and wood working machinery	-	-	
3824 Other special industrial machinery	1	35	
3825 Office, computing and accounting machinery	1	26	
3829 Other non-electrical machinery & equipment	6	419	
383 Electrical machinery	18	1166	786 7
3831 Electrical industrial machinery	1	120	
3832 Radio, television and communication equipm	6	306	
3833 Electrical appliances and housewares	5	454	
3839 Other electrical apparatus and supplies	6	286	
384 Transport equipment	7	639	1771 6a/
3841 Shipbuilding and repairing	-	-	
3842 Railroad equipment	-	-	
3843 Motor vehicles	3	287	
3844 Motorcycles and bicycles	2	70	
3845 Aircraft	-	-	
3849 Other transport equipment	2	182	
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	10	1288	d/
3901 Jewellery and related articles	-	-	
3902 Musical instruments	-	-	
3903 Sporting and athletic goods	-	-	
3909 Manufacturing industries, n e c	10	1288	
3 Total manufacturing	500	78666	70473 8

a: 322 includes 323 and 324
c: 361 includes 362 and 369

b: 353 includes 354
d: 384 includes 390

Ghana

ISIC Industry	Note	Output in producers' prices (million CEDIS)				Note	Value added in producers' prices (million CEDIS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311 2 Food Products					94647 8					33169 1		36 0		21 0
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					63254 3					36167 0		57 2		10 2
3131 Distilling, rectifying and blending spirits														
3132 Wine industries														
3133 Malt liquors and malt														
3134 Soft drinks and carbonated waters														
314 Tobacco					80467 3					71474 7		88 8		1 7
321 Textiles					58035 4					18278 6		31 5		46 2
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					5381 9a/					2023 6a/		37 6		41 9
323 Leather and fur products					a/					a/				
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather prods excl wearing apparel														
324 Footwear, except rubber or plastic					a/					a/				
331 Wood products, except furniture					105969 8					60360 6		57 0		22 9
3311 Sawmills, planing and other wood mills														
3312 Wooden and cane containers														
3319 Other wood and cork products														
332 Furniture and fixtures, excl metal					6697 2					3225 2		48 2		47 0
341 Paper and products					16301 1					7237 6		44 4		18 1
3411 Pulp, paper and paperboard articles														
3412 Containers of paper and paperboard														
3419 Other pulp, paper and paperboard articles														
342 Printing and publishing					15695 4					6301 5		33 6		61 8
351 Industrial chemicals					15898 6					3356 4		21 1		19 5
3511 Basic chemicals excl fertilizers														
3512 Fertilizers and pesticides														
3513 Synthetic resins and plastic materials														
352 Other chemicals					92176 6					35046 1		38 0		17 2
3521 Paints, varnishes and lacquers														
3522 Drugs and medicines														
3523 Soap, cleaning preps, perfumes, cosmetics														
3529 Other chemical products														
353 Petroleum refineries					61918 5b/					32143 5b/		61 9		2 1

354 Misc petroleum and coal products	b/		b/		
355 Rubber products	3999.5		2236.8	55.9	66.0
3551 Tyres and tubes					
3559 Other rubber products					
356 Plastic products	28187.7		10177.1	38.1	16.3
361 Pottery, china, earthenware	57396.9c/		17612.2c/	30.6	13.6
362 Glass and products	c/		c/		
369 Other non-metallic mineral products	c/		c/		
3691 Structural clay products					
3692 Cement, lime and plaster					
3699 Other non-metallic mineral products					
371 Iron and steel	10497.9		2743.8	26.1	32.6
372 Non-ferrous metals	110949.4		32377.9	29.2	32.3
381 Fabricated metal products	33373.0		13806.9	40.5	18.3
3811 Cutlery, hand tools and general hardware					
3812 Furniture and fixtures primarily of metal					
3813 Structural metal products					
3819 Other fabricated metal products					
382 Non-electrical machinery	3381.8		978.2	26.8	35.2
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	14986.9		6026.3	40.2	13.0
3831 Electrical industrial machinery					
3832 Radio, television and communication equipm					
3833 Electrical appliances and housewares					
3839 Other electrical apparatus and supplies					
384 Transport equipment	11340.1d/		2626.2d/	22.3	70.2
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	d/		d/		
390 ^a Jewellery and related articles					
3902 Musical instruments					
3903 Sporting and athletic goods					
3909 Manufacturing industries, n e c					
3 Total manufacturing	890557.1		396853.3	44.6	17.8

a. 322 includes 323 and 324
c. 361 includes 362 and 369

b/ 353 includes 354
d/ 384 includes 390

Ghana

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million Cedis)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products						60	58	72	77	69	82			
313 Beverages						99	126	140	147	146	140			
314 Tobacco						91	86	82	87	76	86			
321 Textiles						52	62	71	78	65	102			
322 Wearing apparel, except footwear														
323 Leather and fur products					a/	4	4	2	2	2	1			
324 Footwear, except rubber or plastic					a/									
331 Wood products, except furniture						145	153	153	189	154	143			
332 Furniture and fixtures, excl. metal														
341 Paper and products						26	43	54	63	95	106			
342 Printing and publishing						93	97	78	88	62	71			
351 Industrial chemicals					b/	92	110	150	194	179	168			
352 Other chemicals					b/									
353 Petroleum refineries						92	87	71	77	99	30			
354 Misc. petroleum and coal products														
355 Rubber products					b/									
356 Plastic products														
361 Pottery, china, earthenware					c/	122	91	95	141	192	225			
362 Glass and products					c/									
369 Other non-metallic mineral products					c/									
371 Iron and steel						63	53	58	25	16	7			
372 Non-ferrous metals						25	65	81	87	90	93			
381 Fabricated metal products						105	167	157	140	145	167			
382 Non-electrical machinery														
383 Electrical machinery						109	195	121	180	53	98			
384 Transport equipment														
385 Professional and scientific equipment														
390 Other manufacturing industries														
3 Total manufacturing														

a/ 323 includes 324
c/ 361 includes 362 and 369

b/ 351 includes 352 and 355

GREECE

Supplier of information:

National Statistical Service of Greece, Athens

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual industrial survey

Major deviations from current version of ISIC:

None reported

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

Manufacturing establishments with 10 or more persons engaged, excluding government establishments

Method of enumeration:

Complete enumeration of establishments with 20 or more persons engaged and a stratified random sample of establishments with 10 to 19 persons

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Number of persons engaged relates to national averages based on enumerations in every other month in the reference year. Unpaid family workers are included if they work three hours a day or more.

Wages and salaries paid to employees covers wages, salaries, payments for overtime work and regular leave, bonuses, allowances, dismissal compensation and the value of receipts in kind.

Output comprises the value of finished goods produced, receipts from contract work done for others, receipts from repair work, receipts from the sale of goods sold in the same condition as purchased, sales of self-produced steam, electric energy, processing waste, and subsidies and reimbursements for re-export of products. Value is at ex-factory selling price, excluding indirect taxes.

Value added is the value of the output less the cost of materials and supplies, purchased fuels and electricity consumed, the purchase value of goods sold in the same condition as purchased, and payments for contract and repair work.

Gross fixed capital formation represents current expenditure on new and used fixed assets less sales and write-offs due to obsolescence. Own-account construction of fixed assets is included.

Related national publications:

Annual Industrial Survey; Statistical Yearbook, Monthly Statistical Bulletin, all published by the National Statistical Service of Greece, Athens.

Greece

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of persons engaged (numbers)				Note	Wages and salaries paid to employees (million DRACHMAS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		1138	1145	1140	1146		50933	49618	47861	48925		70081	83124	96286	111762
3111 Slaughtering, preparing & preserving meat			122	124				4228	4336				647	7869	
3112 Dairy products			74	75				6301	6203				2347	15501	
3113 Canning, preserving of fruits & vegetables			314a/	310a/				14612a/	12791a/				19634a/	20640a/	
3114 Canning, preserving and processing of fish			a/	a/				a/	a/				a/	a/	
3115 Vegetable and animal oils and fats			73	73				2828	2710				6187	7234	
3116 Grain mill products			98	97				2601	2545				4920	5458	
3117 Bakery products			238	237				5636	5617				7559	9170	
3118 Sugar factories and refineries			6	6				2603	2717				5144	6473	
3119 Cocoa, chocolate and sugar confectionery			74	74				3170	3038				5684	6272	
3121 Other food products			146b/	144b/				7639b/	7904b/				14822b/	17669b/	
3122 Prepared animal feeds			b/	b/				b/	b/				b/	b/	
313 Beverages		188	189	187	186		10668	10321	10050	9690		18776	23130	26440	32912
3131 Distilling, rectifying and blending spirits			47	46				1633	1375				2878	3327	
3132 Wine industries			58	58				2667	2660				5416	6035	
3133 Malt liquors and malt			10	8				2292	2158				7400	8016	
3134 Soft drinks and carbonated waters			74	75				3731	3858				7437	9061	
314 Tobacco		83	81	67	64		8764	9301	9481	9667		12653	16993	19623	22470
321 Textiles		876	847	830	837		56230	50162	44879	41395		77878	83812	87877	89635
3211 Spinning, weaving and finishing textiles			441	430	430			31207	26601	23250			57066	57870	55454
3212 Made-up textile goods excl. wearing apparel			63	62				1890	1869				2536	2816	
3213 Knitting mills			299	294				15608	15066				21924	24661	
3214 Carpets and rugs			-	-				-	-				-	-	
3215 Cordage, rope and twine			-	-				-	-				-	-	
3219 Other textiles			44	44				1458	1349				2287	2540	
322 Wearing apparel, except footwear		1144	1180	1155	1168		38450	39713	37447	35811		37893	46215	50217	54168
323 Leather and fur products		290	284	287	288		4074	3379	3622	3138		3901	3642	4339	4566
3231 Tanneries and leather finishing			32	33				726	744				1119	1635	
3232 Fur dressing and dyeing industries			183	185				1605	1942				1200	1694	
3233 Leather products excl. wearing apparel			69	69				1047	938				1022	1010	
324 Footwear, except rubber or plastic		305	299	292	299		6747	6526	5823	6002		6961	7794	8060	9290
331 Wood products, except furniture		244	248	247	247		7118	7413	7054	6920		9417	11705	13592	15012
3311 Sawmills, planing and other wood mills			156	154				6062	5583				10397	11845	
3312 Wooden and cane containers			45	46				689	723				629	820	
3319 Other wood and cork products			47	47				662	748				679	928	
332 Furniture and fixtures, excl. metal		419	414	410	415		5962	6331	6143	6219		5521	7129	8163	9506
341 Paper and products		149	149	146	150		9242	9141	8220	7889		16127	17569	19999	21764
3411 Pulp, paper and paperboard articles			38	35	33		4818	4468	3824	3039		8528	9304	10340	9685
3412 Containers of paper and paperboard	c/	111	113	111	117	c/	4424	4672	4398	4850	c/	6599	8265	9652	12079
3419 Other pulp, paper and paperboard articles	c/					c/					c/				
342 Printing and publishing		249	252	251	257		9606	10109	10110	10417		15446	19660	23393	28138
351 Industrial chemicals		61	58	58	57		6832	6399	5881	4941		17392	20866	22814	21266
3511 Basic chemicals excl. fertilizers			32	30	28		1490	1642	1122	1014		3702	4943	3732	3691
3512 Fertilizers and pesticides			14	15	14		4231	4053	3736	2832		11783	13949	15470	13186
3513 Synthetic resins and plastic materials			15	13	15		1111	705	1027	1096		1907	1973	3612	4379
352 Other chemicals		275	276	281	284		15747	16100	16275	15812		27166	34066	42374	47843
3521 Paints, varnishes and lacquers			48	49				1765	1731				3253	3996	
3522 Drugs and medicines			93	96	102		6213	6950	7067	7037		10680	14494	18134	21514
3523 Soap, cleaning preps., perfumes, cosmetics			80	82				5100	5184				11574	14606	
3529 Other chemical products			54	54				2296	2301				4747	5637	
353 Petroleum refineries		17	17	17	17		4320	4633	4111	4108		10271	13431	14867	17276

354 Misc petroleum and coal products	42	43	43	44	1114	1113	1030	992	2216	2712	3095	3489
355 Rubber products	43	45	44	40	2435	2384	1969	1624	5140	5733	5316	4493
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	284	289	290	299	9101	9654	9299	9660	12554	16243	18737	21883
361 Pottery, china, earthenware	68	69	66	66	3029	3090	2744	2639	4804	5910	6061	6486
362 Glass and products	37	36	36	36	2026	1894	1648	1330	3616	4084	3846	3029
369 Other non-metallic mineral products	523	533	537	544	18226	18722	18047	17606	31350	39438	46502	51355
3691 Structural clay products	...	116	116	...	...	3513	3597	...	...	5981	5638	...
3692 Cement, lime and plaster	...	234	240	...	...	10670	10266	...	...	26890	32596	...
3699 Other non-metallic mineral products	...	183	181	...	...	4538	4196	...	...	6787	7269	...
371 Iron and steel	63	64	63	64	5681	5667	5413	4760	13031	16697	17485	18096
372 Non-ferrous metals	43	44	44	46	5809	5703	5456	5470	16857	20269	22162	24870
381 Fabricated metal products	527	535	528	544	19081	20325	18097	18073	28836	36617	38099	42798
3811 Cutlery, hand tools and general hardware	...	70	70	...	...	1426	1291	...	...	1967	2141	...
3812 Furniture and fixtures primarily of metal	...	54	54	...	...	1619	1473	...	...	2406	2686	...
3813 Structural metal products	...	150	147	...	...	3510	3604	...	...	5321	6444	...
3819 Other fabricated metal products	...	261	257	...	...	13776	11831	...	...	26934	26828	...
382 Non-electrical machinery	408	404	400	397	9384	8769	7902	7265	13196	14232	15384	16580
3821 Engines and turbines	...	28	28	...	...	996	965	...	...	1716	2170	...
3822 Agricultural machinery and equipment	...	67	66	...	...	960	848	...	...	1300	1267	...
3823 Metal and wood working machinery	...	10	9	...	...	144	114	...	...	170	139	...
3824 Other special industrial machinery	...	53	53	...	...	1219	1046	...	...	2086	2046	...
3825 Office, computing and accounting machinery	6	6	7	7	89	87	115	114	101	148	263	273
3829 Other non-electrical machinery & equipment	...	240	237	...	...	5354	4828	...	...	8809	9609	...
383 Electrical machinery	303	297	291	289	13451	13995	13026	12651	21791	27143	31151	34118
3831 Electrical industrial machinery	...	41	41	...	...	2881	2767	...	...	6599	7727	...
3832 Radio, television and communication equipm	52	46	45	43	2654	2776	3194	2977	4223	5616	8162	8225
3833 Electrical appliances and housewares	...	-	-	...	...	-	-	...	...	-	-	...
3839 Other electrical apparatus and supplies	...	210	206	...	...	8341	7063	...	...	14928	15262	...
384 Transport equipment	214	215	210	212	22724	22492	22237	21796	46089	66691	68636	73340
3841 Shipbuilding and repairing	129	131	127	129	11655	11620	11533	11253	23875	30476	36478	39404
3842 Railroad equipment	...	12	12	...	...	2489	2412	...	...	5096	6664	...
3843 Motor vehicles	58	57	56	57	3021	2999	2762	2838	4743	5460	6200	7603
3844 Motorcycles and bicycles	...	17d/	17d/	...	...	5402d/	5548d/	...	...	16883d/	19314d/	...
3845 Aircraft	...	d/	d/	...	...	d/	d/	...	...	d/	d/	...
3846 Other transport equipment	...	d/	d/	...	...	d/	d/	...	...	d/	d/	...
385 Professional and scientific equipment	20	20	19	19	871	766	804	769	1192	1300	1506	1608
3851 Prof. and scientific equipment n.e.c.	...	10	10	...	...	633	682	...	...	1136	1343	...
3852 Photographic and optical goods	...	10	9	...	...	133	122	...	...	164	163	...
3853 Watches and clocks	...	-	-	...	...	-	-	...	...	-	-	...
390 Other manufacturing industries	132	132	126	126	3163	2574	2284	2191	3602	3274	3689	3887
3901 Jewellery and related articles	...	45	44	...	...	858	805	...	...	1088	1197	...
3902 Musical instruments	...	7	7	...	...	228	170	...	...	367	409	...
3903 Sporting and athletic goods	...	32	29	...	...	694	619	...	...	888	1022	...
3909 Manufacturing industries, n.e.c.	...	48	46	...	...	787	693	...	...	931	962	...
3 Total manufacturing	8145	8165	8066	8141	350788	346284	326903	317439	532804	638282	719603	790629

a/ 3113 includes 3114
c/ 3412 includes 3419

b/ 3121 includes 3122.
d/ 3844 includes 3845 and 3849

Greece

ISIC Industry	Note	Output in factor values (million DRACHMAS)				Note	Value added in factor values (million DRACHMAS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311 2 Food Products		769352	684390	1018262	1174680		174020	213904	273643	345604	22.6	29.4	40.3	22.3
3111 Slaughtering, preparing & preserving meat			62312	76015				16412	19592					
3112 Dairy products			136291	164401				34640	49626					
3113 Canning, preserving of fruits & vegetables			229495a/	250569a/				46826a/	52210a/					
3114 Canning, preserving and processing of fish			a/	a/				a/	a/					
3115 Vegetable and animal oils and fats			89035	106337				14644	21803					
3116 Grain mill products			54744	109335				16010	16089					
3117 Bakery products			44208	56944				7072	22982					
3118 Sugar factories and refineries			5021	42633				9325	8676					
3119 Cocoa, chocolate and sugar confectionery			53106	55669				18288	21666					
3121 Other food products			122099b/	161368b/				42977b/	61061b/					
3122 Prepared animal feeds			b/	b/				b/	b/					
313 Beverages		170526	200573	234540	287222		62549	75158	93754	120060	36.7	41.8	30.0	27.4
3131 Distilling, rectifying and blending spirits			24056	27501				8869	9330					
3132 Wine industries			4833	55501				17423	19521					
3133 Malt, liquors and malt			48061	57162				23175	29949					
3134 Soft drinks and carbonated waters			80637	94375				26692	34464					
314 Tobacco		122635	173521	214846	193843		31232	44383	48414	72312	25.5	37.3	40.5	31.1
321 Textiles		459168	502989	542972	531830		157820	175723	187805	206729	34.4	38.9	49.3	42.4
3211 Spinning, weaving and finishing textiles			345745	369928	324912			115184	118761	126461			30.6	44.7
3212 Made-up textile goods, excl. wearing apparel			19502	20854				5675	7110					
3213 Knitting mills			119686	137585				47830	54884					
3214 Carpets and rugs			-	-				-	-					
3216 Cordage, rope and twine			-	-				-	-					
3219 Other textiles			14050	14606				6134	7050					
322 Wearing apparel, except footwear		146534	150665	204776	238701		69381	87501	95372	107814	47.3	46.2	64.6	50.2
323 Leather and fur products		34321	32813	36551	40952		8566	10731	12612	14478	24.5	35.4	46.5	31.5
3231 Tanneries and leather finishing			14947	15218				4009	4888					
3232 Fur dressing and dyeing industries			11767	15158				4463	5428					
3233 Leather prods. excl. wearing apparel			6100	6174				2259	2296					
324 Footwear, except rubber or plastic		35514	42512	41702	52066		13716	15812	16228	16928	46.6	38.3	60.8	46.6
331 Wood products, except furniture		63789	79228	32883	101807		22582	27846	33638	37170	36.4	36.6	41.7	40.4
3311 Sawmills, planing and other wood mills			71899	82262				25027	29169					
3312 Wooden and cane containers			1321	5939				1442	2524					
3319 Other wood and cork products			3007	4682				1376	1946					
332 Furniture and fixtures, excl. metal		25883	33256	36941	43945		11031	14750	16739	19611	42.6	44.7	60.0	48.4
341 Paper and products		101853	114714	128288	145359		31766	43098	51120	60406	31.2	41.9	47.6	35.7
3411 Pulp, paper and paperboard articles			46616	55231	54482			20052	22458	23450			31.5	43.0
3412 Containers of paper and paperboard			55037	73057	90877			23046	28662	37456			30.9	41.2
3419 Other pulp, paper and paperboard articles			64231	73057	90877	c/	17019						38.8	32.2
342 Printing and publishing		72525	58413	96559	117174		36522	45845	49806	64157	60.6	54.8	42.3	43.9
351 Industrial chemicals		123971	134709	127770	116903		39528	45967	44543	44086	31.9	37.7	44.0	48.2
3511 Basic chemicals excl. fertilizers			38433	19622	23206			12943	8924	10616			32.3	45.3
3512 Fertilizers and pesticides			70943	68766	53865			21717	24407	23392			23.8	43.4
3513 Synthetic resins and plastic materials			24663	39382	39833			6526	6909	11212			26.3	26.6
352 Other chemicals		210807	254365	312212	367589		81136	99586	124656	143041	38.5	40.0	33.5	22.5
3521 Paints, varnishes and lacquers			28933	34413				10946	12993					
3522 Drugs and medicines			73711	100078	122641			35206	41876	47763			33.8	33.1
3523 Soap, cleaning prep., perfumes, cosmetics			39732	107992			24936							
3525 Other chemical products			35641	47167				43931	55393					
353 Petroleum refineries		399456	501291	545342	603749		17796	34346	84637	103250	11.7	18.8	21.3	16.7

354 Misc petroleum and coal products	15309	17702	22466	27260	5426	4305	6551	9227	35 4	33 8	40 6	37 6
355 Rubber products	3995	35432	37628	33852	12425	13268	14147	14632	37 7	43 2	41 4	30 7
3551 Tires and tubes												
3559 Other rubber products												
356 Plastic products	9759	118324	132252	150256	35014	43721	51131	62959	35 9	41 1	35 9	34 8
3561 Pottery, china, earthenware	16895	20036	19202	21772	10161	11500	11516	13022	60 1	59 8	47 9	49 8
3562 Glass and products	1791	17692	18201	17962	6872	7756	8035	7960	38 6	44 3	52 6	38 1
3563 Other nonmetallic mineral products	19389	24182	276221	302137	83423	101657	116169	121837	42 1	40 3	37 6	42 2
3564 Structural clay products		34754	37359			15905	17426					
3565 Cement, lime and plaster		17026	198524			69892	81037					
3569 Other nonmetallic mineral products		37023	39218			15860	17705					
357 Iron and steel	20487	194794	194724	185560	47354	44665	39601	38986	23 1	21 0	27 5	46 4
358 Nonferrous metals	169513	198999	204981	220032	54825	55003	51722	54577	32 3	24 8	30 7	45 6
3581 Fabricated metal products	17508	195237	211000	252176	60410	71166	76811	95701	33 8	38 0	47 7	44 7
3582 Cutlery and tools and general hardware		16830	12755			4962	4991					
3583 Agricultural machinery and equipment		4400	560			6360	815					
3584 Metal and wood working machinery		10028	11254			10390	12097					
3585 Other social and industrial machinery	606	692	1537	1496	256	340	333	832	40 3	55 6	39 5	32 8
3586 Die casting and die casting machinery		43454	43855			17673	18910					
3589 Other electrical machinery & equipment												
359 Non-electrical machinery	17224	191897	237512	272787	56944	69974	90664	102892	33 1	37 6	38 3	33 2
3591 Electrical machinery	23612	35669	68753	80920	17538	19348	23371	26676	37 3	41 1	33 7	24 7
3592 Radio, television and communication equipment												
3593 Electrical appliances and housewares												
3599 Other electrical apparatus and supplies												
360 Transport equipment	13733	150136	192574	199769	69625	74033	102125	100462	50 6	50 3	66 3	73 0
3601 Tractor, engine and equipment	53469	59044	80337	62211	32144	36403	48641	36649	60 1	62 1	74 3	
3602 Railroad equipment		9295	10745			7070	9274					
3603 Motor vehicles	46337	53147	64868	35938	10905	14125	16966	23931	23 5	27 8	43 5	31 4
3604 Motorcycles and cycles		228033	354773			208490	264330					
3605 Aircraft												
3609 Other transport equipment												
361 Agricultural and forest equipment	5124	5034	6640	7665	2322	2586	3127	3571	44 3	47 2	51 3	45 0
3611 Tractor, engine and equipment		4309	6112			234	261					
3612 Agricultural and forest equipment, n.e.c.		475	528									
362 Petroleum and oil products												
363 Petroleum and oil products												
364 Other petroleum products												
365 Textiles and apparel	13428	18520	21293	22584	6117	7478	8794	9820	43 9	43 5	44 4	39 6
3651 Textile mill and related articles		6629	6763			2776	2755					
3652 Textile mill and related articles		1534	1533			746	812					
3653 Textile mill and related articles		5602	5602			1959	1962					
3654 Textile mill and related articles		5037	5486			2046	2246					
366 Manufacturing industries, n.e.c.	476860	469973	507329	575283	126456	1473069	1743128	2032054	31 1	35 3	42 1	38 9

3. 3121 includes 3122
 3. 3544 includes 3845 and 3849

Greece

SIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million DRACHMAS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 Food Products		35571	38814	44428	57294		112	103	97	107	119	106	116	125	123
313 Beverages		12414	14738	15835	12770		124	139	124	136	143	143	143	149	154
314 Tobacco		3377	3963	6017	9771		120	111	95	101	93	113	115	109	108
321 Textiles		31295	29043	21331	29691		95	102	104	101	99	95	86	79	74
322 wearing apparel, except footwear		5498	7296	5133	7406		79	79	72	77	72	72	76	73	71
323 Leather and fur products		853	556	2679	501		71	72	85	79	71	60	66	57	54
324 Footwear, except rubber or plastic		765	600	754	1052		108	104	97	83	84	62	66	50	63
331 wood products, except furniture		2857	6858	8091	8260		62	60	63	64	73	73	76	72	66
332 Furniture and fixtures, excl metal		1134	2842	1992	2023		78	67	52	55	69	60	57	51	51
341 Paper and products		7249	3175	4947	7369		137	158	182	163	164	152	163	166	155
342 Printing and publishing		3989	6503	5942	5762		117	102	101	106	104	96	88	86	81
351 Industrial chemicals		4894	3302	3284	2875		117	103	104	110	111	110	104	85	84
352 Other chemicals		6554	6600	8652	10617		129	127	128	140	151	152	146	151	160
353 Petroleum refineries		15200	14866	10574	10386		97	117	120	122	127	132	114	132	116
354 Misc. petroleum and coal products		912	1353	1621	1486		61	62	64	88	88	79	83	90	96
355 Rubber products		1145	2459	2375	1109		102	99	98	112	123	122	101	90	86
356 Plastic products		6477	9367	9664	6838		123	110	103	140	162	147	142	127	136
361 Pottery, china, earthenware		1642	941	2793	604		67	80	76	67	66	67	45	46	45
362 Glass and products		683	783	1680	1531		80	101	98	89	85	89	84	69	74
369 Other non-metallic mineral products		12363	18287	20180	18508	a/	98	99	100	109	105	109	98	97	96
371 Iron and steel		5395	4541	9144	9683		91	89	89	97	100	92	91	82	74
372 Non-ferrous metals		7480	10196	13192	14591		86	83	81	93	92	94	99	100	96
381 Fabricated metal products		10675	14493	15026	19672		93	99	83	93	84	76	72	80	75
382 Non-electrical machinery		2582	2430	2764	2015		91	82	73	74	92	94	84	83	74
383 Electrical machinery		10151	11141	11000	15230		102	103	88	79	86	82	93	94	103
384 Transport equipment		27943	35162	30636	23289		62	70	72	80	77	88	92	93	73
385 Professional and scientific equipment		366	260	211	244		76	62	135	79	60	65	64	60	45
390 Other manufacturing industries		514	1067	583	959		162	131	126	114	124	126	172	72	44
3 Total manufacturing		220076	251936	260528	281636	a/	98	98	95	100	102	99	98	97	94

a/ Excluding magnesite roasting

GRENADA

Supplier of information:

Central Statistical Office, St. George's.

Basic source of data:

Administrative records, Grenada Industrial Development Corporation, Inland Revenue Department.

Major deviations from current version of ISIC:

None reported.

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

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Yes. Adjustments are made on the basis of wages and salaries data from social security records.

Concepts and definitions of variables:

Data follow System of National Accounts (SNA) conventions.

Related national publications:

Grenada

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of persons engaged (numbers)				Note	Wages and salaries paid to employees (thousand DOLLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
1512 Industry															
311 2 Food products				29	24				264	237					
3111 Slaughtering, preparing & preserving meat				1	1				10						
3112 Dairy products															
3113 Canning, preserving of fruits & vegetables				1	1				16						
3114 Canning, preserving and processing of fish															
3115 Vegetable and animal oils and fats															
3116 Grain mill products				2	2				42	42					
3117 Bakery products				12	9				155	147					
3118 Sugar factories and refineries															
3119 Cocoa, chocolate and sugar confectionery				9	5				32	41					
3121 Other food products				4	6				9	7					
3122 Prepared animal feeds															
32 Beverages				6	5				424	454					
3231 Distilling, rectifying and blending spirits				4	3				196	219					
3232 Wine industries															
3233 Malt liquors and malt				1	1				161	166					
3234 Soft drinks and carbonated waters				1	1				67	69					
334 Tobacco				1	1				19	19					
34 Textiles				1	1				2	2					
3421 Spinning, weaving and finishing textiles															
3422 Made up textile goods excl. wearing apparel															
3423 Knitting mills															
3424 Carpets and rugs															
3425 Cordage, rope and twine															
3429 Other textiles				1	1				2	2					
352 Wearing apparel, except footwear				13	16				191	187					
353 Leather and fur products				3	2				39	39					
3531 Tanneries and leather finishing															
3532 Fur dressing and dyeing industries															
3533 Leather goods, excl. wearing apparel				3	2				39	39					
354 Footwear, except rubber or plastic															
33 Wood products, except furniture				4	4				22	25					
3311 Sawmills, planing and other wood mills															
3312 Wooden and cane containers															
3319 Other wood and cork products				4	4				22	25					
332 Furniture and fixtures, excl. metal															
341 Paper and products				1	1				30	30					
3411 Pulp, paper and paperboard articles				1	1				30	30					
3412 Containers of paper and paperboard															
3419 Other pulp, paper and paperboard articles															
342 Printing and publishing				3	1				37	100					
351 Industrial chemicals				1	1				5	5					
3511 Basic chemicals excl. fertilizers															
3512 Fertilizers and pesticides															
3513 Synthetic resins and plastic materials				1	1				5	5					
352 Other chemicals				5	4				118	120					
3521 Paints, varnishes and lacquers				1	1				26	29					
3522 Drugs and medicines				2	1				83	81					
3523 Soap, cleaning preps., perfumes, cosmetics				2	2				9	10					
3529 Other chemical products															
353 Petroleum refineries															

354 Misc petroleum and coal products					
355 Rubber products	1	1		5	
3551 Tyres and tubes	1	1		5	
3559 Other rubber products					
356 Plastic products					
361 Pottery, china, earthenware					
362 Glass and products					
369 Other non-metallic mineral products	12	7		79	58
3691 Structural clay products	1	1		4	
3692 Cement, lime and plaster					
3699 Other non-metallic mineral products	11	6		75	58
371 Iron and steel					
372 Non-ferrous metals					
381 Fabricated metal products	13	9		137	93
3811 Cutlery, hand tools and general hardware					45
3812 Furniture and fixtures primarily of metal	7	6		109	38
3813 Structural metal products	5	3		28	10
3819 Other fabricated metal products	1				
382 Non-electrical machinery	1	1		4	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	1	1		4	4
383 Electrical machinery	2	2		89	27
3831 Electrical industrial machinery					
3832 Radio, television and communication equipm					
3833 Electrical appliances and housewares					
3839 Other electrical apparatus and supplies	2	2		89	27
384 Transport equipment	1	1		10	13
3841 Shipbuilding and repairing					
3842 Railroad equipment					
3843 Motor vehicles					
3844 Motorcycles and bicycles					
3845 Aircraft					
3849 Other transport equipment					
385 Professional and scientific equipment					
3851 Prof. and scientific equipment n.e.c.					
3852 Photographic and optical goods					
3853 Watches and clocks					
390 Other manufacturing industries	1	1			
3901 Jewellery and related articles	1	1			
3902 Musical instruments					
3903 Sporting and athletic goods					
3909 Manufacturing industries, n.e.c.					
2 Total manufacturing	98	82		1470	1430

a Total relates only to industries for which data are available

Grenada

ISIC Industry	Note	Output in factor values (thousand DOLLARS)				Note	Value added in factor values (thousand DOLLARS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)		
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993	
311 Food Products															
313 Beverages															
314 Tobacco															
321 Textiles															
322 Wearing apparel, excl. footwear															
323 Leather and fur products															
324 Footwear, excl. rubber or plastic															
331 Wood products, excl. furniture															
332 Furniture and fixtures, excl. metal															
341 Paper and products															
342 Printing and publishing															
351 Industrial chemicals															
352 Other chemicals															
353 Petroleum refineries															
354 Misc. petroleum and coal products															
355 Rubber products															
356 Plastic products															
361 Pottery, china, earthenware															
362 Glass and products															
369 Other non-metallic mineral products															
371 Iron and steel															
372 Non-ferrous metals															
381 Fabricated metal products															
382 Non-electrical machinery															
383 Electrical machinery															
384 Transport equipment															
385 Professional and scientific equipment															
390 Other manufacturing industries															
3 Total manufacturing		45691	39654	46000	50000		31330	34130	38970	34120	68.3	68.2			

HONDURAS

Supplier of information:

Banco Central de Honduras, Tegucigalpa.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with the current version of the ISIC.

Reference period (if not calendar year):

Scope:

Registered establishments with 5 or more persons engaged.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Persons engaged includes homeworkers.

Output is gross output and includes gross revenues from goods shipped in the same condition as received.

Value added is total value added.

Gross fixed capital formation excludes outlays for land and land improvements.

Related national publications:

Investigación Industrial (annual), published by the Dirección General de Estadística y Censos, Tegucigalpa.

Handbags

	Number of establishments					Number of persons engaged					Wages and salaries paid to employees				
	NUMBERS					NUMBERS					THOUSAND EMPLOYEES				
	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1983	1989	1990	1991	1992
1. All establishments	18549	19189	7193	7077	7338	145377	201563	217448	281068	a	58116	78350	88883	106676	
2. Single-line establishments & processing unit						14019	18113	22150	26397		28653	34082	38427	46098	
3. Multiple-line establishments						15611	20691	25718	34671		29465	44276	48456	60528	
4. Leather goods, including leather and leather goods						7294	10480	14382	18335		13231	16165	19440	20091	
5. Handbags, briefcases, suitcases, vanity cases, etc.						10446	20742	33378	42294		57141	37492	45155	65051	
6. Trunks, suitcases, vanity cases, etc.						35482	42847	66921	82041		16001	21256	23261	33963	
7. Bags, suitcases, vanity cases, etc.						5907	13464	19355	26859		102	38	46	46	
8. Bags, suitcases, vanity cases, etc.						21152	34228	47199	66559		9012	15725	21145	31309	
9. Bags, suitcases, vanity cases, etc.						12668	17715	21548	26578		55	473	683	716	
10. Bags, suitcases, vanity cases, etc.						2628	5043	7875	10528		30528	61217	65172	71825	
11. Bags, suitcases, vanity cases, etc.						12021	14412	1876	26285		3199	4293	5976	6885	
12. Bags, suitcases, vanity cases, etc.						3749	5562	7019	9069		1873	2545	2911	445	
13. Bags, suitcases, vanity cases, etc.											1336	1748	3065	2540	
14. Leather goods, including leather and leather goods											2751	5362	8166	6047	
15. Handbags, briefcases, suitcases, vanity cases, etc.											50925	63540	85247	102433	
16. Trunks, suitcases, vanity cases, etc.											43443	54534	71508	87746	
17. Bags, suitcases, vanity cases, etc.											489	4003	437	5437	
18. Bags, suitcases, vanity cases, etc.											7023	5003	9848	9310	
19. Bags, suitcases, vanity cases, etc.											13312	14292	21379	26996	
20. Bags, suitcases, vanity cases, etc.											16594	19951	22979	34436	
21. Bags, suitcases, vanity cases, etc.											12443	14985	16922	24536	
22. Bags, suitcases, vanity cases, etc.											451	4806	6007	9800	
23. Bags, suitcases, vanity cases, etc.											21418	29975	33550	47209	
24. Bags, suitcases, vanity cases, etc.											2235	2566	4089	3919	
25. Bags, suitcases, vanity cases, etc.											1306	1241	2053	2316	
26. Bags, suitcases, vanity cases, etc.											579	1326	2016	1603	
27. Bags, suitcases, vanity cases, etc.											29814	36211	49444	4891	
28. Bags, suitcases, vanity cases, etc.											2618	2020	3262	2665	
29. Bags, suitcases, vanity cases, etc.											9009	11251	13934	8941	
30. Bags, suitcases, vanity cases, etc.											13377	17590	24607	21761	
31. Bags, suitcases, vanity cases, etc.											4810	5350	7616	10524	
32. Bags, suitcases, vanity cases, etc.											6119	8005	7435	7715	

Note: 1983-1987 figures are preliminary.

Note: 1988-1992 figures are preliminary.

Note: 1983-1987 figures are preliminary.

Note: 1988-1992 figures are preliminary.

Note: 1983-1987 figures are preliminary.

Note: 1988-1992 figures are preliminary.

Honduras

Output in producers' prices (thousand LEMPIRAS)					Value added in producers' prices (thousand LEMPIRAS)					Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)		
ISIC Industry	Note	1989	1990	1991	1992	Note	1989	1990	1991	1992	1989	1992	1989	1992
1010 Industry														
311 2 Food Products		1774271	2405016	3236372	3965425		379369	526075	690769	812047	21.4	20.5	38.3	35.2
3111 Slaughtering, preparing & preserving meat		258692	342315	520271	684708		36301	45795	77720	9537	14.0	14.4	38.6	37.0
3112 Dairy products		151793	180878	268192	308974		29041	39568	44751	50800	19.1	16.4	53.4	50.3
3113 Canning, preserving of fruits & vegetables		55073	84657	124389	169034		17546	19772	23834	31249	22.6	18.5	58.1	59.5
3114 Canning, preserving and processing of fish		95173	179328	295878	346642		10848	43212	69537	56193	17.7	16.2	62.0	75.3
3115 Vegetable and animal oils and fats		231581	285319	412192	466139		78222	93165	102102	106615	33.8	22.7	46.0	29.6
3116 Grain mill products		348427	508197	550923	674078		49736	79481	110303	153215	14.3	22.7	19.9	17.4
3117 Bakery products		165477	215286	266395	306887		40694	52930	60096	69232	24.6	22.6	62.0	65.4
3118 Sugar factories and refineries		179646	226545	274846	360403		64321	81866	113414	136256	35.8	37.8	19.7	16.8
3119 Cocoa, chocolate and sugar confectionery		27170	32761	33124	36640		5167	6192	7295	7619	19.0	20.8	50.9	42.0
3121 Other food products		143695	174811	246427	332157		28493	37626	46839	60077	19.8	18.1	42.2	43.8
3122 Prepared animal feeds		117594	174919	241735	279823		18000	26468	33868	43396	15.3	15.5	20.8	20.9
313 Beverages		464792	553574	807199	1042061		203804	242610	361139	496494	43.8	47.0	28.5	21.5
3131 Distilling, rectifying and blending spirits	a/	247541	285822	389035	499116	a/	107576	124618	186193	242309	43.5	48.6	26.6	19.0
3132 Wine industries														
3133 Malt liquors and malt	a/					a/								
3134 Soft drinks and carbonated waters		217251	267752	418164	542945		96228	117992	174946	254105	44.3	46.8	30.6	23.8
314 Tobacco		152715	226565	261812	305143		103528	140084	178509	190241	67.8	62.3	12.8	10.6
321 Textiles		146479	195543	228684	253301		51098	65723	71916	86009	34.9	34.0	53.1	75.6
3211 Spinning, weaving and finishing textiles		111149	139086	168967	186706		38057	44251	46656	55801	34.2	29.9	47.3	60.9
3212 Made-up textile goods excl. wearing apparel		1355	356	392	411		458	170	204	216	33.8	62.3	22.3	22.3
3213 Knitting mills		33809	52768	54663	61289		12670	19867	22984	27818	37.2	45.4	71.7	
3214 Carpets and rugs														
3215 Cordage, rope and twine		166	3333	4662	4895		13	1435	2072	2175	7.8	44.4		32.9
3219 Other textiles														
322 Wearing apparel, except footwear		101949	174322	383072	506714		53717	81073	198923	303096	52.7	59.8	68.6	91.9
323 Leather and fur products		25465	39024	54695	62926		6048	11039	14772	17871	23.8	28.4	62.9	37.4
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries		18202	29752	43028	50619		3554	7518	10396	12215	19.6	24.1	52.7	35.9
3233 Leather prod. excl. wearing apparel		7263	9272	11667	12307		2494	3521	4376	5656	34.3	45.0	63.2	44.6
324 Footwear, except rubber or plastic		16296	36549	48778	39286		5029	10015	12419	11426	30.9	29.1	57.7	52.9
331 Wood products, except furniture		281068	328712	433390	589408		74163	83198	122107	151037	26.4	25.6	68.7	67.9
3311 Sawmills, planing and other wood mills		235163	289846	379010	503747		62277	69083	102606	124704	26.5	24.8	69.8	70.4
3312 Wooden and cane containers		9165	14301	20579	21050		1672	5423	6627	7318	18.2	34.8	27.5	74.3
3319 Other wood and cork products		36740	24565	33801	64611		10214	8692	12974	19015	27.8	29.4	68.8	49.0
332 Furniture and fixtures, excl. metal		69379	91001	116978	120599		21964	31452	36902	39022	31.7	32.4	60.6	53.8
341 Paper and products		177577	245184	283406	338068		39079	47363	58904	72890	22.0	21.6	42.5	47.2
3411 Pulp, paper and paperboard articles														
3412 Containers of paper and paperboard		141001	193061	219734	259382		27693	35004	42712	60738	19.6	19.6	44.9	48.6
3419 Other pulp, paper and paperboard articles		36576	52123	63672	78686		11386	12359	16192	22152	31.1	28.2	36.5	44.2
342 Printing and publishing		83245	109147	142837	217239		32486	41953	51144	80988	39.0	37.3	65.9	58.3
351 Industrial chemicals		16167	25129	36362	32524		6812	9434	14214	12763	42.1	39.2	32.8	30.7
3511 Basic chemicals excl. fertilizers		7929	11104	17278	19949		4285	5359	8628	9568	54.0	47.9	30.5	24.2
3512 Fertilizers and pesticides		8238	14025	19084	12575		2527	4075	5586	3205	30.7	25.5	36.8	50.0
3513 Synthetic resins and plastic materials														
352 Other chemicals		287841	333054	498987	656644		68263	80632	105209	119465	23.7	18.2	43.7	36.7
3521 Paints, varnishes and lacquers		36365	37411	39500	69849		5484	6643	6932	10946	16.1	15.7	47.7	24.3
3522 Drugs and medicines		52982	83946	92955	127483		17893	24550	26797	30578	33.8	24.0	50.3	29.2
3523 Soap, cleaning preps., perfumes, cosmetics		157641	150020	289925	368089		32373	33107	48747	51404	20.6	14.0	47.3	42.3
3529 Other chemical products		40853	61677	76607	91223		12513	16332	22733	26537	30.6	29.1	38.4	39.7
353 Petroleum refineries		513845	819354	883206	742920		92270	160098	163037	136627	18.0	18.4	6.6	5.6

354 Misc petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	99676	125943	146717	150535	26293	28663	33025	33776	26.4	22.4	50.9	64.5	
3551 Tyres and tubes	17219	24225	27989	27328	4664	6786	6599	6168	27.1	22.6	52.2	59.6	
3559 Other rubber products	82457	101718	118728	123207	21629	21877	26426	27618	28.2	22.4	50.6	65.5	
356 Plastic products	166704	227549	276121	338274	61019	64304	82269	81886	30.6	24.2	53.5	58.0	
361 Pottery, china, earthenware	4308	5093	5922	7651	1857	2174	2547	3046	43.1	39.8	37.6	44.3	
362 Glass and products	-	-	-	-	-	-	-	-	-	-	-	-	
369 Other non-metallic mineral products	235810	289261	371531	374577	83156	106860	118193	140797	35.3	37.6	40.1	49.6	
3691 Structural clay products	5456	6364	7838	8325	1516	2016	2913	2529	27.8	30.4	75.9	61.6	
3692 Cement, lime and plaster	113712	128210	164816	147426	47429	46649	50210	52281	41.7	35.6	27.5	39.1	
3699 Other non-metallic mineral products	116642	154687	198877	218826	34211	58196	66070	85987	29.3	39.3	56.0	55.6	
371 Iron and steel	33657	53137	52007	63237	10827	14798	14854	16732	32.2	26.6	28.1	31.8	
372 Non-ferrous metals	4911	7090	8798	9515	2311	3004	3716	4512	47.1	47.4	57.6	71.3	
381 Fabricated metal products	195470	280356	321126	396369	69424	86101	84449	91547	30.4	23.1	44.2	44.4	
3811 Cutlery, hand tools and general hardware	12153	17466	19709	20343	5455	6561	8086	8194	44.9	40.3	39.3	38.0	
3812 Furniture and fixtures primarily of metal	19799	26487	31240	45237	6858	8511	9381	9348	34.6	20.7	45.9	44.6	
3813 Structural metal products	51135	68280	68848	88575	15867	17108	19349	22376	31.0	25.3	64.1	54.7	
381J Other fabricated metal products	112383	168123	201329	242214	31244	53821	47633	61629	27.8	21.3	34.6	40.9	
382 Non-electrical machinery	25302	34788	35297	50407	10250	14623	17267	20628	40.5	40.9	42.8	68.3	
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-	
3822 Agricultural machinery and equipment	5270	9091	8573	10290	2350	3645	3314	4112	44.6	40.0	53.1	55.6	
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-	
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-	
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-	
3829 Other non-electrical machinery & equipment	20032	25697	26724	40117	7900	10978	13953	16516	39.4	41.2	39.8	71.4	
383 Electrical machinery	61375	89482	93944	118458	19688	27675	31695	27137	32.1	22.9	32.5	30.3	
3831 Electrical industrial machinery	486	677	680	947	248	142	143	212	51.0	22.4	47.2	35.4	
3832 Radio, television and communication equipm	15149	18835	19274	10708	6118	7768	7594	3095	40.4	28.9	29.1	38.1	
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-	
3839 Other electrical apparatus and supplies	45740	69970	73990	106803	13322	19785	23958	23830	29.1	22.3	33.9	29.2	
384 Transport equipment	13962	21095	20644	24443	6343	8208	7337	9178	45.4	37.6	56.7	89.0	
3841 Shipbuilding and repairing	2253	3006	3115	3315	1385	1694	1370	1538	51.5	46.4	78.7	-	
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3843 Motor vehicles	7164	9980	9853	13452	3479	4661	4486	6159	48.6	45.8	60.6	79.2	
3844 Motorcycles and bicycles	4546	8109	7676	7676	1479	1853	1481	1481	32.5	19.3	26.8	7.8	
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	
385 Professional and scientific equipment	5861	8673	9093	8279	2394	2756	3044	3128	40.8	37.8	62.7	61.1	
3851 Prof and scientific equipment n.e.c.	859	1180	1430	872	312	413	218	219	36.3	25.1	80.1	67.6	
3852 Photographic and optical goods	5002	7493	7663	7407	2082	2343	2826	2909	41.6	39.3	60.1	60.6	
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-	
390 Other manufacturing industries	57112	63013	71377	74977	20273	25890	31039	33195	35.5	44.3	55.3	59.6	
3901 Jewellery and related articles	3503	3279	3607	6794	1353	1185	1416	2724	38.6	40.1	83.7	33.1	
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-	
3903 Sporting and athletic goods	2596	2572	4887	1784	1377	1019	1677	1135	53.0	63.7	54.8	97.3	
3909 Manufacturing industries, n.e.c.	51013	57162	62878	66399	17543	23688	28046	29335	34.4	44.2	53.1	60.6	
3 Total manufacturing	5015238	6787654	8828350	10489040	1431465	1915806	2508189	2996537	28.5	28.6	39.1	42.4	

2/ 3131 includes 3133

Honduras

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(thousand LEMPIRAS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products			121	117	119	146	152	198	247	264	291
313 Beverages			135	153	146	147	132	154	211	303	358
314 Tobacco			153	158	160	150	184	261	322	356	359
321 Textiles		a/	152	149	153	158	181	236	332	396	460
322 Wearing apparel, except footwear		a/	...	...	...	...	...	...	...	...	...
323 Leather and fur products		b/	148	153	149	154	168	208	276	310	338
324 Footwear, except rubber or plastic		b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		c/	146	150	157	152	186	256	367	473	512
332 Furniture and fixtures, excl. metal		c/	...	...	...	...	...	...	...	...	...
34 Fiber and products			130	129	127	146	190	222	285	287	334
342 Printing and publishing			104	106	112	124	142	198	243	290	297
351 Industrial chemicals		d/	120	120	120	126	144	208	306	360	406
352 Other chemicals		d/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries			145	252	168	136	118	194	212	272	69
354 Misc. petroleum and coal products	
355 Rubber products			123	121	126	185	226	238	328	333	373
356 Plastic products	
361 Pottery, china, earthenware		e/	127	123	122	134	131	152	184	192	268
362 Glass and products		e/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	
371 Iron and steel			105	97	98	108	137	196	231	222	223
372 Non-ferrous metals	
381 Fabricated metal products		f/	82	89	90	108	160	222	236	249	313
382 Non-electrical machinery		f/	...	...	...	...	...	...	...	...	...
383 Electrical machinery		g/	166	167	185	210	232	312	380	447	628
384 Transport equipment		g/	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		g/	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries			109	108	120	153	160	229	277	281	290
3 Total manufacturing			131	137	134	146	166	207	269	316	345

a/ 321 includes 322
 b/ 331 includes 332
 c/ 361 includes 269
 d/ 383 includes 384 and 385

b/ 323 includes 324
 d/ 351 includes 352
 f/ 381 includes 382

HONG KONG

Supplier of information:

Census and Statistics Department, Hong Kong.

Basic source of data:

Annual survey.

Major deviations from current version of ISIC:

None reported.

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.

Scope:

All establishments listed in a comprehensive and up-to-date register maintained by the Census and Statistics Department of Hong Kong.

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.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Wages and salaries excludes payments in kind and includes severance and termination pay.

Value added is total value added.

... denote: data suppressed because of confidentiality rules, except for the index numbers of industrial production.

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.

Hong Kong

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million DOLLARS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		928	946	838	790	18.7	21.0	21.3	20.8		1142	1476	1786	1843	
3111 Slaughtering, preparing & preserving meat		131	178	164	138	1.8	2.8	3.0	2.7		105	196	232	269	
3112 Dairy products		14	12	12	11	1.6	1.6	1.6	1.6		122	160	162	173	
3113 Canning, preserving of fruits & vegetables		32	19	12	9	0.8	0.5	0.4	0.2		39	34	33	20	
3114 Canning, preserving and processing of fish		145	124	133	181	1.8	1.3	1.9	1.9		103	94	144	162	
3115 Vegetable and animal oils and fats		5	16	4	3	0.5	0.6	0.5	0.6		33	45	46	48	
3116 Grain mill products		58	51	60	39	0.6	0.7	0.5	0.8		34	48	31	62	
3117 Bakery products		357	353	278	255	6.3	7.4	6.3	6.6		372	468	491	549	
3118 Sugar factories and refineries		3	2	2	2	0.1	0.1	0.2	0.1		10	...	...	...
3119 Cocoa, chocolate and sugar confectionery		20	17	19	23	1.1	0.6	0.5	0.5		56	...	40	39	
312 Other food products		138	162	145	117	3.8	5.3	6.2	5.6		252	381	678	496	
3122 Prepared animal feeds		15	12	7	12	0.3	0.2	0.2	0.2		17	18	...	...
313 Beverages		21	21	12	11	4.9	5.0	4.5	4.1		437	506	536	546	
3131 Distilling, rectifying and blending spirits		9	10	2	3	0.1	0.2	...	...		...	...	...	...
3132 Wine industries		-	-	-	-	-	-	-	-		
3133 Malt liquors and malt		2	2	2	2	1.1	1.2	1.1	1.1		...	...	...	...
3134 Soft drinks and carbonated waters		10	9	8	6	3.6	3.6	3.4	3.0		318	367	401	399	
314 Tobacco		5	4	4	4	1.2	1.3	1.4	1.3		113	166	202	219	
32 Textiles		5114	5556	4684	4606	126.1	112.6	99.2	89.3	a/	8346	8346	8163	8068	
321 Spinning, weaving and finishing textiles		2074	2387	1861	1839	59.1	55.0	48.2	45.2		4234	4401	4326	4413	
322 Made-up textile goods excl. wearing apparel		758	1116	957	824	7.3	7.4	6.2	5.0		418	392	364	317	
3213 Knitting mills		2008	1832	1679	1736	56.6	47.8	42.8	37.6		3503	3374	3266	...	
3214 Carpets and rugs		14	9	9	9	0.7	0.6	0.5	0.4		47	47	41	8	
3215 Cordage, rope and twine		66	82	68	93	0.4	0.4	0.3	0.1		18	18	13	17	
3219 Other textiles		194	130	110	106	1.9	1.4	1.2	1.2		120	106	85	99	
322 Wearing apparel, except footwear		9758	9217	7652	6711	236.7	224.4	189.5	171.1		13162	13459	12777	12769	
323 Leather and fur products		232	282	206	87	2.8	2.7	2.0	1.1		164	161	131	104	
3231 Tanneries and leather finishing		62	41	26	15	1.1	0.7	0.5	0.3		68	51	41	34	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-		-	-	-	-	
3233 Leather prods. excl. wearing apparel		170	241	180	72	1.8	2.0	1.5	0.7		96	110	90	71	
324 Footwear, except rubber or plastic		406	371	234	172	7.1	3.9	2.6	1.7		369	204	167	104	
33 Wood products, except furniture		758	723	583	646	4.0	3.5	2.5	2.7		170	176	134	158	
3311 Sawmills, planing and other wood mills		106	119	82	97	1.1	1.1	1.0	1.0		71	79	73	83	
3312 Wooden and cane containers		292	282	213	239	1.2	1.1	0.8	0.8		43a/	46a/	36a/	...	
3319 Other wood and cork products		361	322	288	309	1.6	1.2	0.7	1.0		56a/	49a/	23a/	...	
332 Furniture and fixtures, excl. metal		1196	986	768	713	7.1	5.3	3.9	3.4		384	340	267	261	
34 Paper and products		1886	1764	1517	1456	16.6	16.8	14.8	13.6		1151	1171	1202	1296	
3411 Pulp, paper and paperboard articles		53	43	43	26	1.3	1.3	1.2	1.2		94	113	126	160	
3412 Containers of paper and paperboard		1332	1276	1147	1146	12.8	11.8	10.1	9.7		806	832	810	902	
3419 Other pulp, paper and paperboard articles		501	445	327	286	4.3	3.7	3.4	2.8		261	226	266	244	
342 Printing and publishing		4793	4996	4978	4925	40.1	42.0	41.2	38.9		2661	3194	3606	3712	
35 Industrial chemicals		338	360	252	248	2.9	3.0	2.3	2.3		219	232	260	262	
3511 Basic chemicals excl. fertilizers		54	65	51	101	0.9	1.0	0.9	1.2		88	100	123	163	
3512 Fertilizers and pesticides		6	3	4	2	0.1	0.1	-	-		6	4	3	...	
3513 Synthetic resins and plastic materials		278	292	197	145	1.9	1.9	1.4	1.1		126	128	134	99	
352 Other chemicals		527	464	434	374	6.3	6.6	5.4	5.2		441	679	479	396	
3521 Paints, varnishes and lacquers		24	22	19	17	1.1	1.0	0.9	0.9		103	114	112	112	
3522 Drugs and medicines		297	226	226	228	2.3	2.1	2.3	2.5		132	139	164	203	
3523 Soap, cleaning prep., perfumes, cosmetics		91	117	86	59	1.1	1.8	0.9	0.8		79	192	76	80	
3529 Other chemical products		115	99	103	70	1.8	1.7	1.3	1.1		127	134	127	...	
353 Petroleum refineries		-	-	5b/	3b/	-	-	0.1b/	0.1b/		-	-	18b/	22b/	

354 Misc. petroleum and coal products	4	3	...b/	...b/	0.2	0.2	...b/	...b/	26	32	...b/	...b/
355 Rubber products	218	180	136	106	1.6	1.2	1.1	0.8	78	66	71	52
3551 Tyres and tubes	10	13	9	9	0.2	0.2	0.2	0.2	11	14	16	18
3559 Other rubber products	206	167	128	97	1.4	1.0	0.9	0.6	67	52	55	34
356 Plastic products	5281	4762	3796	3511	84.0	49.7	38.7	32.6	3670	3030	2726	2639
361 Pottery, china, earthenware	86	96	47	37	0.7	0.6	0.4	0.2	31	32	20	...
362 Glass and products	141	108	137	68	1.5	1.1	1.4	0.9	83	61	79	78
369 Other non-metallic mineral products	166	206	120	167	2.7	2.9	2.7	2.7	238	296	311	...
3691 Structural clay products	4	5	3	2	0.1	0.1	0.1	0.1	8	10	9	...
3692 Cement, lime and plaster	12	21	16	15	1.3	1.2	1.3	1.3	127	154	174	188
3699 Other non-metallic mineral products	150	180	101	150	1.3	1.6	1.3	1.4	103	131	128	144
371 Iron and steel	98	72	62	74	1.4	1.5	1.3	1.1	103	137	148	129
372 Non-ferrous metals	161	157	98	90	1.8	1.7	1.6	1.4	141	148	174	156
381 Fabricated metal products	7294	6729	5856	5618	80.0	51.2	45.4	42.6	3149	3004	3116	3209
3811 Cutlery, hand tools and general hardware	237	206	180	128	3.1	2.3	2.2	1.8	141	61	128	121
3812 Furniture and fixtures primarily of metal	228	188	184	209	1.8	1.8	1.6	1.5	109	115	118	115
3813 Structural metal products	1326	1073	921	1166	6.2	6.7	4.9	5.7	339	366	366	456
3819 Other fabricated metal products	5503	5263	4569	4118	48.9	41.5	37.5	33.5	2560	2414	2516	...
382 Non-electrical machinery	5628	5384	5638	5486	43.7	55.8	47.6	42.6	2498	3738	3636	3845
3821 Engines and turbines	106	89	104	74	0.9	0.9	0.9	0.8	48	65	68	88
3822 Agricultural machinery and equipment	2	3	3	4	...	0.1	0.2	0.2	...	4	16	17
3823 Metal and wood working machinery	150	23	291	156	0.7	0.8	0.9	0.7	...	40	46	47
3824 Other special industrial machinery	1358	1828	1387	1522	10.6	11.6	9.7	10.9	667	801	777	1017
3825 Office, computing and accounting machinery	126	233	198	177	15.4	23.6	18.7	14.2	893	1683	1604	1486
3829 Other non-electrical machinery & equipment	3890	4198	3663	3554	16.2	18.9	17.3	15.8	861	1175	1225	1212
383 Electrical machinery	1624	1393	1177	1091	91.2	68.2	64.7	49.9	5692	4791	4600	4558
3831 Electrical industrial machinery	144	220	168	194	5.8	4.1	3.5	4.3	412	339	344	402
3832 Radio, television and communication equipm.	930	625	535	484	61.7	43.3	33.6	31.3	3743	3114	2840	3061
3833 Electrical appliances and housewares	122	157	196	135	11.5	9.5	8.9	6.6	710	617	663	486
3839 Other electrical apparatus and supplies	528	391	278	279	12.2	11.3	8.7	8.7	727	722	652	719
384 Transport equipment	650	624	567	706	15.3	14.5	13.6	15.1	1516	1660	1719	2052
3841 Shipbuilding and repairing	503	454	393	421	9.1	9.2	7.5	8.2	839	844	836	961
3842 Railroad equipment	1	1	1	2	0.1	0.1	0.1	0.1	...	...	...	...
3843 Motor vehicles	112	121	138	230	1.3	1.1	1.0	1.6	76	80	77	132
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-
3845 Aircraft	1	1	1	2	5.0	4.9	5.0	5.2	...	...	...	...
3849 Other transport equipment	33	47	34	53	0.1	0.2	0.1	0.1	...	10	...	3
385 Professional and scientific equipment	1694	1720	1369	1424	37.8	34.2	27.2	24.2	2278	2292	1969	2035
3851 Prof. and scientific equipment n.e.c.	24	27	33	39	0.3	0.2	0.3	0.3	14	8	18	...
3852 Photographic and optical goods	138	143	135	136	8.8	7.7	7.0	6.6	489	454	48	491
3853 Watches and clocks	1532	1650	1202	1260	28.7	26.4	19.9	17.3	1774	1831	1803	...
390 Other manufacturing industries	3471	3697	2725	2582	31.4	31.8	23.2	22.7	2027	2219	1925	1961
3901 Jewellery and related articles	1302	1355	929	876	16.8	16.6	12.1	10.9	1256	1377	1177	1141
3902 Musical instruments	1	2	1	-	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	43	49	38	33	1.0	0.8	0.6	0.4	63	53	50	45
3909 Manufacturing industries, n.e.c.	1854	2291	1757	1673	11.0	14.4	11.1	11.4	549a/	783a/	694a/	796
3 Total manufacturing	52475	51821	43893	41706	529.7	762.6	651.4	592.4	50088	51511	50098	51081

a/ Data are incomplete due to confidentiality rules.

b/ 353 includes 354.

Hong Kong

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million DOLLARS)					(million DOLLARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		8217	9629	10163	11273	2438	3099	3473	3801	29.7	33.7	46.8	48.5	
3111 Slaughtering, preparing & preserving meat		976	1268	1265	1377	202	306	343	346	20.7	25.1	52.0	74.9	
3112 Dairy products		724	879	938	1010	300	373	400	431	41.4	42.7	40.7	40.1	
3113 Canning, preserving of fruits & vegetables		295	303	248	145	85	80	74	58	28.8	40.0	45.9	34.6	
3114 Canning, preserving and processing of fish		1169	766	1147	1506	197	168	304	471	16.9	31.3	52.3	34.4	
3115 Vegetable and animal oils and fats		705	748	763	794	89	148	119	146	12.6	18.4	37.1	32.9	
3116 Grain mill products		338	496	383	499	98	144	139	137	29.0	27.5	34.7	46.3	
3117 Bakery products		1764	2402	2457	2504	634	885	939	936	35.9	37.4	58.7	58.7	
3118 Sugar factories and refineries		57				8				14.0				
3119 Cocoa, chocolate and sugar confectionery		244		183	198	80		62	68	32.8	34.3	68.8	57.4	
3121 Other food products		1679	2323	2544	2932	705	892	1035	1160	42.0	39.2	35.7	43.0	
3122 Prepared animal feeds		266	195			40	39			16.0		42.6		
313 Beverages		3423	3774	3745	3771	1464	1561	1639	1628	42.8	43.2	29.8	33.6	
3131 Distilling, rectifying and blending spirits														
3132 Wine industries														
3133 Malt liquors and malt														
3134 Soft drinks and carbonated waters		2213	2429	2417	2405	640	832	824	879	28.9	36.6	49.7	46.4	
314 Tobacco		3465	5328	7478	7903	2125	3073	4707	4714	61.3	59.6	5.3	4.6	
321 Textiles		54907	51339	53738	52209	14297	14051	14009	14800	26.0	28.3	58.4	54.6	
3211 Spinning, weaving and finishing textiles	a/	27273	26667	25957	26363	7388	7203	7318	7494	27.1	28.4	67.3	68.9	
3212 Made-up textile goods excl. wearing apparel		2098	1886	2081	1516	695	769	823	701	33.2	46.2	60.1	46.2	
3213 Knitting mills		24179	21663	24300	22834a/	5823	5733	5421	6062a/	24.1	26.5	60.2		
3214 Carpets and rugs		164	142	116	25	70	65	42	9	42.7	36.0	67.1	68.9	
3215 Cordage, rope and twine		151	136	84	155	36	39	27	33	23.8	21.3	50.0	51.6	
3219 Other textiles		995	800	708	846	273	234	201	336	27.4	39.7	44.0	29.6	
322 Wearing apparel, except footwear		61631	64246	64239	65760	19194	19149	18601	19705	31.1	30.0	68.6	64.8	
323 Leather and fur products		1405	1355	1043	773	322	294	240	188	22.9	25.6	60.9	62.6	
3231 Tanneries and leather finishing		527	426	489	307	125	93	76	68	23.7	22.1	64.4	60.0	
3232 Fur dressing and dyeing industries														
3233 Leather prods. excl. wearing apparel		878	930	555	467	197	200	164	130	22.4	27.8	48.7	64.6	
324 Footwear, except rubber or plastic		1978	955	825	726	603	271	220	163	30.6	21.1	61.2	68.0	
331 Wood products, except furniture		1278	1375	885	1111	282	299	225	282	22.1	26.2	60.3	66.0	
3311 Sawmills, planing and other wood mills		601	615	505	686	103	111	98	128	17.1	18.7	68.9	64.8	
3312 Wooden and cane containers	a/	358	417	249	169	83	86	70	67	23.2	39.6	61.8		
3319 Other wood and cork products	a/	317	339	122	259	95	101	52	86	30.0	32.8	67.9		
332 Furniture and fixtures, excl. metal		1739	1330	1268	1171	604	517	431	402	34.7	34.3	63.6	62.4	
341 Paper and products		7210	8518	8290	9109	1916	2146	2409	2584	26.6	28.4	60.1	60.1	
3411 Pulp, paper and paperboard articles		686	1151	969	1237	99	188	281	390	14.4	31.5	94.9	38.6	
3412 Containers of paper and paperboard		5046	5837	5917	6359	1343	1475	1649	1703	26.6	26.8	60.0	53.0	
3419 Other pulp, paper and paperboard articles		1478	1530	1404	1514	474	482	479	491	32.1	32.4	63.0	49.7	
342 Printing and publishing		13020	16194	17130	18389	5561	6842	7049	7816	42.7	42.6	47.9	47.6	
351 Industrial chemicals		3457	3572	3436	3139a/	715	497	855	742a/	20.7	23.6	30.6	36.3	
3511 Basic chemicals excl. fertilizers		722	694	725	1083	293	304	300	443	40.6	40.9	30.0	36.8	
3512 Fertilizers and pesticides		33	19	21		6	4	6		18.2				
3513 Synthetic resins and plastic materials		2702	2859	2690	2067	416	189	549	299	16.4	14.6	30.0	33.1	
352 Other chemicals		3099	3433	3089	3006a/	998	1197	1173	1116a/	32.2	37.1	44.2	35.4	
3521 Paints, varnishes and lacquers		781	758	648		201	246	239	281	25.7	42.7	51.2	39.9	
3522 Drugs and medicines		696	668	827	954	273	269	364	393	39.2	41.2	48.4	61.7	
3523 Soap, cleaning prods., perfumes, cosmetics		697	975	674	748	272	397	253	253	39.0	33.8	29.0	31.6	
3529 Other chemical products		925	1042	940	646a/	252	285	317	188a/	27.2	29.1	60.4		
353 Petroleum refineries				197b/	191b/			79b/	62b/		32.6		36.6	

354 Misc petroleum and coal products	249	249	...b/	...b/	101	103	...b/	...b/	40.6	...	25.7	...
355 Rubber products	374	364	286	286	148	127	118	96	39.6	35.8	52.7	54.7
3551 Tyres and tubes	81	91	90	101	33	34	37	39	40.7	38.6	33.3	48.2
3559 Other rubber products	293	273	196	164	115	93	81	56	39.2	34.1	58.3	60.7
356 Plastic products	24795	19204	16318	16866	6931	6923	6238	4824	28.0	30.4	51.5	54.7
361 Pottery, china, earthenware	120	117	64	...	61	49	24	...	42.6	...	60.8	...
362 Glass and products	522	411	568	519	198	151	189	194	37.9	37.4	41.9	40.2
369 Other non-metallic mineral products	4192	4269	4278	3923a/	589	743	812	636a/	14.1	16.2	40.4	...
3691 Structural clay products	27	32	35	...	5	1	8	...	18.6	...	...	...
3692 Cement, lime and plaster	3353	3336	3399	3063	275	436	618	347	8.2	11.3	46.2	54.2
3699 Other non-metallic mineral products	811	901	844	860	310	306	286	290	38.2	33.7	33.2	49.7
371 Iron and steel	1105	1653	1474	1288	290	340	268	300	26.2	23.3	36.5	43.0
372 Non-ferrous metals	2636	2619	3094	4737	324	311	448	395	12.3	8.3	43.5	42.0
381 Fabricated metal products	20729	17867	20064	19470	5882	5585	5922	6137	28.4	31.5	53.5	62.3
3811 Cutlery, hand tools and general hardware	1306	858	1111	1039	422	326	424	407	32.3	39.2	33.4	29.7
3812 Furniture and fixtures primarily of metal	485	432	437	458	182	180	174	187	32.7	40.8	71.7	61.6
3813 Structural metal products	1824	1922	1838	2299	596	606	541	754	32.7	32.8	56.9	60.6
3819 Other fabricated metal products	17133	14423	16870	16674	4712	4423	4784	4789	27.5	30.6	54.3	...
382 Non-electrical machinery	19552	29756	33244	32522	5183	8398	8334	8681	26.5	26.7	48.2	44.3
3821 Engines and turbines	390	401	468	531	163	162	165	228	39.2	42.9	31.4	38.6
3822 Agricultural machinery and equipment	...	22	94	111	...	...	32	43	...	38.7	...	39.6
3823 Metal and wood working machinery	...	250	242	213	...	72	92	79	...	37.1	...	59.6
3824 Other special industrial machinery	3848	3934	4695	5109	1252	1470	1420	1733	32.5	33.9	63.3	58.7
3825 Office, computing and accounting machinery	11329	20240	22330	21464	2177	4679	4466	4463	19.2	20.7	41.0	32.9
3829 Other non-electrical machinery & equipment	3801	4909	5516	5093	1539	2016	2140	2144	40.5	42.1	55.3	56.5
383 Electrical machinery	46687	37672	33287	35213	11064	8994	9604	10453	23.7	29.7	50.5	44.7
3831 Electrical industrial machinery	2878	2588	2879	3280	967	974	1011	1061	33.6	32.0	42.6	38.2
3832 Radio, television and communication equipm.	33195	24551	18189	22979	7624	5527	6528	7060	23.0	30.7	49.1	43.4
3833 Electrical appliances and housewares	5260	5214	5426	3666	1181	1155	1471	883	22.5	24.1	60.1	66.0
3839 Other electrical apparatus and supplies	5355	5320	6813	6288	1293	1338	1493	1469	24.1	27.3	56.2	49.3
384 Transport equipment	3978	4200	4447	5452	2324	2601	2717	3386	68.4	61.7	66.2	61.0
3841 Shipbuilding and repairing	2107	2219	2278	2726	1130	1206	1182	1375	63.6	60.4	74.2	69.2
3842 Railroad equipment	...	...	...	...	6	...	...	...	...	...	...	...
3843 Motor vehicles	a/ 330	261	350	497	a/ 139	133	114	217	42.1	43.7	64.7	60.8
3844 Motorcycles and bicycles	...	...	...	...	...	...	...	...	...	...	...	...
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	...	42	...	21	6	14	...	7	...	33.3	...	42.9
385 Professional and scientific equipment	21871	21768	21471	23039	4170	4179	3841	3965	19.1	17.2	64.6	51.4
3851 Prof and scientific equipment n.e.c.	83	22	286	...	21	8	30	...	25.3	...	66.7	...
3852 Photographic and optical goods	3026	2431	3113	3852	771	760	911	949	25.6	24.6	63.4	51.7
3853 Watches and clocks	18762	19316	18072	18618a/	3378	3410	2900	2873a/	18.0	16.4	52.5	...
390 Other manufacturing industries	15271	12709	12856	13202	3367	3366	3022	3361	22.0	25.5	60.2	58.8
3901 Jewellery and related articles	9854	7149	7923	7408	1924	1777	1609	1690	19.5	22.8	65.3	67.5
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	442	417	393	417	103	84	61	101	23.3	24.2	61.2	44.6
3909 Manufacturing industries, n.e.c.	3997a/	5117a/	4526a/	5377	1078a/	1498a/	1326a/	1669	27.0	29.2	60.9	50.7
3 Total manufacturing	326909	323806	326968	334293	91143	93869	96443	100496	27.9	30.1	55.0	50.8

a/ Data are incomplete due to confidentiality rules.

b/ 353 includes 354.

Hong Kong

ISIC industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million DOLLARS)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		246	520	436	420		138	157	160	180	187	...	...	...	...
313 Beverages		-50	401	-49	307		114	122	128	139	142	...	...	...	...
314 Tobacco		197	65	246	242		218	207	271	336	367	...	...	...	...
321 Textiles		2088	1651	1811	1758		120	151	171	167	176	173	180	185	174	
322 Wearing apparel, except footwear		820	1433	1353	1098		105	125	143	142	144	141	137	138	141	
323 Leather and fur products		19	33	37	25	a/	83	93	102	106	98	97	92	90	82	
324 Footwear, except rubber or plastic		144	12	10	2	a/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		46	33	19	8	b/	102	114	124	130	120	119	113	111	100	
332 Furniture and fixtures, excl. metal		37	67	17	13	b/	...	...	...	...	...	...	...	...	...
341 Paper and products		444	483	404	411		164	190	240	291	318	345	382	447	504	
342 Printing and publishing		950	1211	1237	1646		173	201	254	308	336	367	406	473	534	
351 Industrial chemicals		-488c/	211c/	147	401c/	c/	146	166	177	172	167	149	141	134	121	
352 Other chemicals		...c/	...c/	-221	...c/	c/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		-	-	10d/	2d/		...	...	...	...	...	...	...	...	...
354 Misc petroleum and coal products		17	56	17	d/		...	...	...	...	...	...	...	...	...
355 Rubber products		20	31	17	7		212	241	257	260	229	217	206	195	176	
356 Plastic products		1141	769	886	787		181	208	221	210	183	158	146	136	114	
361 Pottery, china, earthenware		7	1	-3	...	e/	192	218	234	227	208	197	186	177	159	
362 Glass and products		51	58	1	-45	e/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		174	110	230	...	e/	...	...	...	...	...	...	...	...	...
371 Iron and steel		188	152	84	29	f/	135	152	176	210	191	172	169	161	146	
372 Non-ferrous metals		177	10	64	54	f/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		856	689	653	434		134	152	177	212	190	169	166	158	145	
382 Non-electrical machinery		1130	1264	1253	1448		159	178	207	246	225	201	198	189	171	
383 Electrical machinery		2423	1963	1568	2375		127	143	180	207	210	213	219	223	229	
384 Transport equipment		432	277	122	132		139	157	171	178	164	163	155	152	138	
385 Professional and scientific equipment		434	487	616	487		179	201	253	291	295	299	307	313	322	
390 Other manufacturing industries		286	282	480	390		117	131	143	149	138	136	130	127	116	
3 total manufacturing		11790	12270	11427	12602		132	153	177	190	188	...	...	...	...

a/ 323 includes 324
c/ 351 includes 352
e/ 361 includes 362 and 369

b/ 331 includes 332
d/ 353 includes 354
f/ 371 includes 372

HUNGARY

Supplier of information:

Hungarian Central Statistical Office, Budapest.

Basic source of data:

Annual industrial inquiry.

Major deviations from current version of ISIC:

Publishing is not included in manufacturing; repair services for the general public are included in related manufacturing industries.

Reference period (if not calendar year):

Scope:

Prior to 1991, only industrial enterprises possessing legal entities. Beginning 1991, the figures relate to all industrial enterprises possessing legal entities, as well as non-legal entities (private unincorporated companies) and individual entrepreneurs having double or single entry book-keeping.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Wages and salaries excludes gratuities, certain subsidies, family allowances, and housing allowances.

Output does not include net revenues from goods shipped in the same condition as received. Valuation is net of turnover taxes and includes price supplements granted by the State on individual products.

Gross fixed capital formation relates to actual expenditure on new fixed assets. The corresponding value of sales is not deducted.

Related national publications:

Statistikai Evkönyv (Statistical Yearbook), published by the Hungarian Central Statistical Office, Budapest.

Hungary

ISIC Industry	Note	Number of enterprises				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million FORINTS)			
		1990	1991	1992	1993		1990	1991	1992a/	1993a/		1990	1991	1992a/	1993a/
311/2 Food Products		493	1006	1108	1896		169	164	159	134		27825	33268	39461	42608
3111 Slaughtering, preparing & preserving meat				533	414										
3112 Dairy products				76	112										
3113 Canning, preserving of fruits & vegetables				172	217										
3114 Canning, preserving and processing of fish				-	-										
3115 Vegetable and animal oils and fats				21	43										
3116 Grain mill products				55	145										
3117 Bakery products				463	604										
3118 Sugar factories and refineries				12	12										
3119 Cocoa, chocolate and sugar confectionery				76	92										
3121 Other food products				82	107										
3122 Prepared animal feeds				118	150										
313 Beverages		87	201	309	467		25	23	20	18		3843	4803	5656	6284
3131 Distilling, rectifying and blending spirits				48	71										
3132 Wine industries				122	174										
3133 Malt liquors and malt				86	147										
3134 Soft drinks and carbonated waters				53	75										
314 Tobacco		7	16	1	7		5	5	4	3		883	1276	1601	1662
321 Textiles		236	367	574	726		76	61	48	49		9799	9766	9714	11160
3211 Spinning, weaving and finishing textiles				130	159										
3212 Made-up textile goods excl. wearing apparel				196	278										
3213 Knitting mills				161	170										
3214 Carpets and rugs				97b/	119b/										
3215 Cordage, rope and twine				b/	b/										
3219 Other textiles				b/	b/										
322 Wearing apparel, except footwear		446	916	600	883		52	57	58	59		6769	8027	9880	11336
323 Leather and fur products		122	194	109	133		10	10	10	9		1614	1991	1856	1804
3231 Tanneries and leather finishing				17	20										
3232 Fur dressing and dyeing industries				7	8										
3233 Leather products excl. wearing apparel				85	106										
324 Footwear, except rubber or plastic		122	209	224	252		28	26	24	22		3206	3721	3938	4173
331 Wood products, except furniture		296	673	753	945		16	18	19	20		2204	3116	4077	4434
3311 Sawmills, planing and other wood mills				638	688										
3312 Wooden and cane containers				67	77										
3319 Other wood and cork products				148	160										
332 Furniture and fixtures, excl. metal		183	277	377	469		26	23	20	20		3423	5138	3946	4796
341 Paper and products		62	135	115	150		13	12	12	11		2446	2871	3495	4136
3411 Pulp, paper and paperboard articles				13	20										
3412 Containers of paper and paperboard				52	72										
3419 Other pulp, paper and paperboard articles				50	58										
342 Printing and publishing		369	663	1632	1975		21	21	17	24		4192	5113	6132	10240
351 Industrial chemicals		134	218	162	186		37	33	29	23		7319	8324	8872	8632
3511 Basic chemicals excl. fertilizers				96	120										
3512 Fertilizers and pesticides				23	26										
3513 Synthetic resins and plastic materials				33	40										
352 Other chemicals		81	154	283	327		26	26	23	26		5341	6907	8374	12111
3521 Paints, varnishes and lacquers				35	43										
3522 Drugs and medicines				72	74										
3523 Soap, cleaning preps., perfumes, cosmetics				72	96										
3529 Other chemical products				104	114										
353 Petroleum refineries		5	12	6	13		6	6	22c/	20		1696	2489	10137c/	11747

354 Misc petroleum and coal products	-	-	-	1	-	-	-	1	-	-	-	448			
355 Rubber products	32	81	77	101	8	8	6	6	1727	1831	1819	1818			
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	373	652	574	694	18	18	18	15	3121	3685	3656	4648			
361 Pottery, china, earthenware	42	62	57	75	12	12	10	6	1916	2242	2499	2067			
362 Glass and products	28	51	79	96	15	14	11	10	2381	2772	2567	2974			
369 Other non-metallic mineral products	149	260	329	375	28	24	19	19	4648	5186	5138	6386			
3691 Structural clay products	...	...	87	98	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	...	19	21	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	...	223	256	...	...	...	...	...	...	...	...
371 Iron and steel	91	137	146	177	44	36	30	32	8218	8172	8239	11294			
372 Non-ferrous metals	54	99	79	89	20	17	13	8	4163	4415	4291	2859			
381 Fabricated metal products	558	1244	1636	1969	50	44	32	42	7707	8520	7744	12164			
3811 Cutlery, hand tools and general hardware	...	...	451	489	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	...	...	-	-	...	...	...	...	...	...	...	...
3813 Structural metal products	...	...	521	709	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...	...	664	771	...	...	...	...	...	...	...	...
382 Non-electrical machinery	1436	3311	2110	2417	136	125	92	59	21881	24893	22831	18529			
3821 Engines and turbines	...	...	13	16	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	...	...	73	77	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	...	...	82	98	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	...	...	1378	1598	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	...	...	119	140	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	445	488	...	...	...	...	...	...	...	...
383 Electrical machinery	571	1190	900	1056	120	95	70	59	17962	19223	18116	18936			
3831 Electrical industrial machinery	...	...	345	425	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	432	489	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	39	42	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	84	100	...	...	...	...	...	...	...	...
384 Transport equipment	416	899	254	305	67	61	49	33	10290	11784	11822	11897			
3841 Shipbuilding and repairing	...	...	31	39	...	...	...	...	...	...	...	...
3842 Railroad equipment	...	...	5	7	...	...	...	...	...	...	...	...
3843 Motor vehicles	...	...	179	208	...	...	...	...	...	...	...	...
3844 Motorcycles and bicycles	...	...	6	8	...	...	...	...	...	...	...	...
3845 Aircraft	...	...	-	-	...	...	...	...	...	...	...	...
3849 Other transport equipment	...	...	33	43	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	489	895	505	579	44	35	25	16	7618	7780	6796	5416			
3851 Prof and scientific equipment n.e.c	...	...	478	546	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	24	27	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	3	6	...	...	...	...	...	...	...	...
390 Other manufacturing industries	311	792	314	350	36	30	23	6	4066	4208	3967	1681			
3901 Jewellery and related articles	...	...	36	47	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	11	12	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	29	32	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c	...	...	238	262	...	...	...	...	...	...	...	...
3 Total manufacturing	d/	7193	14712	13809	16706	d/	1117	1006	860	747	d/	176137	200090	215646	235718

a/ Only enterprises with more than 20 employees
 c/ Break in series as a result of organizational change.

b/ 3214 includes 3215 and 3219.
 d/ Including repair services for the general public.

Hungary

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million FORINTS)					(million FORINTS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		329600	374900	384454	433221		...	...	88679	99057	...	22.9	...	42.9
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		42100	53200	52756	72456		...	...	16299	23081	...	31.9	...	27.2
3131 Distilling, rectifying and blending spirits	
3132 Wine industries	
3133 Malt liquors and malt	
3134 Soft drinks and carbonated waters	
314 Tobacco		11500	14500	14460	18403		...	...	3323	3816	...	20.7	...	40.7
321 Textiles		70200	63700	50036	58059		...	...	15188	18916	...	32.6	...	59.0
3211 Spinning, weaving and finishing textiles	
3212 Made-up textile goods excl. wearing apparel	
3213 Knitting mills	
3214 Carpets and rugs	
3215 Cordage, rope and twine	
3219 Other textiles	
322 Wearing apparel, except footwear		28000	33800	35811	39700		...	...	18338	20968	...	52.8	...	54.1
323 Leather and fur products		9900	12200	9432	10006		...	...	1986	2333	...	21.4	...	77.3
3231 Tanneries and leather finishing	
3232 Fur dressing and dyeing industries	
3233 Leather prods. excl. wearing apparel	
324 Footwear, except rubber or plastic		17300	18000	14519	16187		...	...	6141	7409	...	45.8	...	56.3
331 Wood products, except furniture		15800	22800	30708	34389		...	...	8071	9852	...	28.6	...	45.0
3311 Sawmills, planing and other wood mills	
3312 Wooden and cane containers	
3319 Other wood and cork products	
332 Furniture and fixtures, excl. metal		22000	23200	25230	28306		...	...	8230	9482	...	53.4	...	50.7
341 Paper and products		28700	29600	39124	36971		...	...	9238	10200	...	28.4	...	40.6
3411 Pulp, paper and paperboard articles	
3412 Containers of paper and paperboard	
3419 Other pulp, paper and paperboard articles	
342 Printing and publishing		26900	36500	70454	80766		...	...	20645	27426	...	34.0	...	37.3
351 Industrial chemicals		110800	114700	86465	89066		...	...	14936	18549	...	20.2	...	46.6
3511 Basic chemicals excl. fertilizers	
3512 Fertilizers and pesticides	
3513 Synthetic resins and plastic materials	
352 Other chemicals		58400	79200	89620	113534		...	...	31378	42606	...	37.6	...	28.4
3521 Paints, varnishes and lacquers	
3522 Drugs and medicines	
3523 Soap, cleaning preps., perfumes, cosmetics	
3529 Other chemical products	
353 Petroleum refineries		106500	134000	174905	191137		...	...	79693	90663	...	47.6	...	12.9

354 Misc. petroleum and coal products	-	-	-	2450	...	...	-	672	...	27.4	...	66.7
355 Rubber products	15500	14800	12866	7955	...	...	2975	2741	...	34.5	...	66.3
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	26300	35000	35485	48714	...	...	10329	15061	...	30.9	...	30.9
361 Pottery, china, earthenware	8600	10500	6010	8144	...	...	2928	4540	...	55.7	...	48.3
362 Glass and products	13900	16200	15598	18504	...	...	5045	6536	...	35.3	...	45.5
369 Other non-metallic mineral products	39700	38800	38843	44863	...	...	11950	15606	...	34.8	...	40.9
3691 Structural clay products	...	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	115100	98900	76965	81328	...	...	11140	12527	...	15.4	...	90.2
372 Non-ferrous metals	71900	58800	40170	34531	...	...	5247	6458	...	18.7	...	44.3
381 Fabricated metal products	46900	54400	55166	71458	...	...	15934	24058	...	33.7	...	50.6
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	115000	136200	103249	114211	...	...	45140	44297	...	38.8	...	41.8
3821 Engines and turbines	...	...	...	...	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	...	...	...	...	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	...	...	...	...	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	...	...	...	...	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery	120800	115600	102849	126226	...	...	26960	38094	...	30.2	...	49.7
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	74100	91000	129318	161614	...	...	17636	31454	...	19.6	...	37.2
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	42300	46600	27850	29951	...	...	11517	13140	...	43.9	...	41.2
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	17500	17900	7923	9214	...	...	3030	3571	...	38.8	...	44.3
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	a/ 1585300	1745000	1730065	1981263	a/	...	491955	603392	...	30.5	...	39.1

a/ Including repair services for the general public.

Hungary

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million FORINTS)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		15336	12250	13945	18405	a/	109	111	114	111	112	109	106	92	89
313 Beverages		2176	4348	4073	7786	a/	...	...	...	...	...	...	...	...	...
314 Tobacco		222	325	1910	3903	a/	...	...	...	...	...	...	...	...	...
321 Textiles		1684	2180	2020	3393		101	101	104	107	103	85	58	43	...
322 Wearing apparel, except footwear		1037	1491	1775	1941		96	87	87	88	78	70	70	64	66
323 Leather and fur products		192	154	356	185		88	96	96	88	77	64	54	40	38
324 Footwear, except rubber or plastic		418	454	343	470		123	128	129	118	101	89	74	57	59
331 Wood products, except furniture		1425	1110	1408	1696		102	106	113	116	125	123	143	162	...
332 Furniture and fixtures, excl metal		1179	618	538	1259		104	108	114	115	116	112	96	79	83
341 Paper and products		926	4364	5033	2503		117	128	136	142	136	129	103	100	89
342 Printing and publishing		1160	1549	3310	3740		124	132	141	145	150	133	133	116	147
351 Industrial chemicals		8264	4897	3776	7393		145	148	155	169	162	140	108	82	84
352 Other chemicals		2963	3772	7232	8708		94	97	101	99	93	90	78	79	76
353 Petroleum refineries		3823	7046	23151	20339		...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		-	-	-	303		...	...	...	...	...	...	...	...	...
355 Rubber products		1765	824	196	399	b/	129	134	154	161	172	176	168	153	172
356 Plastic products		2352	1525	2362	6301	b/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		521	364	327	876		113	116	120	131	130	138	126	112	104
362 Glass and products		4725	2053	423	373		110	111	116	118	121	106	88	86	82
369 Other non-metallic mineral products		3913	3101	3344	3632		99	98	107	108	106	106	70	60	...
371 Iron and steel		3787	3052	3650	3444		98	100	101	105	106	95	62	44	42
372 Non-ferrous metals		1423	657	907	712		121	127	128	135	155	129	85	68	60
381 Fabricated metal products		1795	2631	12299	4455		98	101	104	112	104	96	84	66	74
382 Non-electrical machinery		2544	6968	3884	6129		113	115	120	124	130	113	103	82	90
383 Electrical machinery		4235	5278	8557	8501		127	132	141	142	142	118	89	72	80
384 Transport equipment		2943	9571	26004	6028		114	120	123	112	107	75	56	36	46
385 Professional and scientific equipment		1830	1276	909	1156		135	141	148	161	177	158	130	63	79
390 Other manufacturing industries		732	621	486	672		98	92	91	90	80	63	54	39	...
3 Total manufacturing	c/	73370	82478	132218	124701		...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313 and 314
c/ Including repair services for the general public

b/ 355 includes 356

ICELAND

Supplier of information:

National Economic Institute of Iceland, Reykjavik.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Sample drawn from financial statements out of tax records.

Major deviations from current version of ISIC:

None reported.

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

All establishments.

Method of enumeration:

The sample covers around 50% of the total wage bill in various industries. For production and value added the stratified samples drawn are "grossed" to the total size according to the proportion between the total wage bill and the sample wage bill. Employment figures are based on administrative registers of total coverage.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees is calculated as the number of work years, based on the number of insured weeks of work provided by a register-based tax-source.

Wages and salaries paid to employees comprises all payments, whether in cash or in kind, made to employees during the year, including bonuses, compensations, etc.

Output is valued in producers' prices, excluding all subsidies and VAT. Value of all products is taken, allowing for net changes of work in progress.

Value added uses the national accounting concept. It is calculated as the value of output excluding the cost of materials, fuels and other supplies; contract and commission work done by others; repair and maintenance work done by others; and electricity purchased. It includes receipts for non-industrial services but excludes costs of non-industrial services. Input estimates are on a consumed basis. Valuation is in producers' prices.

Related national publications:

Atvinnuvegaskýrslur (Industrial Statistics), published by the National Economic Institute of Iceland, Reykjavik.

Iceland

ISIC Industry	Number of establishments				Number of employees				wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million KRONUR)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		810	795	703	676		11921	11200	10891	9982		14776.6	14870.0	13739.7	16353.6
3111 Slaughtering, preparing & preserving meat		54	66	48	41		1193	1138	1046	872		374.7	1573.4	1915.2	1937.1
3112 Dairy products		21	18	18	15		660	662	626	618		924.6	889.2	1032.3	1101.9
3113 Canning, preserving of fruits & vegetables		16	17	15	15		376	282	273	251		321.4	434.0	294.0	298.5
3114 Canning, preserving and processing of fish		515	499	445	419		8010	7549	7316	6540		10185.9	9912.4	11178.6	10412.8
3115 Vegetable and animal oils and fats		-	-	-	-		-	-	-	-		-	-	-	-
3116 Grain mill products		-	-	-	-		-	-	-	-		-	-	-	-
3117 Bakery products		103	99	97	95		858	839	862	830		987.1	1080.9	1211.5	1304.8
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-	-	-
3119 Cocoa, chocolate and sugar confectionery		16	16	11	14		243	245	283	261		292.3	371.7	421.6	359.2
3121 Other food products		-	-	-	-		-	-	-	-		-	-	-	-
3122 Prepared animal feeds		85	80	69	77		581	495	485	610		690.6	608.4	686.7	939.3
313 Beverages		3	5	7	9		334	333	325	334		470.8	631.0	792.4	738.5
3131 Distilling, rectifying and blending spirits		-	-	1	2		7	7	2	4		-	-	-	-
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-	-	-
3134 Soft drinks and carbonated waters		3	5	6	7		327	326	323	330		470.3	631.0	792.4	738.5
314 Tobacco		1	1	1	1		2	1	10	10		-	-	-	-
321 Textiles		76	70	67	65		882	796	579	440		1176.9	1076.4	794.1	701.6
3211 Spinning, weaving and finishing textiles		4	3	6	3		166	141	201	65		419.4	378.4	191.2	106.6
3212 Made-up textile goods excl. wearing apparel		12	12	12	10		37	39	35	34		40.4	47.3	62.8	68.6
3213 Knitting mills		21	20	21	21		265	222	57	70		201.6	141.2	101.6	76.2
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
3215 Cordage, rope and twine		39	35	28	31		414	394	285	271		515.5	509.5	438.5	453.2
3219 Other textiles		-	-	-	-		-	-	-	-		-	-	-	-
322 Wearing apparel, except footwear		104	95	102	98		472	447	493	502		437.2	478.6	656.8	770.1
323 Leather and fur products		18	21	21	19		262	269	272	275		140.7	108.6	408.5	415.2
3231 Tanneries and leather finishing		5	7	6	4		255	260	250	254		133.2	94.6	388.6	386.5
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prods. excl. wearing apparel		13	14	15	15		7	9	22	21		7.6	14.1	17.9	29.7
324 Footwear, except rubber or plastic		7	3	3	2		33	40	40	16		22.1	33.2	29.9	8.4
331 Wood products, except furniture		41	40	36	37		34	35	24	17		19.2	33.1	36.4	40.5
3311 Sawmills, planing and other wood mills		-	-	-	-		-	-	-	-		-	-	-	-
3312 Wooden and cane containers		3	2	2	2		8	7	7	7		-	-	-	-
3319 Other wood and cork products		38	38	34	35		26	28	17	10		19.2	33.1	36.4	40.5
332 Furniture and fixtures, excl. metal		234	240	277	335		973	964	1205	1049		1660.4	1961.1	2215.8	2156.0
341 Paper and products		11	9	10	9		224	231	231	233		330.0	385.4	468.2	433.6
3411 Pulp, paper and paperboard articles		11	9	10	9		224	231	231	233		330.0	385.4	468.2	433.6
3412 Containers of paper and paperboard		-	-	-	-		-	-	-	-		-	-	-	-
3419 Other pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
342 Printing and publishing		306	311	332	344		1997	2066	2066	1925		2938.0	3339.8	3948.8	3645.7
351 Industrial chemicals		7	6	6	6		246	259	248	246		452.6	514.3	581.8	641.4
3511 Basic chemicals excl. fertilizers	a/	7	6	6	6	a/	246	259	248	246	a/	452.6	514.3	581.8	641.4
3512 Fertilizers and pesticides	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		21	25	26	25		319	302	412	366		458.0	471.3	529.7	522.0
3521 Paints, varnishes and lacquers		4	6	7	7		113	109	181	161		199.8	216.0	248.7	281.7
3522 Drugs and medicines		-	-	-	-		-	-	-	-		-	-	-	-
3523 Soap, cleaning preps, perfumes, cosmetics		17	19	19	18		206	193	231	205		258.2	255.3	281.0	240.3
3529 Other chemical products		-	-	-	-		-	-	-	-		-	-	-	-
353 Petroleum refineries		-	-	-	-		-	-	-	-		-	-	-	-

354 Misc. petroleum and coal products	3	2	2	2	9	8	10	10	9.4	12.1	13.1	15.5
355 Rubber products	-	-	-	-	-	-	-	-	-	-	-	-
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
3559 Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-
356 Plastic products	54	59	59	58	559	518	506	485	583.6	592.6	1026.4	1079.4
361 Pottery, china, earthenware	24	23	24	24	28	28	8	23	41.9	55.4	70.0	70.5
362 Glass and products	17	17	23	22	111	96	113	102	121.2	151.4	187.9	185.8
369 Other non-metallic mineral products	69	65	74	66	756	770	816	767	1125.0	1352.7	1587.9	1515.5
3691 Structural clay products	1	-	1	1	-	-	1	-	-	-	-	-
3692 Cement, lime and plaster	1	1	1	1	151	143	140	132	237.3	239.1	259.4	257.9
3699 Other non-metallic mineral products	67	64	72	64	606	627	674	635	887.7	1113.6	1318.6	1257.6
371 Iron and steel	1	1	1	1	207	209	188	190	437.0	439.1	415.1	459.4
372 Non-ferrous metals	1	1	1	1	664	652	622	623	1343.3	1477.8	1487.8	1376.9
381 Fabricated metal products	491	496	488	504	2343	2146	1980	1857	3499.2	3475.1	3786.3	3214.1
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	-	-	-	-	-	-	-	-	-	-	-	-
3831 Electrical industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-
3832 Radio, television and communication equipm.	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	-	-	-	-	-	-	-	-	-	-	-	-
384 Transport equipment	59	59	70	70	703	634	599	545	1028.9	976.2	1118.8	1277.2
3841 Shipbuilding and repairing	59	59	70	70	703	634	599	545	1023.9	976.2	1118.8	1277.2
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	129	145	144	158	480	489	528	495	811.2	1038.7	1102.5	1158.4
3901 Jewellery and related articles	36	40	33	34	34	38	36	41	46.1	40.2	58.0	65.5
3902 Musical instruments	9	10	10	12	1	2	-	-	1.1	0.4	0.4	0.5
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.	84	95	101	112	445	449	492	454	764.0	998.1	1044.1	1091.3
3 Total manufacturing	2487	2489	2477	2532	23559	22487	22132	20493	32063.2	33773.8	37995.9	35783.3

a/ 3511 includes 3512.

Iceland

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million KRONUR)					(million KRONUR)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		70595.8	80986.6	89061.9	93924.1	16312.6	16636.0	19903.5	25942.3	23.1	27.6	90.6	63.0	
3111 Slaughtering, preparing & preserving meat		7864.0	9306.6	11030.6	13693.0	-522.1	-1244.8	-816.0	2766.7		20.2		70.0	
3112 Dairy products		8246.9	9902.8	9729.3	12903.3	-512.3	-734.6	-1007.2	2069.5		16.0		63.2	
3113 Canning, preserving of fruits & vegetables		1786.8	2140.5	1874.7	1886.3	522.4	476.6	406.5	506.5	29.2	26.9	61.6	68.9	
3114 Canning, preserving and processing of fish		43361.9	49400.3	55783.0	54859.7	13120.8	14506.3	17340.9	16261.3	30.3	29.8	77.6	64.0	
3115 Vegetable and animal oils and fats		-	-	-	-	-	-	-	-	-	-	-	-	
3116 Grain mill products		-	-	-	-	-	-	-	-	-	-	-	-	
3117 Bakery products		3363.3	3641.0	3853.2	4032.0	1736.7	1629.9	1862.6	1991.1	63.1	49.4	66.3	66.5	
3118 Sugar factories and refineries		-	-	-	-	-	-	-	-	-	-	-	-	
3119 Cocoa, chocolate and sugar confectionery		1218.5	1454.1	1597.4	1613.6	616.6	663.4	784.2	732.1	50.6	46.4	47.4	49.1	
3121 Other food products		-	-	-	-	-	-	-	-	-	-	-	-	
3122 Prepared animal feeds		4754.4	5141.3	5193.7	5136.2	1301.5	1239.2	1332.5	1613.1	27.4	31.4	63.1	68.2	
313 Beverages		2982.7	3684.4	4755.1	3816.2	1313.2	1212.3	1348.2	1316.9	44.0	34.6	36.9	56.1	
3131 Distilling, rectifying and blending spirits		-	-	-	-	-	-	-	-	-	-	-	-	
3132 Wine industries		-	-	-	-	-	-	-	-	-	-	-	-	
3133 Malt liquors and malt		-	-	-	-	-	-	-	-	-	-	-	-	
3134 Soft drinks and carbonated waters		2982.7	3684.4	4255.1	3816.2	1313.2	1212.3	1348.2	1316.9	44.0	34.6	36.9	56.1	
314 Tobacco		-	-	-	-	-	-	-	-	-	-	-	-	
321 Textiles		3425.1	3497.0	3345.9	3155.8	1144.3	1218.7	998.1	1126.5	33.4	36.7		62.6	
3211 Spinning, weaving and finishing textiles		916.6	988.4	918.9	570.3	43.7	207.8	133.3	140.0	4.8	24.5		76.1	
3212 Made-up textile goods excl. wearing apparel		269.5	280.9	399.1	376.5	100.4	82.3	92.0	102.1	37.3	27.1	40.2	67.2	
3213 Knitting mills		744.5	514.7	416.7	406.1	258.9	166.2	164.3	190.3	34.8	47.0	77.9	40.0	
3214 Carpets and rugs		-	-	-	-	-	-	-	-	-	-	-	-	
3215 Cordage, rope and twine		1494.5	1713.0	1612.2	1203.9	741.3	773.4	618.6	693.1	49.6	38.4	69.6	66.4	
3219 Other textiles		-	-	-	-	-	-	-	-	-	-	-	-	
322 Wearing apparel, except footwear		1590.0	1727.5	1837.1	1962.6	666.7	678.4	778.5	833.5	41.9	42.5	66.7	92.4	
323 Leather and fur products		831.9	1080.9	1042.4	1128.7	136.8	292.1	611.6	481.6	16.4	42.7		86.2	
3231 Tanneries and leather finishing		786.9	1015.5	965.9	1021.4	116.7	267.0	479.4	429.3	14.7	42.0		89.8	
3232 Fur dressing and dyeing industries		45.0	65.4	86.5	107.3	21.1	25.1	32.1	62.3	46.9	48.7	36.6	56.8	
3233 Leather goods excl. wearing apparel		-	-	-	-	-	-	-	-	-	-	-	-	
324 Footwear, except rubber or plastic		59.8	109.6	106.4	43.3	19.9	38.4	20.5	1.6	33.3	3.7			
331 Wood products, except furniture		196.7	234.1	223.9	217.5	64.3	67.0	69.6	88.8	32.9	40.8	29.9	46.6	
3311 Sawmills, planing and other wood mills		-	-	-	-	-	-	-	-	-	-	-	-	
3312 Wooden and cane containers		196.7	234.1	223.9	217.5	64.3	67.0	69.6	88.8	32.9	40.8	29.9	46.6	
3319 Other wood and cork products		-	-	-	-	-	-	-	-	-	-	-	-	
332 Furniture and fixtures, excl. metal		5889.6	5763.4	6416.6	6169.3	2697.2	2369.0	2679.2	2810.0	49.2	46.5	63.9	76.7	
341 Paper and products		1252.9	1421.5	1601.1	1531.8	466.2	547.2	634.4	666.6	36.4	36.9	72.3	76.7	
3411 Pulp, paper and paperboard articles		1252.9	1421.5	1601.1	1531.8	466.2	547.2	634.4	666.6	36.4	36.9	72.3	76.7	
3412 Containers of paper and paperboard		-	-	-	-	-	-	-	-	-	-	-	-	
3419 Other pulp, paper and paperboard articles		-	-	-	-	-	-	-	-	-	-	-	-	
342 Printing and publishing		8542.9	9136.8	10624.1	10671.7	4694.2	4903.6	5661.9	6336.8	64.9	60.0	62.6	68.3	
351 Industrial chemicals		1929.1	2390.2	2830.8	2436.0	748.3	979.4	1004.4	1000.1	38.8	41.1	60.6	64.1	
3511 Basic chemicals excl. fertilizers		1929.1	2390.2	2830.8	2436.0	748.3	979.4	1004.4	1000.1	38.8	41.1	60.6	64.1	
3512 Fertilizers and pesticides		-	-	-	-	-	-	-	-	-	-	-	-	
3513 Synthetic resins and plastic materials		-	-	-	-	-	-	-	-	-	-	-	-	
352 Other chemicals		2428.0	2659.9	2864.4	2713.3	946.8	850.3	1001.6	1207.4	39.0	44.6	48.4	43.2	
3521 Paints, varnishes and lacquers		1111.5	1214.9	1309.5	1322.6	484.6	464.5	616.2	647.8	43.6	41.4	41.2	61.4	
3522 Drugs and medicines		-	-	-	-	-	-	-	-	-	-	-	-	
3523 Soap, cleaning preps., perfumes, cosmetics		1316.5	1445.0	1554.9	1390.7	462.2	395.8	486.4	659.6	36.1	47.4	66.9	36.4	
3529 Other chemical products		-	-	-	-	-	-	-	-	-	-	-	-	
353 Petroleum refineries		-	-	-	-	-	-	-	-	-	-	-	-	

354 Misc petroleum and coal products	39 0	41 3	49 7	66 5	16 2	13 7	16 7	30 7	41 5	46 2	58 0	63 7
355 Rubber products	-	-	-	-	-	-	-	-	-	-	-	-
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
3559 Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-
356 Plastic products	3246 6	3866 1	3961 4	3976 7	1338 9	1691 0	1617 1	1716 7	41 2	43 2	64 6	62 9
361 Pottery, china, earthenware	93 8	113 1	109 1	106 9	38 0	66 6	25 5	2 0	40 5	1 9	-	-
362 Glass and products	585 8	578 9	639 4	604 7	292 2	211 7	248 0	276 8	49 9	45 8	41 5	67 1
369 Other non-metallic mineral products	4517 0	4836 4	5426 9	5017 7	2212 8	2155 1	2251 0	2292 8	49 0	45 7	60 8	66 1
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
3692 Cement, lime and plaster	763 6	844 2	874 0	657 2	396 7	436 3	451 8	340 1	52 0	51 7	69 8	76 8
3699 Other non-metallic mineral products	3753 4	3992 2	4551 9	4360 5	1816 1	1719 8	1809 2	1962 7	48 4	44 8	48 9	64 4
371 Iron and steel	3099 1	2375 2	1821 1	1918 2	1297 2	636 5	294 4	368 4	41 9	18 7	33 7	-
372 Non-ferrous metals	10113 5	9697 6	8381 4	7994 4	3302 5	2100 8	1050 2	1407 5	32 7	17 5	40 7	97 8
381 Fabricated metal products	10110 1	10130 3	10896 8	10044 7	5072 2	4927 4	5149 1	4118 1	50 2	41 0	69 0	78 0
3811 Cutlery, hand tools and general hardware	-	-	-	-	-	-	-	-	-	-	-	-
3812 Furniture and fixtures primarily of metal	-	-	-	-	-	-	-	-	-	-	-	-
3813 Structural metal products	-	-	-	-	-	-	-	-	-	-	-	-
3819 Other fabricated metal products	-	-	-	-	-	-	-	-	-	-	-	-
382 Non-electrical machinery	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-
3831 Electrical industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-
3832 Radio, television and communication equipm	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	-	-	-	-	-	-	-	-	-	-	-	-
384 Transport equipment	1993 6	2010 5	2258 1	2627 7	1092 5	1149 5	1281 0	1441 5	54 8	57 0	94 2	88 6
3841 Shipbuilding and repairing	1993 6	2010 5	2258 1	2527 7	1092 5	1149 5	1281 0	1441 5	54 8	57 0	94 2	88 6
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	4323 6	5314 1	5257 1	5353 0	1217 0	1594 0	1652 7	1741 5	28 1	32 5	65 7	66 5
3901 Jewellery and related articles	242 8	238 1	259 5	244 6	130 5	118 4	126 0	123 5	53 7	50 6	35 3	63 9
3902 Musical instruments	12 1	19 4	17 2	19 9	6 1	9 7	6 6	9 9	50 4	49 8	18 0	4 5
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n e c	4068 7	5059 5	4980 4	5088 6	1080 4	1465 9	1618 1	1608 1	26 6	31 5	70 7	67 9
3 Total manufacturing	137845 6	151655 4	163006 7	165381 8	45279 0	44007 6	48197 1	54091 1	32 8	32 7	70 8	88 0

a/ 3511 includes 3512

Iceland

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million KRONUR)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products			
313 Beverages			
314 Tobacco			
321 Textiles			
322 Wearing apparel, except footwear			
323 Leather and fur products			
324 Footwear, except rubber or plastic			
331 Wood products, except furniture			
332 Furniture and fixtures, excl. metal			
341 Paper and products			
342 Printing and publishing			
351 Industrial chemicals			
352 Other chemicals			
353 Petroleum refineries			
354 Misc. petroleum and coal products			
355 Rubber products			
356 Plastic products			
361 Pottery, china, earthenware			
362 Glass and products			
369 Other non-metallic mineral products			
371 Iron and steel			
372 Non-ferrous metals			
381 Fabricated metal products			
382 Non-electrical machinery			
383 Electrical machinery			
384 Transport equipment			
386 Professional and scientific equipment			
390 Other manufacturing industries			
3 Total manufacturing			

INDIA

Supplier of information:

Department of Statistics, Ministry of Planning and Programme Implementation, New Delhi. The indices of industrial production are compiled by the Central Statistical Organisation.

Basic source of data:

Annual Survey of Industries

Major deviations from current version of ISIC:

The Indian industrial classification system is based on the preceding version of the ISIC, but the data have been adjusted by the national authorities to correspond with the current version of the ISIC, with three exceptions: the manufacture of inedible oils (part of ISIC 3115) is included in ISIC 352; the manufacture of prime movers, boilers, etc. (part of ISIC 3813) is included in ISIC 382 and the manufacture of electronic computers (part of ISIC 3825) is included in ISIC 383.

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.

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. The indices of industrial production for some industries cover only establishments employing plant and machinery worth two million rupees or more.

Method of enumeration:

Factories employing 100 or more workers are completely enumerated. For factories with less than 100 workers, stratified unistage sampling is used.

Adjusted for non-response:

No.

Concepts and definitions of variables:

Persons engaged 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).

Wages and salaries 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.

Value added is total value added and is net of depreciation.

Related national publications:

Annual Survey of Industries - Summary Results for Factory Sector; Supplement to Annual Survey of Industries - Summary Results for Factory Sector by State Industry, all published by Central Statistical Organisation, Department of Statistics, Ministry of Planning and Programme Implementation, New Delhi.

India

Number of establishments
(numbers)

Number of persons engaged
(thousands)

Wages and salaries paid
to employees
(million rupees)

ISIC Industry	Number of establishments (numbers)				Number of persons engaged (thousands)				Wages and salaries paid to employees (million rupees)			
	1988	1989	1990	1991	1988	1989	1990	1991	1988	1989	1990	1991
311-2 Food products	18581	19342	19760	19721	1021.3	1111.2	1122.3	1124.4	10921	13842	15883	18278
311 Slaughter, preparing & preserving meat	24	25	33	30	2.8	3.2	3.8	4.0	96	142	91	842
3112 Dairy products	356	426	432	465	52.9	60.4	57.9	59.4	1148	1524	1740	1937
3113 Canning, preserving of fruits & vegetables	214	218	203	217	13.0	14.5	16.0	17.2	148	151	164	167
3114 Canning, preserving and processing of fish	180	192	178	183	10.7	12.3	12.1	11.2	108	128	147	157
3115 Vegetable and animal oils and fats	2518	3177	3194	3194	78.1	112.7	105.8	115.0	780	1387	1471	1785
3116 Grain mill products	8938	8892	9238	9198	217.1	230.8	224.2	211.3	1148	1426	1716	1971
3117 Bakery products	727	685	720	725	32.7	30.9	32.2	33.6	536	463	719	745
3118 Sugar factories and refineries	1556	1520	1371	1328	330.0	352.7	345.3	342.9	4900	6178	7063	8195
3119 Cocoa, chocolate and sugar confectionery	681	142	146	135	84.9	38.7	38.3	36.1	328	116	137	173
312 Other food products	3193	3854	4010	3950	193.9	240.7	260.3	307.1	328	2147	2443	2842
3122 Prepared animal feeds	219	-01	237	301	8.4	9.4	10.1	12.3	13	145	200	251
313 Beverages	492	516	570	532	52.1	51.6	56.0	58.8	865	179	1219	1394
3131 Distilling, rectifying and blending spirits	180	218	209	210	21.0	26.6	28.3	28.2	331	485	554	700
3132 Wine industries	35	22	85	45	5.4	3.7	6.0	4.2	86	82	163	96
3133 Malt liquors and malt	83	55	80	78	10.8	7.4	9.7	11.8	242	203	277	340
3134 Soft drinks and carbonated waters	214	221	240	199	14.9	13.9	13.0	12.6	224	258	235	259
314 Tobacco	7231	8572	7878	8299	381.0	469.8	434.3	451.1	2196	2980	2931	3499
32 Textiles	11952	12430	12837	12860	1350.0	1437.7	1403.0	1350.9	22609	26406	29367	30882
321 Spinning, weaving and finishing textiles	10238	10873	10911	10840	1297.0	1385.6	1330.7	1283.8	21902	25418	28103	29684
3212 Made-up textile goods excl. wearing apparel	8819	66	75	96	32.3a/	2.2	2.0	2.9	469a/	36	36	49
3213 Knitting mills	833	918	1021	1058	20.7	30.3	33.7	31.8	238	394	625	494
3214 Carpets and rugs	a/	173	219	185	a/	13.3	8.6	5.9	a/	132	167	107
3215 Cordage, rope and twine	a/	314	335	366	a/	13.0	18.9	13.1	a/	194	331	261
3219 Other textiles	a/	285	275	315	a/	12.2	11.2	13.3	a/	235	215	310
322 Wearing apparel, except footwear	1556	1544	1740	1931	91.0	104.3	111.6	128.1	983	1229	1445	1698
323 Leather and fur products	814	839	925	994	44.0	52.2	48.9	50.3	493	650	712	881
3231 Leatheries and leather finishing	731	748	773	825	41.9	48.7	39.8	43.0	472	623	636	787
3232 Fur dressing and greying industries	83a/				2.1b/				21b/			
3233 Leather prods. excl. wearing apparel	b/	93	152	169		3.6	7.4	7.4		37	75	94
324 Footwear except rubber or plastic	210	284	344	372	41.0	42.7	50.4	47.7	539	685	862	891
331 Wood products, except furniture	3053	3196	3117	3103	68.5	68.6	62.8	59.5	650	656	657	647
3311 Sawmills, planing and other wood mills	2539	2709	2623	2681	59.6	60.3	55.7	53.2	569	532	576	674
3312 Wood and cane containers	305	236	220	184	5.8	3.7	3.1	2.6	55	50	35	31
3319 Other wood and cork products	209	251	274	238	3.1	4.6	4.1	3.7	26	45	46	42
332 Furniture and fixtures, excl. metal	302	325	305	318	8.0	7.6	6.4	7.9	99	106	97	138
341 Paper and products	1935	1967	2163	2111	129.9	136.3	144.3	145.7	2295	2976	3437	3916
3411 Pulp, paper and paperboard articles	808	842	895	839	101.7	107.0	113.9	115.6	1983	2574	2984	3428
3412 Containers of paper and paperboard	917	909	1027	1048	22.2	22.7	24.2	24.7	282	303	356	420
3419 Other pulp, paper and paperboard articles	211	216	241	225	6.0	6.7	6.2	6.5	76	99	87	87
342 Printing and publishing	3024	3131	3136	3111	146.0	141.4	145.8	147.4	3039	3484	3949	4633
351 Industrial chemicals	1977	2022	2220	2175	210.0	217.8	225.4	220.8	5910	6148	10006	10732
3511 Basic chemicals excl. fertilizers	1819	1864	1377	1405	81.3	86.6	92.9	93.5	2389	2602	3103	3708
3512 Fertilizers and pesticides	594	556	579	506	84.7	94.4	86.7	83.4	2956	3886	4299	4605
3513 Synthetic resins and plastic materials	264	252	274	261	43.9	36.9	45.6	43.9	1656	1680	2204	2425
352 Other chemicals	4959	4559	4695	5079	363.9	350.4	327.9	351.2	8295	9122	9435	10913
3521 Paints, varnishes and lacquers	722	820	853	939	36.0	40.3	40.2	47.3	1085	1353	1618	1933
3522 Drugs and medicines	1954	1699	1784	1886	135.4	139.5	134.6	148.4	4236	4720	4934	5761
3523 Soap, cleaning preps, perfumes, cosmetics	713	787	802	808	47.6	55.3	50.5	50.6	1163	1313	1350	1261
3529 Other chemical products	1980	1253	1246	1445	144.9	114.3	102.7	115.0	1813	1735	1627	1968
353 Petroleum refineries	43	57	79	82	18.0	19.8	22.2	21.5	984	1081	1257	1466

354 Misc petroleum and coal products	463	532	515	511	36 0	36 4	36 1	36 6	906	1012	1101	1223
355 Rubber products	1691	1908	1997	2078	98 9	110 2	112 5	112 7	2202	2589	3019	3103
3551 Tyres and tubes	378	361	374	376	49 6	61 5	66 0	60 1	1401	1647	1868	1777
3559 Other rubber products	1313	1547	1623	1703	49 3	58 8	57 6	62 5	801	1043	1161	1326
356 Plastic products	2463	2650	2694	2963	76 0	74 8	82 7	89 5	1066	1286	1486	1792
361 Pottery, china, earthenware	607	537	532	557	31 0	32 8	28 2	30 5	449	660	565	669
362 Glass and products	596	626	598	628	53 0	57 2	53 4	65 9	733	1054	964	1378
369 Other non-metallic mineral products	7922	7875	8311	8734	354 3	365 0	360 5	368 5	4456	5013	5537	6378
3691 Structural clay products	3486	3515	3674	3976	157 3	159 3	168 1	169 6	1249	1413	1636	1886
3692 Cement, lime and plaster	558	551	612	616	81 7	85 3	82 8	83 0	1833	2078	2293	2583
3699 Other non-metallic mineral products	3878	3809	4025	4142	116 3	110 3	109 5	116 9	1384	1626	1606	1910
371 Iron and steel	5141	3116	3304	3108	656 0	421 0	467 3	416 4	14370	13437	15636	11610
372 Non-ferrous metals	1062	2737	2710	2989	66 0	175 9	161 7	186 3	1701	4067	4103	6423
381 Fabricated metal products	6335	6683	6964	6890	221 6	224 2	233 1	231 0	4243	4151	5041	6428
3811 Cutlery, hand tools and general hardware	2660	2748	2796	2674	71 6	74 9	71 7	72 6	1094	1294	1381	1622
3812 Furniture and fixtures primarily of metal	284	383	388	330	13 8	7 0	3	6 1	619	111	119	103
3813 Structural metal products	826	857	998	960	48 3	46 0	58 0	60 9	1044	901	1607	1367
3819 Other fabricated metal products	2565	2696	2783	2926	87 9	96 3	96 1	101 5	1485	1846	2034	2338
382 Non-electrical machinery	7711	8079	8067	8168	445 8	472 4	478 2	481 7	10819	13826	15227	17000
3821 Engines and turbines	902	783	763	807	73 9	70 9	60 2	63 2	2173	2354	1991	2318
3822 Agricultural machinery and equipment	775	893	853	774	43 7	37 8	42 4	38 4	1063	1024	1464	1325
3823 Metal and wood working machinery	1051	1049	993	944	45 1	52 0	46 2	47 5	1150	1616	1479	1744
3824 Other special industrial machinery	2540	2761	2789	2687	144 4	144 9	146 7	143 7	3248	3826	4170	4651
3825 Office, computing and accounting machinery	115	230	257	260	7 9	26 0	27 3	30 3	188	884	1023	1182
3829 Other non-electrical machinery & equipment	2328	2363	2432	2696	129 7	140 8	155 3	158 6	2998	4223	5110	5782
383 Electrical machinery	4496	4658	4856	4835	379 8	366 5	389 4	391 5	10464	11277	13090	14846
3831 Electrical industrial machinery	1378	1587	1706	1783	132 7	139 6	164 9	160 5	4261	5063	6228	7405
3832 Radio, television and communication equipm	1178	1134	1173	1193	107 2	116 1	114 8	117 9	2687	3336	3602	3932
3833 Electrical appliances and housewares	939	630	682	631	44 0	20 9	27 4	23 9	882	420	578	579
3839 Other electrical apparatus and supplies	1001	1307	1296	1228	95 9	90 0	92 3	89 2	2634	2460	2782	2930
384 Transport equipment	3345	4830	4890	5213	511 5	600 5	644 5	670 0	14083	18523	21254	24908
3841 Shipbuilding and repairing	113	146	151	186	17 9	28 2	18 2	21 3	469	871	542	655
3842 Railroad equipment	286	255	285	310	187 9	174 2	196 9	214 0	6092	5021	5983	7226
3843 Motor vehicles	1498	2726	2832	3051	187 6	275 7	289 5	311 1	5876	9390	10943	12517
3844 Motorcycles and bicycles	1151	1243	1177	1242	91 2	98 5	106 1	98 1	1818	2403	2891	2946
3845 Aircraft	19	20	22	19	8 3	7 5	6 1	9 6	476	560	498	667
3849 Other transport equipment	278	440	423	406	18 7	16 4	17 8	16 0	393	278	397	396
385 Professional and scientific equipment	840	825	739	861	51 1	50 9	49 4	50 1	1081	1124	1340	1432
3851 Prof and scientific equipment n e c	512	499	458	501	31 6	27 0	28 4	25 4	670	613	792	716
3852 Photographic and optical goods	93	107	120	118	2 0	2 9	3 1	3 3	27	67	66	103
3853 watches and clocks	235	219	161	242	17 5	21 0	18 9	21 4	386	464	483	612
390 Other manufacturing industries	952	970	1020	982	36 2	39 2	42 9	46 5	613	754	808	997
3901 Jewellery and related articles	298	270	255	259	10 0	12 1	19 2	21 1	96	176	421	465
3902 Musical instruments	15	11	16	10	1 4	1 3	1 5	1 2	34	36	44	47
3903 Sporting and athletic goods	72	75	78	63	2 5	2 5	2 7	2 3	38	35	41	40
3909 Manufacturing industries, n e c	567	614	671	650	22 2	23 3	19 6	21 9	446	510	302	445
3 Total manufacturing	99724	104760	106966	109195	6843 8	7227 5	7299 2	7360 6	128091	161090	170419	186062

a/ 3212 includes 3214, 3215 and 3219

b/ 3232 includes 3233.

354 Misc petroleum and coal products	21300	22139	19851	27445	3496	2380	2663	3899	16.4	14.2	26.9	31.4
355 Rubber products:	40584	42584	53237	51490	8411	7013	9907	9485	20.7	18.4	26.2	32.7
3551 Tyres and tubes	23729	28598	31223	32505	5655	4813	5655	7019	23.5	21.6	28.2	35.3
3559 Other rubber products	16855	13666	22014	18985	2846	2140	4084	2467	18.9	13.0	26.1	53.7
356 Plastic products	22100	6937	32771	40914	3388	3439	5201	6184	15.2	15.1	31.7	29.1
361 Pottery, china, earthenware	2800	3212	3420	4337	875	908	932	970	31.3	22.4	51.3	67.9
362 Glass and products	5900	9886	8757	14480	1451	2179	1943	3292	24.6	22.8	50.5	41.9
369 Other non-metallic mineral products	55958	64552	80014	102542	10519	13178	19536	28923	18.8	27.8	42.6	22.4
3691 Structural clay products	8892	9221	1308	14751	2226	2306	2911	3788	25.0	26.7	56.1	49.8
3692 Cement, lime and plaster	33189	36017	50281	64477	5381	6992	12430	19408	16.2	30.2	34.1	13.3
3699 Other non-metallic mineral products	13677	17434	18464	23313	2912	3860	4296	5281	21.0	22.7	47.5	36.2
371 Iron and steel	199500	219547	274444	275936	34479	29887	44654	25140	17.3	9.1	41.7	45.8
372 Non-ferrous metals	38400	65018	64527	84602	8620	13510	11442	15706	18.2	18.6	25.7	34.6
381 Fabricated metal products	40547	49278	58551	66098	9836	9854	10745	13335	24.3	20.2	43.1	40.7
3811 Cutlery, hand tools and general hardware	9548	12425	15112	18258	2848	2848	3079	3636	26.7	22.4	42.8	44.5
3812 Furniture and fixtures primarily of metal	4137	793	774	1002	1936	187	185	181	46.8	18.1	32.0	56.9
3813 Structural metal products	7010	7267	11029	14350	1493	1970	2054	2837	21.3	19.8	69.9	48.2
3819 Other fabricated metal products	19852	28193	31836	34490	3853	5280	5445	6682	19.4	19.4	38.6	35.0
382 Non-electrical machinery	97481	137356	168599	182971	21229	31172	35209	42322	21.8	23.1	51.0	40.2
3821 Engines and turbines	21283	24732	24469	4284	4284	4938	4664	5857	20.1	20.1	50.7	79.6
3822 Agricultural machinery and equipment	13561	15029	21852	21505	2293	2795	4298	4138	16.9	19.2	45.9	32.0
3823 Metal and wood working machinery	6571	9128	9542	9918	1845	2555	2734	3009	28.1	30.3	67.8	58.0
3824 Other special industrial machinery	29051	39170	43849	48234	6111	8540	9222	10667	21.0	21.9	53.2	44.0
3825 Office, computing and accounting machinery	1139	12202	12227	119495	410	3108	3108	4918	35.0	25.2	45.9	24.0
3829 Other non-electrical machinery & equipment	25866	37097	46670	54629	6286	9236	11659	13834	24.3	26.3	47.7	41.8
383 Electrical machinery	115960	133084	165713	172590	26559	30213	35151	41003	22.9	23.8	39.4	35.2
3831 Electrical industrial machinery	37259	46365	60336	67620	9774	12564	16876	17958	26.2	26.6	43.6	41.2
3832 Radio, television and communication equip	30780	43119	43915	53211	6606	9608	8859	12988	21.6	24.4	40.7	30.3
3833 Electrical appliances and housewares	9732	6066	8878	7915	1887	583	1416	1169	20.4	14.8	44.4	49.6
3839 Other electrical apparatus and supplies	38189	37534	42584	43845	8194	7158	8011	8871	21.6	20.2	32.1	33.0
384 Transport equipment	110755	141791	170224	173405	23307	31059	41553	43316	21.0	25.0	60.4	57.9
3841 Shipbuilding and repairing	1413	3624	2985	4447	527	579	753	947	37.3	21.3	89.0	69.2
3842 Railroad equipment	17561	19073	21531	27824	4570	7235	8253	7751	26.0	28.0	59.0	92.9
3843 Motor vehicles	59033	82205	57490	53491	13210	18589	24008	25735	22.4	27.5	44.5	49.8
3844 Motorcycles and bicycles	24208	30177	41506	41333	3343	3601	4705	5281	13.6	17.2	54.4	41.4
3845 Aircraft	5397	3853	2594	3088	591	649	606	1022	15.5	32.5	47.9	84.3
3849 Other transport equipment	2143	2849	3817	3243	660	537	668	720	30.8	22.2	59.5	55.0
385 Professional and scientific equipment	7707	9410	12311	13555	2235	2805	2890	3754	29.0	27.7	48.3	38.1
3851 Prof and scientific equipment n e c	4624	4620	7116	6139	1383	1453	1875	1728	29.8	28.1	49.2	41.4
3852 Photographic and optical goods	255	530	539	714	71	143	160	190	27.8	21.0	36.0	58.7
3853 Watches and clocks	2828	4260	4658	6703	806	1210	910	1875	28.5	28.0	47.2	31.6
390 Other manufacturing industries	5898	10652	9713	13895	1226	1875	1604	2977	20.8	21.4	50.0	33.5
3901 Jewellery and related articles	1655	5017	3959	7192	366	473	627	1627	19.7	21.3	26.3	30.6
3902 Musical instruments	149	293	368	478	18	93	94	174	12.1	35.4	48.7	27.0
3903 Sporting and athletic goods	388	453	595	855	78	116	141	185	19.6	22.5	48.7	28.4
3909 Manufacturing industries, n e c	3496	4895	4791	5632	765	1013	922	1135	21.9	20.2	58.3	39.2
3 - Total manufacturing	1667357	2088385	2459515	2703803	295243	369352	432994	471663	17.7	17.4	43.4	39.4

b/ 3232 includes 3233.

a/ 3212 includes 3214, 3215 and 3219

India

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million RUPEES)					(1980=100)								
		1988	1989	1990	1991		1988	1989	1990	1991	1992	1993			
311 Food Products		7813	13927	12531	...		127	124	140	151	151	170	178	181	169
313 Beverages		1975	1210	1799	...	a/	155	148	116	123	140	139	162	148	171
314 Tobacco		838	357	552	...	a/	...	...	...	...	...	...	...	...	...
321 Textiles		7704	12179	18258	...		109	107	116	107	108	122	132	138	149
322 Wearing apparel, except footwear		629	710	830	...	b/	145	142	123	167	188	167	144	125	118
323 Leather and fur products		328	383	529	...		118	109	126	118	119	136	122	118	148
324 Footwear, except rubber or plastic		369	273	688	...	b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		754	325	286	...		130	133	103	96	97	108	110	103	112
332 Furniture and fixtures, excl. metal		31	10	20	...		...	...	...	...	...	...	...	...	...
341 Paper and products		2986	2769	5271	...		156	174	181	183	194	208	271	236	237
342 Printing and publishing		1127	710	1900	...		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		14717	20259	19903	...		172	199	216	261	264	287	300	348	377
352 Other chemicals		4485	6157	8785	...		127	149	183	204	222	234	223	209	216
353 Petroleum refineries		3806	3696	6596	...		162	176	186	191	206	206	206	218	214
354 Misc. petroleum and coal products		529	883	940	...		...	...	...	...	...	...	...	...	...
355 Rubber products		2510	2521	3488	...		126	123	104	133	146	158	166	163	169
356 Plastic products		1063	1339	2368	...		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		866	513	273	...		...	...	...	...	...	...	...	...	...
362 Glass and products		644	842	537	...		...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		8395	7933	7988	...		176	172	184	186	194	198	198	197	196
371 Iron and steel		16280	20516	38202	...		133	140	155	163	161	176	190	191	197
372 Non-ferrous metals		3207	3643	3463	...		140	148	160	214	220	214	236	223	263
381 Fabricated metal products		1552	1990	3412	...		130	139	160	164	160	189	166	147	144
382 Non-electrical machinery		4791	7872	9656	...		127	131	136	150	158	180	177	178	180
383 Electrical machinery		8836	6038	8930	...		193	220	320	343	383	531	496	533	446
384 Transport equipment		6731	7693	9171	...		131	138	149	151	173	190	184	193	202
385 Professional and scientific equipment		996	1044	1062	...		86	107	267	258	281	284	221	210	218
390 Other manufacturing industries		278	389	371	...		46	64	31	48	49	37	38	39	49
3 Total manufacturing		104239	126171	167786	...		...	...	...	...	...	...	...	...	...

a/ 313 includes 314

b/ 322 includes 324

INDONESIA

Supplier of information:

Central Bureau of Statistics, Jakarta.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Large establishments (with 100 or more persons engaged) and medium scale establishments (with 20-99 persons engaged). Prior to 1989 petroleum manufacturing activities (ISIC 353 and 354) are excluded. Since 1990 ISIC 353 and manufacturing activities on agricultural estates producing tea, tobacco and rubber are excluded.

Method of enumeration:

Establishments are completely enumerated. For provinces where establishments are concentrated, the enquiry is carried out by field enumerators through direct interviews, elsewhere it is carried out by mail.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Wages and salaries is compensation of employees.

Output is gross output and includes: (a) value of all products of the establishment; (b) net change in the value of semi-finished goods and work in progress during the year; (c) receipts from industrial and non-industrial services rendered to others; (d) the value of goods shipped in the same condition as received; and (e) the value of electricity sold.

Value added is total value added.

Gross fixed capital formation is not adjusted for the value of sales and disposals of used fixed assets.

Related national publications:

Industrial Statistics (Survey of Manufacturing Industries) Volumes I and II (annual), published by the Central Bureau of Statistics, Jakarta.

Indonesia

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(billion RUPIAHS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		3193	3512	3372	3610		358.7	392.9	438.6	466.7		534.0	410.8	506.3	610.3
3111 Slaughtering, preparing & preserving meat		36	33	30	30		4.6	4.6	2.6	2.6		6.0	4.5	3.8	4.4
3112 Dairy products		29	34	33	31		4.7	5.1	5.4	5.4		19.2	14.5	23.9	25.5
3113 Canning, preserving of fruits & vegetables		13	25	30	38		9.0	11.2	13.6	8.6		5.0	7.7	32.4	10.5
3114 Canning, preserving and processing of fish		192	229	269	316		23.6	28.7	41.2	48.6		22.9	25.3	38.7	50.1
3115 Vegetable and animal oils and fats		228	245	224	252		46.6	57.3	58.2	60.0		96.0	62.5	67.8	81.9
3116 Grain mill products		490	507	474	517		41.2	39.7	44.5	52.6		75.6	37.5	42.8	54.8
3117 Bakery products		253	644	619	652		20.9	39.6	41.5	47.2		19.0	36.5	40.1	59.0
3118 Sugar factories and refineries		57	126	105	109		74.1	75.6	73.5	74.9		149.3	93.7	100.5	109.6
3119 Cocoa, chocolate and sugar confectionery		99	105	104	103		9.1	10.5	11.2	13.0		10.6	12.1	17.0	21.9
3121 Other food products		1739	1370	1289	1357		115.3	67.6	75.4	79.9		109.1	74.4	89.4	108.4
3122 Prepared animal feeds		77	194	195	205		9.6	53.1	73.6	73.9		21.0	43.2	49.9	84.2
313 Beverages		162	143	144	180		12.3	12.6	16.5	16.7		31.0	20.6	31.2	30.4
3131 Distilling, rectifying and blending spirits		4	3	4	5		0.3	0.1	0.2	0.2		0.3	0.1	0.2	0.1
3132 Wine industries		11	12	14	15		0.9	1.2	1.3	1.5		1.3	2.4	2.9	3.7
3133 Malt liquors and malt		5	9	9	12		1.4	1.9	1.9	1.9		8.5	6.6	6.8	10.0
3134 Soft drinks and carbonated waters		142	119	117	148		9.9	9.3	13.1	13.1		20.7	11.5	21.4	18.6
314 Tobacco		905	961	943	902		213.2	204.9	183.3	182.8		176.0	160.9	191.8	206.8
321 Textiles		2160	1828	1794	1801		396.6	414.7	477.5	543.4		416.0	392.1	615.8	865.4
3211 Spinning, weaving and finishing textiles		1546	1183	1187	1270		313.6	322.3	370.1	415.0		330.3	307.7	406.7	682.6
3212 Made-up textile goods excl. wearing apparel		246	229	212	211		20.3	31.8	30.3	32.3		13.7	26.5	29.4	34.4
3213 Knitting mills		250	263	237	233		53.0	44.8	59.1	75.1		63.7	43.8	75.0	113.4
3214 Carpets and rugs		10	10	11	10		1.2	1.4	1.9	1.9		2.6	2.2	2.6	3.0
3215 Cordage, rope and twine		21	46	44	51		2.5	9.3	9.1	10.5		2.2	9.3	9.2	13.4
3219 Other textiles		87	97	103	26		5.0	5.1	7.0	8.6		3.4	2.4	8.1	8.6
322 Wearing apparel, except footwear		837	1766	1699	1870		128.7	241.3	275.7	317.3		138.0	234.0	291.9	496.5
323 Leather and fur products		91	130	161	167		6.8	12.9	20.7	22.0		7.0	12.4	22.7	31.1
3231 Tanneries and leather finishing		58	66	63	67		5.1	7.3	6.0	7.9		6.8	7.1	7.6	11.4
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prod. excl. wearing apparel		33	64	98	100		1.8	5.6	14.7	14.1		1.7	6.3	16.1	19.7
324 Footwear, except rubber or plastic		160	234	281	314		26.1	59.4	129.7	193.2		36.0	87.0	134.5	276.9
331 Wood products, except furniture		1337	1340	1253	1405		316.7	325.6	341.7	370.2		492.0	418.1	468.9	634.1
3311 Sawmills, planing and other wood mills		915	1006	971	1078		247.9	287.0	306.6	328.5		436.9	390.0	437.9	492.6
3312 Wooden and cane containers		23	22	27	36		1.9	0.7	1.2	2.6		1.4	0.7	1.1	2.1
3319 Other wood and cork products		399	312	255	291		66.8	37.9	33.9	39.2		63.8	27.4	29.8	39.4
332 Furniture and fixtures, excl. metal		367	606	695	722		26.4	79.4	102.3	103.2		30.0	75.6	122.1	128.9
341 Paper and products		145	184	217	258		34.0	43.2	50.0	73.8		70.0	77.1	106.7	173.3
3411 Pulp, paper and paperboard articles		57	99	109	124		23.1	33.9	45.0	64.3		60.9	64.2	82.6	136.4
3412 Containers of paper and paperboard		43	59	81	107		6.5	7.8	12.1	17.7		8.7	11.2	21.7	35.1
3419 Other pulp, paper and paperboard articles		45	26	27	27		4.6	1.5	1.8	1.7		10.4	1.7	2.4	2.9
342 Printing and publishing		494	518	486	500		38.7	43.4	43.2	44.8		93.0	80.8	92.1	108.1
351 Industrial chemicals		159	304	285	307		33.2	50.3	50.4	54.0		164.0	157.4	185.9	206.5
3511 Basic chemicals excl. fertilizers		124	182	171	196		14.2	16.0	16.1	19.1		36.7	29.4	38.7	64.0
3512 Fertilizers and pesticides		17	69	60	62		18.4	25.9	25.4	25.6		127.0	109.4	123.0	122.0
3513 Synthetic resins and plastic materials		18	53	54	49		0.7	8.4	8.9	9.2		0.8	18.7	24.2	29.6
352 Other chemicals		574	560	529	545		84.6	84.4	86.7	94.3		227.0	199.2	235.4	294.2
3521 Paints, varnishes and lacquers		71	83	76	78		7.1	7.6	7.8	8.3		13.7	13.9	17.6	39.8
3522 Drugs and medicines		209	215	217	223		34.6	36.5	37.9	40.9		126.7	116.8	133.3	153.7
3523 Soap, cleaning preps, perfumes, cosmetics		134	161	142	141		19.1	23.8	24.1	26.9		40.5	40.2	47.8	64.8
3529 Other chemical products		160	101	94	103		23.9	16.4	16.9	16.2		46.1	28.2	30.7	35.9
353 Petroleum refineries															

354 Misc petroleum and coal products	5	9	11	0.7	1.6	0.9	1.3	3.6	1.9			
355 Rubber products	466	511	468	128.1	166.8	134.6	198.0	171.1	152.4	206.3		
3551 Tyres and tubes	35	56	51	13.6	17.6	16.6	32.0	32.0	31.3	67.8		
3559 Other rubber products	431	455	417	114.6	148.2	119.1	166.7	139.1	121.1	147.6		
356 Plastic products	663	679	702	70.2	81.7	103.7	75.0	78.6	116.6	341.8		
361 Pottery, china, earthenware	52	65	76	17.7	23.6	30.9	22.0	30.0	41.2	62.9		
362 Glass and products	41	44	62	12.3	14.1	19.2	27.0	26.1	38.0	39.4		
369 Other non-metallic mineral products	1133	1218	1265	77.7	76.0	78.6	96.0	91.3	116.6	167.9		
3691 Structural clay products	542	549	612	21.2	21.9	22.3	13.0	22.6	16.9	26.2		
3692 Cement, lime and plaster	84	93	89	16.2	16.6	16.4	48.3	16.6	51.1	69.8		
3699 Other non-metallic mineral products	507	576	564	40.3	36.6	39.8	33.3	62.1	48.6	72.9		
371 Iron and steel	42a/	62	74	21.2a/	26.4	27.6	91.0a/	63.4	70.0	100.0		
372 Non-ferrous metals	a/	33	42	a/	7.3	9.9	a/	16.8	26.4	32.8		
381 Fabricated metal products	588	632	647	72.6	80.4	96.4	134.0	121.7	211.3	340.4		
3811 Cutlery, hand tools and general hardware	86	140	140	7.6	20.1	21.8	9.7	18.9	34.6	40.2		
3812 Furniture and fixtures primarily of metal	58	72	75	5.7	6.6	8.4	8.4	8.1	14.1	26.2		
3813 Structural metal products	183	117	130	29.6	14.9	20.4	76.1	37.2	49.9	46.7		
3819 Other fabricated metal products	251	303	302	29.7	36.9	44.7	39.8	57.6	112.9	228.3		
382 Non-electrical machinery	198	208	221	19.6	30.6	33.1	46.0	67.1	78.9	94.7		
3821 Engines and turbines	14	17	25	2.6	2.9	3.3	6.6	7.3	10.6	10.6		
3822 Agricultural machinery and equipment	14	17	21	2.3	2.4	3.1	3.0	3.3	5.3	5.3		
3823 Metal and wood working machinery	7	10	19	2.1	2.6	1.6	3.8	5.6	3.8	3.8		
3824 Other special industrial machinery	87	102	91	8.5	9.7	8.3	16.1	26.3	16.9	16.9		
3825 Office, computing and accounting machinery	5	5	6	0.3	0.2	0.9	0.6	0.4	2.9	2.9		
3829 Other non-electrical machinery & equipment	81	70	86	14.8	16.3	17.6	29.2	37.1	56.1	56.1		
383 Electrical machinery	236	266	293	62.9	64.8	73.4	106.0	102.1	142.8	196.6		
3831 Electrical industrial machinery	176	53	67	33.6	4.8	4.9	81.3	8.0	12.3	14.9		
3832 Radio, television and communication equipm.	60b/	80	97	19.4b/	27.0	36.1	24.8b/	43.9	56.6	94.7		
3833 Electrical appliances and housewares	b/	16	17	b/	1.8	2.9	b/	1.7	5.7	7.9		
3839 Other electrical apparatus and supplies	b/	118	130	b/	26.2	30.6	b/	48.6	69.3	79.1		
384 Transport equipment	390	436	441	76.6	86.4	98.8	199.0	172.4	220.9	269.8		
3841 Shipbuilding and repairing	124	141	142	16.6	16.7	14.3	39.4	32.3	40.6	68.1		
3842 Railroad equipment	-	3	5	-	0.8	0.8	-	1.7	2.6	2.4		
3843 Motor vehicles	182	196	204	31.2	38.0	51.6	89.7	74.0	106.8	110.8		
3844 Motorcycles and bicycles	24	94	88	7.2	17.6	17.4	26.9	26.2	29.2	39.6		
3845 Aircraft	-	1	1	-	14.6	14.8	-	38.2	41.9	48.8		
3849 Other transport equipment	60	1	1	20.6	-	-	44.1	-	-	-		
385 Professional and scientific equipment	44	53	56	3.6	3.3	3.8	4.3	4.2	6.0	13.9		
3851 Prof and scientific equipment n.e.c.	-	32	34	-	1.6	1.5	-	2.3	2.6	4.2		
3852 Photographic and optical goods	-	5	5	-	0.4	0.4	-	0.7	0.8	6.6		
3853 Watches and clocks	-	16	17	-	1.6	1.8	-	1.1	1.8	3.3		
390 Other manufacturing industries	239	242	289	22.0	30.3	46.6	28.0	29.6	48.9	61.3		
3901 Jewellery and related articles	32	58	59	1.4	3.1	4.1	1.3	3.7	6.9	8.2		
3902 Musical instruments	5	5	6	0.6	0.6	0.7	2.1	0.9	0.8	1.7		
3903 Sporting and athletic goods	27	28	32	2.0	2.3	2.6	1.4	1.8	2.6	6.1		
3909 Manufacturing industries, n.e.c.	176	161	192	16.2	24.3	38.2	23.4	23.1	39.7	46.3		
3 Total manufacturing	14676c/	16540d/	16494d/	17770d/	2247.1c/	2649.4d/	2981.1d/	3298.1d/	3439.3c/	3289.6d/	4276.4d/	5869.1d/

a/ 371 includes 372.
c/ Excluding major groups 353 and 354

b/ 3832 includes 3833 and 3839
d/ Excluding ISIC 353.

Indonesia

ISIC Industry	Note	Output in producers' prices (billion RUPIAHS)				Note	Value added in factor values (billion RUPIAHS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311 2 Food Products		8489 0	10390 5	12099 9	16417 4		1994 0	3519 2	4317 4	5783 0	23 5	35 2	26 8	10 6
3111 Slaughtering, preparing & preserving meat		81 7	75 6	59 4	79 9		21 2	22 2	10 8	21 2	26 0	26 6	28 3	20 7
3112 Dairy products		571 5	674 0	885 4	987 5		87 1	117 7	176 7	211 8	15 2	21 4	22 0	12 1
3113 Canning, preserving of fruits & vegetables		77 3	95 0	198 5	250 8		31 1	37 7	73 9	84 0	39 9	32 7	16 2	12 5
3114 Canning, preserving and processing of fish		860 9	1008 2	1412 4	1769 6		138 9	169 9	229 2	325 6	16 1	18 4	16 5	15 4
3115 Vegetable and animal oils and fats		1769 9	1879 5	1847 7	3227 9		450 3	494 0	466 5	627 3	25 4	19 4	21 3	13 0
3116 Grain mill products		1186 5	1178 0	1437 3	1480 6		196 8	177 3	254 4	271 5	16 6	18 3	38 4	20 2
3117 Bakery products		167 1	1477 2	1581 4	2629 1		40 0	1116 2	1236 2	2005 9	23 9	76 3	47 6	2 9
3118 Sugar factories and refineries		1375 8	1684 3	1608 6	1959 6		246 0	674 5	1030 9	922 9	17 9	47 1	60 7	11 9
3119 Cocoa, chocolate and sugar confectionery		139 8	211 5	287 6	340 1		21 8	49 5	70 2	98 3	15 6	28 9	48 6	22 2
3121 Other food products		1251 8	1682 3	2320 6	3183 2		509 2	505 6	634 0	980 5	40 7	30 8	21 4	11 1
3122 Prepared animal feeds		1006 4	424 9	361 0	503 1		251 7	166 4	134 5	234 0	25 0	46 5	8 3	36 0
313 Beverages		455 0	454 5	558 7	794 8		123 0	206 2	262 1	395 4	27 0	49 7	25 2	7 7
3131 Distilling, rectifying and blending spirits		2 1	0 7	1 9	0 8		0 7	0 4	1 1	0 2	35 2	28 1	45 0	52 9
3132 Wine industries		14 6	36 8	41 6	59 9		2 9	12 0	11 3	18 1	20 2	30 2	45 4	20 6
3133 Malt liquors and malt		152 2	168 7	194 9	277 4		42 2	112 1	132 5	221 9	27 7	80 0	20 3	4 5
3134 Soft drinks and carbonated waters		285 8	248 2	320 2	456 7		76 8	81 7	117 2	155 1	26 9	34 0	27 0	10 7
314 Tobacco		5771 0	5833 2	5771 3	7326 6		1764 0	3191 3	3193 3	4218 5	30 6	57 6	10 0	4 9
321 Textiles		7156 0	7880 6	10471 0	13347 3		2119 0	2407 3	2919 5	4092 4	29 6	30 7	19 6	20 9
3211 Spinning, weaving and finishing textiles		6232 9	6789 2	8663 9	10676 5		1803 7	2052 3	2421 3	3250 8	28 9	30 4	18 3	21 0
3212 Made-up textile goods excl. wearing apparel		131 0	296 6	370 7	370 7		38 3	76 9	70 8	121 3	29 2	32 7	35 9	28 4
3213 Knitting mills		671 4	599 7	1049 9	1927 8		234 8	200 1	303 4	594 9	35 0	30 9	27 1	19 1
3214 Carpets and rugs		48 5	78 0	64 2	110 0		16 5	37 9	22 4	49 1	34 1	44 6	15 3	6 1
3215 Cordage, rope and twine		25 6	80 2	99 1	122 0		6 5	25 4	33 0	42 2	25 4	34 6	34 3	31 7
3219 Other textiles		46 6	36 8	305 3	140 3		19 0	14 8	68 5	34 2	40 7	24 4	17 7	25 3
322 Wearing apparel, except footwear		1260 0	2362 3	2827 8	4639 2		427 0	843 3	936 7	1528 0	33 9	32 9	32 3	32 4
323 Leather and fur products		131 0	242 1	458 6	493 1		23 0	79 1	173 6	176 1	17 6	35 7	30 4	17 6
3231 Tanneries and leather finishing		111 6	186 9	302 4	315 4		18 7	66 6	121 3	108 3	16 8	33 7	31 0	10 7
3232 Fur dressing and dyeing industries														
3233 Leather prod. excl. wearing apparel		19 6	55 2	156 2	77 7		4 6	12 5	52 3	69 8	23 6	39 3	37 0	28 2
324 Footwear, except rubber or plastic		303 0	699 6	1286 5	2713 2		144 0	348 0	452 4	1077 7	47 5	39 7	25 0	25 7
331 Wood products, except furniture		6441 0	7334 4	9289 6	10386 3		2145 0	2546 1	3117 9	3866 7	33 3	37 2	22 9	13 8
3311 Sawmills, planing and other wood mills		6093 6	7103 1	9006 7	10057 2		2021 6	2468 6	2993 8	3718 6	33 2	37 0	21 6	13 2
3312 Wooden and cane containers		15 4	7 2	10 4	18 5		3 6	2 2	4 3	5 7	21 7	30 8	38 7	37 4
3319 Other wood and cork products		330 7	224 1	272 5	310 6		120 3	85 3	119 8	142 5	36 4	45 9	44 8	27 6
332 Furniture and fixtures, excl. metal		200 0	578 8	959 0	1114 8		77 0	216 1	365 7	466 8	38 5	41 9	39 0	27 6
341 Paper and products		1684 0	2481 7	3376 0	4052 5		410 0	878 9	1313 8	1446 7	24 3	35 7	17 1	12 0
3411 Pulp, paper and paperboard articles		1352 4	2215 4	2945 6	3393 5		330 3	823 1	1201 5	1266 7	24 4	37 3	15 4	10 7
3412 Containers of paper and paperboard		148 5	239 0	386 6	632 5		30 8	48 9	99 6	171 3	20 8	27 1	28 2	20 5
3419 Other pulp, paper and paperboard articles		182 5	27 3	43 7	26 5		48 9	6 9	12 8	8 7	26 8	32 7	21 2	33 1
342 Printing and publishing		715 0	911 4	1048 6	1235 4		237 0	275 9	336 3	546 0	33 1	44 2	39 2	19 8
351 Industrial chemicals		2329 0	4211 1	5072 7	6488 1		724 0	1265 7	1843 2	2603 7	31 1	40 1	22 7	7 9
3511 Basic chemicals excl. fertilizers		749 8	1001 7	1260 6	1494 4		193 8	328 2	356 7	541 2	25 8	35 2	18 4	10 0
3512 Fertilizers and pesticides		1558 2	2087 3	2454 8	2615 3		520 4	628 0	889 0	1086 4	33 4	40 8	24 4	11 4
3513 Synthetic resins and plastic materials		20 5	1122 1	1357 2	2378 4		9 9	311 5	598 6	996 1	48 5	41 9	7 6	3 0
352 Other chemicals		2612 0	3080 6	4255 0	4169 1		746 0	986 6	1507 3	1214 5	28 6	29 1	30 4	1 2
3521 Paints, varnishes and lacquers		188 9	247 3	458 8	469 7		42 0	66 9	134 2	99 9	22 2	21 3	32 8	39 9
3522 Drugs and medicines		987 9	1292 6	1934 7	1480 8		318 9	604 7	880 5	508 8	32 3	34 4	39 7	30 2
3523 Soap, cleaning preps, perfumes, cosmetics		562 0	806 9	1091 8	1211 7		156 5	176 0	216 3	259 2	27 9	21 4	25 9	25 0
3529 Other chemical products		872 8	733 8	769 6	1006 9		228 4	239 0	276 3	346 7	26 2	34 4	20 2	10 4
353 Petroleum refineries														

354 Misc petroleum and coal products		49.9	148.4	90.2		14.3	32.9	25.4		28.2		7.6
355 Rubber products	2799.0	3153.7	3202.1	4509.0	787.0	911.2	926.7	1228.9	28.1	27.3	25.2	18.7
3551 Tyres and tubes	566.0	694.8	808.7	1262.3	160.9	155.6	221.6	351.8	28.4	27.9	19.9	18.4
3559 Other rubber products	2232.7	2458.8	2393.5	3246.7	626.7	754.7	705.1	277.1	28.0	27.0	26.6	15.8
356 Plastic products	1353.0	1435.3	1933.0	3521.1	225.0	420.8	533.6	910.0	16.6	25.8	33.3	37.6
361 Pottery, china, earthenware	191.0	337.3	497.4	513.1	75.0	142.3	233.6	231.0	39.3	45.0	29.3	22.9
362 Glass and products	345.0	399.1	534.8	712.7	88.0	118.8	213.2	350.8	25.5	49.2	30.7	11.2
369 Other non-metallic mineral products	1347.0	1803.4	2305.0	2498.1	379.0	589.1	914.7	989.2	28.1	39.6	25.1	17.0
3691 Structural clay products	72.6	73.2	98.4	171.2	26.9	31.1	37.8	82.4	37.0	48.1	48.3	30.6
3692 Cement, lime and plaster	960.5	1225.2	1425.7	1534.6	245.6	455.3	553.2	581.5	25.6	37.9	19.7	12.0
3699 Other non-metallic mineral products	314.0	504.9	781.0	792.4	106.9	201.7	313.6	325.3	34.1	41.0	31.1	22.4
371 Iron and steel	3685.0a/	4412.8	4392.9	4374.4	1400.0a/	1925.1	1364.1	1886.6	38.0	43.1	6.5	5.3
372 Non-ferrous metals	a/	1221.4	1253.9	1714.9	a/	346.5	342.9	675.3		39.4		4.9
381 Fabricated metal products	3102.0	2519.2	2881.3	4219.3	1115.0	741.0	934.1	1610.3	36.9	36.8	12.0	22.5
3811 Cutlery, hand tools and general hardware	139.9	215.8	259.8	321.4	30.9	79.4	82.2	106.9	22.1	33.3	31.6	37.6
3812 Furniture and fixtures primarily of metal	71.0	106.9	181.9	297.3	27.6	49.4	89.8	113.9	38.8	36.3	30.4	22.2
3813 Structural metal products	2437.7	592.8	667.0	904.7	894.2	252.6	275.1	482.1	36.7	53.3	8.5	9.7
3819 Other fabricated metal products	453.6	1602.6	1772.7	2695.9	162.5	359.6	487.1	807.4	35.8	29.9	24.6	28.3
382 Non-electrical machinery	520.0	929.0	1425.2	1311.1	167.0	314.5	582.7	535.7	32.1	40.9	27.5	17.6
3821 Engines and turbines		186.7	275.0	332.7		37.3	55.6	58.9		20.7		15.4
3822 Agricultural machinery and equipment		63.4	37.1	76.1		33.2	15.6	37.7		49.6		14.1
3823 Metal and wood working machinery		45.5	119.7	30.2		7.2	75.1	12.3		40.7		30.7
3824 Other special industrial machinery		208.3	332.0	210.9		106.6	170.2	96.9		46.0		17.5
3825 Office, computing and accounting machinery		6.1	4.7	11.4		2.4	1.8	3.9		34.0		76.5
3829 Other non-electrical machinery & equipment		418.9	656.9	649.7		128.8	243.4	317.0		48.8		17.4
383 Electrical machinery	2031.0	2590.5	3188.4	5263.1	450.0	742.7	977.9	1916.7	22.2	36.4	23.6	10.3
3831 Electrical industrial machinery	1487.6	200.8	198.4	318.3	293.0	65.7	57.9	113.8	19.7	35.8	27.7	13.1
3832 Radio, television and communication equipm.	543.1b/	1139.1	1194.0	2553.5	157.0b/	346.5	416.8	1063.7	28.9	40.1	15.8	8.9
3833 Electrical appliances and housewares	b/	27.2	160.6	219.2	b/	4.0	40.5	60.3		27.5		13.1
3839 Other electrical apparatus and supplies	b/	1223.3	1635.5	2072.1	b/	326.4	452.8	577.8		32.7		11.7
384 Transport equipment	3605.0	4821.9	5478.3	5463.5	1159.0	1909.8	1958.2	3278.5	32.4	50.7	17.0	7.9
3841 Shipbuilding and repairing	215.6	231.2	294.4	792.7	99.0	112.7	131.2	514.7	45.9	54.9	39.8	11.3
3842 Railroad equipment	-	11.4	10.6	28.4	-	6.5	4.9	10.7		37.7		22.7
3843 Motor vehicles	1999.4	3140.6	3617.6	2421.4	895.0	1335.0	741.5	1093.6	44.8	45.2	10.0	10.1
3844 Motorcycles and bicycles	1195.6	1298.1	2314.6	2961.3	118.0	409.0	1001.6	1475.3	9.9	49.8	21.9	2.7
3845 Aircraft	-	140.6	241.1	259.4	-	46.5	78.8	184.2		71.0		26.5
3849 Other transport equipment	194.6	0.1	0.1	0.3	57.0	-	-	0.1	29.3	35.5	77.3	31.2
385 Professional and scientific equipment	54.4	50.1	79.3	241.7	11.0	18.3	23.9	61.8	20.2	25.0	39.3	22.5
3851 Prof. and scientific equipment n.e.c.		26.6	40.5	55.0		9.9	15.7	23.9		43.4		17.5
3852 Photographic and optical goods		6.8	5.6	132.0		4.9	3.3	20.1		15.2		32.2
3853 Watches and clocks		16.7	33.2	54.6		3.5	5.0	17.8		32.7		18.2
390 Other manufacturing industries	289.0	331.7	456.1	825.2	99.0	112.8	158.3	405.8	34.3	49.5	28.3	15.0
3901 Jewellery and related articles	6.8	18.0	38.0	132.5	2.1	6.0	13.8	89.5	30.9	57.6	61.1	9.2
3902 Musical instruments	26.3	27.7	24.5	62.2	2.2	10.0	9.0	19.1	8.4	30.7	95.6	9.0
3903 Sporting and athletic goods	9.5	17.2	26.3	85.2	2.7	7.4	10.4	27.4	28.4	41.9	53.1	18.5
3909 Manufacturing industries, n.e.c.	246.6	268.9	367.3	555.3	92.0	89.4	135.1	272.8	37.3	48.3	25.5	17.0
3 Total manufacturing	56867.4c/	70515.9d/	86251.0d/	109397.1d/	16898.0c/	25170.6d/	29926.0d/	41422.4d/	29.7	37.9	20.4	14.1

a/ 371 includes 372
c/ Excluding major groups 353 and 354

b/ 3832 includes 3833 and 3839.
d/ Excluding ISIC 353.

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ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(billion RUPIANS)					(1980=100)								
		1989	1990	1991	1992		1986	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		1045	724	1935	1045		88	97	106	137	136	158	171	179	240
313 Beverages		32	23	86	133		92	106	126	129	130	150	178	168	193
314 Tobacco		72	92	125	161		148	172	193	206	224	257	194	196	203
321 Textiles		1419	1862	2216	1675		97	127	136	163	184	221	233	253	262
322 Wearing apparel, except footwear		163	91	406	621		...	...	...	...	...	...	...	...	...
323 Leather and fur products		45	31	39	22		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		37	79	753	359		133	133	108	131	218	246	272	383	419
331 Wood products, except furniture		896	551	740	682		99	156	215	271	298	287	306	331	300
332 Furniture and fixtures, excl. metal		42	33	121	69		...	...	...	...	...	...	...	...	...
341 Paper and products		908	1428	1098	407		119	116	123	161	176	213	222	320	326
342 Printing and publishing		108	180	110	187		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		421	326	748	293		164	178	161	153	169	187	192	176	184
352 Other chemicals		146	228	649	331		172	173	170	139	177	187	179	248	338
353 Petroleum refineries			111	118	118	128	127	144	149	167	156
354 Misc. petroleum and coal products		...	1	3	3		...	...	...	...	...	...	...	...	...
355 Rubber products		256	311	385	306		121	128	93	128	166	184	240	262	258
356 Plastic products		130	168	182	222		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		60	91	151	168		...	...	...	...	...	...	...	...	...
362 Glass and products		30	378	64	92		120	149	151	123	139	152	236	221	270
369 Other non-metallic mineral products		59	100	815	398		187	156	176	190	239	246	267	292	317
371 Iron and steel		124	208	416	151		112	172	163	166	221	287	463	474	613
372 Non-ferrous metals		...	56	153	78		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		166	143	491	396		125	130	140	148	213	266	226	248	239
382 Non-electrical machinery		48	136	163	99		...	...	...	...	...	...	...	...	...
383 Electrical machinery		138	229	400	544		89	113	107	146	174	207	143	146	162
384 Transport equipment		252	419	438	442		89	117	96	92	123	130	215	267	336
385 Professional and scientific equipment		2	3	4	90		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		35	54	69	130		...	...	...	...	...	...	...	...	...
3 Total manufacturing		6534a/	7933b/	12760b/	9304b/		...	...	...	...	...	...	...	...	...

a/ Excluding major groups 353 and 354.

b/ Excluding ISIC 363.

IRAN (ISLAMIC REPUBLIC OF)

Supplier of information:

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

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

The indices of industrial production are compiled according to the preceding version of the ISIC. Where possible, adjustments have been incorporated to convert them to the present version.

Reference period (if not calendar year):

Iranian year beginning 21 March of the year indicated.

Scope:

Establishments with 10 or more persons engaged.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees is the average of the quarterly numbers.

Wages and salaries is compensation of employees.

Output includes gross revenues from goods shipped in the same condition as received.

Value added is the difference between the value of output and the cost of materials and supplies, fuels, electricity, water, contract and repair work done by others and goods purchased for resale without transformation.

Gross fixed capital formation does not include outlays by new establishments not yet in operation during the reference year. It also does not include progress payments made for fixed assets on order but not yet completed at the end of the reference year.

Related national publications:

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

Iran (Islamic Republic of)

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (million RIALS)			
		1988	1989	1990	1991		1988	1989	1990	1991		1988	1989	1990	1991
311-2 Food Products		1335	1547	1250	777		71100	77800	67600	69383		83496	96390	102639	138172
313 Beverages		25	25	24	25		9000	8800	8500	8300		11225	10508	14824	22170
314 Tobacco		82	101	1	1		11000	11100	10500	7919		12409	14177	14106	21156
321 Textiles		1801	1937	1500	627		144600	145400	132700	132618		162493	186995	199653	300831
322 Wearing apparel, except footwear		431	533	481	138		8900	10100	10300	7071		6696	9695	11118	12495
323 Leather and fur products		165	142	125	65		5200	4400	4300	3358		5313	5673	6603	8426
324 Footwear, except rubber or plastic		103	370	166	54		10100	12600	11300	10700		9843	14928	16760	20187
331 Wood products, except furniture		227	285	285	64		11100	13000	11300	8251		11301	15385	13317	23204
332 Furniture and fixtures, excl metal		116	105	95	54		3100	3200	4400	3785		3214	3919	6337	8038
341 Paper and products		127	145	130	76		8500	10700	9800	12149		11074	17071	17531	31490
342 Printing and publishing		168	274	330	113		6000	7900	9900	7872		6943	11202	15487	21278
351 Industrial chemicals		132	113	217	217		13200	14000	15200	10731		19701	26294	30000	35763
352 Other chemicals		318	350	352	176		20500	23700	25200	22465		26028	36764	44368	59541
353 Petroleum refineries		12	15	9	10		2400	2700	2100	2423		2603	3480	2314	4018
354 Misc petroleum and coal products		81	139	83	45		2500	3300	2700	2073		2149	4396	3490	3724
355 Rubber products		61	221	32	45		10100	13500	10900	11104		16585	22122	19672	30403
356 Plastic products		323	480	398	163		12900	14100	14300	13400		14985	20506	21836	30671
361 Pottery, china, earthenware		61	54	24	15		3800	3700	3400	4211		4895	5212	5300	9916
362 Glass and products		97	88	64	40		8500	8400	8300	8120		11795	13467	12828	16591
369 Other non-metallic mineral products		2606	2424	2575	1954		87200	83700	82500	64300		96096	100124	118513	157530
371 Iron and steel		174	106	112	52		38500	38700	47800	52301		49181	60129	105463	175892
372 Non-ferrous metals		212	159	172	48		11500	11200	11800	11319		16032	17023	23702	40182
381 Fabricated metal products		677	946	853	372		27900	31300	33900	31009		32670	44932	52719	75412
382 Non-electrical machinery		536	643	890	340		62800	55000	58700	56900		64840	80104	104667	159867
383 Electrical machinery		135	100	119	90		18500	18400	17300	17983		22279	24254	27778	43662
384 Transport equipment		75	106	82	111		27600	27700	31800	35576		38597	49076	64220	96427
385 Professional and scientific equipment		49	41	41	28		2400	2200	3200	3754		2830	2911	4789	8194
390 Other manufacturing industries		116	104	108	43		1700	2100	2800	1900		1329	2024	3624	3759
3 Total manufacturing		10245	11554	10518	5743		630700	658700	652500	620965		745805	897669	1063398	1558998

Iran (Islamic Republic of)

ISIC Industry	Note	Output in producers' prices (million RIALS)				Note	Value added in producers' prices (million RIALS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1988	1989	1990	1991a/		1988	1989	1990	1991b/	1988	1991	1988	1991
		311	Food Products	598500	775700		1014600	1304000	213200	235700	306200	466700	35.6	36.0	39.2	30.3
313	Beverages	69800	75600	106100	110200	45100	54400	63000	66700	64.6	60.6	74.9	33.2	
314	Tobacco	50500	38300	45100	93600	42400	28500	34000	77800	84.0	83.1	29.3	27.2	
321	Textiles	626700	778000	1034600	1432600	321400	375200	663000	653400	51.3	46.6	60.6	46.0	
322	wearing apparel, except footwear	51400	78500	105300	60100	21300	22700	36200	26000	42.6	43.3	30.6	48.1	
323	leather and fur products	69000	69400	84200	81800	19300	17700	28500	25200	28.0	30.8	27.6	26.6	
324	Footwear, except rubber or plastic	59900	82700	82800	92000	30300	35400	35300	38500	50.6	41.8	32.6	52.4	
331	Wood products, except furniture	57300	79600	93600	92700	32900	40400	44900	42200	57.4	45.6	34.3	55.0	
332	Furniture and fixtures, excl. Metal	16900	23400	34000	43500	8100	10900	13400	18500	47.9	42.6	39.7	43.4	
341	Paper and products	56700	83600	123600	201000	24300	31800	54100	80400	42.9	40.0	45.6	39.2	
342	Printing and publishing	35300	70400	77100	78700	19600	41800	47200	61200	65.6	66.1	35.4	41.8	
351	Industrial chemicals	63200	115400	203300	218500	32200	62900	94300	115300	50.9	52.8	61.2	31.0	
352	Other chemicals	154800	299500	349100	461700	77800	131500	171200	166900	50.3	36.1	33.6	25.7	
353	Petroleum refineries	12100	14100	11600	21400	8400	7400	6600	12200	69.4	67.0	31.0	32.9	
354	Misc. petroleum and coal products	12000	17900	25100	26900	7100	12800	16900	13600	59.2	60.6	30.3	27.4	
355	Rubber products	48800	89000	94500	127800	25200	40000	48400	61800	51.6	48.1	65.8	49.4	
356	Plastic products	91800	154300	256200	206800	41400	47200	68300	74300	46.1	36.9	36.2	41.1	
361	Pottery, china, earthenware	13100	14800	23000	25200	8900	10300	17100	16500	67.9	65.6	55.0	60.1	
362	Glass and products	73300	42400	54800	106800	74100	28200	30200	70000	32.9	66.6	48.9	28.0	
369	Other non-metallic mineral products	298300	342700	482700	651000	177200	211600	286900	373900	69.4	67.4	53.7	42.1	
371	Iron and steel	212500	296100	920400	1021700	131500	133200	371300	420200	61.9	41.1	37.4	41.9	
372	Non-ferrous metals	77400	117700	395400	438300	39200	43400	171700	166800	50.6	37.8	40.9	24.3	
381	Fabricated metal products	108000	212300	369100	405100	64500	105200	140600	185900	69.7	46.9	51.0	40.6	
382	Non-electrical machinery	256800	329800	616200	934300	119500	160000	301000	446100	46.6	47.6	64.3	35.9	
383	Electrical machinery	89300	96900	214800	252300	48000	49900	138000	114900	63.8	46.6	46.4	38.0	
384	Transport equipment	160600	166500	342100	1114300	53800	84000	209600	687400	33.6	52.7	71.7	16.2	
385	Professional and scientific equipment	7300	11400	26100	41700	4200	5900	9600	19200	67.6	46.0	67.4	42.7	
390	Other manufacturing industries	14700	16300	24200	33100	4500	5500	11700	20000	30.6	60.4	29.6	18.8	
3	Total manufacturing	3386000	4512300	7209600	9677100	1646000	2030900	3316000	4399100	48.6	45.6	46.3	35.4	

a. Output valuation undetermined.

b/ Value added in factor values

Iran (Islamic Republic of)

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production						
		(million RIALS)					(1980=100)						
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products	19691	26956	28523	53680		126	111	109	101	100	113	124	141
313 Beverages	2507	1774	3007	4776		111	94	86	87	69	86	92	93
314 Tobacco	300	389	-	810									
321 Textiles	18736	34969	57173	98738		148	136	118	106	96	103	117	123
322 wearing apparel, except footwear	1176	646	3112	2620	a/	181	165	166	162	168	203	207	203
323 Leather and fur products	1100	1144	2972	2279		197	197	164	142	136	161	167	140
324 Footwear, except rubber or plastic	872	802	1302	2440	a/								
331 wood products, except furniture	2024	4007	5603	9276	b/	166	138	142	141	164	164	163	181
332 Furniture and fixtures, excl metal	2441	1474	767	3860	b/								
341 Paper and products	2617	6474	4063	13393									
342 Printing and publishing	1793	4476	6277	5842									
351 Industrial chemicals	6552	10055	16703	20404	c/	141	140	131	123	137	186	189	196
352 Other chemicals	11544	12330	21285	26042	c/								
353 Petroleum refineries	323	814	713	478		99	80	70	90	98	110	118	125
354 Misc petroleum and coal products	895	811	2962	2631									
355 Rubber products	2582	6977	2582	7303		146	138	167	146	186	226	276	263
356 Plastic products	6361	13271	6250	14387									
361 Pottery, china, earthenware	709	902	1213	2486	d/	146	138	144	136	142	162	180	192
362 Glass and products	3314	4503	9470	7817	d/								
369 Other non-metallic mineral products	31712	39424	43490	66898	d/								
371 Iron and steel	4420	5518	14109	31071									
372 Non-ferrous metals	19303	2499	9836	101318									
381 Fabricated metal products	7234	30371	20285	33211		123	110	104	86	72	93	126	133
382 Non-electrical machinery	17613	20728	27541	77446		260	170	126	103	96	143	213	224
383 Electrical machinery	9296	5748	9357	17461		162	124	106	101	109	143	228	269
384 Transport equipment	8774	7845	11197	48413		174	120	62	66	67	66	173	181
385 Professional and scientific equipment	767	610	2085	2733									
390 Other manufacturing industries	594	211	2218	1688									
3 Total manufacturing	184840	244426	314494	659391									

a/ 322 includes 324
c/ 351 includes 352

b/ 331 includes 332
d/ 361 includes 362 and 369

IRAQ

Supplier of information:

Central Statistical Organization, Ministry of Planning, Baghdad.

Basic source of data:

Quarterly industrial survey.

Major deviations from current version of ISIC:

The data are compiled according to the previous version of the ISIC. Repair services for the general public (part of ISIC major division 9) are included in manufacturing according to the type of product repaired.

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

Establishments in the public and private sectors employing 30 or more persons and with a capital of 100,000 dinars or more.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of establishments and number of employees relate to averages of the quarterly numbers.

Related national publications:

Annual Abstract of Statistics; Results of the Industrial Survey (annual), both published by the Central Statistical Organization, Ministry of Planning, Baghdad.

Iraq

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (thousand DINARS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products				120	124				12808	12000			36694	61427	
313 Beverages				16	16				3880	4000			12661	28713	
314 Tobacco				1	1				1293	1000			2966	6910	
321 Textiles				56	55				18513	17000			44660	72228	
322 Wearing apparel, except footwear				24	42				7602	8000			11361	20706	
323 Leather and fur products				1	2				37	1000			79	240	
324 Footwear, except rubber or plastic				6	6				3097	3000			7626	14767	
331 Wood products, except furniture				22a/	22a/				1012a/	1000a/			2021a/	2468a/	
332 Furniture and fixtures, excl metal				a/	a/				a/	a/			a/	a/	
341 Paper and products				34b/	15				7707b/	4000			21271b/	23606	
342 Printing and publishing				b/	19				b/	3000			b/	8716	
351 Industrial chemicals				112c/	10				23946c/	7000			89673c/	37780	
352 Other chemicals				c/	15				c/	3000			c/	15044	
353 Petroleum refineries				c/	3				c/	8000			c/	71672	
354 Misc petroleum and coal products				c/	42				c/	2000			c/	13092	
355 Rubber products				c/	4				c/	2000			c/	6747	
356 Plastic products				c/	46				c/	1000			c/	6638	
361 Pottery, china, earthenware				136d/	1				17640d/				46253d/	13	
362 Glass and products				d/	7				d/	2000			d/	11306	
369 Other non-metallic mineral products				d/	172				d/	18000			d/	78048	
371 Iron and steel				1e/	1e/				4432e/	5000e/			13042e/	40711e/	
372 Non-ferrous metals				e/	e/				e/	e/			e/	e/	
381 Fabricated metal products				19	20				6302	8000			17392	73308	
382 Non-electrical machinery				11	8				8521	6000			20646	60367	
383 Electrical machinery				8	8				10324	10000			26778	66660	
384 Transport equipment				4	4				617	-			1468	2986	
385 Professional and scientific equipment				-	-				-	-			-	-	
390 Other manufacturing industries				-	1				-	-			-	163	
3 Total manufacturing				571	644				126631	126000			360461	687428	

a/ 331 includes 332

c/ 351 includes 352, 353, 354, 355 and 356

e/ 371 includes 372

b/ 341 includes 342

d/ 361 includes 362 and 369

SIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(thousand DINARS)					(thousand DINARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products				382218	152400			69384	248000				20.7	
313 Beverages				104339	26800			63624	113700				23.6	
314 Tobacco				14494	58600			9217	28100		48.0		21.0	
321 Textiles				91776	263700			46982	77400		27.3		93.3	
322 Wearing apparel, except footwear				52939	107300			27166	24600		22.8		84.6	
323 Leather and fur products				708	4400			242	-					
324 Footwear, except rubber or plastic				57718	131400			38121	16200		12.3		91.2	
331 Wood products, except furniture				9330a/	13300a/			4189a/	4600a/		34.6		64.1	
332 Furniture and fixtures, excl. metal				a/	a/			a/	a/					
341 Paper and products				52573b/	75800			20624b/	70900		93.6		33.3	
342 Printing and publishing				b/	53800			b/	27400		60.9		31.8	
351 Industrial chemicals				477106c/	187100			294998c/	746000				6.1	
352 Other chemicals				c/	42600			c/	22800		13.9		67.0	
353 Petroleum refineries				c/	467100			c/	776000				9.2	
354 Misc. petroleum and coal products				c/	123000			c/	66000		62.8		20.1	
355 Rubber products				c/	31200			c/	12200		39.1		66.3	
356 Plastic products				c/	66700			c/	27800		28.7		20.3	
361 Pottery, china, earthenware				84221d/	-			16758d/	-					
362 Glass and products				d/	18600			d/	16600		88.7		68.6	
369 Other non-metallic mineral products				d/	333900			d/	786900				9.9	
371 Iron and steel				14079e/	73400e/			7266e/	148200e/				27.6	
372 Non-ferrous metals				e/	e/			e/	e/					
381 Fabricated metal products				50741	123300			30360	69200		72.3		82.2	
382 Non-electrical machinery				36904	92400			16387	49400		63.6			
383 Electrical machinery				39339	94300			12682	141800				39.4	
384 Transport equipment				7169	9800			3601	8600		66.7		36.1	
385 Professional and scientific equipment				-	-			-	-					
390 Other manufacturing industries				-	2700			-	-					
3 Total manufacturing				1475643	2693300			661490	3499700				19.6	

a/ 331 includes 332
c/ 351 includes 352, 353, 354, 355 and 356
e/ 371 includes 372

b/ 341 includes 342.
d/ 361 includes 362 and 369.

Iraq

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand DINARS)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 Wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 Wood products, except furniture		
332 Furniture and fixtures, excl. metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries			150	147	203	204	225	199	156	250	262	
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		
361 Pottery, china, earthenware		
362 Glass and products		
359 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		

IRELAND

Supplier of information:

Irish Central Statistics Office, Dublin.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual census of industrial establishments.

Major deviations from current version of ISIC:

None reported.

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

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

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Establishment is defined as a single economic activity conducted at a particular location. Number of establishments includes all the separate production locations of multi-location enterprises even if separate details are not provided by the respondent.

Number of employees refers to number of persons who are paid a fixed wage or salary. Persons at work or temporarily absent because of illness, holidays, strikes, etc. are included, as are part-time workers. Homeworkers are excluded. The numbers given for each year refer to a week in September.

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

Output represents the net selling value of all goods manufactured in the year, whether sold or not, and the value of work done. In general, for establishments working on commission on materials supplied to them by other firms, only the payments received by them for the work done are included. Since 1991, the definition of output is amended to include the value of capital work done on own account. Operating subsidies related to the production or sales of the output are included in the value of output; excise duty and VAT are excluded.

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

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

Related national publications:

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

Ireland

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million POUNDS)			
		1988	1989	1990	1991		1988	1989	1990	1991		1988	1989	1990	1991
311/2 Food Products		790	791	765	704		37.3	36.6	36.7	37.5		411.3	431.4	443.9	473.2
313 Beverages		68	67	62	59		5.2	5.1	4.7	5.3		94.4	96.8	94.4	107.2
314 Tobacco		8	8	8	6		1.6	1.5	1.3	1.3		23.1	22.8	24.8	25.0
321 Textiles		242	234	228	222		11.6	11.7	11.8	11.4		108.0	114.2	116.2	116.3
322 wearing apparel, except footwear		244	247	251	213		10.8	10.5	10.9	9.1		69.9	71.7	75.7	69.0
323 Leather and fur products		43	36	36	34		0.6	0.6	0.6	0.6		4.5	5.0	5.3	5.5
324 Footwear, except rubber or plastic		28	25	23	15		1.1	1.0	0.7	0.7		8.5	7.6	6.2	5.8
331 wood products, except furniture		247	239	223	223		4.0	4.3	4.5	4.6		34.8	40.0	45.3	49.1
332 Furniture and fixtures, excl metal		242	226	212	206		3.2	3.4	3.1	3.1		23.0	25.2	24.9	26.5
341 Paper and products		86	81	87	86		3.3	3.4	3.4	3.6		42.3	46.1	48.2	53.1
342 Printing and publishing		364	358	347	361		10.8	11.0	11.0	11.0		145.5	159.9	167.2	179.2
351 Industrial chemicals	a/	217	216	217	224	a/	12.5	12.9	13.8	14.3	a/	199.9	213.8	237.2	259.7
352 Other chemicals	a/					a/					a/				
353 Petroleum refineries	b/	10	10	9	9	b/	0.4	0.4	0.4	0.4	b/	6.0	7.8	8.0	8.2
354 Misc petroleum and coal products	b/					b/					b/				
355 Rubber products		36	43	42	49		2.1	2.2	2.4	2.6		24.2	27.3	33.5	37.0
356 Plastic products		207	211	218	218		6.3	6.8	7.0	7.3		66.7	73.5	80.6	89.3
361 Pottery, china, earthenware		15	20	16	17		0.6	0.7	0.7	0.7		6.9	6.6	7.0	7.1
362 Glass and products		50	46	47	49		4.0	4.2	3.9	4.0		68.2	72.2	55.9	55.7
369 Other non-metallic mineral products		242	230	243	178		6.1	6.4	6.5	6.3		86.7	93.4	98.0	100.8
371 Iron and steel		30	30	32	33		1.6	1.6	1.5	1.5		20.3	21.9	24.2	23.5
372 Non-ferrous metals		11	13	13	12		0.1	0.2	0.2	0.2		1.4	1.7	2.1	2.8
381 Fabricated metal products		627	614	597	570		11.5	12.2	12.6	11.8		112.2	124.9	138.5	132.9
382 Non-electrical machinery		310	326	334	317		14.2	15.2	15.9	15.6		177.5	197.1	213.0	225.3
383 Electrical machinery		289	291	289	297		18.9	20.2	22.1	22.2		209.6	228.7	257.7	275.8
384 Transport equipment		120	121	120	120		7.1	7.2	7.5	8.0		99.4	104.3	116.7	124.4
385 Professional and scientific equipment		83	84	81	88		7.0	7.4	7.9	8.4		84.3	88.6	98.4	110.0
390 Other manufacturing industries		97	97	100	81		2.6	2.8	2.9	3.0		22.5	24.5	27.9	29.5
3 Total manufacturing		4706	4664	4600	4391		184.5	189.5	193.8	194.5		2150.1	2306.3	2451.9	2594.1

a/ 351 includes 352

b/ 353 includes 354

Ireland

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million POUNDS)					(million POUNDS)				(percentage)		(percentage)	
		1988	1989	1990	1991		1988	1989	1990	1991	1988	1991	1988	1991
311 ² Food Products		5780.1	6261.1	6431.7	6662.2	1609.1	1781.3	1849.8	2103.7	27.8	31.6	25.6	22.5	
313 Beverages		642.1	711.0	767.9	882.2	397.0	439.3	477.3	546.1	61.8	61.9	23.8	19.6	
314 Tobacco		128.4	127.6	143.0	142.8	84.2	84.4	99.8	99.3	65.6	69.5	27.4	25.2	
321 Textiles		498.7	528.5	541.8	515.3	192.3	205.7	210.2	214.5	38.6	41.6	66.2	53.8	
322 Wearing apparel, except footwear		232.0	238.0	270.2	216.5	114.5	113.8	124.7	112.9	49.4	52.1	61.0	51.1	
323 Leather and fur products		55.3	53.0	59.7	51.5	9.7	11.0	12.7	10.8	17.5	21.0	46.4	51.9	
324 Footwear, except rubber or plastic		28.1	24.6	22.9	18.2	14.1	11.5	11.2	8.3	60.2	45.6	60.3	69.9	
331 Wood products, except furniture		201.7	235.3	262.8	272.3	78.7	91.7	102.7	107.7	39.0	39.6	44.2	45.6	
332 Furniture and fixtures, excl. metal		98.7	116.8	116.0	119.4	42.4	50.4	51.9	56.7	43.0	47.5	54.2	46.7	
341 Paper and products		250.3	275.4	287.7	292.1	97.0	100.2	114.8	118.7	38.8	40.6	43.6	44.7	
342 Printing and publishing		449.1	504.3	529.7	553.9	281.6	313.5	338.1	363.7	62.7	63.9	51.7	50.7	
351 Industrial chemicals	a/	1894.8	2311.0	2456.4	2674.5	1101.9	1380.9	1492.6	1699.7	58.2	63.6	18.1	16.3	
352 Other chemicals	a/													
353 Petroleum refineries	b/	145.4	190.4	238.1	212.9	21.0	22.8	18.3	16.3	14.4	7.7	28.6	50.3	
354 Misc. petroleum and coal products	b/													
355 Rubber products		120.3	124.2	142.8	154.8	60.4	59.7	71.2	85.9	50.2	55.5	40.1	43.1	
356 Plastic products		377.7	424.8	441.2	472.7	160.7	179.8	199.9	226.1	42.5	47.8	41.5	39.5	
361 Pottery, china, earthenware		23.2	28.0	28.9	25.7	13.4	15.1	16.9	15.7	57.8	61.1	44.0	45.2	
362 Glass and products		151.7	179.0	153.8	157.8	103.1	109.4	87.1	93.4	63.8	59.2	66.1	60.7	
369 Other non-metallic mineral products		565.8	683.9	702.2	630.2	271.7	317.5	337.4	320.4	48.0	50.8	31.9	31.5	
371 Iron and steel		128.2	160.1	161.3	144.0	5.3	58.4	55.3	52.0	45.5	36.1	34.8	45.4	
372 Non-ferrous metals		29.1	30.8	28.0	25.3	6.3	5.1	6.0	3.3	21.6	13.0	22.2	84.8	
381 Fabricated metal products		546.9	603.6	661.8	614.4	242.3	253.9	283.0	280.6	44.3	45.7	46.3	47.4	
382 Non-electrical machinery		2503.9	2899.2	2789.9	2598.4	1178.2	1363.2	1347.9	1202.5	47.1	46.3	15.1	18.8	
383 Electrical machinery		1630.5	1963.2	1908.0	2163.0	891.3	1174.9	1109.4	1261.1	54.7	57.8	23.5	22.1	
384 Transport equipment		311.6	362.1	374.8	350.2	162.7	177.0	186.3	160.5	62.2	45.8	61.1	77.5	
385 Professional and scientific equipment		469.0	523.5	544.7	599.6	292.5	344.3	368.6	393.3	82.1	65.6	28.8	28.0	
390 Other manufacturing industries		103.1	122.3	151.5	154.4	51.6	60.6	79.6	78.3	50.0	50.0	43.5	37.7	
3 Total manufacturing		17375.7	19691.7	20216.8	20704.3	7536.0	8726.4	9052.7	9611.9	43.4	48.4	28.5	27.0	

a/ 351 includes 352

b/ 353 includes 354

Ireland

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million POUNDS)					(1980=100)								
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		155.0	164.6	183.6	171.4		121	126	143	150	163	169	166	181	190
313 Beverages		29.9	35.5	50.8	69.9		110	112	111	120	135	137	143	141	143
314 Tobacco		2.3	3.5	2.9	1.9		84	84	79	76	76	73	79	83	76
321 Textiles		28.7	23.5	35.3	15.0		93	52	96	99	103	111	111	117	119
322 Wearing apparel, except footwear		6.0	7.2	5.9	6.1		97	97	100	93	87	88	77	75	70
323 Leather and fur products		0.6	0.7	-	0.7	a/	63	53	49	47	48	47	43	36	34
324 Footwear, except rubber or plastic		1.9	0.2	0.4	0.3	a/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		6.6	13.2	12.5	12.4	b/	86	83	83	91	96	102	102	104	106
332 Furniture and fixtures, excl. metal		3.0	4.4	6.3	5.1	b/	...	...	...	...	...	...	...	...	...
341 Paper and products		12.0	10.6	18.9	12.6		82	86	85	83	89	88	90	91	91
342 Printing and publishing		37.0	32.9	45.2	31.3		97	104	118	134	144	147	162	180	196
351 Industrial chemicals		122.7	110.7	168.7	212.4	c/	166	166	173	200	240	247	301	353	388
352 Other chemicals		2.3	2.3	1.9	2.3	c/	86	96	89	77	85	101	103	106	108
353 Petroleum refineries	
354 Misc. petroleum and coal products		5.8	4.7	16.7	37.0		102	100	103	105	105	119	125	131	120
355 Rubber products		24.3	23.8	29.1	30.2		155	169	170	182	190	199	192	203	211
356 Plastic products	
361 Pottery, china, earthenware		1.0	0.9	0.9	0.9	e/	99	97	92	93	110	116	108	113	109
362 Glass and products		6.1	11.7	10.4	9.6	e/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		21.3	53.0	36.9	36.0	e/	...	...	...	...	...	...	...	...	...
371 Iron and steel		5.0	2.9	4.3	5.8	f/	130	120	120	136	161	168	141	128	134
372 Non-ferrous metals		0.5	0.7	0.7	0.5	f/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		19.5	41.8	31.8	30.0		78	72	72	75	79	84	80	78	77
382 Non-electrical machinery		48.4	74.9	66.8	95.1		257	291	376	480	531	555	500	580	605
383 Electrical machinery		62.7	74.7	66.0	79.5		192	200	244	317	409	448	480	542	598
384 Transport equipment		11.5	19.2	16.5	81.7		66	61	82	67	77	76	69	64	61
385 Professional and scientific equipment		20.6	22.5	40.1	44.6		174	174	204	210	234	267	269	287	306
390 Other manufacturing industries		5.1	3.1	7.0	4.7		62	64	78	78	92	94	91	91	80
3 Total manufacturing		639.8	743.2	859.6	997.0		...	...	...	...	...	...	...	...	...

a/ 323 includes 324
c/ 351 includes 352
e/ 361 includes 362 and 369

b/ 331 includes 332
d/ 353 includes 354
f/ 371 includes 372

ISRAEL

Supplier of information:

Central Bureau of Statistics, Jerusalem.

Basic source of data:

Annual industry and crafts survey. The data for 1989 are obtained from a monthly sample survey of industrial production.

Major deviations from current version of ISIC:

The national classification follows the present version of ISIC. However, (a) manufacture of knitted goods, except fabrics (part of ISIC 321) is included in ISIC 322 and, for estimates other than those obtained from the industry and crafts survey, ISIC 3513 is included in ISIC 321, and (b) the diamond industry (part of ISIC 390) is not included in manufacturing.

Reference period (if not calendar year):**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. For 1989, the data cover establishments with one or more persons engaged. The indices of industrial production cover all industrial establishments and workshops with at least one employee.

Method of enumeration:

Establishments are sampled.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees is the average of the numbers for four selected months of the reference year. For 1989 it is the average of the numbers for all 12 months.

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. Since 1990, it includes certain labour expenses that do not appear on payrolls, such as payments for national insurance and pension fund.

Output does not include net revenues from goods shipped in the same condition as received.

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.

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.

Israel

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (thousands)				Note	Wages and salaries paid to employees (million SHEKALIM)			
		1989a/	1990	1991	1992		1989a/	1990	1991	1992		1989a/	1990	1991	1992
311 2 Food Products		1272b/	1020	1139	1045		48 3b/	42 0	43 6	43 3		993b/	1337	1555	1758
313 Beverages		b/	36	41	39c/		b/	3 3	4 2	4 6c/		b/	118	156	222c/
314 Tobacco		b/	13	13	c/		b/	0 6	0 6	c/		b/	29	35	c/
321 Textiles		441	456	413	406		14 1	14 1	14 1	14 1		274	466	509	564
322 Wearing apparel, except footwear		1262	1082	1189	1147		32 5	30 9	31 9	32 5		452	588	671	797
323 Leather and fur products		222d/	56	63	99		4 0d/	0 9	1 1	1 2		66d/	21	29	38
324 Footwear, except rubber or plastic		d/	131	157	176		d/	2 5	2 8	3 1		d/	67	81	99
331 Wood products, except furniture		1368e/	332	395	364		12 5e/	5 3	6 2	6 0		253e/	163	212	241
332 Furniture and fixtures, excl metal		e/	440	485	571		e/	5 7	6 0	7 1		e/	165	176	247
341 Paper and products		217	165	184	178		6 3	6 4	6 5	6 7		155	261	298	346
342 Printing and publishing		1020	833	866	861		16 5	15 9	15 9	16 8		419	578	689	804
351 Industrial chemicals		216f/	73	84	74		18 7f/	7 9	7 8	7 8		671f/	543	621	776
352 Other chemicals		f/	144g/	137g/	123g/		f/	11 6g/	10 6g/	11 3g/		f/	609g/	701g/	853g/
353 Petroleum refineries		f/	g/	g/	g/		f/	g/	g/	g/		f/	g/	g/	g/
354 Misc petroleum and coal products		f/	g/	g/	g/		f/	g/	g/	g/		f/	g/	g/	g/
355 Rubber products		478h/	50	57	47		11 4h/	2 2	2 3	2 0		268h/	84	103	110
356 Plastic products		h/	406	452	457		h/	12 3	13 5	14 7		h/	367	461	675
361 Pottery, china, earthenware		399i/	24	31	29		9 1i/	1 0	1 1	1 1		239i/	37	47	56
362 Glass and products		i/	28	39	39		i/	0 8	0 9	1 1		i/	39	48	53
369 Other non-metallic mineral products		i/	302	369	411		i/	6 7	7 7	8 7		i/	293	401	478
371 Iron and steel		125j/	87	85	72		5 1j/	2 7	3 0	3 3		141j/	136	188	206
372 Non-ferrous metals		j/	47	57	57		j/	1 8	1 9	2 2		j/	69	84	92
381 Fabricated metal products		2017	1422	1632	1721		39 1	38 5	42 5	43 5		1121	1688	2108	2456
382 Non-electrical machinery		225	372	338	359		9 1	9 6	9 0	9 3		277	412	439	526
383 Electrical machinery		530	554	597	633		44 3	43 6	44 6	46 7		1812	2767	3367	3996
384 Transport equipment		81	192	216	232		17 5	18 1	18 5	19 0		759	1219	1522	1745
385 Professional and scientific equipment		378k/	58	90	80		7 8k/	3 0	3 8	3 9		222k/	159	218	247
390 Other manufacturing industries		k/	262	283	315		k/	4 8	5 1	5 7		k/	142	160	199
3 Total manufacturing		10251	8585	9413	9535		296 3	292 1	306 2	314 7		8112	12346	14877	17514

a Beginning 1989 data based on new sample of establishments
 b/ 311/2 includes 313 and 314
 c 313 includes 314
 e 331 includes 332
 g 352 includes 353 and 354
 i 361 includes 362 and 369
 k 385 includes 390

b/ 311/2 includes 313 and 314
 d/ 323 includes 324
 f/ 351 includes 352, 353 and 354
 h/ 355 includes 356
 j/ 371 includes 372

Israel

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million SHEKALIM)					(million SHEKALIM)				(percentage)		(percentage)	
		1989a/b/	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		9968c/	8532	9547	11293		2462	2829	2803		24.8	62.7		
313 Beverages		c/	749	990	1239d/		295	383	358d/		28.9	62.0		
314 Tobacco		c/	145	153	d/		86	63	d/					
321 Textiles		2071	2600	2977	3315		814	982	994		30.0	56.7		
322 Wearing apparel, except footwear		2286	2038	2534	2998		851	1065	1137		37.9	70.1		
323 Leather and fur products		396e/	107	131	173		38	49	55		31.8	69.1		
324 Footwear, except rubber or plastic		e/	247	322	417		110	137	154		36.9	64.3		
331 Wood products, except furniture		1388f/	610	799	889		234	323	312		35.1	77.2		
332 Furniture and fixtures, excl. metal		f/	608	711	937		264	306	343		36.6	72.0		
341 Paper and products		1293	1391	1567	1778		486	552	564		31.7	61.3		
342 Printing and publishing		2164	1849	2134	2632		547	1147	1236		46.9	65.1		
351 Industrial chemicals		5768g/	3050	3428	4059		1467h/	1618h/	1360		33.6	67.1		
352 Other chemicals		g/	3414i/	4039i/	5023i/		847	969	1486i/		29.6	59.4		
353 Petroleum refineries		g/	i/	i/	i/		h/	h/	i/					
354 Misc. petroleum and coal products		g/	i/	i/	i/		h/	h/	i/					
355 Rubber products		2581j/	340	415	473		163	196	197		41.6	56.8		
356 Plastic products		j/	2171	2749	3467		943	1246	1394		40.2	41.2		
361 Pottery, china, earthenware		1722k/	106	169	178		60	107	88		49.4	63.6		
362 Glass and products		k/	158	213	256		76	90	89		34.8	59.6		
369 Other non-metallic mineral products		k/	1616	2500	3016		617	941	994		33.0	48.1		
371 Iron and steel		1229m/	851	1375	1590		228	341	377		23.7	54.6		
372 Non-ferrous metals		m/	351	394	453		122	139	173		38.2	53.2		
381 Fabricated metal products		5032	5055	6256	7272		2476	2935	2973		40.9	82.6		
382 Non-electrical machinery		1458	1348	1457	1907		562	637	713		37.4	73.8		
383 Electrical machinery		7760	8096	10368	12503		4435	5591	5971		47.8	66.9		
384 Transport equipment		2939	2828	3478	3676		1496	1877	1876		51.0	93.1		
385 Professional and scientific equipment		1407n/	505	687	755		253	355	147		19.5			
390 Other manufacturing industries		n/	781	869	1104		241	270	483		43.8	41.2		
3 Total manufacturing		49472	49546	60262	71403		20552	25148	26276		36.8	66.7		

a/ Estimates based on the industrial production index at market prices

c/ 311/2 includes 313 and 314

e/ 323 includes 324

g/ 351 includes 352, 353 and 354

i/ 352 includes 353 and 354

k/ 361 includes 362 and 369

n/ 385 includes 390

b/ Beginning 1989, data based on new sample of establishments

d/ 313 includes 314

f/ 331 includes 332

h/ 351 includes 353 and 354

j/ 355 includes 356

m/ 371 includes 372

Israel

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production						
		(million SHEKALIM)					(1980=100)						
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		384	394	629	a/	125	143	161	161	157	159	161	
313 Beverages		53	69	146b/	a/								
314 Tobacco		2	34	b/	a/								
321 Textiles		145	144	232		99	98	99	92	92	96	104	
322 Wearing apparel, except footwear		65	100	145	c/	99	113	128	116	104	116	121	
323 Leather and fur products		7	3	4		123	148	164	152	138	139	163	
324 Footwear, except rubber or plastic		5	10	17	c/								
331 Wood products, except furniture		11	39	37	d/	113	122	131	129	126	136	150	
332 Furniture and fixtures, excl metal		16	29	29	d/								
341 Paper and products		71	93	89		118	137	146	143	143	150	152	
342 Printing and publishing		133	179	142		117	133	161	150	147	153	160	
351 Industrial chemicals		199	143	324	e/	128	131	146	148	156	163	170	
352 Other chemicals		183f/	382f/	524f/	e/								
353 Petroleum refineries		f/	f/	f/	e/								
354 Misc. petroleum and coal products		f/	f/	f/	e/								
355 Rubber products		17	17	40	g/	136	143	158	143	147	166	182	
356 Plastic products		121	261	315	g/								
361 Pottery, china, earthenware		11	4	14	h/	87	89	99	97	94	113	147	
362 Glass and products		17	18	60	h/								
369 Other non-metallic mineral products		102	293	222	h/								
371 Iron and steel		10	21	24	i/	86	83	86	90	85	107	118	
372 Non-ferrous metals		16	29	29	i/								
381 Fabricated metal products		207	418	372		118	119	123	122	117	124	137	
382 Non-electrical machinery		31	48	48		129	145	160	159	147	147	147	
383 Electrical machinery		417	713	830		141	137	132	133	127	136	144	
384 Transport equipment		96	155	222		103	99	90	72	76	80	84	
385 Professional and scientific equipment		24	47	46									
390 Other manufacturing industries		21	45	43		161	167	150	163	166	166	176	
3 Total manufacturing		2364	3688	4583		119	124	130	127	125	132	141	

a/ 311/2 includes 313 and 314
c/ 322 includes 324
e/ 351 includes 352, 353 and 354
g/ 355 includes 356
i/ 371 includes 372

b/ 313 includes 314
d/ 331 includes 332
f/ 362 includes 363 and 364
h/ 361 includes 362 and 369.

ITALY

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. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual surveys of gross output and capital investments of the industrial sector.

Major deviations from current version of ISIC:

The national classification system is not fully convertible to the current version of the ISIC. The following differences should be noted: manufacture of olive oil, margarine, etc. (part of ISIC 311/2) is included in ISIC 351-352 combined; asbestos spinning and weaving (part of ISIC 369) in ISIC 321; made-up textile goods, except wearing apparel (part of ISIC 321) in ISIC 322; repair of footwear in ISIC 324; industrial furnaces and ovens, cooking ranges and ovens, tanks, small arms, ordnance and artillery (part of ISIC 382), invalid and baby carriages (part of ISIC 384), and laboratory equipment (part of ISIC 385) in ISIC 381; aircraft engines (part of ISIC 384) in ISIC 382; typewriters, calculators, cash registers and scales (part of ISIC 382) and jewellery and related articles (part of ISIC 390) in ISIC 385; electric lamps and tubes (part of ISIC 383) in ISIC 390.

Reference period (if not calendar year):

Scope:

All enterprises with 20 or more persons engaged. The enterprise, classified by kind of activity, is the basic reference unit. Multi-unit enterprises with more than 250 persons engaged are required to furnish data separately for each unit.

Method of enumeration:

Not reported

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Number of employees refers to the average number over the year.

Wages and salaries relates to gross earnings of employees and includes basic wages and salaries, cost-of-living allowances, overtime and vacation pay, bonuses and payments in kind.

Output is gross output. It is net of indirect taxes and subsidies and is calculated on a shipment basis. It covers the values of goods produced, receipts for work done for others, fixed assets produced for own use, sales of goods purchased and resold without further processing, and receipts for non-industrial services rendered.

Value added is 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.

Gross fixed capital formation represents the value of the acquisition of new and used fixed assets with an expected productive life of one year or more, including own-account construction. Also included are investments of a social nature and costs of major repairs and other expenditures on fixed assets. Sales of fixed assets are not deducted.

Related national publications:

Fatturato, prodotto lordo e investimenti delle imprese industriali: supplements to Bollettino Mensile di Statistica, published by the National Institute of Statistics, Rome.

Italy

ISIC Industry	Note	Number of enterprises (numbers)				Note	Number of employees (thousands)				Note	Wages and salaries paid to employees (billion LIRE)			
		1988	1989	1990	1991		1988	1989	1990	1991		1988	1989	1990	1991
311-2 Food Products		1740	1762	1707	1727		163.1	157.5	162.7	164.4		3819	6427	7072	8139
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		294	296	279	271		26.5	26.9	25.2	24.1		1066	1196	1302	1366
3131 Distilling, rectifying and blending spirits															
3132 Wine industries															
3133 Malt liquors and malt															
3134 Soft drinks and carbonated waters															
314 Tobacco		19	21	22	18		16.4	16.1	15.8	15.1		386	468	642	621
321 Textiles		3296	3410	3182	3137		231.7	234.4	224.1	232.4		4614	7460	7773	8361
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		2627	2921	2739	2842		153.8	156.8	152.9	154.2		2663	4032	4672	4691
323 Leather and fur products		590	612	568	551		28.6	28.9	27.1	27.0		560	661	601	664
3231 Tanneries and leather finishing															
3232 Fur dressing and dyeing industries															
3233 Leather prods. excl. wearing apparel															
324 Footwear, except rubber or plastic		1566	1618	1519	1544		77.0	78.2	74.3	73.7		1226	1866	1947	2079
331 Wood products, except furniture		846	879	846	847		36.3	37.2	37.1	37.3		660	1149	1221	1362
3311 Sawmills, planing and other wood mills															
3312 Wooden and cane containers															
3319 Other wood and cork products															
332 Furniture and fixtures, excl. metal		1442	1476	1417	1404		66.4	68.4	65.1	69.3		1268	2146	2321	2589
341 Paper and products		681	719	686	701		59.5	62.1	61.9	61.8		1622	2498	2726	2964
3411 Pulp, paper and paperboard articles			153	143	142			26.3	23.6	23.3			1128	1141	1263
3412 Containers of paper and paperboard															
3419 Other pulp, paper and paperboard articles															
342 Printing and publishing		1005	1062	1028	1048		83.8	84.6	82.7	84.3		2698	4437	4717	6198
351 Industrial chemicals		347	347	337	325		93.8	91.8	86.6	85.1		6428a/	4462	4393	4731
3511 Basic chemicals excl. fertilizers			125	120	118			42.4	42.8	37.9			2194	2166	2181
3512 Fertilizers and pesticides			50	45	46			11.9	10.3	9.9			564	567	638
3513 Synthetic resins and plastic materials			172	177	161			37.6	33.6	37.4			1704	1668	2012
352 Other chemicals		506	501	480	472		62.6	62.3	60.8	61.4		a/	2404	2679	2924
3521 Paints, varnishes and lacquers			164	152	150			12.9	12.6	12.3			583	634	677
3522 Drugs and medicines			216b/	213b/	204b/			19.9b/	19.9b/	19.6b/			899b/	1096b/	1166b/
3523 Soap, cleaning preps, perfumes, cosmetics			121	115	118			19.5	18.2	19.4			922	949	1091
3529 Other chemical products			b/	b/	b/			b/	b/	b/			b/	b/	b/
353 Petroleum refineries		42	29	27	26		17.0	11.2	13.1	16.4		637c/	612	844	1034

354 Misc petroleum and coal products	66	73	69	77	4 6	6 0	5 7	5 8	c/	279	264	318
355 Rubber products	344	336	336	342	47 9	46 1	46 8	44 7	1214	1867	1998	2067
3551 Tyres and tubes												
3559 Other rubber products												
356 Plastic products	1370	1474	1429	1411	85 2	90 9	91 9	90 8	1944	3299	3696	3841
361 Pottery, china, earthenware	535	540	510	506	62 3	64 1	62 2	61 3	3746d/	2100	2221	2413
362 Glass and products	279	285	276	276	30 8	31 3	30 1	30 7	d/	1246	1308	1448
369 Other non-metallic mineral products	1030	1032	992	970	65 5	64 5	64 2	65 0	d/	2472	2653	2979
3691 Structural clay products												
3692 Cement, lime and plaster												
3699 Other non-metallic mineral products												
371 Iron and steel	1022	1027	1005	1003	152 4	160 0	142 1	135 9	3930	6421	6420	6663
372 Non-ferrous metals	309	318	304	301	37 1	37 5	35 3	36 3	971	1692	1620	1831
381 Fabricated metal products	2755	2945	2876	2930	164 9	169 0	169 1	171 6	3749	6026	6577	7366
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	4348	4652	4517	4607	376 0	384 7	379 5	376 0	6436	16261	17183	18624
3821 Engines and turbines		60	59	56		14 4	14 3	14 6		594	660	744
3822 Agricultural machinery and equipment		337	304	278		28 9	28 0	26 1		1118	1139	1096
3823 Metal and wood working machinery		1236	1207	1182		76 8	76 6	74 4		3203	3492	3687
3824 Other special industrial machinery		1482	1449	1466		116 6	116 0	117 3		4919	6311	6966
3825 Office, computing and accounting machinery		106	101	111		27 9	24 7	23 4		1444	1344	1411
3829 Other non-electrical machinery & equipment		1431	1397	1514		121 0	120 0	120 1		4973	6247	6730
383 Electrical machinery	1617	1742	1734	1772	260 8	264 3	266 2	262 7	6739	10862	11871	12716
3831 Electrical industrial machinery		828	816	827		102 0	99 1	98 6		4071	4346	4661
3832 Radio, television and communication equipment		280	264	277		69 9	68 2	64 5		3104	3247	3376
3833 Electrical appliances and housewares		188	186	179		39 5	42 3	44 0		1484	1692	1936
3839 Other electrical apparatus and supplies		446	468	489		62 9	56 6	66 7		2203	2686	2762
384 Transport equipment	880	899	913	932	320 9	318 1	320 5	316 1	6962	13162	14118	14669
3841 Shipbuilding and repairing		134	142	147		25 5	25 4	25 0		978	1018	1132
3842 Railroad equipment		45	40	35		31 7	29 0	28 1		1394	1371	1415
3843 Motor vehicles		553	568	562		201 2	206 9	201 1		8291	8982	9076
3844 Motorcycles and bicycles		127	122	123		16 7	17 0	16 8		684	641	708
3845 Aircraft		31	32	33		41 4	41 8	42 6		1860	2063	2291
3849 Other transport equipment		9	9	12		1 6	1 4	1 5		66	63	66
385 Professional and scientific equipment	419	430	411	417	32 5	34 1	34 3	34 1	622	1324	1430	1563
3851 Prof and scientific equipment n e c		265	258	255		20 3	20 2	19 9		825	886	952
3852 Photographic and optical goods		147	135	146		12 7	12 7	13 2		464	479	566
3853 Watches and clocks		18	18	16		1 2	1 4	1 0		46	66	46
390 Other manufacturing industries	701	780	758	796	32 9	35 8	36 1	36 9	633	1017	1667	1266
3901 Jewellery and related articles												
3902 Musical instruments												
3903 Sporting and athletic goods												
3909 Manufacturing industries, n e c												
3 Total manufacturing	30666	32186	30966	31261	270 1	2793 6	2767 2	2761 3	64621	107917	116936	124696

a/ 351 includes 352
c/ 353 includes 354

b/ 3622 includes 3629
d/ 381 includes 382 and 369

Italy

ISIC Industry	Note	Output (billion LIRE)				Note	Value added (billion LIRE)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1988	1989	1990	1991		1988	1989	1990	1991	1988	1991	1988	1991
311/2 Food Products		50017	55000	59617	65659		9891	10062	11500	13486	19.8	20.6	38.6	60.4
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		7970	7782	9371	9486		2287	2170	2414	2397	28.7	25.3	46.6	56.9
3131 Distilling, rectifying and blending spirits														
3132 Wine industries														
3133 Malt liquors and malt														
3134 Soft drinks and carbonated waters														
314 Tobacco		4863	5244	5036	5293		654	925	666	737	13.4	13.9	58.9	84.3
321 Textiles		34359	37670	39250	39471		11730	11929	12373	13016	34.1	33.0	39.3	64.2
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		16040	19003	20529	21734		6367	5983	5842	5937	33.5	31.9	60.0	66.2
323 Leather and fur products		5917	6883	6305	6403		1484	1466	1479	1643	25.1	25.7	37.1	59.9
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather products excl. wearing apparel														
324 Footwear, except rubber or plastic		7912	9148	10090	10161		2561	2511	2673	2911	32.4	28.6	47.9	71.4
331 Wood products, except furniture		5261	5941	6332	6903		1719	1835	1936	2060	32.7	29.8	39.6	66.1
3311 Sawmills, planing and other wood mills														
3312 Wooden and cane containers														
3319 Other wood and cork products														
332 Furniture and fixtures, excl. metal		9184	10331	11584	12119		2999	3188	3475	3738	32.7	30.8	42.3	69.3
341 Paper and products		13160	14928	15484	15284		3968	4201	4545	4831	30.2	31.6	38.4	61.4
3411 Pulp, paper and paperboard articles			6709	6248	5986			1909	1907	2007		33.5		62.4
3412 Containers of paper and paperboard														
3419 Other pulp, paper and paperboard articles														
342 Printing and publishing		14411	16427	16171	16698		6375	7009	7394	8007	44.2	48.0	42.3	64.9
351 Industrial chemicals		25370	28653	26214	26393		8299	8044	7076	8453	32.1	24.4		73.3
3511 Basic chemicals excl. fertilizers			12550	12084	12180			3982	3631	3077		26.3		70.9
3512 Fertilizers and pesticides			2832	2667	2629			753	663	629		23.9		85.5
3513 Synthetic resins and plastic materials			13271	11263	11554			3309	2782	2747		23.7		73.2
352 Other chemicals		13231	13929	15234	16404		4381	4440	4761	5027	33.1	30.6		68.2
3521 Paints, varnishes and lacquers			3170	3266	3307			1006	1031	1096		33.2		61.7
3522 Drugs and medicines			4365a/	5379a/	5521a/			1801a/	2028a/	1973a/		35.7		68.6
3523 Soap, cleaning preps., perfumes, cosmetics			6394	6589	7576			1633	1702	1966		26.8		65.8
3529 Other chemical products			a/	a/	a/			a/	a/	a/				
353 Petroleum refineries		28230	14392	22736	26535		1930	1345	2058	2662	6.8	9.7		40.4

354 Misc. petroleum and coal products	2330	3788	1855	4980	354	699	487	614	15.2	12.4	61.8
355 Rubber products	6045	8215	6999	8851	2602	2678	2701	2869	43.0	41.9	48.7
3551 Tyres and tubes	..	..	..	..	..	..	..	..	..	..	..
3559 Other rubber products	..	..	..	..	..	..	..	..	..	..	..
356 Plastic products	14787	17220	17917	18601	4804	5299	5760	6100	32.5	32.8	40.5
361 Pottery, china, earthenware	6372	7417	7804	7797	3047	3406	3425	3549	47.8	46.5	68.0
362 Glass and products	4430	4941	6116	5274	2107	1991	2005	2124	47.6	40.3	68.2
369 Other non-metallic mineral products	10693	11796	13099	14382	4622	4630	5151	5635	43.2	39.3	62.8
3691 Structural clay products	..	..	..	..	..	..	..	..	..	..	..
3692 Cement, lime and plaster	..	..	..	..	..	..	..	..	..	..	..
3699 Other non-metallic mineral products	..	..	..	..	..	..	..	..	..	..	..
371 Iron and steel	33899	40906	35270	33122	9788	10706	9725	8858	28.9	26.7	40.2
372 Non-ferrous metals	9884	11784	9809	9377	2559	2614	2142	2103	25.9	22.4	37.9
381 Fabricated metal products	22684	25567	26667	28891	8547	8989	9601	10737	37.7	37.4	43.9
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	61336	68677	70844	70929	21988	24127	24357	25343	35.8	36.7	29.3
3821 Engines and turbines	..	2500	2561	3029	..	854	853	958	..	31.6	77.7
3822 Agricultural machinery and equipment	..	5717	4944	4345	..	1600	1436	325	..	30.6	82.7
3823 Metal and wood working machinery	..	12297	12857	12511	..	4641	4821	4865	..	38.9	76.8
3824 Other special industrial machinery	..	20883	22953	23142	..	7186	7551	8151	..	36.3	73.0
3825 Office, computing and accounting machinery	..	7803	8427	7262	..	2057	1792	1810	..	24.9	78.0
3829 Other non-electrical machinery & equipment	..	19477	19102	20639	..	7889	7894	8224	..	39.8	59.7
383 Electrical machinery	38395	44001	47049	49127	15148	15423	17960	18774	39.5	38.2	44.5
3831 Electrical industrial machinery	..	14940	15830	14940	..	5833	6223	6513	..	41.1	71.4
3832 Radio, television and communication equipm.	..	11783	12244	12756	..	5025	5162	5214	..	40.8	64.7
3833 Electrical appliances and housewares	..	7439	8100	9355	..	2059	2414	2901	..	31.0	62.7
3839 Other electrical apparatus and supplies	..	9839	10843	11156	..	3506	4151	4146	..	37.1	66.4
384 Transport equipment	50171	55578	54937	52968	17013	18089	17432	16745	33.9	31.6	40.9
3841 Shipbuilding and repairing	..	3155	3075	3859	..	788	898	940	..	24.2	..
3842 Railroad equipment	..	2698	2431	2705	..	994	797	1026	..	37.9	..
3843 Motor vehicles	..	41002	41115	38027	..	12532	11906	11046	..	29.0	82.2
3844 Motorcycles and bicycles	..	2567	2785	2842	..	834	987	975	..	34.3	72.6
3845 Aircraft	..	5785	5280	5208	..	2744	2763	2655	..	61.0	86.3
3849 Other transport equipment	..	370	269	297	..	97	81	102	..	34.3	66.7
385 Professional and scientific equipment	3610	4335	4790	5150	1681	1921	2110	2259	45.5	43.9	37.0
3851 Prof. and scientific equipment n.e.c.	..	2895	3018	3018	..	1184	1277	1283	..	42.5	74.2
3852 Photographic and optical goods	..	1499	1625	1903	..	675	730	896	..	47.1	61.9
3853 Watches and clocks	..	141	267	231	..	62	103	80	..	34.6	57.5
390 Other manufacturing industries	5330	6310	6822	7057	1485	1603	2265	1835	27.9	26.0	42.5
3901 Jewellery and related articles	..	..	..	..	..	..	..	..	..	..	..
3902 Musical instruments	..	..	..	..	..	..	..	..	..	..	..
3903 Sporting and athletic goods	..	..	..	..	..	..	..	..	..	..	..
3909 Manufacturing industries, n.e.c.	..	..	..	..	..	..	..	..	..	..	..
3 Total manufacturing	506391	553867	572731	592809	159390	168283	173405	181351	31.5	30.6	40.5

a/ 3522 includes 3529

Italy

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(billion LIRE)					(1980=100)								
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 Food Products		2263	2155	2413	2459		103	105	109	114	115	115	117	120	120
313 Beverages		466	470	482	536		125	140	142	156	163	162	161	158	157
314 Tobacco		109	73	102	133		107	103	96	92	93	84	79	74	75
321 Textiles		2295	2224	2875	2173		97	101	105	105	112	110	111	110	105
322 wearing apparel, except footwear		461	415	530	469		96	96	92	93	93	92	92	96	82
323 Leather and fur products		137	137	138	133		116	110	107	107	103	104	100	94	98
324 Footwear, except rubber or plastic		203	205	216	231		86	84	77	74	72	74	68	70	70
331 Wood products, except furniture		314	351	439	471		81	79	85	94	94	90	90	99	98
332 Furniture and fixtures, excl metal		411	482	492	523		87	94	103	110	115	120	127	126	124
341 Paper and products		939	961	1575	1284		100	103	109	114	117	119	116	119	119
342 Printing and publishing		995	822	700	676		73	80	83	93	96	93	90	84	80
351 Industrial chemicals		1641	1924	1995	2062		95	96	101	105	104	102	96	96	92
352 Other chemicals		658	723	727	763		...	...	...	...	...	...	...	...	...
353 Petroleum refineries		960	815	853	1058	a/	79	86	84	85	86	91	91	94	95
354 Misc petroleum and coal products		81	199	198	204	a/	...	...	...	...	...	...	...	...	...
355 Rubber products		449	449	464	411		97	101	103	125	126	119	112	106	103
356 Plastic products		1080	1140	1140	1253		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		582	685	534	525	b/	87	87	89	96	101	105	104	101	94
362 Glass and products		455	515	484	534	b/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		922	1119	1226	1440	b/	...	...	...	...	...	...	...	...	...
371 Iron and steel		1588	1906	2785	3225		92	89	93	100	104	100	98	97	94
372 Non-ferrous metals		510	627	716	703		98	107	110	123	127	122	131	132	126
381 Fabricated metal products		1229	1313	1463	1512		75	75	81	87	89	88	83	82	78
382 Non-electrical machinery		2774	3151	3083	2922		98	103	105	113	119	119	107	100	100
383 Electrical machinery		2205	2603	2867	2830		109	113	122	124	130	130	129	123	121
384 Transport equipment		3275	3241	3751	4121		100	122	120	137	140	141	135	128	106
385 Professional and scientific equipment		183	245	227	214		91	94	99	112	116	92	78	81	72
390 Other manufacturing industries		157	210	201	215		...	...	...	...	...	...	...	...	...
3 Total manufacturing		27341	29160	32676	33080		95	99	102	108	111	111	108	106	102

a/ 353 includes 354

b/ 361 includes 362 and 369.

JAPAN

Supplier 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. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual census of manufactures.

Major deviations from current version of ISIC:

None reported.

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

All establishments classified under manufacturing except those belonging to the government and public service corporations. Since 1981 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. Investment figures cover establishments with 30 or more persons engaged.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Persons engaged refers to the number at the end of the year, full- or part-time. Persons engaged comprises employees (including apprentices and temporary workers, meeting minimum time requirements), working proprietors and unpaid family workers. Temporary and daily workers are excluded, though their remuneration is included in wages and salaries.

Wages and salaries paid to employees relates to total cash payments, including basic wages, bonuses and other premiums, allowances and employees' retirement and termination allowances. Output represents the value of shipments of finished goods, adjusted for changes in stocks of finished goods and work in progress. Receipts for contract and repair and maintenance work are included. The value of goods shipped in the same condition as received is excluded.

Value added is output less the cost of materials and fuels consumed, electricity purchases, contract work and indirect taxes, depreciation, and purchases of non-industrial services. Receipts for non-industrial services performed for others are excluded. Input estimates are made on a received basis, not allowing for changes in stock levels.

Gross fixed capital formation 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.

Related national publications:

Census of Manufactures (annual), published by MITI, Tokyo.

Japan

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(billion YEN)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		46994	45941	44947	45711	1138	1153	1165	1185		3096	3263	3418	3521	
3111 Slaughtering, preparing & preserving meat		16072	15789	15511	15965	419	427	438	451		1116	1189	1260	1312	
3112 Dairy products		866	841	829	823	45	45	45	45		178	182	188	193	
3113 Canning, preserving of fruits & vegetables		2671	2697	2642	2673	63	64	64	64		145	152	160	163	
3114 Canning, preserving and processing of fish		10438	10366	10096	10119	209	212	212	213		460	484	505	519	
3115 Vegetable and animal oils and fats		545	542	549	549	12	11	12	12		51	52	60	58	
3115 Grain mill products		1016	989	955	971	18	18	18	18		77	78	82	83	
3117 Bakery products		12786	12187	11916	12162	297	299	301	308		800	842	874	906	
3118 Sugar factories and refineries		147	143	132	129	8	8	8	7		40	40	40	40	
3119 Cocoa, chocolate and sugar confectionery		1379	1330	1300	1295	47	49	47	47		142	152	158	157	
3121 Other food products		455	447	427	428	7	7	7	7		30	29	30	29	
3122 Prepared animal feeds		619	610	590	597	13	13	13	13		58	61	61	62	
313 Beverages		3746	3516	3422	3637	74	72	71	73		269	277	285	293	
3131 Distilling, rectifying and blending spirits		2329	2261	2214	2177	50	48	48	47		186	170	176	179	
3132 Wine industries		90	85	85	86	2	2	2	2		6	6	6	6	
3133 Malt liquors and malt		35	36	36	37	11	11	11	11		67	72	70	73	
3134 Soft drinks and carbonated waters		1292	1134	1087	1337	12	11	11	13		30	30	31	35	
314 Tobacco		36	34	34	31	9	9	9	9		79	58	60	59	
321 Textiles		39885	38717	36807	35370	634	624	597	561		1711	1763	1754	1678	
3211 Spinning, weaving and finishing textiles		18182	17300	16153	14975	304	293	273	249		924	936	914	867	
3212 Made-up textile goods excl. wearing apparel		7444	7289	7039	7090	91	94	91	89		216	237	239	237	
3213 Knitting mills		9701	9948	9619	9206	175	178	174	165		379	395	403	390	
3214 Carpets and rugs		2546	2268	2170	2335	25	23	22	22		64	62	61	65	
3215 Cordage, rope and twine		650	605	560	533	11	11	10	9		31	32	31	29	
3219 Other textiles		1362	1307	1266	1231	28	28	28	28		97	101	106	100	
322 Wearing apparel, except footwear		24611	24427	23411	22703	488	491	477	460		913	974	982	933	
323 Leather and fur products		3977	4036	3865	3636	44	45	43	40		116	123	124	116	
3231 Tanneries and leather finishing		747	713	682	604	9	9	9	8		32	32	32	28	
3232 Fur dressing and dyeing industries		15	12	10	6						1	1			
3233 Leather prods. excl. wearing apparel		3215	3111	3173	3026	35	36	34	32		84	91	91	87	
324 Footwear, except rubber or plastic		1818	1861	1836	1743	34	35	34	32		97	101	103	96	
331 Wood products, except furniture		26753	25783	24793	24738	303	295	285	282		890	912	923	930	
3311 Sawmills, planing and other wood mills		20905	20201	19539	19504	242	235	228	227		717	733	744	754	
3312 Wooden and cane containers		1796	1698	1561	1581	21	21	20	19		59	62	61	61	
3319 Other wood and cork products		4052	3884	3693	3653	40	39	37	35		114	116	118	116	
332 Furniture and fixtures, excl. metal		10918	10772	10371	10100	168	165	159	152		525	544	548	526	
341 Paper and products		9974	9760	9503	9611	257	255	254	252		1011	1043	1077	1092	
3411 Pulp, paper and paperboard articles		654	643	643	665	65	65	65	64		336	343	354	355	
3412 Containers of paper and paperboard		7531	7392	7185	7255	149	149	148	149		522	551	568	581	
3419 Other pulp, paper and paperboard articles		1789	1725	1675	1681	43	41	41	40		153	149	155	157	
342 Printing and publishing		31073	30445	29486	30076	581	595	594	590		2673	2853	2936	2963	
351 Industrial chemicals		1853	1870	1875	1848	179	180	184	181		1009	1039	1085	1092	
3511 Basic chemicals excl. fertilizers		1279	1287	1299	1277	92	92	95	93		526	537	570	566	
3512 Fertilizers and pesticides		294	307	297	290	13	14	13	13		66	72	68	72	
3513 Synthetic resins and plastic materials		280	276	279	281	73	74	75	75		417	430	448	454	
352 Other chemicals		3499	3521	3465	3492	222	226	232	232		1124	1175	1238	1262	
3521 Paints, varnishes and lacquers		595	595	584	590	27	28	28	29		146	157	161	167	
3522 Drugs and medicines		1144	1125	1113	1104	99	99	100	100		603	624	645	663	
3523 Soap, cleaning preps, perfumes, cosmetics		784	799	792	802	44	47	48	49		198	214	227	229	
3529 Other chemical products		976	1002	976	996	52	52	55	54		277	280	306	303	
353 Petroleum refineries		181	190	183	186	21	21	21	22		144	163	158	165	

354 Misc petroleum and coal products	893	903	909	939	12	13	13	13	56	59	65	67
355 Rubber products	4260	4238	4124	4149	152	153	152	149	616	644	671	646
3551 Tyres and tubes	63	61	66	61	27	27	28	25	154	180	165	146
3559 Other rubber products	4197	4177	4058	4088	126	126	124	123	462	484	505	500
356 Plastic products	21634	21846	21137	21201	466	477	466	463	1653	1716	1748	1766
361 Pottery, china, earthenware	3750	3775	3650	3483	69	68	66	63	217	222	226	217
362 Glass and products	1420	1411	1368	1387	70	71	69	66	310	326	328	319
369 Other non-metallic mineral products	15516	15427	15152	15243	316	317	317	313	1201	1274	1320	1321
3691 Structural clay products	1918	1873	1784	1754	4b	45	43	41	185	169	168	161
3692 Cement, lime and plaster	209	211	211	225	13	13	14	12	70	78	80	70
3699 Other non-metallic mineral products	13389	13343	13157	13264	257	260	260	260	966	1029	1073	1089
371 Iron and steel	6477	6407	6206	6194	338	340	331	322	1888	1966	1932	1898
372 Non-ferrous metals	3606	3492	3333	3330	123	124	121	120	572	606	615	600
381 Fabricated metal products	53216	52369	50676	51542	889	917	897	900	3428	3806	3867	3902
3811 Cutlery, hand tools and general hardware	3944	3931	3820	3709	61	61	60	68	216	229	233	226
3812 Furniture and fixtures primarily of metal	1093	1096	1062	1042	29	30	28	28	116	123	117	119
3813 Structural metal products	23249	23146	22774	23693	354	376	373	384	1414	1636	1699	1766
3819 Other fabricated metal products	24930	24157	23020	23098	445	451	437	430	1683	1818	1819	1801
382 Non-electrical machinery	50159	49746	47761	47308	1406	1431	1403	1343	6336	6725	6708	6512
3821 Engines and turbines	236	242	246	243	41	34	37	36	286	237	247	253
3822 Agricultural machinery and equipment	1069	1028	988	996	12	31	30	30	128	130	130	134
3823 Metal and wood working machinery	10430	10070	9341	9200	117	219	205	191	982	1038	988	911
3824 Other special industrial machinery	9563	9389	9148	9063	255	284	262	237	1233	1327	1277	1210
3825 Office, computing and accounting machinery	4858	4947	4692	4545	290	293	292	278	1130	1208	1241	1225
3829 Other non-electrical machinery & equipment	24003	24070	23346	23272	571	590	586	570	2677	2786	2826	2779
383 Electrical machinery	34800	35658	33865	32829	1824	1871	1817	1731	6723	7269	7347	7233
3831 Electrical industrial machinery	10146	10540	10337	10258	392	406	398	385	1616	1606	1626	1594
3832 Radio, television and communication equipm.	15740	15973	14842	14065	1028	1037	1007	966	3646	3966	3987	3999
3833 Electrical appliances and housewares	2812	2950	2840	2752	130	137	134	128	481	621	642	628
3839 Other electrical apparatus and supplies	6192	6195	5846	5764	273	281	278	267	1079	1166	1193	1112
384 Transport equipment	15168	15134	14850	14948	929	970	959	944	4636	4943	4983	4926
3841 Shipbuilding and repairing	2214	2192	2151	2163	76	77	79	79	348	373	411	427
3842 Railroad equipment	440	434	443	455	15	16	19	18	76	83	107	98
3843 Motor vehicles	11184	11201	10997	11098	789	829	812	800	3883	4260	4226	4164
3844 Motorcycles and bicycles	730	728	683	656	18	18	17	16	61	66	66	58
3845 Aircraft	219	213	221	231	26	25	26	27	146	141	154	161
3849 Other transport equipment	381	366	365	346	6	5	5	5	21	20	21	18
385 Professional and scientific equipment	6045	5969	5529	5387	216	219	202	183	838	887	832	762
3851 Prof and scientific equipment n e c	2650	2649	2531	2614	84	88	83	76	368	388	367	336
3852 Photo graphic and optical goods	2678	2609	2373	2200	85	86	78	70	303	319	297	269
3853 Watches and clocks	717	701	625	573	47	46	41	37	177	180	168	167
390 Other manufacturing industries	13735	13176	12555	12848	220	217	220	210	723	762	806	779
3901 Jewellery and related articles	1023	998	912	972	16	17	16	16	57	63	63	63
3902 Musical instruments	588	570	527	525	24	22	21	19	110	108	104	102
3903 Sporting and athletic goods	1161	1104	1054	1081	24	24	23	23	76	84	84	84
3909 Manufacturing industries, n e c	10963	10504	10062	10270	166	155	160	151	481	507	566	529
3 Total manufacturing	435997	430414	415112	413670	11173	11351	11157	10885	42656	45469	46137	46672

Japan

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		billion YEN					(billion YEN)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
1510 Industry														
311 2 Food Products		26084	27413	28196	27904		9654	10340	10935	10975	37.0	39.3	32.1	32.1
3111 Slaughtering, preparing & preserving meat		9678	10282	10712	10726		3748	4000	4328	4403	38.7	41.0	29.8	29.8
3112 Dairy products		2158	2190	2265	2250		667	701	751	734	39.9	32.6	26.4	26.3
3113 Canning, preserving of fruits & vegetables		919	973	1010	987		364	396	413	411	39.6	41.6	39.8	39.7
3114 Canning, preserving and processing of fish		3985	4385	4492	4291		1249	1381	1441	1418	31.3	33.0	36.8	36.6
3115 Vegetable and animal oils and fats		826	787	848	787		273	270	315	300	33.1	38.1	18.7	19.3
3116 Grain mill products		1624	1614	1648	1707		301	310	311	321	18.5	18.8	25.6	25.9
3117 Bakery products		3848	4152	4217	4310		1987	2186	2229	2277	51.6	52.8	40.3	39.8
3118 Sugar factories and refineries		513	484	485	452		152	142	155	157	29.6	34.7	26.3	25.5
3119 Cocoa, chocolate and sugar confectionery		1113	1186	1215	1169		574	618	651	625	51.6	53.6	24.7	25.1
3121 Other food products		229	224	220	218		95	87	93	94	41.5	43.1	31.6	30.9
3122 Prepared animal feeds		1191	1136	1084	1007		244	249	248	235	20.5	23.3	23.8	26.4
313 Beverages		4668	4739	4745	4734		1492	1520	1497	1505	32.0	31.8	18.0	19.5
3131 Distilling, rectifying and blending spirits		1993	1963	1939	1957		898	902	891	910	45.1	46.5	18.5	19.7
3132 Wine industries		36	35	34	32		17	17	18	17	47.2	53.1	35.3	35.3
3133 Malt, liquors and malt		2312	2420	2439	2377		486	504	490	471	21.0	19.8	13.8	15.5
3134 Soft drinks and carbonated waters		326	322	333	369		91	96	98	107	27.9	29.0	33.0	32.7
314 Tobacco		2353	2476	2629	2582		290	356	381	421	12.3	16.3	27.2	14.0
321 Textiles		9261	9475	9110	7981		3916	4044	3963	3514	42.3	44.0	43.7	47.8
3211 Spinning, weaving and finishing textiles		4710	4741	4411	3728		2056	2102	2013	1724	43.7	46.2	44.9	49.7
3212 Make-up textile goods excl. wearing apparel		1287	1416	1404	1273		535	576	577	538	41.6	42.3	40.4	44.1
3213 Knitting mills		2057	2116	2114	1893		827	866	871	782	40.2	41.3	45.8	49.9
3214 Carpets and rugs		462	451	414	409		161	153	148	151	34.8	36.9	39.8	43.0
3215 Cordage, rope and twine		160	160	145	127		69	70	65	55	43.1	43.3	44.9	52.7
3219 Other textiles		585	593	622	552		268	278	289	264	45.8	47.8	36.2	37.9
322 Wearing apparel, except footwear		3266	3516	3430	3095		1726	1888	1849	1680	52.8	54.3	52.9	55.5
323 Leather and fur products		733	755	709	626		270	293	283	246	36.8	39.3	43.0	47.2
3231 Tanners and leather finishing		233	218	194	157		63	69	65	51	27.0	32.5	50.8	54.9
3232 Fur dressing and dyeing industries		1	1	1	1		1	1	1	1				
3233 Leather prod. excl. wearing apparel		499	536	513	468		207	224	217	195	41.5	41.7	40.6	44.6
324 Footwear, except rubber or plastic		540	557	542	488		214	223	215	195	39.6	40.0	45.3	49.2
331 Wood products, except furniture		5224	5258	5055	5150		2028	2073	2009	1994	38.8	38.7	43.9	46.6
3311 Sawmills, planing and other wood mills		4516	4521	4358	4469		1681	1712	1654	1664	37.2	37.2	42.7	45.3
3312 Wooden and cane containers		258	277	259	249		111	122	115	107	43.0	43.0	53.2	57.0
3319 Other wood and cork products		449	460	438	432		236	244	230	223	52.3	51.6	48.5	51.6
332 Furniture and fixtures, excl. metal		2840	2913	2760	2569		1264	1312	1249	1154	44.5	44.9	41.5	45.6
341 Paper and products		8270	8381	8139	7828		3227	3256	3241	3253	39.0	41.6	31.3	33.6
3411 Pulp, paper and paperboard articles		3567	3546	3409	3217		1356	1351	1338	1381	38.0	42.3	24.8	26.1
3412 Containers of paper and paperboard		3690	3905	3810	3694		1400	1489	1487	1470	37.9	39.8	37.3	39.5
3419 Other pulp, paper and paperboard articles		1013	930	920	917		471	418	417	423	46.5	46.1	32.5	37.1
342 Printing and publishing		13195	13918	13745	13591		6941	7341	7348	7271	52.6	53.5	38.5	40.8
351 Industrial chemicals		12110	12468	11967	10947		5513	5681	5785	5382	45.5	49.2	18.3	20.3
3511 Basic chemicals excl. fertilizers		6165	6312	5944	5347		2729	2814	2762	2538	44.3	47.5	19.3	22.3
3512 Fertilizers and pesticides		704	752	715	717		258	290	270	257	36.6	35.8	25.6	28.0
3513 Synthetic resins and plastic materials		5240	5404	5309	4883		2527	2577	2753	2687	48.2	53.0	16.5	17.5
352 Other chemicals		11497	11927	12276	12275		6771	7015	7221	7331	58.9	59.7	16.6	17.2
3521 Paints, varnishes and lacquers		1366	1443	1389	1349		529	570	542	540	38.7	40.0	27.6	30.9
3522 Drugs and medicines		5173	5358	5536	5681		3569	3671	3760	3906	69.0	66.8	14.1	14.4
3523 Soap, cleaning preps., perfumes, cosmetics		2466	2599	2671	2661		1500	1556	1613	1612	60.8	60.6	13.7	14.2
3529 Other chemical products		2492	2527	2679	2584		1173	1219	1306	1273	47.1	49.3	23.6	23.8
353 Petroleum refineries		7602	8079	7738	7223		701	1117	1322	1503	9.2	20.8	20.5	11.0

354 Misc petroleum and coal products	787	789	765	735	223	230	233	236	28.3	32.1	24.7	28.4
355 Rubber products	3376	3523	3464	3196	1661	1724	1766	1636	48.9	61.2	37.3	39.4
3551 Tyres and tubes	1049	1067	1081	923	543	549	584	521	51.8	66.4	28.4	27.8
3559 Other rubber products	2327	2456	2383	2273	1108	1175	1172	1115	47.6	49.1	41.7	44.8
356 Plastic products	10768	11948	11489	10994	4459	4962	4918	4746	41.4	43.2	34.8	37.2
361 Pottery, china, earthenware	793	806	788	773	432	464	457	447	54.5	57.8	50.2	48.5
362 Glass and products	2128	2115	1946	1769	1226	1183	1122	1039	57.6	58.7	26.3	30.7
369 Other non-metallic mineral products	7750	8148	8041	7692	3859	4094	4087	3975	49.8	61.7	31.1	33.2
3691 Structural clay products	814	841	779	760	451	464	433	435	55.4	57.2	36.6	37.0
3692 Cement, lime and plaster	912	964	979	880	485	524	536	483	53.2	64.9	14.4	14.5
3699 Other non-metallic mineral products	6024	6343	6284	6052	2924	3106	3120	3067	48.5	60.6	33.0	35.6
371 Iron and steel	18310	18712	16485	14890	7028	7375	6756	6006	38.4	40.3	26.9	31.6
372 Non-ferrous metals	5617	5411	4858	4271	1734	1719	1631	1565	30.9	36.6	33.0	38.3
381 Fabricated metal products	20032	22026	21391	20079	9108	10103	9974	9487	45.5	47.2	37.6	41.1
3811 Cutlery, hand tools and general hardware	1064	1135	1097	997	519	562	547	503	48.8	60.6	41.4	44.9
3812 Furniture and fixtures primarily of metal	787	857	727	689	347	385	323	301	44.1	43.7	33.4	39.6
3813 Structural metal products	9309	10530	10542	9859	4003	4586	4720	4462	43.0	46.3	35.3	39.4
3819 Other fabricated metal products	8872	9505	9026	8534	4239	4570	4385	4217	47.8	49.4	39.7	42.7
382 Non-electrical machinery	43481	46462	42522	38335	18325	19596	17907	15816	42.1	41.3	34.6	41.2
3821 Engines and turbines	1837	1785	1805	1733	795	825	775	754	43.3	43.6	35.8	33.6
3822 Agricultural machinery and equipment	763	795	752	744	318	329	330	329	41.7	44.2	40.3	40.7
3823 Metal and wood working machinery	5321	5633	4312	3403	2564	2690	2174	1722	48.2	60.6	38.3	52.9
3824 Other special industrial machinery	8489	9045	7958	6674	3433	3769	3299	2748	40.4	41.2	35.9	44.0
3825 Office, computing and accounting machinery	12128	12989	12261	11480	4548	4734	4332	3773	37.5	32.9	24.8	32.6
3829 Other non-electrical machinery & equipment	14943	16216	15433	14301	6668	7249	6996	6492	44.6	45.4	38.6	42.8
383 Electrical machinery	48814	52837	48287	45536	19385	20949	18981	18138	39.7	39.8	34.7	39.9
3831 Electrical industrial machinery	8930	9793	9305	8786	3481	3828	3608	3457	39.0	39.3	43.6	46.1
3832 Radio, television and communication equipm	28312	30421	26981	25715	10972	11698	10218	9849	38.8	38.3	33.2	40.6
3833 Electrical appliances and housewares	4086	4583	4560	4118	1851	2049	2009	1862	45.3	45.7	26.0	28.4
3839 Other electrical apparatus and supplies	7486	8039	7442	6916	3080	3375	3146	2970	41.1	42.9	35.0	37.4
384 Transport equipment	46541	48659	49109	46530	13841	14138	13992	13593	29.7	29.2	32.8	36.2
3841 Shipbuilding and repairing	2307	2473	2762	2927	846	900	1075	1162	36.7	39.7	41.1	36.7
3842 Railroad equipment	370	389	524	461	147	156	223	211	39.7	46.8	51.7	46.4
3843 Motor vehicles	42423	44336	44303	41676	12261	12473	12037	11559	28.9	27.7	31.7	36.0
3844 Motorcycles and bicycles	508	520	499	464	231	235	239	230	45.5	49.6	26.4	25.2
3845 Aircraft	811	818	886	906	307	324	358	391	37.9	43.2	47.6	41.2
3849 Other transport equipment	121	121	135	97	49	50	58	40	40.5	41.2	42.9	45.0
385 Professional and scientific equipment	4472	4733	4255	3769	1853	1936	1764	1598	41.4	42.4	45.2	47.7
3851 Prof. and scientific equipment n e c	1835	1954	1751	1553	875	934	837	744	47.7	47.9	40.9	45.2
3852 Photographic and optical goods	1531	1711	1511	1260	567	647	596	519	40.9	41.2	45.4	51.8
3853 watches and clocks	1006	1068	993	956	311	355	332	335	30.9	35.0	55.9	46.9
390 Other manufacturing industries	4653	4932	5061	4782	1988	2142	2214	2066	42.7	43.2	36.4	37.7
3901 Jewellery and related articles	486	498	450	448	163	177	161	151	33.5	33.7	35.0	41.7
3902 Musical instruments	567	541	529	461	255	247	228	203	45.0	44.0	43.1	50.2
3903 Sporting and athletic goods	436	495	463	405	211	250	241	215	48.4	53.1	35.6	39.1
3909 Manufacturing industries, n e c	3154	3398	3619	3469	1359	1468	1584	1497	43.0	43.2	35.4	36.3
3 Total manufacturing	325163	342976	329513	310345	129122	137070	133087	126768	39.7	40.8	33.0	36.0

Japan

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(billion YEN)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		792	954	1033	959	104	105	104	108	110	111	114	113	113
313 Beverages		247	275	137	194	98	99	102	104	103	104	104	103	101
314 Tobacco		40	51	44	50	97	96	93	89	90	92	93	97	96
321 Textiles		336	401	320	245	98	94	92	93	92	90	88	85	76
322 Wearing apparel, except footwear		60	74	68	45	101	98	98	98	97	94	93	89	83
323 Leather and fur products		8	11	13	5	93	89	90	88	91	91	91	88	81
324 Footwear, except rubber or plastic		8	8	10	4	106	104	104	112	107	108	105	105	96
331 Wood products, except furniture		82	104	79	70	79	79	83	83	83	82	80	76	73
332 Furniture and fixtures, excl. metal		69	79	80	37									
341 Paper and products		616	770	443	428	112	115	122	132	141	147	152	148	145
342 Printing and publishing		531	612	626	518	106	106	107	113	115	118	123	126	132
351 Industrial chemicals		931	996	1077	929	106	106	112	120	127	132	136	136	132
352 Other chemicals		590	663	643	643	121	123	132	143	154	163	167	169	165
353 Petroleum refineries		183	266	296	523	83	80	78	80	84	93	99	104	107
354 Misc. petroleum and coal products		16	19	27	49	101	94	91	99	97	93	91	85	84
355 Rubber products		206	274	260	164	110	106	109	118	126	130	129	125	116
356 Plastic products		505	702	633	494	115	118	123	132	137	142	144	139	135
361 Pottery, china, earthenware		50	58	49	30	a/	96	96	106	108	112	112	106	102
362 Glass and products		182	216	155	107	a/								
369 Other non-metallic mineral products		326	403	361	333	a/								
371 Iron and steel		1068	1273	1299	1266	101	95	97	106	108	110	111	101	98
372 Non-ferrous metals		299	358	410	331	101	101	108	114	121	130	134	129	127
381 Fabricated metal products		702	928	921	752	97	97	101	110	115	119	119	113	109
382 Non-electrical machinery		1753	2183	1851	1374	136	135	138	162	178	185	187	160	143
383 Electrical machinery		2597	3167	2619	2011	203	207	224	259	276	294	315	284	203
384 Transport equipment		2238	2833	2813	1848	108	106	106	113	123	132	133	131	122
385 Professional and scientific equipment		215	267	198	134	148	156	153	164	172	191	198	162	143
390 Other manufacturing industries		108	145	148	107	101	103	103	121	135	164	164	162	146
3 Total manufacturing		14757	18092	16613	13644	120	119	123	136	143	150	154	144	139

a/ 361 includes 362 and 369

JORDAN

Supplier of information:

Department of Statistics, Amman.

Basic source of data:

Annual survey of manufacturing establishments.

Major deviations from current version of ISIC:

None reported.

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

All establishments.

Method of enumeration:

Prior to 1991, establishments with less than 20 persons engaged are sampled, and establishments with 20 or more persons engaged are completely enumerated. Beginning 1991, sampling is used for all establishments.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Number of employees is as of 30 June of the reference year.

Output is gross output and includes gross revenues from goods shipped in the same condition as received.

Value added is total value added.

Related national publications:

Industry Survey (annual); Statistical Yearbook, both published by the Department of Statistics, Amman.

Jordan

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (thousand DINARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
1512 Food Products		1559	1616	2041	2172		7819	9118	10296	10610		11334	13892	16688	16696
3111 Slaughtering, preparing & preserving meat		28	32		39		307	392		810		279	630		1341
3112 Dairy products		124	125		345		853	885		1416		1974	1704		2244
3113 Canning, preserving of fruits & vegetables		5	7		6		555	506		793		786	768		1450
3114 Canning, preserving and processing of fish		-	-		-		-	-		-		-	-		-
3115 Vegetable and animal oils and fats		91	74		84		326	284		418		409	482		865
3116 Grain mill products		42	69		117		451	515		636		1097	1187		1271
3117 Bakery products		1164	1201		1418		4086	5213		5617		4981	6697		7940
3118 Sugar factories and refineries		-	-		-		-	-		-		-	-		-
3119 Cocoa, chocolate and sugar confectionery		35	34		44		862	735		338		954	1152		422
3121 Other food products		53	56		98		246	447		491		422	816		790
3122 Prepared animal feeds		17	18		21		153	141		91		433	457		373
313 Beverages		15	17	17	23		819	829	1000	1290		1855	2112	2568	3066
3131 Distilling, rectifying and blending spirits		3a	4a		5a		184a	225a		277a		488a	528a		681a
3132 Wine industries		a	a		a		a	a		a		a	a		a
3133 Malt liquors and malt		a	a		a		a	a		a		a	a		a
3134 Soft drinks and carbonated waters		12	13		18		635	603		1013		1367	1584		2385
314 Tobacco		4	4	4	4		810	947	95	1003		3006	3896	3571	3457
321 Textiles		147	148	202	214		1367	1654	1939	2189		2494	2906	3648	3706
3211 Spinning, weaving and finishing textiles		20	22		25		731	778		941		1768	1950		1961
3212 Made-up textile goods excl. wearing apparel		77	72		94		148	175		218		217	202		343
3213 Knitting mills		48	47		74		395	481		610		339	476		583
3214 Carpets and rugs		2	7		21		93	220		420		170	278		814
3215 Cordage, rope and twine		-	-		-		-	-		-		-	-		-
3219 Other textiles		-	-		-		-	-		-		-	-		-
322 Wearing apparel, except footwear		1268	1321	1535	1536		2249	2877	3333	3677		2629	3767	4727	3802
323 Leather and fur products		59	59	67	68		412	437	288	265		547	834	1004	888
3231 Tanneries and leather finishing		29	28		31		280	290		186		401	741		767
3232 Fur dressing and dyeing industries		-	-		-		-	-		-		-	-		-
3233 Leather goods excl. wearing apparel		30	31		37		132	147		80		146	93		121
324 Footwear, except rubber or plastic		165	162	288	291		611	771	1074	1020		1081	1396	1499	1612
331 Wood products, except furniture		711	727	782	793		613	932	1254	1006		700	1087	1635	1224
3311 Sawmills, planing and other wood mills		563	579		627		399	687		796		463	793		1018
3312 Wooden and cane containers		12	12		21		108	108		61		126	132		48
3319 Other wood and cork products		136	136		145		108	137		148		111	162		158
332 Furniture and fixtures, excl. metal		1495	1528	2002	2015		2315	2693	4356	4661		3083	3536	6099	6439
341 Paper and products		26	27	27	35		1606	1892	1636	2307		3572	4104	3833	5377
3411 Pulp, paper and paperboard articles		5	4		8		278	229		634		438	430		1672
3412 Containers of paper and paperboard		15	16		18		590	738		415		1807	1853		1322
3419 Other pulp, paper and paperboard articles		6	7		9		737	925		1258		1327	1821		2323
342 Printing and publishing		216	228	283	281		1804	1968	2683	2815		4103	4484	6697	6772
351 Industrial chemicals		24	20	23	26		1474	1725	1866	1985		5972	7269	8287	6944
3511 Basic chemicals excl. fertilizers		11	10		11		444	336		475		1093	927		1408
3512 Fertilizers and pesticides		3	2		5		774	1017		1122		4179	5519		4838
3513 Synthetic resins and plastic materials		10	8		10		256	370		388		700	823		698
352 Other chemicals		40	49	87	89		3328	3823	6121	6222		9411	10232	13563	13783
3521 Paints, varnishes and lacquers		12	15		28		293	348		665		643	729		1229
3522 Drugs and medicines		8	10		12		1938	2035		2873		6228	6133		9009
3523 Soap, cleaning preps, perfumes, cosmetics		11	17		35		851	1162		1568		2089	2867		3287
3529 Other chemical products		9	7		14		246	288		116		461	503		258
353 Petroleum refineries		1	1	1	1		3374	3404	3544	3844		13495	16378	17054	13708

354 Misc petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	16	15	10	10	152	102	70	102	263	166	140	193
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
3559 Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-
356 Plastic products	58	58	94	96	2087	2503	3118	3401	3763	4196	5826	5864
361 Pottery, china earthenware	21b/	4	1713c/	1740c/	399	583	10298c/	10300c/	734	1021	20264c/	19324c/
362 Glass and products	d/	18	c/	c/	542	566	c/	c/	1232	1274	c/	c/
369 Other non-metallic mineral products	1342	1368	c/	c/	5978	7024	c/	c/	11713	13406	c/	c/
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
3692 Cement, lime and plaster	5	4	-	-	2215	2400	-	-	7734	8220	-	-
3699 Other non-metallic mineral products	1337	1364	-	-	3763	4624	-	-	3979	5186	-	-
371 Iron and steel:	27d	11	10	9	703	740	1046	931	2286	2090	2726	2316
372 Non-ferrous metals	d/	15	14	16	299	350	284	425	878	1124	897	1416
381 Fabricated metal products	1789	1851	2245	2299	3538	4166	5825	5434	5622	5929	9694	7060
3811 Cutlery, hand tools and general hardware	74	78	-	67	16	35	-	140	23	67	-	179
3812 Furniture and fixtures primarily of metal	31	39	-	46	211	400	-	334	402	548	-	605
3813 Structural metal products	1352	1410	-	1750	2086	2466	-	2966	3296	3299	-	3404
3819 Other fabricated metal products	332	324	-	436	1226	1265	-	2004	1902	2026	-	2962
382 Non-electrical machinery	59	61	65	63	792	1171	1699	1626	1424	2163	2887	2361
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	16e/	18e/	-	17e/	133e/	134e/	-	64e/	196e/	178e/	-	53e/
3823 Metal and wood working machinery	e/	e/	-	e/	e/	e/	-	e/	e/	e/	-	e/
3824 Other special industrial machinery	e/	e/	-	e/	e/	e/	-	e/	e/	e/	-	e/
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	43	43	-	46	659	1037	-	1561	1229	1985	-	2306
383 Electrical machinery	13	14	9	12	666	526	666	766	1367	1268	1268	1333
3831 Electrical industrial machinery	4	4	-	3	168	85	-	67	327	196	-	91
3832 Radio, television and communication equipm	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	9	10	-	9	497	441	-	698	1040	1062	-	1242
384 Transport equipment	17	20	21	22	98	271	178	741	177	268	266	1283
3841 Shipbuilding and repairing	-	-	-	-	-	-	-	-	-	-	-	-
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	17	20	-	22	98	271	-	741	177	268	-	1283
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
385 Professional and scientific equipment	4	2	3	2	246	192	742	146	407	326	616	376
3851 Prof and scientific equipment n e c	-	-	-	-	-	-	-	-	-	-	-	-
3852 Photographic and optical goods	-	-	-	-	-	-	-	-	-	-	-	-
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	43	42	38	38	153	173	100	113	276	269	127	126
3901 Jewellery and related articles	-	-	-	-	-	-	-	-	-	-	-	-
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n e c	-	-	-	-	-	-	-	-	-	-	-	-
3 Total manufacturing	9119	9386	11581	11856	44262	51417	64361	66776	93404	108348	136411	128664

a/ 3131 includes 3132 and 3133
c/ 361 includes 362 and 369
e/ 3822 includes 3823 and 3824

b/ 361 includes 362
d/ 371 includes 372

Jordan

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(thousand DINARS)					(thousand DINARS)				percentage		percentage	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311.2 Food Products		145551	160990	202357	218486		38609	38987	46440	51443	26.5	23.6	29.4	22.6
3111 Slaughtering, preparing & preserving meat		2411	2798	5410	18763		1179	1276	1885	4671	48.9	24.9	23.7	28.7
3112 Dairy products		18908	20784	26022	31086		4477	3959	6093	5791	23.7	18.6	44.1	38.7
3113 Canning, preserving of fruits & vegetables		13855	9468	11645	11827		6730	4205		1361	48.6	11.6	11.7	
3114 Canning, preserving and processing of fish														
3115 Vegetable and animal oils and fats		12144	18511	22873	30338		4303	5455	6556	7531	36.4	24.8	9.6	11.6
3116 Grain mill products		27983	29940	31418	38905		4132	4110	4265	7044	14.8	18.1	26.6	18.0
3117 Bakery products		37886	42518	56828	57914		12648	12870	17626	17030	33.1	29.4	39.7	46.6
3118 Sugar factories and refineries														
3119 Cocoa, chocolate and sugar confectionery		10345	12284	11836	5207		2339	2949	2887	1768	22.6	34.0	40.8	23.9
3121 Other food products		6729	10769	15751	16877		1242	2295	4466	6700	18.5	36.9	34.0	13.9
3122 Prepared animal feeds		15290	13918	20585	8769		1669	1848		557	10.9	6.4	26.1	67.0
313 Beverages		32573	36928	37193	52583		18854	20194	21608	34454	67.9	66.6	9.8	8.9
3131 Distilling, rectifying and blending spirits	a/	8735	8542	8461	10708	a/	5747	5437	4873	7977	65.8	74.6	8.5	8.5
3132 Wine industries	a/					a/								
3133 Malt liquors and malt	a/					a/								
3134 Soft drinks and carbonated waters		23838	28386	28732	41876		13107	14757	16735	26477	65.0	63.2	10.4	9.0
314 Tobacco		61382	66346	68742	84116		50080	53186	57682	69741	81.6	82.9	6.0	6.0
321 Textiles		30413	37056	41592	38646		12960	14328	11318	11926	42.6	30.9	19.2	31.1
3211 Spinning, weaving and finishing textiles		23378	22104	20444	16460		10412	8938	4314	4754	44.6	28.9	17.0	41.2
3212 Made-up textile goods excl. wearing apparel		2335	4136	3247	4049		820	800	1442	1600	35.1	37.0	26.5	22.9
3213 Knitting mills		3197	5927	6670	5628		996	2222	2387	1813	31.2	34.0	34.0	30.7
3214 Carpets and rugs		1503	5778	11342	12509		732	2368	3176	3759	48.7	30.1	23.2	21.7
3215 Cordage, rope and twine														
3219 Other textiles														
322 Wearing apparel, except footwear		17527	22368	25098	24545		8571	9958	10704	10484	48.9	42.7	30.7	36.3
323 Leather and fur products		5270	9784	11875	9827		247	2421	2953	2677	14.2	26.2	73.2	34.5
3231 Tanneries and leather finishing		4596	8369	10545	8981		537	1786	2621	2330	11.7	25.9	74.7	32.9
3232 Fur dressing and dyeing industries														
3233 Leather goods excl. wearing apparel		674	1415	1330	846		210	636	442	247	31.2	29.2	69.5	49.0
324 Footwear, except rubber or plastic		5256	6041	9474	11761		2200	2205	3733	4952	41.9	42.1	48.2	32.6
331 Wood products, except furniture		6684	9700	13330	11707		2607	3331	5307	4036	39.0	34.5	26.9	30.3
3311 Sawmills, planing and other wood mills		4739	6877	11114	9959		1876	2779	4086	3219	39.6	32.3	24.7	31.6
3312 Wooden and cane containers		1109	950	926	314		316	266	403	139	28.5	44.3	39.9	34.5
3319 Other wood and cork products		836	1473	1290	1434		418	286	808	677	49.6	47.2	26.7	23.3
332 Furniture and fixtures, excl. metal		24694	25847	36546	43582		9143	9977	13776	20895	37.0	47.9	33.7	30.8
341 Paper and products		44026	48016	41618	56283		13404	14958	2726	14392	30.4	26.6	26.6	37.4
3411 Pulp, paper and paperboard articles		10050	6156	6812	16596		2812	1079	1679	4600	28.0	27.6	15.6	36.3
3412 Containers of paper and paperboard		18293	19821	12835	13237		7392	6565	4153	3448	40.4	26.0	24.4	40.1
3419 Other pulp, paper and paperboard articles		15683	22039	21871	26360		3200	7265	2694	6344	20.4	24.1	41.5	26.6
342 Printing and publishing		21279	24807	41707	54735		7969	9600	16798	20309	37.6	37.1	61.6	33.3
351 Industrial chemicals		129897	130114	273493	218295		29319	33072	26300	17065	22.6	7.8	20.4	40.7
3511 Basic chemicals excl. fertilizers		22383	17775	20817	17202		5767	6198	7999	4381	25.7	25.6	19.0	37.1
3512 Fertilizers and pesticides		94150	100354	245669	191163		19795	23831	16878	11018	21.0	5.8	21.1	43.9
3513 Synthetic resins and plastic materials		13364	11985	7007	9930		3752	3043	1423	1666	28.2	16.8	18.6	41.9
352 Other chemicals		106774	120623	176320	182870		22971	36373	65872	56985	20.2	31.2	33.6	24.2
3521 Paints, varnishes and lacquers		14500	14611	21520	26455		2720	1896	4661	5126	15.3	19.4	29.0	24.0
3522 Drugs and medicines		48777	50615	80424	98725		17682	2100*	31411	37069	36.0	37.6	35.6	24.3
3523 Soap, cleaning preps, perfumes, cosmetics		38076	49652	67864	54693		11975	18745	14120	14120	18.1	25.8	30.2	23.3
3529 Other chemical products		5421	5745	6582	2997		1282	1501	1056	660	23.6	22.7	35.2	37.9
353 Petroleum refineries		276492	274553	353772	374347		36213	36083	27650	34297	13.1	9.2	37.3	38.6

Jordan

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand DINARS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		67823	64133	825	3037		133	92	96	110	106	111	93	162	138	
313 Beverages		20007	13760	1000	2293		78	66	68	76	77	81	94	108	139	
314 Tobacco		1006	1219	-1229	927		...	...	...	...	...	...	...	...	...
321 Textiles		9277	12989	1975	2016	a/	149	132	149	156	133	142	123	106	117	
322 Wearing apparel, except footwear		4962	5263	91	191	a/	...	...	...	...	...	...	...	...	...
323 Leather and fur products		3062	2008	-176	192	b/	149	132	149	166	133	142	167	166	181	
324 Footwear, except rubber or plastic		1683	1286	-14	362	b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		12391c/	14614c/	281	68	c/	77	39	22	61	61	46	22	33	34	
332 Furniture and fixtures, excl metal		...c/	...c/	103	790	c/	...	...	...	...	...	...	...	...	...
341 Paper and products		19663	26811	-1563	290		218	166	268	227	287	300	279	272	330	
342 Printing and publishing		10269	12966	3156	687		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		45824	41355	-8706	2936	d/	140	164	172	146	202	206	186	166	146	
352 Other chemicals		35046	37446	6401	3173	d/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		26382	20986	4028	6196		133	127	132	130	133	147	133	160	161	
354 Misc. petroleum and coal products		-	-	-	-		
355 Rubber products		1417	783	11	-		...	...	...	...	...	...	...	...	...
356 Plastic products		19600	23762	468	1066		90	116	109	123	94	104	114	134	143	
361 Pottery, china, earthenware		202194e/	8225	4357a/	-		...	...	...	...	...	...	...	...	...
362 Glass and products		...e/	11319	...e/	362		...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...e/	186462	...e/	2936		222	197	260	196	212	338	333	333	373	
371 Iron and steel		12567f/	9817	6143	808		166	162	171	162	138	137	163	183	144	
372 Non-ferrous metals		...f/	6630	-1669	40		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		24771	23848	-418	1384		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		6201	7796	3194	29		...	...	...	...	...	...	...	...	...
383 Electrical machinery		6364	6004	-92	331		...	...	...	...	...	...	...	...	...
384 Transport equipment		1797	1858	61	2		...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		2946	1873	-68	19		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		1217	1366	-2	30		...	...	...	...	...	...	...	...	...
3 Total manufacturing		535139	644468	18166	31076		...	...	...	...	...	...	...	...	...

a/ 321 includes 322
c/ 331 includes 332
e/ 361 includes 362 and 369.

b/ 323 includes 324.
d/ 351 includes 352.
f/ 371 includes 372

KENYA

Supplier of information:

Central Bureau of Statistics, Ministry of Planning and National Development, Nairobi.

Basic source of data:

Annual survey of industrial production and, every five years, census of industrial production.

Major deviations from current version of ISIC:

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).

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

All establishments.

Method of enumeration:

The survey is conducted by mail.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Number of employees is the average of the numbers at the beginning and end of the reference year.

Wages and salaries is compensation of employees. It is computed as 12 times the value of wages and salaries for June of the reference year.

Output is gross output and includes gross revenues from goods shipped in the same condition as received.

Related national publications:

Statistical Abstract (annual), published by the Central Bureau of Statistics, Ministry of Economic Planning and Development, Nairobi

Kenya

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand POUND\$)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		455	635	671	683	5151	53561	63757	55429		65752.6	75461.8	88200.0	107692.9	
3111 Slaughtering, preparing & preserving meat		17	1	1	1	3545	3620	3697	3790		6889.2	7502.2	8474.4	9676.2	
3112 Dairy products		28	36	39	39	4101	4112	4065	4099		9292.5	10383.9	11329.9	14328.9	
3113 Canning, preserving of fruits & vegetables		10	10	10	10	3945	4096	4100	4125		5617.7	6483.0	7107.5	7938.9	
3114 Canning, preserving and processing of fish		2	1	1	1	136	198	206	198		149.2	249.6	292.0	329.8	
3115 Vegetable and animal oils and fats		23	32	33	33	1411	1539	1540	1616		4028.7	5182.2	5945.7	6956.9	
3116 Grain mill products		99	154	162	165	4320	4389	4415	4466		6426.2	7263.1	7879.1	9621.7	
3117 Bakery products		66	85	91	93	2203	2286	2297	2340		2800.9	3262.0	3984.4	5216.3	
3118 Sugar factories and refineries		26	23	24	24	12585	12618	12644	12869		14010.0	15390.6	18886.3	22524.0	
3119 Cocoa, chocolate and sugar confectionery		13	20	20	20	604	648	635	656		930.9	1151.8	1430.4	1939.4	
3121 Other food products		162	272	289	296	17893	19281	19379	20391		14396.7	17221.3	21332.8	27150.8	
3122 Prepared animal feeds		9	1	1	1	788	774	780	848		1230.6	1372.2	1537.6	1801.0	
313 Beverages	a/	25	48	51	51	7649	7895	7988	8225	a/	26673.7	30520.2	29984.7	34313.7	
3131 Distilling, rectifying and blending spirits	b/	11	32	34	34	5380	5628	5718	5917	b/	20683.0	23671.9	22150.8	26600.9	
3132 Wine industries	b/	-	-	-	-	-	-	-	-	b/	-	-	-	-	
3133 Malt liquors and malt	b/	-	-	-	-	-	-	-	-	b/	-	-	-	-	
3134 Soft drinks and carbonated waters		14	16	17	17	2269	2267	2270	2308		5990.7	6848.3	7833.9	8712.8	
314 Tobacco	a/b/	-	-	-	-	-	-	-	-	a/b/	-	-	-	-	
321 Textiles		92	91	96	96	25104	24441	24605	26137		33448.6	34694.6	37777.6	45067.3	
3211 Spinning, weaving and finishing textiles		34	28	30	30	13295	12506	12210	12664		17582.6	16940.6	17739.6	20433.9	
3212 Made-up textile goods excl. wearing apparel		31	36	38	38	2582	2600	2651	2661		3311.2	3543.2	3934.2	4420.7	
3213 Knitting mills		21	15	16	16	7130	7220	7229	7249		5866.7	11249.7	12377.5	15401.2	
3214 Carpets and rugs		-	-	-	-	-	-	-	-		-	-	-	-	
3215 Cordage, rope and twine		6	7	7	7	2097	2116	2115	2181		2669.1	2961.0	3369.0	3862.3	
3219 Other textiles		-	5	5	5	-	-	400	382		-	367.4	449.2	-	
322 Wearing apparel, except footwear		232	426	449	460	6868	6931	6733	6820		7618.0	8314.3	9190.5	10320.0	
323 Leather and fur products		21	23	24	24	1442	1451	1512	1564		2364.1	2531.3	2918.2	3394.4	
3231 Tanneries and leather finishing		14	20	21	21	1130	1140	1178	1222		1901.7	2034.7	2349.7	2749.5	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-		-	-	-	-	
3233 Leather prods. excl. wearing apparel		7	3	3	3	312	311	334	342		462.4	496.6	568.6	644.9	
324 Footwear, except rubber or plastic		5	14	14	14	2378	2290	2251	2296		4364.8	4409.6	4616.4	5971.0	
331 Wood products, except furniture		143	176	185	190	8648	8526	8547	8672		8756.8	9636.3	10303.7	12516.7	
3311 Sawmills, planing and other wood mills		133	174	183	188	8494	8477	8403	8628		8596.0	9472.4	10127.4	12304.7	
3312 Wooden and cane containers		3	2	2	2	23	22	21	22		32.8	33.9	36.0	43.3	
3319 Other wood and cork products		7	-	-	-	131	127	123	122		126.0	129.8	140.3	167.7	
332 Furniture and fixtures, excl. metal		93	211	223	228	3898	3745	3759	3830		6156.5	6068.7	6679.0	7429.4	
341 Paper and products		48	48	51	51	7142	7196	7232	7378		14779.7	16547.8	17387.0	19613.1	
3411 Pulp, paper and paperboard articles		2	1	1	1	3632	3639	3646	3726		6484.2	6637.2	7127.4	8073.6	
3412 Containers of paper and paperboard		-	-	-	-	-	-	-	-		-	-	-	-	
3419 Other pulp, paper and paperboard articles		46	47	50	50	3510	3557	3586	3652		8296.5	8910.6	10259.6	11539.6	
342 Printing and publishing		147	256	269	276	5992	5870	5965	6063		15512.0	16967.4	18444.9	20385.5	
351 Industrial chemicals		42	33	34	34	3557	3485	3581	3612		7772.7	8333.6	9384.9	10604.5	
3511 Basic chemicals excl. fertilizers		27	22	23	23	2531	2480	2540	2551		6799.3	6256.9	7091.8	7748.5	
3512 Fertilizers and pesticides		15	11	11	11	1026	1005	1041	1061		1973.4	2076.7	2293.1	2856.0	
3513 Synthetic resins and plastic materials		-	-	-	-	-	-	-	-		-	-	-	-	
352 Other chemicals		111	132	143	143	8663	8720	8962	9355		29483.1	31631.6	35140.2	40368.0	
3521 Paints, varnishes and lacquers		10	11	11	11	795	829	899	967		2285.6	2455.4	2862.6	3498.1	
3522 Drugs and medicines		21	22	24	24	1774	1691	1784	1987		6968.6	6906.6	7735.9	9730.6	
3523 Soap, cleaning preps, perfumes, cosmetics		49	57	62	62	4014	4039	4090	4191		15700.4	16868.4	18246.3	20137.8	
3529 Other chemical products		31	42	46	46	2080	2161	2189	2190		4528.6	5401.2	6268.4	7001.6	
353 Petroleum refineries		1	1	1	1	264	264	264	264		2103.3	2393.7	2710.2	2889.5	

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-			
355 Rubber products	25	44	47	47	2202	2306	2296	2334	7476.7	8196.6	8691.0	10136.6			
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
35E Plastic products	42	43	47	47	3420	3587	3897	4051	5586.9	6515.8	8337.9	9969.5			
361 Pottery, china, earthenware	5	1	1	1	209	230	240	221	376.0	442.3	498.8	500.5			
362 Glass and products	3	3	3	3	1436	1443	1450	1487	2574.2	2790.5	3127.4	3436.5			
369 Other non-metallic mineral products	49	47	50	50	5403	5467	5639	5703	16149.3	17315.1	18957.1	21234.9			
3691 Structural clay products	1	1	1	1	794	852	914	956	895.1	1098.8	1336.2	1568.6			
3692 Cement, lime and plaster	2	1	1	1	3391	3427	3463	3507	12444.6	13189.7	14142.3	15506.7			
3699 Other non-metallic mineral products	46	45	48	48	1218	1188	1262	1241	2809.6	3026.6	3479.6	4060.6			
371 Iron and steel	c/	29	29	31	31	c/	5337	5507	5600	5614	c/	8994.4d/	9953.1d/	11326.3	12910.0
372 Non-ferrous metals	c/	c/	c/
381 Fabricated metal products	237	321	341	347	11860	11888	11976	12201	25589.4	27991.0	30893.5	34586.0			
3811 Cutlery, hand tools and general hardware	12	22	23	23	882	809	815	850	1761.9	1781.0	2014.1	2319.6			
3812 Furniture and fixtures primarily of metal	17	26	27	27	852	871	892	911	1604.7	1872.3	2149.9	2455.2			
3813 Structural metal products	42	52	57	57	3197	3237	3241	3252	8825.9	7633.0	8594.4	9579.1			
3819 Other fabricated metal products	166	221	234	240	6919	6971	7028	7188	15396.9	16724.7	18136.1	20232.1			
382 Non-electrical machinery	47	58	63	63	1489	1477	1479	1492	2487.8	2686.6	3002.6	3347.6			
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	28	39	42	42	2369	2591	2771	2799	7362.9	8872.1	10361.4	11614.2			
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	26	62	64	64	17079	16363	16140	16348	37407.4	39189.0	41183.6	44543.4			
3841 Shipbuilding and repairing	4	4	4	4	468	506	506	499	1672.5	2100.9	2403.8	2593.5			
3842 Railroad equipment	2	1	1	1	12890	12209	12000	11209	24853.2	25776.6	26412.1	28520.9			
3843 Motor vehicles	17	54	56	56	3591	3496	3472	3487	10464.4	10779.4	11761.7	12791.0			
3844 Motorcycles and bicycles	1	1	1	1	2	2	2	2	2.8	2.9	3.3	3.8			
3845 Aircraft	2	2	2	2	128	150	160	151	424.5	529.2	602.7	634.2			
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	1	1	1	1	181	214	223	244	248.2	336.9	401.9	497.8			
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853 watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	94	165	177	180	3592	3326	3423	3398	6079.8	5927.0	7106.8	8309.8			
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	1999	2907	3078	3127	187683	188873	190300	193537	345108.9	376714.7	416624.6	481651.8			

a/ 313 includes 314.
c/ 371 includes 372.

b/ 3131 includes 3132, 3133 and 314.
d/ Value added is less than corresponding wages and salaries due to operating losses.

Kenya

ISIC Industry	Output in factor values					Value added in factor values					Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
	Note	(million POUNDS)				Note	(million POUNDS)				1990	1993	1990	1993
		1990	1991	1992	1993a/		1990	1991	1992	1993a/				
311/2 Food Products		3610	4480	4907	6633		289	355	395	455	8.0	6.9	22.8	23.6
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		227	266	307	401		103	126	132	153	45.4	38.2	....	....
3131 Distilling, rectifying and blending spirits		....	....	....	....		....	....	....	....	....	....	....	....
3132 Wine industries		....	....	....	....		....	....	....	....	....	....	....	....
3133 Malt liquors and malt		....	....	....	....		....	....	....	....	....	....	....	....
3134 Soft drinks and carbonated waters		....	....	....	....		....	....	....	....	....	....	....	....
314 Tobacco		182	210	241	314		14	17	18	21	7.7	6.7	....	....
321 Textiles		222	166	151	221		63	72	72	83	28.4	37.6	53.1	64.3
3211 Spinning, weaving and finishing textiles		....	....	....	....		....	....	....	....	....	....	....	....
3212 Made-up textile goods excl. wearing apparel		....	....	....	....		....	....	....	....	....	....	....	....
3213 Knitting mills		....	....	....	....		....	....	....	....	....	....	....	....
3214 Carpets and rugs		....	....	....	....		....	....	....	....	....	....	....	....
3215 Cordage, rope and twine		....	....	....	....		....	....	....	....	....	....	....	....
3219 Other textiles		....	....	....	....		....	....	....	....	....	....	....	....
322 Wearing apparel, except footwear		164	312	231	294		18	21	21	24	11.0	8.2	42.3	43.0
323 Leather and fur products		20	48	54	60		5	6	8	7	25.0	11.7	47.3	48.5
3231 Tanneries and leather finishing		....	....	....	....		....	....	....	....	....	....	....	....
3232 Fur dressing and dyeing industries		....	....	....	....		....	....	....	....	....	....	....	....
3233 Leather prods. excl. wearing apparel		....	....	....	....		....	....	....	....	....	....	....	....
324 Footwear, except rubber or plastic		52	56	71	89		15	11	17	20	28.8	22.5	29.1	29.9
331 Wood products, except furniture		93	108	122	162		19	22	22	26	20.4	16.0	46.1	48.1
3311 Sawmills, planing and other wood mills		....	....	....	....		....	....	....	....	....	....	....	....
3312 Wooden and cane containers		....	....	....	....		....	....	....	....	....	....	....	....
3319 Other wood and cork products		....	....	....	....		....	....	....	....	....	....	....	....
332 Furniture and fixtures, excl. metal	b/	38	34	33	42	b/	13	15	17	19	34.2	45.2	47.4	39.1
341 Paper and products		180	249	234	345		48	54	55	64	26.7	18.4	30.8	30.6
3411 Pulp, paper and paperboard articles		....	....	....	....		....	....	....	....	....	....	....	....
3412 Containers of paper and paperboard		....	....	....	....		....	....	....	....	....	....	....	....
3419 Other pulp, paper and paperboard articles		....	....	....	....		....	....	....	....	....	....	....	....
342 Printing and publishing		86	99	112	145		31	37	37	42	36.0	29.0	60.0	48.5
351 Industrial chemicals		176	184	235	315		20	23	24	28	11.4	8.9	38.9	37.9
3511 Basic chemicals excl. fertilizers		....	....	....	....		....	....	....	....	....	....	....	....
3512 Fertilizers and pesticides		....	....	....	....		....	....	....	....	....	....	....	....
3513 Synthetic resins and plastic materials		....	....	....	....		....	....	....	....	....	....	....	....
352 Other chemicals		1136	1082	1174	1340		77	88	95	113	6.8	8.4	38.3	35.7
3521 Paints, varnishes and lacquers		....	....	....	....		....	....	....	....	....	....	....	....
3522 Drugs and medicines		....	....	....	....		....	....	....	....	....	....	....	....
3523 Soap, cleaning preps, perfumes, cosmetics		....	....	....	....		....	....	....	....	....	....	....	....
3529 Other chemical products		....	....	....	....		....	....	....	....	....	....	....	....
353 Petroleum refineries		925	1223	1453	1923		8	10	10	12	0.9	0.6	26.3	24.1

354 Misc petroleum and coal products	-	-	-	-	-	-	-	-	-	...	...	...	...
355 Rubber products	166	182	214	289		38	44	43	60	24.4	17.3	19.7	20.3	
3551 Tyres and tubes	...	...	...	...		...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...		...	...	...	...	...	...	...	...
356 Plastic products	99	152	178	349		28	26	42	48	28.3	13.8	20.0	20.8	
361 Pottery, china, earthenware	2	2	3	4		1	1	1	1	66.7	26.0	37.6	60.0	
362 Glass and products	13	13	15	18		6	6	7	7	46.2	38.9	42.9	49.1	
369 Other non-metallic mineral products	210	296	301	326		48	56	56	66	22.9	19.3	33.6	32.7	
3691 Structural clay products	...	...	...	...		...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	...	...	...		...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...		...	...	...	...	...	...	...	...
371 Iron and steel	c/	119	168	189	221		3c/d/	3c/d/	...	...	...	...	...
372 Non-ferrous metals	c/	...	...	...	...		...c/	...c/	...	...	...	...	...
381 Fabricated metal products	b/	375	604	620	602	b/	73	86	80	94	19.6	16.6	36.1	36.8
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	12	14	16	26		8	7	7	8	60.0	32.0	41.6	41.6	
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	289	380	419	564		60	64	70	81	17.3	14.6	4.7	14.3	
3831 Electrical industrial machinery	...	...	...	...		...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...		...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...		...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...		...	...	...	...	...	...	...	...
384 Transport equipment	407	443	485	702		45	52	62	60	11.1	8.6	53.1	74.2	
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	10	11	15	20	e/	23	24	23	30	...	...	...	...
3851 Prof. and scientific equipment n.e.c.	...	...	...	...		...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...		...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...		...	...	...	...	...	...	...	...
390 Other manufacturing industries	106	145	166	182	e/	...	...	...	...	...	...	...	...
3901 Jewellery and related articles	...	...	...	...		...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...		...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...		...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...		...	...	...	...	...	...	...	...
3 Total manufacturing	8900	10827	11877	16389		1044	1234	1308	1612	11.7	9.7	33.1	31.9	

a/ Data are provisional
c/ 371 includes 372
e/ 385 includes 390

b/ 332 includes metal furniture and fixtures.
n/ Value added is less than corresponding wages and salaries due to operating losses.

Kenya

ISIC Industry	Gross fixed capital formation				Note	Index numbers of industrial production									
	Note	(million POUNDS)				Note	(1980=100)								
		1990	1991	1992			1993	1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products							126	134	146	155	155	167	169	157	152
313 Beverages							99	116	137	140	140	146	140	161	161
314 Tobacco							122	126	138	144	144	144	140	155	157
321 Textiles							108	116	119	122	122	138	132	132	152
322 Wearing apparel, except footwear							128	129	131	134	134	122	114	113	103
323 Leather and fur products					a/		85	87	89	94	94	98	100	96	87
324 Footwear, except rubber/plastic					a/										
331 Wood products, except furniture							49	50	50	49	49	51	53	53	53
332 Furniture and fixtures, excl. metal							93	95	96	95	95	96	92	61	64
341 Paper and products							94	101	109	121	121	127	134	150	112
342 Printing and publishing							179	190	202	211	211	215	217	221	221
351 Industrial chemicals							94	95	97	104	104	111	123	123	129
352 Other chemicals							132	143	155	176	176	203	227	214	208
353 Petroleum refineries					b/		132	143	155	176	176	203	227	214	208
354 Misc. petroleum and coal products					b/										
355 Rubber products							128	136	144	149	149	157	155	306	300
356 Plastic products							95	99	102	98	98	106	122	144	159
361 Pottery, china, earthenware															
362 Glass and products							100	100	101	106	74	72	71	87	78
369 Other non-metallic mineral products							96	107	113	111	114	129	132	156	152
371 Iron and steel															
372 Non-ferrous metals															
381 Fabricated metal products							73	81	90	103	102	116	135	122	123
382 Non-electrical machinery							89	96	103	112	112	88	85	80	80
383 Electrical machinery							98	103	107	120	120	118	120	116	103
384 Transport equipment							102	90	83	93	93	98	96	88	73
385 Professional and scientific equipment															
390 Other manufacturing industries							147	189	244	262	273	284	308	309	309
3 Total manufacturing							111	118	126	135	135	141	145	150	147

a/ 323 includes 324

b/ 353 includes 354

KUWAIT

Supplier of information:

Central Statistical Office, Ministry of Planning, Safat.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

None reported

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 sector, estimates for the calendar year are made on the basis of the average of the two fiscal years.

Scope:

All industrial establishments in the private and public sectors, including establishments with joint private and public ownership.

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; 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.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Annual Survey of Establishments (Industry) and Statistical Abstract (annual), both published by the Central Statistical Office, Ministry of Planning, Safat.

Kuwait

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand DINARS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		304	309	296	300	7075	7727	4791	5963		15754	9479	4874	13001	
3111 Slaughtering, preparing & preserving meat		-	-	-	-	-	-	-	-		-	-	-	-	
3112 Dairy products		5	5	3	4	1540	1377	110	857		4127	2090	70	2084	
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		266	270	267	271	3902	4294	3612	3828		7516	4627	3232	7923	
3118 Sugar factories and refineries		-	-	-	-	-	-	-	-		-	-	-	-	
3119 Cocoa, chocolate and sugar confectionery		2	6	6	-	11	319	277	-		20	384	304	-	
3121 Other food products		25	24	19	23	1593	1712	784	1253		4037	2360	1263	2969	
3122 Prepared animal feeds		6	4	1	2	29	28	8	15		54	18	5	25	
313 Beverages		8	7	3	5	2230	1812	290	1751		4838	2410	464	3357	
3131 Distilling, rectifying and blending spirits		-	-	-	-	-	-	-	-		-	-	-	-	
3132 Wine industries		-	-	-	-	-	-	-	-		-	-	-	-	
3133 Malt liquors and malt		-	-	-	-	-	-	-	-		-	-	-	-	
3134 Soft drinks and carbonated waters		8	7	3	5	2230	1812	290	1751		4838	2410	464	3357	
314 Tobacco		-	-	-	-	-	-	-	-		-	-	-	-	
321 Textiles		239	218	217	260	871	1225	963	1558		1779	1381	990	3471	
3211 Spinning, weaving and finishing textiles		-	-	-	-	-	-	-	-		-	-	-	-	
3212 Made-up textile goods excl. wearing apparel		239	218	217	260	871	1225	963	1558		1779	1381	990	3471	
3213 Knitting mills		-	-	-	-	-	-	-	-		-	-	-	-	
3214 Carpets and rugs		-	-	-	-	-	-	-	-		-	-	-	-	
3215 Cordage, rope and twine		-	-	-	-	-	-	-	-		-	-	-	-	
3219 Other textiles		-	-	-	-	-	-	-	-		-	-	-	-	
322 Wearing apparel, except footwear		1957	1944	1925	1912	9592	8398	7096	10254		17247	4650	4737	14749	
323 Leather and fur products		-	-	-	1	-	-	-	112		-	-	-	208	
3231 Tanneries and leather finishing		-	-	-	1	-	-	-	112		-	-	-	208	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-		-	-	-	-	
3233 Leather prods. excl. wearing apparel		-	-	-	-	-	-	-	-		-	-	-	-	
324 Footwear, except rubber or plastic		-	-	-	-	-	-	-	-		-	-	-	-	
331 Wood products, except furniture		73	78	67	109	1195	1310	695	1193		2130	1438	775	2240	
3311 Sawmills, planing and other wood mills		59	65	57	73	1161	1252	682	1080		2060	1390	764	2015	
3312 Wooden and cane containers		-	-	-	-	-	-	-	-		-	-	-	-	
3319 Other wood and cork products		14	13	10	36	34	58	13	113		70	48	11	225	
332 Furniture and fixtures, excl. metal		313	316	303	345	2528	3552	2328	3327		5502	4548	2453	6244	
341 Paper and products		17	16	13	13	950	924	534	834		2480	1218	752	1851	
3411 Pulp, paper and paperboard articles		-	-	-	-	-	-	-	-		-	-	-	-	
3412 Containers of paper and paperboard		5	6	6	6	395	503	347	331		955	744	432	753	
3419 Other pulp, paper and paperboard articles		12	10	7	7	555	321	187	503		1515	474	330	1098	
342 Printing and publishing		63	61	60	54	4072	2775	1868	3213		12188	4024	2414	8577	
351 Industrial chemicals		7	7	8	7	1037	1147	1106	1188		7024	9997	7509	12014	
3511 Basic chemicals excl. fertilizers		6	6	7	6	257	352	220	225		543	518	350	515	
3512 Fertilizers and pesticides		1	1	1	1	780	795	886	951		6181	9479	7249	11399	
3513 Synthetic resins and plastic materials		-	-	-	-	-	-	-	-		-	-	-	-	
352 Other chemicals		18	15	12	15	1218	652	307	507		3564	1322	611	1358	
3521 Paints, varnishes and lacquers		2	8	4	6	401	345	145	251		1382	753	351	486	
3522 Drugs and medicines		8	-	-	-	527	-	-	-		1586	-	-	-	
3523 Soap, cleaning preps, perfumes, cosmetics		3	4	7	3	124	275	147	150		227	372	246	253	
3529 Other chemical products		5	3	1	6	165	32	15	96		459	187	14	220	
353 Petroleum refineries		1	1	1	2	6358	4856	3758	4195		68912	51066	39519	66936	

354 Misc petroleum and coal products	4	2	-	5	180	24	-	86	411	44	-	220
355 Rubber products	5	5	3	2	235	229	147	114	444	186	137	104
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
3559 Other rubber products	5	5	3	2	235	229	147	114	444	186	137	104
356 Plastic products	25	23	15	21	1631	1112	741	1262	3747	1256	648	2630
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products	16	16	15	13	358	460	212	432	1063	691	366	1119
369 Other non-metallic mineral products	123	125	113	85	5351	4549	1993	3381	13448	6762	3086	8146
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
3692 Cement, lime and plaster	4	4	3	6	575	266	198	368	2184	1041	920	1634
3699 Other non-metallic mineral products	119	121	110	79	4776	4283	1796	3013	11264	5721	2166	6612
371 Iron and steel	4	4	4	6	736	661	332	541	1637	903	280	921
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	665	665	619	608	5517	5776	4815	5496	12906	7869	6767	10992
3811 Cutlery, hand tools and general hardware	-	-	-	2	-	-	-	6	-	-	-	10
3812 Furniture and fixtures primarily of metal	17	18	16	16	620	773	406	627	1276	937	463	1073
3813 Structural metal products	517	519	473	456	3776	4027	3431	3933	8660	6373	3979	7583
3819 Other fabricated metal products	131	128	130	136	1122	976	978	929	2969	1649	1316	2326
382 Non-electrical machinery	27	22	23	23	2553	4679	2736	4120	7206	4328	3864	7536
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-	-	-
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-
3824 Other special industrial machinery	6	4	4	13	1893	3978	2469	3639	6364	2729	3169	6518
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	21	18	19	10	660	701	267	481	1842	1699	606	1016
383 Electrical machinery	-	22	20	36	831	557	473	966	2211	1046	494	2667
3831 Electrical industrial machinery	19	17	15	31	293	164	166	546	711	236	212	1286
3832 Radio, television and communication equipm	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	6	5	5	5	538	403	307	420	1600	810	282	1299
384 Transport equipment	24	21	16	14	1238	2030	2592	2614	2976	1877	1636	10640
3841 Shipbuilding and repairing	10	8	7	6	729	1524	2440	2402	1790	1216	1352	9800
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	14	13	9	8	509	506	162	212	1186	669	183	740
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
385 Professional and scientific equipment	-	-	-	-	-	-	-	-	-	-	-	-
3851 Prof and scientific equipment n e c	-	-	-	-	-	-	-	-	-	-	-	-
3852 Photogr phic and optical goods	-	-	-	-	-	-	-	-	-	-	-	-
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	197	191	178	190	751	1285	972	1204	1610	2253	1379	2428
3901 Jewellery and related articles	157	149	146	174	676	774	664	997	1187	1627	1003	2098
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n e c	40	42	32	16	176	511	288	207	432	726	376	420
3 Total manufacturing	4115	4068	3911	4026	56607	65831	38748	64308	189083	118786	82723	171639

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ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(thousand DINARS)					(thousand DINARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		84780	50655	36871	69742	40194	20191	19469	33629	47.4	48.2	39.2	38.7	
3111 Slaughtering, preparing & preserving meat		-	-	-	-	-	-	-	-	-	-	-	-	
3112 Dairy products		27031	11043	316	18409	13145	2724	34	8411	48.6	46.7	31.4	24.8	
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		30428	22178	25023	31710	16014	12800	14668	17139	52.6	54.0	46.9	46.2	
3118 Sugar factories and refineries		-	-	-	-	-	-	-	-	-	-	-	-	
3119 Cocoa, chocolate and sugar confectionery		251	2863	3084	-	84	1853	1742	-	26.6	41.4	31.3	-	
3121 Other food products		26280	14361	8354	19322	10811	2824	3102	7998	41.1	41.4	37.3	37.1	
3122 Prepared animal feeds		790	210	94	301	160	190	23	81	23.3	26.9	33.7	30.9	
313 Beverages		25700	16081	3244	19377	10242	6047	1642	8941	39.9	46.1	47.2	37.6	
3131 Distilling, rectifying and blending spirits		-	-	-	-	-	-	-	-	-	-	-	-	
3132 Wine industries		-	-	-	-	-	-	-	-	-	-	-	-	
3133 Malt liquors and malt		-	-	-	-	-	-	-	-	-	-	-	-	
3134 Soft drinks and carbonated waters		25700	16081	3244	19377	10242	6047	1642	8941	39.9	46.1	47.2	37.6	
314 Tobacco		-	-	-	-	-	-	-	-	-	-	-	-	
321 Textiles		9404	9307	5382	13206	4613	4668	2921	7220	49.1	54.7	38.6	48.1	
3211 Spinning, weaving and finishing textiles		-	-	-	-	-	-	-	-	-	-	-	-	
3212 Made-up textile goods excl. wearing apparel		9404	9307	5382	13206	4613	4668	2921	7220	49.1	54.7	38.6	48.1	
3213 Knitting mills		-	-	-	-	-	-	-	-	-	-	-	-	
3214 Carpets and rugs		-	-	-	-	-	-	-	-	-	-	-	-	
3215 Cordage, rope and twine		-	-	-	-	-	-	-	-	-	-	-	-	
3219 Other textiles		-	-	-	-	-	-	-	-	-	-	-	-	
322 Wearing apparel, except footwear		43922	30618	19497	38392	34812	16770	14239	30016	79.3	78.2	49.6	49.1	
323 Leather and fur products		-	-	-	1865	-	-	-	1267	-	-	67.9	16.4	
3231 Tanneries and leather finishing		-	-	-	1865	-	-	-	1267	-	-	67.9	16.4	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-	-	-	-	-	
3233 Leather prods. excl. wearing apparel		-	-	-	-	-	-	-	-	-	-	-	-	
324 Footwear, except rubber or plastic		-	-	-	-	-	-	-	-	-	-	-	-	
331 Wood products, except furniture		8684	5137	3608	11343	4051	2922	1532	4526	46.6	39.9	62.6	49.6	
3311 Sawmills, planing and other wood mills		8269	4877	3525	10244	3827	2704	1511	3899	46.3	38.1	63.8	61.7	
3312 Wooden and cane containers		-	-	-	-	-	-	-	-	-	-	-	-	
3319 Other wood and cork products		415	260	83	1099	224	218	21	626	64.0	67.0	31.3	36.9	
332 Furniture and fixtures, excl. metal		20467	16348	8894	27454	10436	8744	4574	13627	61.0	49.6	62.7	46.8	
341 Paper and products		18261	18124	6477	14436	6968	8932	3527	4970	38.2	34.4	36.6	37.4	
3411 Pulp, paper and paperboard articles		-	-	-	-	-	-	-	-	-	-	-	-	
3412 Containers of paper and paperboard		9608	13919	3375	7264	3524	7582	1789	2272	36.7	31.3	27.4	33.8	
3419 Other pulp, paper and paperboard articles		8653	4205	3102	7171	3444	1350	1738	2698	39.8	37.6	44.0	40.7	
342 Printing and publishing		27630	11199	11923	20366	1862	1691	6181	10824	42.9	63.2	-	82.0	
351 Industrial chemicals		42129	27083	7246	17810	17119	12662	626	8416	40.6	47.3	41.0	-	
3511 Basic chemicals excl. fertilizers		4074	7127	2703	3417	2553	3008	1863	2398	62.7	70.2	33.0	26.6	
3512 Fertilizers and pesticides		38055	19956	4542	14393	14566	9661	-1367	6018	38.3	41.8	42.4	-	
3513 Synthetic resins and plastic materials		-	-	-	-	-	-	-	-	-	-	-	-	
352 Other chemicals		17017	10396	7188	11606	6593	4340	3458	4963	33.7	42.8	66.6	27.4	
3521 Paints, varnishes and lacquers		10152	5969	4789	7970	3428	2296	1979	3639	33.8	46.7	40.3	24.3	
3522 Drugs and medicines		2499	-	-	-	1300	-	-	-	62.0	-	-	-	
3523 Soap, cleaning preps., perfumes, cosmetics		1574	3654	2356	2270	726	1607	1452	872	46.1	38.4	31.3	29.0	
3529 Other chemical products		2792	773	43	1366	1139	437	27	462	40.8	33.1	41.2	46.7	
353 Petroleum refineries		2007025	1251107	174757	776972	773683	482286	67366	307047	36.6	39.6	8.9	18.6	

354 Misc petroleum and coal products	2506	266	-	2166	1067	108	-	942	42 6	43 6	38 6	23 4
355 Rubber products	3988	1513	1532	1262	1470	554	542	238	36 9	18 9	30 2	43 7
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-
3559 Other rubber products	3988	1513	1532	1262	1470	554	542	238	36 9	18 9	30 2	43 7
356 Plastic products	22261	10306	5728	17082	9421	4702	3016	5663	42 3	50 7	39 8	30 4
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products	5304	8662	5928	6393	2777	3674	1279	3487	52 4	54 5	36 3	32 1
369 Other non-metallic mineral products	84001	75798	36714	53033	38598	21126	12081	24596	45 9	46 4	34 8	33 1
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-
3692 Cement, lime and plaster	18262	16517	12519	12889	6727	7290	7750	5896	36 8	45 7	32 5	26 0
3699 Other non-metallic mineral products	65739	59281	24195	40144	31871	13836	4331	18701	48 5	46 6	36 3	35 4
371 Iron and steel	10739	8432	2118	7547	5169	3076	906	5045	48 1	55 8	29 7	18 3
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	61790	28854	47159	64021	26628	16884	17119	28926	43 1	46 2	46 5	38 0
3811 Cutlery, hand tools and general hardware	-	-	-	42	-	-	-	23	-	54 8	-	43 5
3812 Furniture and fixtures primarily of metal	5114	2934	5179	4972	2662	1325	2384	2656	52 1	51 4	47 9	42 0
3813 Structural metal products	43081	19637	33796	45231	17360	13030	11923	19102	40 3	42 2	49 9	39 7
3819 Other fabricated metal products	13595	6283	8184	13776	6616	1529	2812	7244	48 7	52 6	44 9	32 1
382 Non-electrical machinery	14433	9113	10373	18158	10409	5419	7416	13200	72 1	72 7	69 2	67 1
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-	-	-
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-
3824 Other special industrial machinery	7559	3125	8083	13004	6479	2378	6101	10962	65 7	64 5	82 8	69 4
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	6874	5988	2290	5154	3930	3041	1315	2218	57 2	43 0	46 9	45 9
383 Electrical machinery	22478	10931	2803	20743	8173	8022	-3685	7837	36 4	37 8	27 1	33 0
3831 Electrical industrial machinery	2626	1412	1513	7128	1146	679	-60	3418	43 6	47 9	62 0	37 7
3832 Radio, television and communication equipm.	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and householders	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	19852	9519	1290	13617	7027	7343	-3625	4421	35 4	32 5	21 3	29 4
384 Transport equipment	9095	3415	2547	19721	3575	671	1628	15036	39 3	76 2	63 2	70 1
3841 Shipbuilding and repairing	4604	1754	1817	18415	2262	-335	1371	13699	49 1	82 8	79 1	72 1
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	4491	1661	730	3306	1313	1006	267	1437	29 2	43 5	90 3	51 5
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	5666	11861	8149	10173	3581	4834	3623	6614	63 2	55 2	45 2	41 2
3901 Jewellery and related articles	3957	9486	6584	8452	2646	3453	2558	4706	64 3	55 7	46 6	41 7
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n e c	1709	2375	1565	1721	1035	1381	955	908	60 6	52 8	41 1	46 3
3 Total manufacturing	2547280	1616206	408137	1242866	1031430	636029	168259	549027	40 5	44 2	18 3	31 2

Kuwait

Gross fixed capital formation

ISIC Industry	Note	(thousand DINARS)			
		1989	1990	1991	1992
311 2 Food Products		2784	6902	6925	11103
313 Beverages		1026	366	116	1514
314 Tobacco		-	-	-	-
321 Textiles		-76	107	100	153
322 Wearing apparel, except footwear		340	199	759	138
323 Leather and fur products		-	-	-	374
324 Footwear, except rubber or plastic		-	-	-	-
331 Wood products, except furniture		170	283	154	-85
332 Furniture and fixtures, excl. metal		513	70	4435	621
341 Paper and products		888	163	128	940
342 Printing and publishing		1877	427	6567	5378
351 Industrial chemicals		2354	2552	17660	2314
352 Other chemicals		831	215	680	278
353 Petroleum refineries		31570	24048	17761	24823
354 Misc. petroleum and coal products		34	-	-	2
355 Rubber products		64	-	610	8
356 Plastic products		1314	229	1533	1225
361 Pottery, china, earthenware		-	-	-	-
362 Glass and products		532	-	1903	1428
369 Other non-metallic mineral products		2909	1498	18015	6798
371 Iron and steel		1010	162	366	1186
372 Non-ferrous metals		-	-	-	-
381 Fabricated metal products		3109	1243	11598	1239
382 Non-electrical machinery		1211	32	3099	1598
383 Electrical machinery		818	468	2747	7529
384 Transport equipment		337	2	8937	1925
385 Professional and scientific equipment		-	-	-	-
390 Other manufacturing industries		4	68	246	35
3 Total manufacturing		53424	39143	104339	70524

Index numbers of industrial production

ISIC Industry	Note	(1980=100)								
		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products										
313 Beverages										
314 Tobacco										
321 Textiles										
322 Wearing apparel, except footwear										
323 Leather and fur products										
324 Footwear, except rubber or plastic										
331 Wood products, except furniture										
332 Furniture and fixtures, excl. metal										
341 Paper and products										
342 Printing and publishing										
351 Industrial chemicals										
352 Other chemicals										
353 Petroleum refineries										
354 Misc. petroleum and coal products		162	172	172	189	199	160	29	93	132
355 Rubber products										
356 Plastic products										
361 Pottery, china, earthenware										
362 Glass and products										
369 Other non-metallic mineral products										
371 Iron and steel										
372 Non-ferrous metals										
381 Fabricated metal products										
382 Non-electrical machinery										
383 Electrical machinery										
384 Transport equipment										
385 Professional and scientific equipment										
390 Other manufacturing industries										
3 Total manufacturing										

KYRGYZSTAN

Supplier of information:

National Statistical Commission of the Kyrgyz Republic, Bishkek City.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond with the current version of the ISIC. Lack of detail in national data, however, results in several cases where exact correspondence with the ISIC cannot be achieved.

Reference period (if not calendar year):

Scope:

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

Method of enumeration:

Not reported.

Adjusted for non-response:

Data refer to all surveyed enterprises.

Concepts and definitions of variables:

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

Related national publications:

Kyrgyzstan

ISIC Industry	Note	Number of establishments a/ (numbers)				Note	Number of persons engaged a/ (numbers)				Note	Wages and salaries paid a/ to employees (thousand SOMs)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		1134	1114	783	855		27835	27250	25678	24138		60 0	109 8	888 4	6664 6
3111 Slaughtering, preparing & preserving meat		158	153	126	158		6091	6582	4690	4169		1 1	15 8	130 5	795 1
3112 Dairy products		27	28	29	39		2956	3044	2789	2641		9 7	14 3	121 0	896 9
3113 Canning, preserving of fruits & vegetables		50	50	50	51		2456	2240	2979	2700		5 3	9 0	86 4	610 7
3114 Canning, preserving and processing of fish		18	12	13	12		333	249	285	229		0 8	1 3	8 1	52 8
3115 Vegetable and animal oils and fats		8	10	14	35		856	773	667	656		2 0	1 8	21 7	129 6
3116 Grain mill products		149	144	205	305		2506	2523	2675	3494		8 8	13 9	152 4	1375 7
3117 Bakery products		206	228	107	135		5386	6098	6143	6446		9 6	16 6	166 4	1301 9
3118 Sugar factories and refineries		7	4	4	3		3135	3110	2638	1585		7 5	14 4	96 3	413 4
3119 Cocoa, chocolate and sugar confectionery		27	15	14	18		2456	2078	1889	1956		4 9	7 4	88 9	1073 2
3121 Other food products					1			514	477			10 5	10 5	26 7	15 3
3122 Prepared animal feeds		484	470	219	98		1466	1039	446	262			4 8		
313 Beverages		31	34	41	37		2896	2941	2865	2582		7 3	10 7	108 1	810 6
3131 Distilling, rectifying and blending spirits		2	3	3	1		414	431	387	166		0 8	1 7	24 8	110 0
3132 Wine industries		14	14	20	15		1378	1393	1374	1161		4 0	5 2	49 1	352 9
3133 Malt liquors and malt		9	8	9	8		1038	1052	1014	981		2 5	3 6	30 4	269 4
3134 Soft drinks and carbonated waters		6	9	9	13		66	66	90	284			0 2	3 8	78 3
314 Tobacco		6	6	6	6		1471	1527	1421	1444		5 0	9 8	90 1	599 8
321 Textiles		22	22	35	31		29677	29371	32973	31395		72 0	123 9	984 6	8334 6
3211 Spinning, weaving and finishing textiles		16	11	17	17		23583	23328	26704	24812		56 4	92 8	739 2	6146 5
3212 Made-up textile goods excl. wearing apparel															
3213 Knitting mills		5	10	17	13		5868	5828	7097	6409		15 0	30 2	241 5	2162 6
3214 Carpets and rugs															
3215 Cordage, rope and twine															
3219 Other textiles		1	1	1	1		226	215	172	174		0 2	0 9	3 9	25 5
322 Wearing apparel, except footwear		127	116	10	92		32321	31467	17966	13305		63 7	90 0	466 0	3495 9
323 Leather and fur products		2	3	3	3		1146	1251	1289	1263		4 4	9 0	104 6	789 2
3231 Tanneries and leather finishing															
3232 Fur dressing and dyeing industries															
3233 Leather prods. excl. wearing apparel															
324 Footwear, except rubber or plastic		10	27	40	20		7038	6242	4738	3332		13 8	23 6	4 4	744 3
331 Wood products, except furniture		536	554	363	316		4119	3629	2446	2575		6 7	7 7	76 9	656 6
3311 Sawmills, planing and other wood mills		469	494	334	284		2174	2042	1762	1779		4 3	4 4	46 7	376 5
3312 Wooden and cane containers		32	28	22	14		859	801	587	445		1 7	2 7	26 6	173 9
3319 Other wood and cork products		35	32	7	18		1086	786	97	351		0 7	0 6	3 6	106 1
332 Furniture and fixtures, excl. metal		9	9	9	8		3668	3396	2986	2638		10 5	17 1	10 5	1162 0
341 Paper and products		1	1	2	2		142	120	133	102		0 2	0 2	2 3	30 6
3411 Pulp, paper and paperboard articles															
3412 Containers of paper and paperboard		1	1	2	2		142	120	133	102		0 2	0 2	2 3	30 6
3419 Other pulp, paper and paperboard articles															
342 Printing and publishing		23	23	21	26		2212	2015	1793	1787		7 2	9 0		845 9
351 Industrial chemicals			1	1	1			262	260				2 4	13 9	
3511 Basic chemicals excl. fertilizers															
3512 Fertilizers and pesticides															
3513 Synthetic resins and plastic materials															
352 Other chemicals		6	5	5	8		801	490	413	536		4 4	3 9	39 7	338 6
3521 Paints, varnishes and lacquers		3	3	3	4		175	138	124	116		0 7	0 9	19 8	123 2
3522 Drugs and medicines		2	2	2	3		608	334	289	420		3 7	2 9	19 9	209 4
3523 Soap, cleaning preps., perfumes, cosmetics		1			1		18	18					0 1		
3529 Other chemical products															
353 Petroleum refineries															

354 Misc petroleum and coal products	19	16	16	14	583	233	398	438	1.2	0.9	13.1	177.0			
355 Rubber products	-	-	1	1	-	-	262	216	-	-	10.2	74.8			
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-			
3559 Other rubber products	-	-	-	-	-	-	-	-	-	-	-	-			
356 Plastic products	2	2	2	3	1201	1046	813	892	3.1	4.6	27.4	302.6			
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-			
362 Glass and products	2	2	2	2	1297	1421	2162	2027	6.7	10.1	112.0	829.7			
369 Other non-metallic mineral products	264	255	190	162	19183	19478	16700	13112	62.3	101.1	472.7	3433.1			
3691 Structural clay products	1	4	3	2	267	131	417	375	3.2	4.1	21.2	133.9			
3692 Cement, lime and plaster	9	7	7	6	2276	2186	2414	2089	8.3	10.3	91.2	809.1			
3699 Other non-metallic mineral products	254	244	180	154	16640	17161	13869	10648	60.8	86.7	360.3	2490.1			
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-			
372 Non-ferrous metals	4	4	5	5	5636	5611	10412	9816	30.7	50.1	714.9	6860.3			
381 Fabricated metal products	643	616	388	389	37784	31160	19797	13796	46.6	62.0	484.7	3562.6			
3811 Cutlery, hand tools and general hardware	5	5	5	2	2171	1969	1692	316	4.7	6.6	19.8	64.8			
3812 Furniture and fixtures primarily of metal	-	-	-	-	-	-	-	-	-	-	-	-			
3813 Structural metal products	16	15	15	14	747	233	759	601	2.0	1.6	11.8	414.7			
3819 Other fabricated metal products	622	596	368	373	34866	28958	17346	12879	38.8	53.9	463.1	3073.0			
382 Non-electrical machinery	23	22	24	30	43187	40904	34290	27886	166.0	263.2	1114.7	9196.9			
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-			
3822 Agricultural machinery and equipment	3	3	3	3	7718	6997	6144	5733	26.9	54.7	401.7	2400.6			
3823 Metal and wood working machinery	7	6	8	9	16240	15713	13704	10695	69.0	81.1	418.4	3008.6			
3824 Other special industrial machinery	2	2	2	4	1670	1466	1218	1290	4.9	8.3	58.7	346.6			
3825 Office, computing and accounting machinery	2	2	2	3	4680	4455	3068	1850	30.7	47.6	148.4	1018.6			
3829 Other non-electrical machinery & equipment	9	9	9	11	12979	12273	10156	8117	43.6	71.6	87.6	2423.8			
383 Electrical machinery	15	15	15	17	20990	19640	17480	16464	73.2	136.1	628.4	6328.9			
3831 Electrical industrial machinery	10	10	10	12	9627	8766	7141	7128	41.6	66.2	466.8	2906.9			
3832 Radio, television and communication equipment	-	-	-	-	-	-	-	-	-	-	-	-			
3833 Electrical appliances and housewares	1	1	1	1	1647	1472	1290	984	7.2	28.0	103.2	760.9			
3839 Other electrical apparatus and supplies	4	4	4	4	9916	9303	9049	8342	24.2	40.9	69.4	2672.1			
384 Transport equipment	4	4	4	4	6068	4677	4374	3977	19.3	28.8	303.6	2718.3			
3841 Shipbuilding and repairing	1	1	1	1	91	86	66	43	0.4	0.6	3.3	23.2			
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-			
3843 Motor vehicles	3	3	3	3	4977	4591	4309	3934	18.9	28.2	300.3	2696.1			
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-			
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-			
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-			
385 Professional and scientific equipment	2	2	2	5	5513	4864	4219	3246	26.1	33.0	199.0	1694.4			
3851 Prof. and scientific equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-			
3852 Photographic and optical goods	-	-	-	-	-	-	-	-	-	-	-	-			
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-			
390 Other manufacturing industries	-	-	-	-	-	-	-	-	-	-	-	-			
3901 Jewellery and related articles	-	-	-	-	-	-	-	-	-	-	-	-			
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-			
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-			
3909 Manufacturing industries, n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-			
3 Total manufacturing	b/	3318	3243	2405	2315	b/	284391	271716	239984	216196	b/	842.0	1439.6	10090.4	77679.6

a/ Data converted to ISIC Rev 2 from All-Union Classification of National Economy Sectors.

b/ Totals refer to whole industry, including manufacturing.

Kyrgyzstan

ISIC Industry	Note	Output in producers' prices a/				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(thousand SOMS)					(million SOMS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		7484	15718	89303	599990		...	...	...	...	...	...	...
3111 Slaughtering, preparing & preserving meat		1512	3550	17697	136235		...	...	...	...	...	...	...
3112 Dairy products		645	2570	12719	312		...	...	...	...	...	...	...
3113 Canning, preserving of fruits & vegetables		265	572	5072	69004		...	...	...	...	...	...	...
3114 Canning, preserving and processing of fish		26	43	140	911		...	...	...	...	...	...	...
3115 Vegetable and animal oils and fats		149	282	1972	2980		...	...	...	...	...	...	...
3116 Grain mill products		1296	2920	28189	155737		...	...	...	...	...	...	...
3117 Bakery products		459	1334	9060	66934		...	...	...	...	...	...	...
3118 Sugar factories and refineries		2427	3242	4422	15844		...	...	...	...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		369	760	3963	63918		...	...	...	...	...	...	...
3121 Other food products		4754	7887		...	...	...	...	...	...	...
3122 Prepared animal feeds		336	465	1315	4728		...	...	...	...	...	...	...
313 Beverages		329	984	8348	30921		...	...	...	...	...	...	...
3131 Distilling, rectifying and blending spirits		63	225	3387	4506		...	...	...	...	...	...	...
3132 Wine industries		201	597	3691	16518		...	...	...	...	...	...	...
3133 Malt liquors and malt		64	162	1030	6698		...	...	...	...	...	...	...
3134 Soft drinks and carbonated waters		1	...	240	3199		...	...	...	...	...	...	...
314 Tobacco		2196	3676	23179	157620		...	...	...	...	...	...	...
321 Textiles		6865	22809	146644	784633		...	...	...	...	...	...	...
3211 Spinning, weaving and finishing textiles		6334	21535	136194	701556		...	...	...	...	...	...	...
3212 Made-up textile goods excl. wearing apparel		-	-	-	-		
3213 Knitting mills		482	1093	9821	81208		...	...	...	...	...	...	...
3214 Carpets and rugs		-	-	-	-		
3215 Cordage, rope and twine		-	-	-	-		
3219 Other textiles		49	181	629	1870		...	...	...	...	...	...	...
322 wearing apparel, except footwear		1854	4214	19146	123249		...	...	...	...	...	...	...
323 Leather and fur products		142	287	2261	17772		...	...	...	...	...	...	...
3231 Tanneries and leather finishing		
3232 Fur dressing and dyeing industries		
3233 Leather goods excl. wearing apparel		
324 Footwear, except rubber or plastic		411	869	4344	22718		...	...	...	...	...	...	...
331 Wood products, except furniture		245	414	2617	16253		...	...	...	...	...	...	...
3311 Sawmills, planing and other wood mills		169	292	1741	11896		...	...	...	...	...	...	...
3312 Wooden and cane containers		61	102	766	3326		...	...	...	...	...	...	...
3319 Other wood and cork products		14	20	120	1031		...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		276	558	3557	22811		...	...	...	...	...	...	...
341 Paper and products		15	24	266	889		...	...	...	...	...	...	...
3411 Pulp, paper and paperboard articles		-	-	-	-		
3412 Containers of paper and paperboard		15	24	266	889		...	...	...	...	...	...	...
3419 Other pulp, paper and paperboard articles		-	-	-	-		
342 Printing and publishing		75	159	688	6707		...	...	...	...	...	...	...
351 Industrial chemicals		-	44	186	3		...	...	...	...	...	...	...
3511 Basic chemicals excl. fertilizers		
3512 Fertilizers and pesticides		
3513 Synthetic resins and plastic materials		
352 Other chemicals		136	389	1545	4826		...	...	...	...	...	...	...
3521 Paints, varnishes and lacquers		41	92	731	2353		...	...	...	...	...	...	...
3522 Drugs and medicines		92	294	814	2473		...	...	...	...	...	...	...
3523 Soap, cleaning preps, perfumes, cosmetics		3	3	-	-		...	...	...	...	...	...	...
3529 Other chemical products		-	-	-	-		
353 Petroleum refineries		-	-	-	-		

Kyrgyzstan

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(million SOMS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 Wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 Wood products, except furniture		
332 Furniture and fixtures, excl. metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries		
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		

LATVIA

Supplier of information:

State Committee for Statistics of the Republic of Latvia, Riga.

Basic source of data:

Annual survey of all enterprises with industrial activity.

Major deviations from current version of ISIC:

None reported.

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

All establishments with industrial production, excluding individual producers

Method of enumeration:

Not reported.

Adjusted for non-response:

No.

Concepts and definitions of variables:

Number of establishments: Prior to 1992 enterprises with industry as their principal activity are counted as one unit, but each of the non-industrial units (i.e., enterprises with industry as their secondary line of activity) are counted as one establishment and classified accordingly. Beginning 1992 all industrial activities of a non-industrial enterprise are classified as belonging to the single industrial branch that accounts for the largest share of such activities. Figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Related national publications:

Latvia

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand LATS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311 2 Food Products	1478	1445	566	761	36492	35119	50478	36335	626.2	1234.8	14786.0				
313 Beverages	17	17	28	37	2798	2713	3168	3142	48.0	100.9	1361.1				
314 Tobacco	1	2	1	1	358	357	362	343	6.4	22.6	178.0				
321 Textiles	53	90	114	153	36911	33546	29380	18123	615.7	1256.0	7474.3				
322 wearing apparel, except footwear	82	210	170	169	19456	23542	12642	9537	319.9	788.2	3392.1				
323 Leather and fur products	2	10	19	35	1910	1905	1797	1512	38.6	72.7	664.8				
324 Footwear, except rubber or plastic	6	20	37	40	4518	4557	9576	6671	94.3	176.6	2964.4				
331 wood products, except furniture	1302	1258	219	425	14577	15550	15421	12620	269.4	648.6	3895.3				
332 Furniture and fixtures, excl. metal	13	49	75	104	7396	8405	8654	7716	142.0	301.6	2150.7				
341 Paper and products	12	16	26	24	3738	4051	3983	2418	62.3	144.9	968.3				
342 Printing and publishing	64	147	140	181	5327	4848	4571	4294	95.2	169.4	1139.3				
351 Industrial chemicals	4	9	14	13	6898	6631	6525	5004	114.2	226.0	2425.7				
352 Other chemicals	11	51	63	69	8514	8346	8193	6024	192.1	412.6	2996.7				
353 Petroleum refineries	1	1	2	2	133	123	120	396	2.4	3.9	38.3				
354 Misc. petroleum and coal products	1	8	6	8	2680	2451	218	163	50.5	101.2	40.3				
355 Rubber products	5	47	53	53	2876	3188	2416	1462	54.6	137.0	667.1				
356 Plastic products	16	22	8	9	3151	3023	2886	2089	57.1	118.3	749.9				
361 Pottery, china, earthenware	5	17	14	15	5459	5240	4815	2786	97.6	203.1	1279.2				
362 Glass and products	209	133	114	87	16711	16130	12610	6284	324.3	601.0	3196.9				
369 Other non-metallic mineral products	1	1	2	1	2557	2633	2782	2491	53.1	112.8	1063.9				
371 Iron and steel	1	1	3	3	292	235	178	88	6.1	8.2	43.0				
372 Non-ferrous metals	56	118	126	156	15416	10975	8135	4746	297.8	378.0	2063.7				
381 Fabricated metal products	1052	1009	273	255	47367	42026	26655	17192	829.9	1412.1	6419.6				
382 Non-electrical machinery	20	47	81	107	55564	51010	41682	27072	1080.2	1793.6	9008.3				
383 Electrical machinery	26	53	55	53	24773	22455	18064	14920	499.4	878.4	5753.0				
384 Transport equipment	4	24	37	35	2203	2101	1094	712	42.0	67.3	204.6				
385 Professional and scientific equipment	500	691	65	55	18445	17722	3401	1832	349.7	661.4	781.5				
390 Other manufacturing industries	4982	5496	2322	2853	345520	328882	279805	196972	6368.8	11822.1	76473.9				
3 Total manufacturing															

Latvia

ISIC Industry	Note	Output in producers' prices				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(thousand LATS)					(thousand LATS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		12671.6	31186.5	246810.7	280713.2		...	...	...	...	...	...	...
313 Beverages		454.8	1758.1	18281.6	30327.2		...	...	...	...	...	...	...
314 Tobacco		227.5	483.0	3729.7	6330.8		...	...	...	...	...	...	...
321 Textiles		6953.4	18845.0	67477.2	66635.4		...	...	...	...	...	...	...
322 Wearing apparel, except footwear		1987.1	5929.7	17297.5	13891.5		...	...	...	...	...	...	...
323 Leather and fur products		310.8	1370.7	4564.4	5790.1		...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		454.0	2596.4	20861.0	20437.7		...	...	...	...	...	...	...
331 Wood products, except furniture		1116.5	2965.4	28601.0	42214.0		...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		875.3	2093.3	14200.4	23721.1		...	...	...	...	...	...	...
341 Paper and products		576.3	2439.1	11985.0	5878.5		...	...	...	...	...	...	...
342 Printing and publishing		619.0	1717.6	5359.6	11991.5		...	...	...	...	...	...	...
351 Industrial chemicals		1439.5	2932.3	42746.3	33759.8		...	...	...	...	...	...	...
352 Other chemicals		3073.7	6860.3	31383.3	33730.6		...	...	...	...	...	...	...
353 Petroleum refineries		39.6	96.4	968.7	16397.7		...	...	...	...	...	...	...
354 Misc. petroleum and coal products		
355 Rubber products		365.8	903.0	485.9	685.1		...	...	...	...	...	...	...
356 Plastic products		333.7	870.2	3292.1	3276.9		...	...	...	...	...	...	...
361 Pottery, china, earthenware		129.1	404.5	4001.9	3889.0		...	...	...	...	...	...	...
362 Glass and products		412.4	1343.7	11359.2	5629.5		...	...	...	...	...	...	...
369 Other non-metallic mineral products		1407.1	3509.2	21942.4	15568.8		...	...	...	...	...	...	...
371 Iron and steel		658.5	908.7	20625.8	40830.2		...	...	...	...	...	...	...
372 Non-ferrous metals		57.0	106.5	512.7	411.1		...	...	...	...	...	...	...
38 Fabricated metal products		1303.8	2068.5	10086.4	9331.0		...	...	...	...	...	...	...
382 Non-electrical machinery		3550.3	7299.2	38763.3	39786.0		...	...	...	...	...	...	...
383 Electrical machinery		6836.7	11401.0	47323.9	44713.2		...	...	...	...	...	...	...
384 Transport equipment		2299.2	5340.3	49378.6	67852.1		...	...	...	...	...	...	...
385 Professional and scientific equipment		153.6	210.5	603.4	1657.5		...	...	...	...	...	...	...
390 Other manufacturing industries		2589.2	6463.1	5754.2	7029.3		...	...	...	...	...	...	...
3 Total manufacturing		50895.5	122102.2	729296.2	823488.8		...	...	...	...	...	...	...

Latvia

Gross fixed capital formation					Index numbers of industrial production										
ISIC Industry	Note	(thousand LATS)				Note	(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311-2 Food Products		312.7	51.8	5602.0	7286.0										
313 Beverages		7.6	18.1	765.2	3825.6										
314 Tobacco		1.2	1.9	0.1	-										
321 Textiles		215.4	136.3	5657.0	3864.5										
322 Wearing apparel, except footwear		12.2	-4.8	262.0	279.3										
323 Leather and fur products		-7.2	-28.5	84.7	76.8										
324 Footwear, except rubber or plastic		-46.2	9.5	378.4	420.3										
331 Wood products, except furniture		20.7	47.2	1262.6	1975.2										
332 Furniture and fixtures, excl. metal		23.9	26.2	496.7	953.8										
341 Paper and products		0.8	54.5	167.5	80.9										
342 Printing and publishing		11.3	17.7	1863.3	2290.2										
351 Industrial chemicals		47.1	26.6	92.8	120.0										
352 Other chemicals		90.2	251.5	392.1	739.8										
353 Petroleum refineries		0.5	0.7	1.4	1.6										
354 Misc. petroleum and coal products															
355 Rubber products		5.7	2.5		81.5										
356 Plastic products		10.6	6.1	256.5	83.3										
361 Pottery, china, earthenware		2.4	2.1	17.0	15.0										
362 Glass and products		8.3	10.2	80.9	-346.0										
363 Other non-metallic mineral products		24.4	154.5	2395.4	1891.2										
371 Iron and steel		16.5	22.4	7.9	17.3										
372 Non-ferrous metals		-0.3	-0.5	0.3	-										
381 Fabricated metal products		9.3	15.9	813.4	702.1										
382 Non-electrical machinery		61.5	113.2	559.6	951.2										
383 Electrical machinery		210.9	210.6	2004.0	600.8										
384 Transport equipment		76.5	130.1	1957.6	3099.0										
385 Professional and scientific equipment		4.5	-14.6	0.6	2.7										
390 Other manufacturing industries		112.0	36.8	843.2	892.7										
3 Total manufacturing		1232.6	1298.1	25962.2	29890.4										

LESOTHO

Supplier of information:
Bureau of Statistics, Maseru.

Basic source of data:
Prior to 1992, annual survey of industrial production. Beginning 1992, quarterly survey of enterprises

Major deviations from current version of ISIC:
None reported

Reference period (if not calendar year):
Prior to 1992, the fiscal year beginning 1 April of the reference year. Beginning 1992, calendar year

Scope:
Prior to 1992, establishments with 5 or more persons engaged; beginning 1992, establishments with 40 or more persons engaged.

Method of enumeration:
The survey is carried out by mail and field contacts.

Adjusted for non-response:
No

Concepts and definitions of variables:
Wages and salaries is compensation of employees.

Related national publications:
Census of Industrial Production; Statistical Reports; all published by the Bureau of Statistics, Maseru.

Lesotho

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand MALOTI)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311 2 Food Products		26a/	...	10a/	10	3015a/	...	2481a/	2260		...	...	21790a/	18900
313 Beverages		a/	...	a/	1	a/	...	a/	608		...	...	z/	19700
314 Tobacco		...	...	...	...	...	...	...	...		...	...	...	...
321 Textiles		351b/	...	20b/	16b/	8245b/	...	6748b/	6368b/		...	...	20689b/	27200b/
322 wearing apparel, except footwear		b/	...	b/	b/	b/	...	b/	b/		...	...	b/	b/
323 Leather and fur products		55c/	...	5c/	3c/	2528c/	...	1906c/	1858c/		...	...	7983c/	10800c/
324 Footwear, except rubber or plastic		c/	...	c/	c/	c/	...	c/	c/		...	...	c/	c/
331 wood products, except furniture		...	...	...	...	...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl metal		92	...	1	1	896	...	...	218		...	...	...	600
341 Paper and products		...	...	...	...	...	...	...	...		...	...	...	...
342 Printing and publishing		6	...	2	2	362	...	154	144		...	...	969	1100
351 Industrial chemicals		...	...	...	...	...	...	...	...		...	...	...	...
352 Other chemicals		14	...	2	2	573	...	187	179		...	...	2118	1900
353 Petroleum refineries		...	...	...	...	...	...	...	...		...	...	...	...
354 Misc petroleum and coal products		...	...	...	...	...	...	...	...		...	...	...	...
355 Rubber products		...	...	...	...	...	...	...	...		...	...	...	...
356 Plastic products		...	...	...	...	...	...	...	...		...	...	...	...
361 Pottery, china, earthenware		...	...	...	...	...	...	...	...		...	...	...	...
362 Glass and products		...	...	...	...	...	...	...	...		...	...	...	...
369 Other non-metallic mineral products		41	...	...	3	1098	...	247	179		...	...	1468	1200
371 Iron and steel		...	...	...	1	...	...	...	61		...	...	...	1000
372 Non-ferrous metals		...	...	...	...	...	...	...	...		...	...	...	...
381 Fabricated metal products		74	...	...	...	1143	...	...	...		...	...	...	...
382 Non-electrical machinery		...	...	...	...	...	...	...	...		...	...	...	...
383 Electrical machinery		...	...	...	...	...	...	...	...		...	...	...	...
384 Transport equipment		...	...	...	...	...	...	...	...		...	...	...	...
385 Professional and scientific equipment		...	...	...	...	...	...	...	...		...	...	...	...
390 Other manufacturing industries		29	...	2	3	763	...	404	1119		...	...	780	4500
3 Total manufacturing	d/	686	...	...	...	d/	18620	...	...		...	...	...	...

a/ 311 2 includes 313
 b/ 323 includes 324

b/ 321 includes 322.
 d/ Sum of available data.

LITHUANIA

Supplier of information:

Lithuanian Department of Statistics, Vilnius.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

Data collected under ISIC Rev. 3 have been reclassified by the national authorities to achieve the best possible correspondence with the current version of the ISIC.

Reference period (if not calendar year):

Scope:

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Related national publications:

Lithuanian Statistics Yearbook 1993.

Lithuania

	Number of enterprises				Note	Number of employees				Note	wages and salaries paid to employees			
	(numbers)					(numbers)					(thousand LITA)			
ISIC Industry	Note	1990	1991	1992	1993	1990	1991	1992	1993	1990	1991	1992	1993	
1510 Industry														
311 Food products					179			59172	55000			59645	153780	
3111 Slaughtering, preparing & preserving meat								12285	10517			12089	29406	
3112 Dairy products								15387	14395			12556	36275	
3113 Canning, preserving of fruits & vegetables								3076	2709			2141	5429	
3114 Canning, preserving and processing of fish								12226	11351			8803	30239	
3115 Vegetable and animal oils and fats								213	194			207	729	
3116 Grain mill products								1376	1302			1073	3359	
3117 Dairy products								7099	7473			6646	24302	
3118 Sugar factories and refineries								2230	2185			2730	7551	
3119 Cocoa, chocolate and sugar confectionery								2262	2044			2524	8119	
3121 Other food products								58	52			78	178	
3122 Prepared animal feeds								2959	2778			2557	8367	
313 Beverages					24			5166	5208			6579	19124	
3131 Distilling, rectifying and blending spirits								1382	1385			1559	4870	
3132 Wine industries								932	985			861	3392	
3133 Malt liquors and malt								2772	2742			3127	3842	
3134 Soft drinks and carbonated waters								80	96			29	173	
3-4 Tobacco					2			571	568			555	2406	
321 Textiles					103			51912	47962			39245	101296	
3211 Spinning, weaving and finishing textiles								26600	23922			21386	53107	
3212 Made-up textile goods excl. wearing apparel								1654	1802			1270	3422	
3213 Knitting mills								22889	21762			15656	41783	
3214 Carpets and rugs								752	648			1047	2932	
3215 Cordage, rope and twine								17	28			7	17	
3219 Other textiles								-	-			-	-	
322 Wearing apparel, except footwear					115			18883	18054			11556	42246	
323 Leather and fur products					37			5739	5524			4752	12330	
3231 Tanneries and leather finishing								1313	1288			1339	3292	
3232 Fur dressing and dyeing industries								2576	2512			2009	6532	
3233 Leather goods excl. wearing apparel								1850	1724			1265	3434	
324 Footwear, except rubber or plastic					20			9843	8330			8032	14094	
331 Wood products, except furniture					162			8264	7263			4463	13945	
3311 Sawmills, planing and other wood mills								4470	4230			2199	8071	
3312 Wooden and cane containers								673	603			606	1700	
3319 Other wood and cork products								3121	2430			1236	3208	
332 Furniture and fixtures, excl. metal					62			14337	12851			9807	31151	
341 Paper and products					16			6735	5837			5819	14359	
3411 Pulp, paper and paperboard articles								5358	4527			4501	10050	
3412 Containers of paper and paperboard								630	628			650	2155	
3415 Other pulp, paper and paperboard articles								747	682			654	2095	
342 Printing and publishing					103			4442	4095			2239	11450	
351 Industrial chemicals					31			6523	5832			6569	16592	
3511 Basic chemicals excl. fertilizers								27	60			8	192	
3512 Fertilizers and pesticides								4359	3899			5022	11567	
3513 Synthetic resins and plastic materials								2137	1873			1539	3843	
352 Other chemicals								5422	4248			3609	9253	
3521 Paints, varnishes and lacquers								2	5			2	15	
3522 Drugs and medicines								3163	2361			1822	4846	
3523 Soaps, cleaning preps., perfumes, cosmetics								2047	1686			1621	3702	
3529 Other chemical products								210	196			164	691	
353 Petroleum refineries								-	-			-	-	

354 Misc petroleum and coal products	2	3008	3119	3698	18227
355 Rubber products	42	280	223	148	348
3551 Tyres and tubes		280	223	171	361
3559 Other rubber products				-	-
356 Plastic products		3280	2712	2244	6411
361 Pottery, china, earthenware		1264	1046	993	2433
362 Glass and products		2049	1842	1746	4907
369 Other non-metallic mineral products	144	29636	23176	17287	52111
3691 Structural clay products		2259	1942	1328	3449
3692 Cement, lime and plaster		2332	1925	2436	5567
3699 Other non-metallic mineral products		25046	19308	13624	43096
371 Iron and steel		3190	2656	2488	7389
372 Non-ferrous metals	6	22	15	6	18
381 Fabricated metal products	69	12500	10004	8250	20768
3811 Cutlery, hand tools and general hardware		2867	2335	1514	3727
3812 Furniture and fixtures primarily of metal		-	-	-	-
3513 Structural metal products		1781	1574	1240	3608
3819 Other fabricated metal products		7852	6096	6371	13897
382 Non-electrical machinery	107	29881	22558	15085	39001
3821 Engines and turbines		3	15	-	6
3822 Agricultural machinery and equipment		6374	5106	3136	8946
3823 Metal and wood working machinery		8860	6657	4465	11184
3824 Other special industrial machinery		103	88	91	171
3825 Office, computing and accounting machinery		6372	4403	2982	4808
3829 Other non-electrical machinery & equipment		8169	6289	4411	13886
383 Electrical machinery	36	50137	43869	33692	93157
3831 Electrical industrial machinery		11283	9042	7682	19206
3832 Radio, television and communication equipm		29719	25990	20684	63312
3833 Electrical appliances and housewares		9136	8827	7664	30930
3839 Other electrical apparatus and supplies		-	-	-	-
384 Transport equipment	30	13238	11054	7307	25070
3841 Shipbuilding and repairing		7669	3083	5154	16256
3842 Railroad equipment		-	-	-	-
3843 Motor vehicles		3108	2836	2462	5037
3844 Motorcycles and bicycles		2180	1792	1266	3356
3845 Aircraft		281	343	175	700
3849 Other transport equipment		-	-	-	-
385 Professional and scientific equipment	16	11535	8741	5122	16258
3851 Prof and scientific equipment n e c		11534	8737	5122	16261
3852 Photographic and optical goods		1	4	-	7
3853 Watches and clocks		-	-	-	-
390 Other manufacturing industries	27	42738	39531	769	1913
3901 Jewellery and related articles		1198	1038	618	1432
3902 Musical instruments		14	14	13	49
3903 Sporting and athletic goods		294	208	138	432
3909 Manufacturing industries, n e c		41232	38271	-	-
3 Total manufacturing	1333a/	399757a/	351206a/	278231	809176

a Sum of reported data

Lithuania

ISIC Industry	Note	Output in producers' prices				Note	Value added				Share of value added in output		Share of wages and salaries in value added		
		(thousand LITA)					(thousand LITA)				(percentage)		(percentage)		
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993	
310 2 Food Products				798509	2409829										
3111 Slaughtering, preparing & preserving meat				285773	751488										
3112 Dairy products				220324	741043										
3113 Canning, preserving of fruits & vegetables				14861	41275										
3114 Canning, preserving and processing of fish				106541	166846										
3115 Vegetable and animal oils and fats				3310	11532										
3116 Grain mill products				28732	97940										
3117 Bakery products				25538	180932										
3118 Sugar factories and refineries				32225	146437										
3119 Cocoa, chocolate and sugar confectionery				23485	75979										
3121 Other food products				661	1063										
3122 Prepared animal feeds				57059	195294										
312 Beverages				54907	413050										
3131 Distilling, rectifying and blending spirits				9025	207749										
3132 Wine industries				27058	101565										
3133 Malt liquors and malt				18612	102018										
3134 Soft drinks and carbonated waters				212	1718										
314 Tobacco				23466	48081										
321 Textiles				375533	822678										
3211 Spinning, weaving and finishing textiles				269814	530036										
3212 Made-up textile goods excl. wearing apparel				4740	34737										
3213 Knitting mills				86726	225822										
3214 Carpets and rugs				14128	31671										
3215 Cordage, rope and twine				-	-										
3219 Other textiles				125	412										
322 Wearing apparel, except footwear				60580	148762										
323 Leather and fur products				46362	114459										
3231 Tanneries and leather finishing				20568	48134										
3232 Fur dressing and dyeing industries				18432	50835										
3233 Leather goods excl. wearing apparel				7362	15490										
324 Footwear, except rubber or plastic				57851	98460										
331 Wood products, except furniture				113018	121444										
3311 Sawmills, planing and other wood mills				103353	75687										
3312 Wooden and cane containers				4998	6708										
3319 Other wood and cork products				4667	8318										
332 Furniture and fixtures, excl. metal				71910	215604										
341 Paper and products				51995	88108										
3411 Pulp, paper and paperboard articles				41020	54956										
3412 Containers of paper and paperboard				3486	23228										
3419 Other pulp, paper and paperboard articles				2489	9924										
342 Printing and publishing				8886	48259										
351 Industrial chemicals				134958	315764										
3511 Basic chemicals excl. fertilizers				23	947										
3512 Fertilizers and pesticides				120767	277605										
3513 Synthetic resins and plastic materials				14168	37212										
352 Other chemicals				33932	70735										
3521 Paints, varnishes and lacquers				12	107										
3522 Drugs and medicines				16562	35790										
3523 Soap, cleaning preps., perfumes, cosmetics				16339	32090										
3529 Other chemical products				1019	2748										
353 Petroleum refineries				-	-										

Lithuania

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand LITA)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 Wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 Wood products, except furniture		
332 Furniture and fixtures, excl. metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries		
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		

LUXEMBOURG

Supplier of information:

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

Basic source of data:

Annual survey of industrial production.

Major deviations from current version of ISIC:

Data, originally compiled according to NACE 70, have been regrouped to correspond, as far as possible, to the current version of ISIC.

Combined information is shown for a number of industries in order not to divulge confidential information.

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

Enterprises
The indices of industrial production cover all establishments except handicrafts.

Method of enumeration:

Enterprises with an average of less than 20 persons engaged during the year are sampled, the rest are completely enumerated.

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Output relates to the value of sales of goods and services adjusted for changes in the value of stocks of finished goods and work in progress. The value of work done on own account and the value of goods provided to employees as payments in kind are included. For goods sold in the same condition as received, the gross margin is used.

Value added relates to the value of output less the cost of materials, supplies and services purchased for use in the production process; adjustments are made for changes in the value of stocks of materials.

Gross fixed capital formation represents the acquisition of new and used fixed assets, less sales, including own-account work. Fixed capital formation in new establishments not yet in operation during the year is included. Transactions are recorded at the time of delivery for movable capital goods. For immovable capital goods (buildings, etc.) and large-scale projects the value of work put in place is recorded, whether or not completed.

Related national publications:

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

Luxembourg

ISIC Industry	Number of enterprises				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million FRANCS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		233	233	227	214		2244	2258	2727	3044		1265	1361	1916	2183
313 Beverages	a/	21	20	22	22	a/	883	911	946	961	a/	800	884	900	970
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
321 Textiles		76b/	84b/	...	...		500c/	512c/	900b/	900b/		648c/	686c/	929b/	968b/
322 Wearing apparel, except footwear		...b/	...b/	...	...		381	377	...b/	...b/		146	146	...b/	...b/
323 Leather and fur products		...b/	...b/	...	...		...c/	...c/	...b/	...b/		...c/	...c/	...b/	...b/
324 Footwear, except rubber or plastic		...b/	...b/	...	...		...c/	...c/	...b/	...b/		...c/	...c/	...b/	...b/
331 Wood products, except furniture		81d/	84d/	...	...	d/	385	408	400	400	d/	219	242	286	273
332 Furniture and fixtures, excl. metal		...d/	...d/	...	...	d/	...	...	...	...	d/	...	...	...	...
341 Paper and products		...e/	...e/	...	...	e/	...	...	...	...	e/	...	...	...	...
342 Printing and publishing		118e/	125e/	...	...	e/	1715	1795	1900	1900	e/	1578	1783	2036	2122
351 Industrial chemicals	f/g/	33	32	35	37	f/g/	5167	5075	4837	4670	f/g/	5521	5711	6830	5894
352 Other chemicals		13	14	12	12		423	511	915	1177		309	386	832	1089
353 Petroleum refineries		...	...	...	...		...	...	...	...		...	...	...	...
354 Misc. petroleum and coal products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
355 Rubber products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
356 Plastic products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
361 Pottery, china, earthenware		41h/	41h/	...	...	h/	3077	3345	3400	3300	h/	2469	2839	3031	3142
362 Glass and products		...h/	...h/	...	...	h/	...	...	...	...	h/	...	...	...	...
369 Other non-metallic mineral products		...h/	...h/	...	...	h/	...	...	...	...	h/	...	...	...	...
371 Iron and steel	g/	8	7	9	9	g/	10609	9839	9564	8825	g/	12316	12910	11507	10970
372 Non-ferrous metals		9	8	7	6		1432	1327	886	868		1373	1343	904	936
381 Fabricated metal products		134	139	139	134		4479	4678	4962	4958		3738	4140	4703	5038
382 Non-electrical machinery		34	35	39	39		2418	2473	2658	2620		2744	2970	3328	3608
383 Electrical machinery	1/	51	57	51	53	1/	1602	1719	1908	2023	1/	1063	1214	1513	1662
384 Transport equipment		17	17	17	17		479	488	441	398		300	320	309	284
385 Professional and scientific equipment	1/	...	...	...	...	1/	...	...	...	...	1/	...	...	...	...
390 Other manufacturing industries		...d/	...d/	...	...	d/	...	...	...	...	d/	...	...	...	...
3 Total manufacturing		869	896	882	876		35794	35709	36442	35944		34478	36934	38026	39039

a/ 313 includes 314

c/ 321 includes 323 and 324

e/ 342 includes 341.

g/ Production of Thomas slag is included in major group 351

1/ 383 includes 385

b/ 321 includes 322, 323 and 324.

d/ 331 includes 332 and 390.

f/ 351 includes 354, 355 and 356.

h/ 361 includes 362 and 369.

Luxembourg

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million FRANCS)					(million FRANCS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		10264	10453	12433	12842		2442	2558	2869	3011	23.8	23.4	51.8	72.5
313 Beverages	a/	5143	5486	5974	6393	a/	2434	2817	2323	2493	47.3	39.0	32.9	36.9
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	...	...	...	...
321 Textiles		5776b/	6289b/	6664c/	7504c/		1967b/	2141b/	3633c/	4083c/	34.1	54.4	32.9	23.7
322 Wearing apparel, except footwear		256	256	...	...		188	186	...	...	73.4	...	77.1	...
323 Leather and fur products		...b/	...b/	...c/	...c/		...b/	...b/	...c/	...c/	...	...	...	...
324 Footwear, except rubber or plastic		...b/	...b/	...c/	...c/		...b/	...b/	...c/	...c/	...	...	...	...
331 Wood products, except furniture	d/	1245	1576	1260	1186	d/	504	603	522	489	40.5	41.2	43.5	55.8
332 Furniture and fixtures, excl. metal	d/	...	...	...	...	d/	...	...	...	...	...	...	...	...
341 Paper and products	e/	...	...	...	...	e/	...	...	...	...	...	...	...	...
342 Printing and publishing	e/	4972	5919	7234	7627	e/	2633	3124	3016	2743	53.0	36.0	59.9	77.4
351 Industrial chemicals	f/g/	35505	32675	33384	35453	f/g/	13367	12023	12159	11320	37.6	31.9	41.3	52.1
352 Other chemicals		2070	2650	9079	14070		589	754	1248	1706	28.5	12.1	52.5	63.9
353 Petroleum refineries		...	...	...	...		...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	f/	...	...	...	...	f/	...	...	...	...	...	...	...	...
355 Rubber products	f/	...	...	...	...	f/	...	...	...	...	...	...	...	...
356 Plastic products	f/	...	...	...	...	f/	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	h/	13914	15381	16079	15867	h/	6670	7081	7715	7661	47.9	47.8	37.0	41.4
362 Glass and products	h/	...	...	...	...	h/	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	h/	...	...	...	...	h/	...	...	...	...	...	...	...	...
371 Iron and steel	g/	82989	76830	66486	59386	g/	27447	25421	16101	14183	33.1	23.9	44.9	77.3
372 Non-ferrous metals		12062	9689	6076	6189		3126	2492	1964	1935	25.9	31.3	43.9	48.4
381 Fabricated metal products		17002	17318	18760	18935		6778	6796	7276	7213	39.9	36.1	65.1	69.8
382 Non-electrical machinery		8379	9608	10653	7783		4206	4778	4714	4040	50.2	51.9	65.3	66.8
383 Electrical machinery	1/	6939	6964	6545	6938	1/	2929	2945	2811	2867	42.2	41.3	36.0	56.0
384 Transport equipment		1488	1601	1617	1390		591	631	623	442	39.7	31.8	50.8	64.3
385 Professional and scientific equipment	1/	...	...	...	...	1/	...	...	...	...	...	...	...	...
390 Other manufacturing industries	d/	...	...	...	...	d/	...	...	...	...	...	...	...	...
3 Total manufacturing		207994	202695	202244	201563		75669	74149	66872	64106	36.5	31.8	45.4	60.9

a/ 313 includes 314.

c/ 321 includes 322, 323 and 324.

e/ 342 includes 341.

g/ Production of Thomas slag is included in major group 351.

1/ 383 includes 385.

b/ 321 includes 323 and 324.

d/ 331 includes 332 and 390.

f/ 351 includes 354, 355 and 356.

h/ 361 includes 362 and 369.

Luxembourg

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(million FRANCS)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		575	654	943	717		109	109	107	106	113	118	122	117	113	
313 Beverages	a/	363	302	543	525	a/	153	162	156	154	166	160	170	174	161	
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	...	...	...	...	...
321 Textiles	b/	220	556	429	329		...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear	b/	...	...	...	...	c/	108	99	98	122	197	225	232	243	223
323 Leather and fur products	b/	...	...	...	...		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	c/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	d/	167	10	93	77	e/	107	111	104	111	111	124	119	107	115	
332 Furniture and fixtures, excl. metal	d/	...	...	...	...	e/	...	...	...	...	...	...	...	...	...
341 Paper and products	f/	...	...	...	...		...	...	...	...	...	...	...	...	...
342 Printing and publishing	f/	586	328	1564	322		115	116	122	127	136	148	163	157	161	
351 Industrial chemicals	g/h/	1651	1445	856	1738		...	...	...	...	...	...	...	...	...
352 Other chemicals		224	1911	3753	33		...	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	g/	...	...	...	...		...	...	...	...	...	...	...	...	...
355 Rubber products	g/	...	...	...	...		126	130	128	135	137	128	119	124	119
356 Plastic products	g/	...	...	...	...		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	i/	1203	365	775	2439	i/	142	167	177	185	239	247	246	265	249	
362 Glass and products	i/	...	...	...	...	i/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	i/	...	...	...	...	i/	...	...	...	...	...	...	...	...	...
371 Iron and steel	h/	1846	3331	3575	1738		102	97	90	102	104	100	96	89	89	
372 Non-ferrous metals		572	1381	674	132		100	100	108	114	122	130	135	129	128	
381 Fabricated metal products		1090	800	937	710		99	98	102	110	116	120	122	116	110	
382 Non-electrical machinery		476	691	303	326		135	134	138	167	173	180	181	155	138	
383 Electrical machinery	j/	282	812	1095	366		213	218	236	277	297	315	338	307	305	
384 Transport equipment		71	39	57	84		108	108	104	113	125	135	136	135	125	
385 Professional and scientific equipment	j/	...	...	...	...		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	d/	...	...	...	...		...	...	...	...	...	...	...	...	...
3 Total manufacturing		9326	12723	15596	9536		...	...	...	...	...	...	...	...	...

a/ 313 includes 314
c/ 322 includes 324
e/ 331 includes 332
g/ 351 includes 354, 355 and 356
i/ 361 includes 362 and 369

b/ 321 includes 322, 323 and 324
d/ 331 includes 332 and 380.
f/ 342 includes 341.
h/ Production of Thomas slag is included in major group 351.
j/ 383 includes 385.

MACAU

Supplier of information:

Direcção de Serviços de Estatística e Censos, Macau.

Basic source of data:

Annual industrial census.

Major deviations from current version of ISIC:

ISIC 383 includes manufacture of electrical office computing and accounting equipment, which is not shown on the detailed industry level. ISIC 390 includes manufacture of toys, which is not shown on the detailed industry level.

Reference period (if not calendar year):

Scope:

All legal establishments.

Method of enumeration:

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

Adjusted for non-response:

No.

Concepts and definitions of variables:

Number of employees is the average of the quarterly numbers.

Related national publications:

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

Macau

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand PATACAS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food products		131	131	124	126		968	878	760	828		29715	30431	29402	36217
3111 Slaughtering, preparing & preserving meat		10	10	9	9		122	123	115	112		4405	4909	5265	5549
3112 Dairy products		3	3	3	3		25	25	25	25		792	915	874	1049
3113 Canning, preserving of fruits & vegetables		5	3	3	3		48	39	41	43		1303	1105	1299	1435
3114 Canning, preserving and processing of fish		8	8	5	5		203	188	102	90		5945	5422	4128	3533
3115 Vegetable and animal oils and fats		1	1	1	1		9	8	7	6		340	318	354	221
3116 Grain mill products		-	-	-	-		-	-	-	-		-	-	-	-
3117 Bakery products		90	90	90	95		458	417	410	505		14630	14362	15310	21821
3118 Sugar factories and refineries		1	-	-	-		2	1	1	1		55	48	54	55
3119 Cocoa, chocolate and sugar confectionery		17	15	12	9		81	77	59	45		2235	2351	2108	1754
3121 Other food products		-	-	-	-		-	-	-	-		-	-	-	-
3122 Prepared animal feeds		-	-	-	-		-	-	-	-		-	-	-	-
313 Beverages		11	9	8	6		223	187	185	190		9940	9597	10617	12071
3131 Distilling, rectifying and blending spirits		9	8	7	4		33	23	22	17		583	445	498	555
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt		-	-	-	-		-	-	-	-		-	-	-	-
3134 Soft drinks and carbonated waters		2	1	1	2		190	164	164	173		9357	9152	10119	11514
314 Tobacco		1	1	1	2		39	37	33	75		854	905	898	2425
321 Textiles		250	265	237	227		10129	10490	9542	8584		352853	371457	355055	372753
3211 Spinning, weaving and finishing textiles		78	80	69	65		2458	2281	1951	1404		91124	85514	77088	61245
3212 Made-up textile goods excl. wearing apparel		34	35	35	32		527	533	479	398		15117	18531	15800	17151
3213 Knitting mills		165	141	123	117		5837	7440	6922	6879		233115	258405	251533	285513
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
3215 Cordage, rope and twine		4	3	3	4		23	17	17	23		533	415	287	557
3219 Other textiles		9	7	7	8		274	219	173	180		9974	7801	7258	7077
322 Wearing apparel, except footwear		745	587	544	558		35527	34337	30984	28184		1088551	1191118	1175943	1154398
323 Leather and fur products		16	12	10	5		1079	871	658	328		34108	33795	27479	15577
3231 Tanneries and leather finishing		2	2	2	1		31	25	27	3		1035	924	953	114
3232 Fur dressing and dyeing industries		1	1	1	1		327	274	319	255		11894	13405	14145	13455
3233 Leather prods. excl. wearing apparel		13	9	7	3		721	571	322	50		21179	19455	12371	2097
324 Footwear, except rubber or plastic		25	25	18	19		581	780	547	504		22485	25427	19855	20702
331 Wood products, except furniture		53	45	35	29		214	132	103	81		7584	5455	4938	3550
3311 Sawmills, planing and other wood mills		20	19	15	12		119	93	85	55		5122	4079	4289	2995
3312 Wooden and cane containers		15	13	10	8		41	23	11	10		995	712	397	355
3319 Other wood and cork products		18	13	11	9		54	15	6	5		1555	577	252	180
332 Furniture and fixtures, excl. metal		194	155	158	145		717	559	484	405		25930	21502	21470	20594
341 Paper and products		47	44	41	37		573	471	377	259		18557	17144	14390	11495
3411 Pulp, paper and paperboard articles		2	2	1	-		18	32	27	-		502	1171	1030	-
3412 Containers of paper and paperboard		37	35	32	29		514	407	317	248		15952	14977	12245	10505
3419 Other pulp, paper and paperboard articles		8	7	8	8		41	32	33	21		1103	995	1115	959
342 Printing and publishing		94	92	95	97		1283	1218	1248	1241		50915	54013	50453	55920
351 Industrial chemicals		-	-	-	-		-	-	-	-		-	-	-	-
3511 Basic chemicals excl. fertilizers		-	-	-	-		-	-	-	-		-	-	-	-
3512 Fertilizers and pesticides		-	-	-	-		-	-	-	-		-	-	-	-
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		14	11	11	10		311	275	254	251		12477	12393	13354	17029
3521 Paints, varnishes and lacquers		1	1	1	1		18	15	15	22		522	572	923	1258
3522 Drugs and medicines		6	7	5	5		105	99	95	91		5429	5551	5545	5733
3523 Soap, cleaning preps., perfumes, cosmetics		1	1	1	1		5	1	1	-		155	33	34	-
3529 Other chemical products		6	2	3	3		153	150	139	148		5271	5137	5551	7058
353 Petroleum refineries		-	-	-	-		-	-	-	-		-	-	-	-

354 Misc. petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	1	1	1	1	18	14	13	9	592	540	504	338	
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-	
3559 Other rubber products	1	1	1	1	18	14	13	9	592	540	504	338	
356 Plastic products	30	29	26	24	335	557	481	405	11854	17553	19751	19902	
361 Pottery, china, earthenware	13	8	2	1	520	305	135	83	20981	10355	5537	3705	
362 Glass and products	14	13	13	13	29	24	21	20	1230	1488	1287	1297	
369 Other non-metallic mineral products	10	11	12	14	37	55	104	245	1091	2304	7585	20035	
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-	
3692 Cement, lime and plaster	-	-	-	1	-	-	-	-	-	-	-	-	
3693 Other non-metallic mineral products	10	11	12	13	37	55	104	245	1091	2304	7585	20035	
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-	
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	
381 Fabricated metal products	282	265	254	243	890	785	743	698	32393	33032	34379	35872	
3811 Cutlery, hand tools and general hardware	23	13	10	12	51	51	28	29	2214	2302	1489	1523	
3812 Furniture and fixtures primarily of metal	1	2	1	1	2	5	-	12	72	281	-	500	
3813 Structural metal products	213	212	209	200	512	555	537	495	20917	22413	24551	24855	
3819 Other fabricated metal products	45	38	34	30	215	173	175	159	9190	5035	5239	5953	
382 Non-electrical machinery	55	57	24	31	138	153	85	99	5035	4159	4225	5997	
3821 Engines and turbines	1	1	-	-	3	-	-	-	98	-	-	-	
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3823 Metal and wood working machinery	2	3	1	1	5	5	5	4	105	99	85	94	
3824 Other special industrial machinery	40	40	15	22	105	125	53	74	3981	4855	3005	5757	
3825 Office, computing and accounting machinery	1	1	1	1	-	-	-	-	-	-	-	-	
3829 Other non-electrical machinery & equipment	12	12	7	7	25	27	25	21	852	1202	1122	1135	
383 Electrical machinery	19	10	38	31	888	529	557	550	32500	18500	24300	25525	
3831 Electrical industrial machinery	-	-	-	4	-	-	-	5	-	-	-	320	
3832 Radio, television and communication equipm.	7	4	4	3	115	104	47	35	2954	4257	1491	1200	
3833 Electrical appliances and housewares	-	-	3	3	-	-	3	4	-	-	150	170	
3839 Other electrical apparatus and supplies	12	5	29	18	393	255	359	330	11455	9052	14507	13599	
384 Transport equipment	71	55	53	53	512	473	413	294	25192	31153	29090	25734	
3841 Shipbuilding and repairing	70	54	52	51	510	473	413	293	25155	31153	29072	25575	
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3843 Motor vehicles	-	-	-	-	-	-	-	-	-	-	-	-	
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-	
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	
3845 Other transport equipment	1	1	1	2	2	-	-	1	27	15	15	59	
385 Professional and scientific equipment	2	2	2	2	531	559	554	393	21135	23173	23532	35400	
3851 Prof. and scientific equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-	
3852 Photographic and optical goods	2	2	2	2	531	559	554	393	21135	23173	23532	35400	
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-	
390 Other manufacturing industries	105	78	92	83	7152	4555	4004	3705	252500	172700	141300	139555	
3901 Jewellery and related articles	12	15	14	11	71	95	85	27	2125	2733	3152	1159	
3902 Musical instruments	1	1	1	1	35	37	37	35	1544	1577	1547	5502	
3903 Sporting and athletic goods	3	3	3	3	142	152	175	175	4219	5552	5591	5552	
3909 Manufacturing industries, n.e.c.	90	58	51	45	1157	455	294	235	32514	14551	10151	9535	
3 Total manufacturing	2225	2027	1911	1757	52952	55552	52427	47552	2051555	2090455	2035455	2051313	

a/ Including data not shown at the detailed industry level, i.e. manufacture of electrical office computing and accounting equipment.
b/ Including data not shown at the detailed industry level, i.e. manufacture of toys.

Macao

ISIC Industry	Note	Output in producers' prices (thousand PATACAS)				Note	Value added in producers' prices (thousand PATACAS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311.2 Food Products		134660	137867	138178	155330	45550	48054	46843	60495	33.8	38.9	65.2	58.2	
3111 Slaughtering, preparing & preserving meat		15229	16258	15433	16650	7977	8896	8934	9758	52.4	58.6	55.2	56.9	
3112 Dairy products		2578	2855	2751	3070	1129	1243	1313	1623	43.8	52.9	70.2	64.6	
3113 Canning, preserving of fruits & vegetables		8854	7856	3874	9475	2167	2177	2367	2407	24.4	25.4	60.4	59.6	
3114 Canning, preserving and processing of fish		47167	48369	43438	36113	7531	6877	3769	3671	16.0	10.2	78.9	96.2	
3115 Vegetable and animal oils and fats		965	931	1041	603	523	549	599	282	54.2	46.0	65.0	78.4	
3116 Grain mill products		-	-	-	-	-	-	-	-	-	-	-	-	
3117 Bakery products		53928	55084	61187	84841	24201	26417	27606	40848	44.9	48.1	60.6	62.9	
3118 Sugar factories and refineries		-	-	-	-	-	-	-	-	-	-	-	-	
3119 Cocoa, chocolate and sugar confectionery		350	420	360	461	267	263	180	206	76.3	44.7	24.3	26.7	
3121 Other food products		5589	6094	5094	4117	1765	2632	2086	1701	31.6	41.3	-	-	
3122 Prepared animal feeds		-	-	-	-	-	-	-	-	-	-	-	-	
313 Beverages		90437	76777	73682	72281	32549	21797	22031	22680	36.0	31.4	30.5	53.2	
3131 Distilling, rectifying and blending spirits		3659	2815	3080	3249	1134	988	1069	1111	31.0	34.2	51.4	50.0	
3132 Wine industries		-	-	-	-	-	-	-	-	-	-	-	-	
3133 Malt liquors and malt		-	-	-	-	-	-	-	-	-	-	-	-	
3134 Soft drinks and carbonated waters		86778	73962	70602	69032	31415	20809	20972	21669	36.2	31.2	29.8	53.1	
314 Tobacco		2507	3001	2716	48126	1231	1368	1329	9289	49.1	19.3	70.2	26.1	
32 Textiles		2615317	2748909	2924403	2585347	735868	772199	851820	694322	28.1	26.9	48.0	53.7	
3211 Spinning, weaving and finishing textiles		685402	771434	584071	385159	185730	223873	154336	126361	27.1	32.5	49.1	48.9	
3212 Made-up textile goods excl. wearing apparel		49283	47288	47395	39969	32270	32686	30866	26790	66.5	67.0	56.1	64.1	
3213 Knitting mills		1818057	1874499	2232146	2131881	501609	495615	661924	630949	27.6	24.9	46.5	54.0	
3214 Carpets and rugs		-	-	-	-	-	-	-	-	-	-	-	-	
3215 Cordage, rope and twine		1505	1008	916	3739	842	446	128	1437	55.9	38.4	63.3	46.7	
3219 Other textiles		61070	54680	59275	24609	16417	19579	14267	9796	26.2	39.8	64.7	72.3	
322 Wearing apparel, except footwear		6828217	7037435	7316183	7197354	1851615	2021780	2168537	1931692	27.1	26.8	58.8	59.8	
323 Leather and fur products		206339	209011	154504	78858	67963	63077	43747	26006	32.9	31.7	50.2	62.7	
3231 Tanneries and leather finishing		3595	3001	3703	1640	1324	1357	1696	423	36.8	26.8	78.2	27.0	
3232 Fur dressing and dyeing industries		97240	113810	113798	72129	31689	32096	28854	21890	32.6	30.3	77.6	61.5	
3233 Leather goods excl. wearing apparel		105504	52200	37003	5089	34960	29626	13298	2692	33.1	52.9	60.6	77.9	
324 Footwear, except rubber or plastic		122962	150231	113559	123463	36696	38522	31127	38922	29.8	31.6	61.3	63.2	
331 Wood products, except furniture		26596	18679	20257	12672	12872	8906	7544	4401	48.4	34.7	59.7	80.9	
3311 Sawmills, planing and other wood mills		18295	13640	17068	9906	8801	6291	6141	3307	48.1	33.4	58.2	90.6	
3312 Wooden and cane containers		3823	2477	1586	1057	1656	1453	784	486	40.7	46.9	64.1	79.4	
3319 Other wood and cork products		4478	2562	1803	1709	2516	1161	619	609	56.2	36.6	62.2	29.6	
332 Furniture and fixtures, excl. metal		84906	73646	68399	67536	40486	37494	33909	32084	47.7	47.6	64.0	64.2	
341 Paper and products		103654	94530	88075	71875	31662	28522	26578	19413	30.5	27.0	58.6	59.2	
3411 Pulp, paper and paperboard articles		2517	4786	3302	-	706	1837	1511	-	27.0	-	71.1	-	
3412 Containers of paper and paperboard		93619	83894	77206	64782	28033	24490	21400	17282	29.9	26.7	60.5	60.4	
3419 Other pulp, paper and paperboard articles		7418	5850	7567	7093	2923	2196	3667	2131	39.4	30.0	37.7	46.4	
342 Printing and publishing		157387	182202	218830	236851	72699	81043	109790	117841	46.2	49.8	70.0	66.9	
351 Industrial chemicals		-	-	-	-	-	-	-	-	-	-	-	-	
3511 Basic chemicals excl. fertilizers		-	-	-	-	-	-	-	-	-	-	-	-	
3512 Fertilizers and pesticides		-	-	-	-	-	-	-	-	-	-	-	-	
3513 Synthetic resins and plastic materials		-	-	-	-	-	-	-	-	-	-	-	-	
352 Other chemicals		93508	87190	96196	126368	46398	40120	33507	36616	49.6	29.0	26.9	46.5	
3521 Paints, varnishes and lacquers		4032	3639	5927	4036	849	2042	2716	1686	21.1	41.7	73.3	71.7	
3522 Drugs and medicines		71694	58486	53968	63971	31247	25232	13251	13688	43.6	21.4	20.6	63.8	
3523 Soap, cleaning preps, perfumes, cosmetics		140	409	630	200	24	177	276	82	17.1	41.0	-	-	
3529 Other chemical products		17642	24656	35671	58161	14278	12669	17262	21161	80.9	36.4	36.9	33.5	
353 Petroleum refineries		-	-	-	-	-	-	-	-	-	-	-	-	

354 Misc petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-
355 Rubber products	2343	2660	1883	1533	1548	935	778	607	55.1	39.6	38.2	55.7	
3551 Tyres and tubes	-	-	-	-	-	-	-	-	-	-	-	-	
3559 Other rubber products	2343	2660	1883	1533	1548	935	778	607	55.1	39.6	38.2	55.7	
356 Plastic products	76003	248542	278823	311242	22791	63312	52617	54102	30.0	17.4	52.0	36.8	
361 Pottery, china, earthenware	5104	25409	10187	5910	26040	15308	7818	5239	50.6	88.6	80.6	70.7	
362 Glass and products	6033	6751	7771	8154	2584	2663	3267	3313	42.8	40.6	47.6	39.1	
369 Other non-metallic mineral products	4851	29356	108453	273525	1672	8924	22337	58910	34.5	21.5	65.3	34.0	
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-	
3692 Cement, lime and plaster	-	-	-	-	-	-	-	-	-	-	-	-	
3699 Other non-metallic mineral products	4851	29356	108453	273525	1672	8924	22337	58910	34.5	21.5	65.3	34.0	
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-	
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-	
381 Fabricated metal products	148944	152949	158200	153608	64323	66945	64419	64008	43.2	41.7	50.4	56.0	
3811 Cutlery, hand tools and general hardware	6542	6790	4501	4455	3631	3727	2612	2746	55.5	51.6	61.0	55.5	
3812 Furniture and fixtures primarily of metal	200	1652	199	965	125	690	98	785	52.5	51.5	57.5	53.5	
3813 Structural metal products	74061	85592	90973	90427	36800	40852	45995	44963	49.7	49.7	56.8	55.3	
3819 Other fabricated metal products	68141	58915	62527	57761	23767	21576	15714	15513	34.9	26.9	38.7	57.9	
382 Non-electrical machinery	17229	39483	14832	16970	10427	17918	4802	10345	60.5	61.0	48.3	57.5	
3821 Engines and turbines	324	324	-	-	187	187	-	-	57.7	-	52.4	-	
3822 Agricultural machinery and equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3823 Metal and wood working machinery	199	306	185	188	185	273	160	155	93.0	87.8	56.8	57.0	
3824 Other special industrial machinery	13314	27140	6450	12462	8364	11382	4056	8250	52.8	55.2	47.5	59.9	
3825 Office, computing and accounting machinery	30	30	22	24	17	20	13	19	55.7	79.2	-	-	
3829 Other non-electrical machinery & equipment	3352	11683	8174	4296	1674	6055	573	1911	49.8	44.5	50.9	59.4	
383 Electrical machinery	a/ 294000	227000	207000	295286	a/ 57000	35800	49800	45900	19.4	15.9	57.2	55.5	
3831 Electrical industrial machinery	-	-	-	302	-	-	-	501	-	52.5	-	53.9	
3832 Radio, television and communication equipment	35301	42973	2085	1870	3956	7237	1507	1419	11.2	75.9	74.9	84.6	
3833 Electrical appliances and housewares	-	-	372	737	-	-	159	153	-	20.8	-	-	
3839 Other electrical apparatus and supplies	207012	156779	142342	135147	27384	19187	33812	26177	13.5	19.2	41.1	53.1	
384 Transport equipment	61035	78143	71714	50438	29064	39763	35741	29186	47.6	57.9	97.0	91.6	
3841 Shipbuilding and repairing	60733	77820	71373	49919	28981	39694	35560	29007	47.7	58.1	97.2	92.0	
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	
3843 Motor vehicles	-	-	-	-	-	-	-	-	-	-	-	-	
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-	
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	
3849 Other transport equipment	302	323	341	519	83	69	61	179	27.5	34.5	32.5	53.0	
385 Professional and scientific equipment	80792	94069	80657	43650	28767	33134	29329	15309	35.5	35.1	73.5	-	
3851 Professional scientific equipment n e c	-	-	-	-	-	-	-	-	-	-	-	-	
3852 Photographic and optical goods	80792	94069	80657	43650	28767	33134	29329	15309	35.5	35.1	73.5	-	
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-	
390 Other manufacturing industries	b/ 1793000	1239000	960000	952011	b/ 544100	362400	253400	285532	30.3	30.0	45.4	48.9	
3901 Jewellery and related articles	4032	27125	30641	2149	2841	2113	4405	1848	70.5	87.9	74.8	53.0	
3902 Musical instruments	13989	16531	15121	19905	3889	4588	4711	5555	27.8	28.0	39.7	98.9	
3903 Sporting and athletic goods	39075	53488	58272	51846	11468	13714	13002	12828	29.3	24.4	35.8	52.8	
3909 Manufacturing industries, n e c	281553	85382	57035	55453	80251	29388	19963	19157	28.5	33.9	40.9	50.3	
3 Total manufacturing	13002220	12962840	13114490	12588390	3763905	3813973	3901070	3556212	28.9	27.7	54.5	57.5	

a/ Including data not shown at the detailed industry level, i.e. manufacture of electrical office computing and accounting equipment.

b/ Including data not shown at the detailed industry level, i.e. manufacture of toys.

Macau

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production										
	Note	(thousand PATAcas)				Note	(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		2066	5785	2905	15966		...	...	...	...	...	...	...	...
313 Beverages		2323	16924	1629	1170		...	...	...	...	...	...	...	...
314 Tobacco		-	-	-	11879		...	...	...	...	...	...	...	...
321 Textiles		60297	74292	20241	255296		...	...	...	...	...	...	...	...
322 wearing apparel, except footwear		150632	169312	120253	126227		...	...	...	...	...	...	...	...
323 Leather and fur products		4560	2961	792	-33		...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		5423	9106	2248	27654		...	...	...	...	...	...	...	...
331 wood products, except furniture		655	1357	59	4		...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		3259	1474	1787	4438		...	...	...	...	...	...	...	...
341 Paper and products		1621	3702	-255	-2341		...	...	...	...	...	...	...	...
342 Printing and publishing		16063	23378	17831	27694		...	...	...	...	...	...	...	...
351 Industrial chemicals		-	-	-	-		
352 Other chemicals		1835	7257	3556	-92120		...	...	...	...	...	...	...	...
353 Petroleum refineries		-	-	-	-		
354 Misc. petroleum and coal products		-	-	-	-		
355 Rubber products		-	-	-	2370		...	...	...	...	...	...	...	...
356 Plastic products		4889	59073	4258	1639		...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		1845	-2491	-	-		...	...	...	...	...	...	...	...
362 Glass and product:		35	-	85	3		...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		138	9609	4119	12208		...	...	...	...	...	...	...	...
371 Iron and steel		-	-	-	-		
372 Non-ferrous metals		-	-	-	-		
381 Fabricated metal products		3730	3958	5976	3324		...	...	...	...	...	...	...	...
382 Non-electrical machinery		3101	14247	303	48		...	...	...	...	...	...	...	...
383 Electrical machinery		11215	2534	12272	39079		...	...	...	...	...	...	...	...
384 Transport equipment		1176	930	3360	-311		...	...	...	...	...	...	...	...
385 Professional and scientific equipment		1247	640	471	-2858		...	...	...	...	...	...	...	...
390 Other manufacturing industries		33121	20994	22161	27206		...	...	...	...	...	...	...	...
3 Total manufacturing		309221	425545	224062	458532		...	...	...	...	...	...	...	...

MALAYSIA

Supplier of information:

Jabatan Perangkaan (Department of Statistics), Kuala Lumpur.

Basic source of data:

Annual Survey of Manufacturing Industries.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with the current version of the ISIC.

Reference period (if not calendar year):

Basically, the calendar year. Some establishments, however, report for accounting years not coinciding with the calendar year.

Scope:

All establishments registered under the Industrial Coordination Act (I.C.A.) 1975.

Method of enumeration:

Establishments are completely enumerated. The annual survey is reviewed after each census to ensure that it covers about the same percentage of manufacturing output, value added and employment in each year. The annual survey is conducted both by mail and through field contacts.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Number of employees includes workers paid through labour contractors.

Output includes gross revenues from goods shipped in the same condition as received.

Related national publications:

Survey of Manufacturing Industries (annual); Industrial Surveys, Malaysia (annual); Annual Statistical Bulletin, Malaysia; Monthly Statistical Bulletin, all published by the Jabatan Perangkaan (Department of Statistics), Kuala Lumpur.

Malaysia

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million RINGGITS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		1329	1314	1324	1297	72.4	73.3	78.5	77.6		548.2	582.7	653.0	710.4	
3111 Slaughtering, preparing & preserving meat		20	20	18	18	2.1	2.5	2.4	2.5		13.4	14.6	18.6	22.3	
3112 Dairy products		33	33	35	33	3.3	3.2	3.5	3.6		47.0	45.0	53.6	59.6	
3113 Canning, preserving of fruits & vegetables		81	80	79	81	3.9	3.9	3.9	3.9		26.6	29.3	30.7	31.9	
3114 Canning, preserving and processing of fish		56	58	58	57	6.5	6.4	7.8	7.2		29.6	30.6	36.8	38.6	
3115 Vegetable and animal oils and fats		194	186	179	170	19.3	18.4	18.5	17.2		189.5	172.7	184.2	188.4	
3116 Grain mill products		172	158	153	146	7.4	7.1	7.2	6.8		62.8	56.8	63.4	60.3	
3117 Bakery products		305	308	313	317	12.0	13.4	14.6	15.5		57.6	69.0	80.3	93.6	
3118 Sugar factories and refineries		7	7	7	7	2.3	2.4	3.0	2.9		29.4	30.9	38.3	39.0	
3119 Cocoa, chocolate and sugar confectionery		41	39	39	44	4.4	4.3	4.8	5.0		29.3	32.0	37.2	48.6	
3121 Other food products		361	365	381	364	8.4	8.8	9.7	10.0		60.1	69.6	76.0	88.3	
3122 Prepared animal feeds		59	60	62	60	2.9	2.9	3.1	3.1		30.9	32.4	36.0	39.3	
313 Beverages		61	59	62	56	4.3	4.5	4.7	4.4		67.5	60.0	67.0	69.9	
3131 Distilling, rectifying and blending spirits		12	14a/	16a/	14a/	0.4	1.6a/	1.7a/	1.6a/		2.3	30.6a/	34.6a/	36.2a/	
3132 Wine industries		-	-	-	-	-	-	-	-		-	-	-	-	
3133 Malt liquors and malt		3	a/	a/	a/	1.4	a/	a/	a/		28.6	a/	a/	a/	
3134 Soft drinks and carbonated waters		46	45	46	42	2.5	2.9	2.9	2.8		26.6	29.4	32.4	33.7	
314 Tobacco		32	29	28	33	5.0	4.3	4.3	4.7		58.0	60.0	63.7	63.6	
321 Textiles		204	244	271	289	34.4	37.8	44.8	42.8		220.9	272.2	339.1	374.2	
3211 Spinning, weaving and finishing textiles		97	104	117	113	19.9	20.4	24.5	25.2		141.6	161.7	207.6	233.6	
3212 Made-up textile goods excl wearing apparel		28	40	50	54	1.9	3.0	3.8	3.3		9.8	16.3	21.2	23.5	
3213 Knitting mills		65	79	79	78	11.2	12.6	14.6	12.2		59.2	83.3	96.6	102.1	
3214 Carpets and rugs		7	7	10	10	0.4	0.7	0.9	0.9		4.8	5.2	7.2	8.1	
3215 Cordage, rope and twine		4	8	10	11	0.7	0.8	0.9	1.2		3.8	4.7	5.5	6.5	
3219 Other textiles		3	6	5	3	0.2	0.3	0.2	-		1.7	2.0	1.8	0.4	
322 Wearing apparel, except footwear		237	323	354	363	55.5	64.5	69.9	71.5		289.0	382.6	442.9	514.6	
323 Leather and fur products		21	27	33	38	0.7	1.8	3.3	3.0		3.9	8.6	14.2	19.8	
3231 Tanneries and leather finishing		6	7	7	6	0.2	0.5	0.9	0.8		1.7	2.4	3.6	5.3	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-		-	-	-	-	
3233 Leather prods. excl wearing apparel		15	20	26	32	0.5	1.3	2.4	2.2		2.2	6.2	10.6	14.5	
324 Footwear, except rubber or plastic		9	6	14	16	1.6	1.0	1.4	1.9		8.6	5.5	9.6	12.1	
331 Wood products, except furniture		659	723	768	806	74.0	89.1	96.0	109.3		611.5	634.3	710.2	813.2	
3311 Sawmills, planing and other wood mills		584	639	686	723	71.0	85.4	92.1	105.2		497.7	617.1	689.5	788.0	
3312 Wooden and cane containers		37	42	35	30	1.2	1.3	1.2	1.1		5.8	6.2	6.2	6.0	
3319 Other wood and cork products		38	42	47	53	1.8	2.4	2.7	3.0		8.0	11.0	14.6	19.2	
332 Furniture and fixtures, excl metal		295	342	389	406	13.3	14.8	21.6	24.1		68.8	84.8	131.9	169.2	
341 Paper and products		113	131	143	153	11.2	13.5	16.2	17.6		100.9	121.9	150.1	184.6	
3411 Pulp, paper and paperboard articles		9	12	9	12	2.6	2.8	2.8	3.0		35.6	38.6	38.2	47.2	
3412 Containers of paper and paperboard		54	60	74	78	5.1	6.4	8.4	9.4		41.1	53.6	74.5	93.4	
3419 Other pulp, paper and paperboard articles		50	59	60	65	3.5	4.3	5.1	5.2		24.2	29.7	37.4	44.0	
342 Printing and publishing		238	241	249	258	20.1	22.1	24.0	25.5		223.0	263.0	299.0	341.7	
351 Industrial chemicals		86	103	111	116	8.6	9.8	11.6	12.4		157.6	190.1	232.8	266.5	
3511 Basic chemicals excl fertilizers		46	49	52	59	5.0	5.3	6.2	6.9		93.6	108.7	128.2	144.2	
3512 Fertilizers and pesticides		25	31	32	30	2.3	2.4	2.8	2.5		49.1	54.2	64.8	56.7	
3513 Synthetic resins and plastic materials		15	23	27	27	1.4	2.1	2.6	3.0		15.0	27.2	39.8	66.7	
352 Other chemicals		142	149	152	155	11.2	12.3	12.9	14.4		136.4	155.1	177.4	190.5	
3521 Paints, varnishes and lacquers		24	27	28	26	1.7	1.9	2.2	2.3		25.4	30.6	37.0	42.8	
3522 Drugs and medicines		31	33	38	41	2.5	2.5	2.7	3.1		26.4	28.1	35.1	34.9	
3523 Soap, cleaning preps, perfumes, cosmetics		24	27	28	28	2.7	2.9	3.3	4.0		47.9	50.4	68.9	61.1	
3529 Other chemical products		63	62	58	60	4.3	5.0	4.6	5.0		36.7	46.1	46.4	51.7	
353 Petroleum refineries		10	11	10	8	1.1	1.1	1.2	1.2		40.6	41.8	46.8	50.3	

354 Misc petroleum and coal products	27	27	28	32	0.8	1.0	0.9	1.0	7.6	9.7	9.8	13.2
355 Rubber products	331	368	387	381	52.7	59.1	64.6	64.9	367.7	421.4	499.8	540.5
3551 Tyres and tubes	46	49	56	57	6.1	6.8	7.0	7.2	77.4	86.6	105.2	108.7
3559 Other rubber products	285	319	331	324	47.6	53.3	57.6	57.7	280.3	334.9	394.6	431.8
356 Plastic products	266	314	378	403	26.7	35.8	45.5	49.1	148.9	217.3	302.9	382.9
361 Pottery, china, earthenware	32	37	42	44	6.4	7.1	7.8	7.7	35.8	39.5	49.7	53.4
362 Glass and products	23	26	26	27	3.1	3.6	3.6	3.7	35.3	46.5	56.8	57.1
369 Other non-metallic mineral products	325	345	366	357	21.2	25.0	28.4	28.9	202.4	244.7	295.9	327.5
3691 Structural clay products	156	163	167	164	9.5	11.4	12.9	12.8	63.4	79.2	96.8	107.2
3692 Cement, lime and plaster	27	31	31	31	3.4	3.8	3.8	4.0	54.1	63.3	67.2	76.4
3699 Other non-metallic mineral products	142	151	168	162	8.2	9.8	11.6	12.1	84.9	102.2	131.9	143.9
371 Iron and steel	117	127	145	140	11.1	13.7	15.5	16.0	133.1	162.3	197.7	236.8
372 Non-ferrous metals	20	28	37	36	3.4	4.8	6.2	6.4	37.1	49.6	67.2	79.8
381 Fabricated metal products	485	504	560	578	27.6	32.8	38.8	44.1	234.6	288.4	363.0	462.6
3811 Cutlery, hand tools and general hardware	33	36	38	34	1.3	1.5	2.0	2.2	6.8	8.1	11.2	14.3
3812 Furniture and fixtures primarily of metal	30	32	35	40	1.3	2.1	2.8	3.4	13.6	17.5	22.0	27.3
3813 Structural metal products	196	193	195	195	7.1	7.9	7.6	8.1	73.0	68.1	78.3	110.9
3819 Other fabricated metal products	226	243	292	309	17.3	21.3	26.4	30.4	141.2	174.7	241.5	310.1
382 Non-electrical machinery	361	402	438	433	17.7	26.6	34.1	35.7	175.6	256.9	372.0	419.1
3821 Engines and turbines	21	21	20	20	1.2	1.3	1.2	1.1	12.5	14.2	13.1	14.6
3822 Agricultural machinery and equipment	b/				b/							
3823 Metal and wood working machinery	18	19	16	17	0.8	0.8	0.5	0.5	6.9	5.8	4.8	5.0
3824 Other special industrial machinery	33	39	36	35	1.4	2.6	2.3	2.0	10.0	25.5	25.7	25.4
3825 Office, computing and accounting machinery	7	13	22	24	0.3	3.4	7.8	9.3	3.0	19.7	61.5	75.4
3829 Other non-electrical machinery & equipment	282	310	344	337	14.0	18.5	22.3	22.8	143.2	191.7	266.9	298.7
383 Electrical machinery	291	422	492	630	161.1	213.6	258.5	282.1	1222.7	1631.0	2238.6	2737.4
3831 Electrical industrial machinery	26	41	46	52	4.0	8.0	11.6	13.3	29.3	48.4	90.1	110.6
3832 Radio, television and communication equipm	173	252	289	316	143.5	185.9	220.2	241.1	1076.1	1414.7	1916.2	2366.9
3833 Electrical appliances and housewares	13	14	14	14	1.7	2.1	2.9	2.7	20.0	28.2	36.6	40.3
3839 Other electrical apparatus and supplies	79	115	143	148	11.9	17.6	23.8	25.0	97.3	139.7	195.7	229.6
384 Transport equipment	230	239	264	282	20.2	25.1	31.8	33.3	190.0	252.0	361.0	426.3
3841 Shipbuilding and repairing	68	65	66	76	3.3	3.5	5.4	6.8	34.5	43.7	74.1	106.1
3842 Railroad equipment	4	7	8	9	0.6	1.1	1.4	1.3	10.8	13.8	19.7	21.3
3843 Motor vehicles	113	118	137	144	12.4	15.9	19.5	18.8	117.5	160.3	218.1	237.6
3844 Motorcycles and bicycles	45	49	53	53	3.9	4.6	5.5	6.4	27.2	34.2	49.1	61.3
3845 Aircraft	c/				c/							
3849 Other transport equipment	c/				c/							
385 Professional and scientific equipment	18	26	35	37	9.7	14.6	18.7	18.5	62.4	95.6	146.2	177.9
3851 Prof and scientific equipment n.e.c	6	8	10	13	2.4	3.2	3.9	4.5	20.9	25.5	35.6	47.1
3852 Photographic and optical goods	6	9	15	13	2.0	4.7	6.8	6.0	11.9	25.3	51.7	60.8
3853 Watches and clocks	6	9	10	11	5.3	6.7	8.0	8.0	29.6	43.7	60.9	69.9
390 Other manufacturing industries	130	164	195	207	14.4	18.0	20.4	20.8	74.0	95.7	121.0	146.1
3901 Jewellery and related articles	32	39	67	72	1.9	2.4	3.4	3.8	11.3	14.6	23.9	29.5
3902 Musical instruments	14	24	23	25	1.9	2.4	2.6	3.0	6.3	10.3	13.9	17.9
3903 Sporting and athletic goods	d/				d/							
3909 Manufacturing industries, n.e.c	84	101	105	110	10.6	13.1	14.5	14.0	56.4	70.8	83.2	100.6
3 Total manufacturing	6092	6731	7301	7461	689.5	830.7	965.2	1022.7	5341.0	6674.0	8411.0	9830.0

a/ 3131 includes 3133
c/ 3842 includes 3845 and 3849

b/ 3821 includes 3822.
d/ 3902 includes 3903.

Malaysia

SIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million RINGGITS)					(million RINGGITS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311 2 Food Products		16955.8	16012.3	17771.6	19346.0	2447.6	2340.1	2512.9	2998.0	14.4	15.5	22.3	23.7	
3111 Slaughtering, preparing & preserving meat		155.4	183.3	258.7	293.0	46.6	55.7	61.4	75.6	29.9	26.8	28.8	29.6	
3112 Dairy products		1075.4	985.8	1065.2	1299.1	232.1	184.8	248.3	278.4	21.6	21.4	20.2	21.4	
3113 Canning, preserving of fruits & vegetables		248.1	263.8	330.5	304.8	52.9	77.2	92.0	80.6	25.4	26.4	42.3	39.6	
3114 Canning, preserving and processing of fish		409.5	456.8	653.3	597.7	68.6	76.4	105.7	111.0	16.8	18.6	43.1	34.8	
3115 Vegetable and animal oils and fats		10392.9	9021.4	9895.6	10942.5	1199.4	982.5	920.9	1167.2	11.5	10.7	14.1	16.1	
3116 Grain mill products		1214.2	1266.3	1267.6	1209.9	113.2	138.2	135.6	206.0	9.3	17.0	46.6	29.5	
3117 Bakery products		436.5	577.0	654.4	738.9	140.7	188.5	228.5	262.7	32.2	35.6	40.9	35.6	
3118 Sugar factories and refineries		804.5	928.3	926.6	969.4	155.2	174.1	159.2	218.6	19.3	22.6	18.9	17.8	
3119 Cocoa, chocolate and sugar confectionery		439.2	490.8	547.5	665.2	125.1	123.2	128.5	154.9	25.5	23.3	23.4	31.4	
3121 Other food products		616.5	691.2	816.9	850.8	173.4	196.7	255.3	260.3	28.1	30.6	34.7	33.9	
3122 Prepared animal feeds		1163.6	1147.6	1355.3	1474.7	130.4	142.8	177.6	180.1	11.2	12.2	23.7	21.8	
313 Beverages		735.8	1011.0	1007.0	987.0	370.0	544.0	435.0	382.0	50.3	38.7	16.5	18.3	
3131 Distilling, rectifying and blending spirits		27.8	488.2a/	414.7a/	373.2a/	10.5	344.6a/	252.5a/	198.7a/	37.8	53.2	21.9	18.2	
3132 Wine industries														
3133 Malt liquors and malt		316.7	a/	a/	a/	201.0	a/	a/	a/	63.5		14.2		
3134 Soft drinks and carbonated waters		391.3	522.8	592.3	613.7	158.5	199.4	182.5	183.1	40.6	29.8	16.8	18.4	
314 Tobacco		939.5	873.6	983.6	1003.0	390.0	344.5	354.2	380.0	41.5	37.9	14.9	16.7	
321 Textiles		2308.1	2852.1	3494.4	3576.0	655.9	804.3	1077.8	1096.0	28.9	30.6	33.2	34.1	
3211 Spinning, weaving and finishing textiles		1558.2	1783.4	2282.3	2427.8	456.8	508.2	709.3	734.8	29.3	30.3	31.0	31.8	
3212 Made-up textile goods excl. wearing apparel		55.7	105.0	126.5	115.0	21.1	42.2	51.7	52.8	37.9	45.7	46.4	44.7	
3213 Knitting mills		619.8	866.4	956.9	911.7	157.4	216.7	285.0	259.4	25.4	28.5	37.6	39.4	
3214 Carpets and rugs		29.0	43.7	63.4	67.4	10.5	14.7	22.1	24.9	38.2	36.9	45.7	32.5	
3215 Cordage, rope and twine		31.2	35.1	49.4	47.3	14.8	17.3	24.2	23.0	47.4	48.6	26.7	28.3	
3219 Other textiles		14.2	18.5	15.9	6.7	5.3	5.2	4.5	1.0	37.3	14.9	32.1	40.0	
322 Wearing apparel, except footwear		1903.7	2381.2	2788.0	2981.0	600.9	758.2	850.6	938.0	31.6	31.5	48.1	54.9	
323 Leather and fur products		33.0	68.6	107.4	128.0	10.1	17.4	29.6	35.0	30.6	27.3	38.6	56.6	
3231 Tanneries and leather finishing		20.8	32.8	44.8	43.7	5.4	5.1	12.5	9.1	26.0	20.8	31.5	58.2	
3232 Fur dressing and dyeing industries														
3233 Leather goods excl. wearing apparel		12.2	35.8	62.6	84.0	4.7	12.3	17.1	25.6	38.5	30.5	46.8	56.6	
324 Footwear, except rubber or plastic		38.7	32.1	49.3	69.0	13.0	10.8	19.5	30.0	33.6	43.5	66.2	40.3	
331 Wood products, except furniture		4159.6	5275.0	5844.6	6756.0	1265.3	1580.0	1787.5	1930.0	30.4	28.5	40.4	42.1	
3311 Sawmills, planing and other wood mills		4064.8	5157.2	5711.7	6602.4	1236.7	1548.1	1748.4	1880.8	30.4	28.5	40.2	41.9	
3312 Wooden and cane containers		31.9	33.1	43.1	41.2	9.3	7.7	12.8	13.6	29.2	33.0	62.4	44.1	
3319 Other wood and cork products		62.9	85.7	89.8	122.4	19.3	24.2	26.3	35.6	30.7	29.1	41.5	53.9	
332 Furniture and fixtures, excl. metal		392.7	537.4	832.7	1028.0	145.4	189.3	308.9	355.0	37.0	34.5	47.3	47.7	
341 Paper and products		1151.3	1308.8	1534.2	1730.0	387.4	420.1	496.6	593.0	33.6	34.3	26.0	31.1	
3411 Pulp, paper and paperboard articles		332.6	317.3	311.6	336.6	106.8	119.9	115.2	125.9	32.1	37.4	33.3	37.5	
3412 Containers of paper and paperboard		457.6	600.2	730.7	870.4	127.2	187.9	228.0	280.4	27.8	32.2	32.3	33.3	
3419 Other pulp, paper and paperboard articles		361.1	391.3	491.9	523.0	153.4	112.3	153.4	185.9	42.5	35.7	15.8	23.5	
342 Printing and publishing		124.9	1499.2	1778.1	1948.0	573.4	719.1	842.8	1005.0	46.2	51.6	38.9	34.0	
351 Industrial chemicals		4431.3	4859.1	6364.4	6865.0	1879.9	2022.4	2982.8	2985.0	42.4	43.5	8.4	8.6	
3511 Basic chemicals excl. fertilizers		3094.8	3338.1	4553.6	4801.1	1528.2	1658.4	2458.8	2427.0	49.4	50.6	6.1	5.9	
3512 Fertilizers and pesticides		975.8	905.7	973.8	1020.4	271.2	235.7	300.2	317.7	27.8	31.1	18.1	17.8	
3513 Synthetic resins and plastic materials		360.7	615.3	837.0	1043.8	80.5	128.3	192.8	240.6	22.3	23.1	18.6	23.2	
352 Other chemicals		1540.7	1794.7	2182.9	2443.0	569.1	627.0	823.6	918.0	36.9	37.6	24.0	20.8	
3521 Paints, varnishes and lacquers		350.6	457.0	551.3	586.8	95.4	132.8	182.6	199.3	27.5	34.0	26.3	21.5	
3522 Drugs and medicines		209.3	216.5	264.4	298.9	79.7	91.6	105.0	121.6	38.1	40.7	33.1	28.7	
3523 Soap, cleaning preps, perfumes, cosmetics		568.0	653.9	827.6	954.5	258.4	270.3	360.6	384.9	45.5	40.3	18.5	16.9	
3529 Other chemical products		412.8	467.3	539.6	603.3	134.6	132.3	175.4	211.8	32.6	35.1	27.3	24.4	
353 Petroleum refineries		3491.1	4611.6	4785.3	4476.0	514.6	538.3	582.9	493.0	17.5	11.0	6.6	10.2	

354 Misc. petroleum and coal products		168.1	223.0	259.6	315.0		75.0	87.4	98.0	119.0	44.6	37.8	10.1	11.1
355 Rubber products		5718.8	5271.9	5948.6	5954.0		1322.1	1428.4	1627.5	1709.0	23.1	28.7	27.1	31.6
3551 Tyres and tubes		634.3	730.6	864.9	868.2		279.3	325.7	368.1	414.7	44.0	43.3	27.7	28.2
3559 Other rubber products		5084.5	4553.3	5083.7	4996.3		1042.8	1102.7	1261.4	1294.3	20.5	25.9	25.9	33.4
356 Plastic products		1528.4	2038.1	2738.7	3070.0		489.9	705.2	931.9	1170.0	32.1	36.1	30.4	32.7
361 Pottery, china, earthenware		182.7	188.8	217.6	212.0		100.3	97.6	110.6	115.0	64.9	54.2	35.7	46.4
362 Glass and products		301.7	398.8	487.8	450.0		144.4	196.6	233.5	228.0	47.9	50.7	24.4	25.0
369 Other non-metallic mineral products		2045.7	2548.7	3207.5	3523.0		1060.9	1191.7	1408.5	1602.0	51.9	45.5	19.1	20.4
3691 Structural clay products		367.0	463.7	635.8	684.5		210.4	254.4	351.6	351.4	57.3	55.7	30.1	28.1
3692 Cement, lime and plaster		958.5	1104.4	1275.8	1428.7		548.9	555.1	578.0	740.2	57.3	51.8	9.9	10.3
3699 Other non-metallic mineral products		720.2	980.6	1294.9	1409.6		301.6	371.2	459.0	450.7	41.9	34.1	28.1	29.9
371 Iron and steel		3192.2	3965.3	4689.2	5098.0		680.1	776.4	888.6	970.0	21.3	19.0	19.5	24.4
372 Non-ferrous metals		1023.3	1244.6	1408.1	1498.0		124.6	170.2	195.2	302.0	12.2	20.2	29.8	25.4
381 Fabricated metal products		2472.4	3222.1	4082.3	5053.0		754.3	855.0	1138.8	1521.0	30.5	20.1	31.1	30.4
3811 Cutlery, hand tools and general hardware		40.9	53.4	98.0	145.0		16.0	22.5	31.7	45.8	39.1	32.3	42.6	30.5
3812 Furniture and fixtures primarily of metal		101.3	125.8	164.5	181.7		35.8	38.9	50.5	55.4	35.3	35.5	35.7	41.1
3813 Structural metal products		623.9	804.0	938.7	1252.1		237.5	245.3	273.5	445.0	38.1	35.3	30.7	24.9
3819 Other fabricated metal products		1706.3	2238.9	2881.0	3453.9		454.0	547.3	783.1	952.5	27.2	27.8	30.4	32.2
382 Non-electrical machinery		2120.4	2946.7	4744.0	5458.0		557.7	942.5	1455.5	1554.0	31.0	25.5	25.7	25.9
3821 Engines and turbines	b/	82.3	85.8	67.8	95.0	b/	35.5	34.5	27.5	34.5	43.3	35.0	35.1	42.2
3822 Agricultural machinery and equipment	b/	...	...	...	...	b/	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery		29.4	27.0	24.1	29.3		17.0	12.3	10.0	11.9	57.8	40.5	40.5	42.0
3824 Other special industrial machinery		87.1	155.5	182.4	133.2		23.1	45.7	50.2	40.2	25.5	30.2	43.3	53.2
3825 Office, computing and accounting machinery		25.6	319.7	959.2	1328.7		7.3	89.7	240.4	235.5	27.4	17.7	41.1	32.0
3829 Other non-electrical machinery & equipment		1895.0	2350.7	3500.5	3881.0		574.7	780.3	1128.5	1235.5	30.3	31.8	24.9	24.2
383 Electrical machinery		18308.2	24305.5	33797.8	40851.0		3837.5	5251.7	7252.7	9151.0	21.0	22.4	31.9	29.9
3831 Electrical industrial machinery		305.5	502.4	834.8	1094.2		85.5	153.2	228.5	331.1	28.3	30.3	33.8	33.4
3832 Radio, television and communication equipm.		16337.1	21320.6	29781.0	36159.8		3377.7	4427.5	5192.5	7530.1	20.7	21.5	31.9	30.1
3833 Electrical appliances and housewares		230.5	375.3	540.5	631.7		59.9	110.7	145.2	175.3	30.3	28.2	25.5	22.5
3839 Other electrical apparatus and supplies		1435.0	2108.2	2581.4	2955.5		303.3	570.2	596.4	521.8	21.1	27.8	32.1	27.9
384 Transport equipment		3251.0	4502.0	6332.0	6232.0		971.0	1335.0	1804.0	1510.0	29.9	25.8	19.5	25.5
3841 Shipbuilding and repairing		215.5	271.2	404.8	544.4		138.5	55.3	324.0	255.7	54.2	40.1	24.9	41.0
3842 Railroad equipment	c/	53.2	58.4	115.9	131.0	c/	30.5	55.7	48.5	55.2	48.3	42.9	35.4	37.9
3843 Motor vehicles		2455.0	3444.8	4417.5	4225.7		595.5	1073.5	1229.5	1035.5	28.2	24.5	15.9	22.9
3844 Motorcycles and bicycles		505.2	797.5	993.7	1229.7		105.4	148.5	201.8	259.9	20.5	21.1	25.8	23.5
3845 Aircraft	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
3849 Other transport equipment	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		521.0	905.7	1539.8	1530.0		230.0	252.3	447.7	413.0	37.0	27.0	27.1	43.1
3851 Prof. and scientific equipment n.e.c.		138.5	184.4	249.5	281.3		55.1	90.4	113.1	125.0	47.7	44.4	31.5	37.7
3852 Photographic and optical goods		245.2	373.2	932.2	772.7		83.1	49.9	217.4	145.5	33.8	19.2	14.3	40.9
3853 Watches and clocks		236.3	348.1	458.1	475.8		80.8	122.0	117.2	139.4	34.2	29.3	35.5	50.1
390 Other manufacturing industries		545.0	752.0	1221.0	1550.0		211.0	301.0	421.0	455.0	38.7	31.3	35.1	30.5
3901 Jewellery and related articles		130.2	215.1	525.1	791.5		50.3	115.5	155.5	215.3	45.3	27.2	18.7	13.7
3902 Musical instruments		33.3	74.2	100.3	104.5		15.5	34.4	37.5	34.5	49.5	33.1	38.2	51.7
3903 Sporting and athletic goods	d/	...	...	...	...	d/	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	d/	381.5	471.7	595.5	553.7	d/	134.2	151.1	184.8	234.8	35.2	35.9	42.0	42.8
3 Total manufacturing		80803.0	95814.0	120298.0	134150.0		20589.0	24530.0	31140.0	35099.0	25.5	25.2	25.9	28.0

a/ 3131 includes 3133
c/ 3842 includes 3845 and 3849.

b/ 3821 includes 3822.
d/ 3902 includes 3903.

Malaysia

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million RINGGITS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		426	514	587	628		132	143	153	180	184	194	187	198	216
313 Beverages		60	72	117	75		81	81	85	95	104	119	121	127	113
314 Tobacco		19	14	32	29		108	86	86	99	101	108	109	107	97
321 Textiles		220	346	476	938		92	103	118	122	147	164	173	201	263
322 Wearing apparel, except footwear		71	136	136	122		128	144	170	189	218	228	229	239	241
323 Leather and fur products		1	12	8	6										
324 Footwear, except rubber or plastic		-	5	6	5										
331 Wood products, except furniture		318	488	698	860		89	86	104	118	138	157	165	183	224
332 Furniture and fixtures, excl. metal		22	90	126	109										
341 Paper and products		171	259	331	262										
342 Printing and publishing		106	244	244	249										
351 Industrial chemicals		164	319	1839	2800		111	126	143	148	154	157	201	187	197
352 Other chemicals		67	145	152	143		117	143	155	190	236	261	289	331	361
353 Petroleum refineries		135	140	234	123		139	169	177	188	196	223	237	246	267
354 Misc. petroleum and coal products		2	7	12	8										
355 Rubber products		454	552	340	405		123	141	172	287	301	327	363	405	478
356 Plastic products		222	290	431	539										
361 Pottery, china, earthenware		17	43	22	23	a/	115	97	91	107	135	164	195	216	229
362 Glass and products		75	136	87	265										
369 Other non-metallic mineral products		192	194	546	621	a/									
371 Iron and steel		305	747	907	950		131	102	125	106	198	226	256	305	343
372 Non-ferrous metals		31	102	224	103		87	101	111	112	119	129	127	148	154
381 Fabricated metal products		184	368	467	520		154	149	173	183	178	211	251	360	567
382 Non-electrical machinery		136	590	463	415										
383 Electrical machinery		1602	2622	3600	3076		157	223	272	329	388	519	668	745	862
384 Transport equipment		86	243	462	842		121	88	91	160	222	294	344	323	334
385 Professional and scientific equipment		147	241	324	83	b/	93	90	93	103					
390 Other manufacturing industries		21	59	64	51	b/									
3 Total manufacturing		5254	8978	12935	14250										

a/ 361 includes 369

b/ 385 includes 390.

MAURITIUS

Supplier of information:

Central Statistical Office, Port-Louis

Basic source of data:

Annual census of industrial production.

Major deviations from current version of ISIC:

Repair services for the general public (part of ISIC major division 9) are included in manufacturing according to the type of product repaired.

Reference period (if not calendar year):

Scope:

Establishments with 10 or more persons engaged as well as establishments with less than 10 persons engaged but whose production is more than one million rupees. For 1992, establishments with 10 or more persons engaged.

Method of enumeration:

Not reported.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Wages and salaries is compensation of employees. For sugar factories, wages and salaries 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.

Related national publications:

Census of Industrial Production (infrequent), published by the Central Statistical Office, Port-Louis.

354 Misc petroleum and coal products	-	-	-	-	-	-	-	-	-	-	-	-	-		
355 Rubber products	7	10	11	14	261	340	360	316	7.9	11.6	12.6	16.6			
3551 Tyres and tubes	-	-	-	8	-	-	-	-	-	-	-	-	-		
3559 Other rubber products	-	-	-	6	-	-	-	-	-	-	-	-	-		
356 Plastic products	32	35	35	42	1027	1196	1328	1047	34.4	40.4	50.3	61.9			
361 Pottery, china, earthenware	3	3	3	3	42	68	68	68	0.9	1.4	1.6	3.0			
362 Glass and products	1	1	2	1	46	51	66	50	1.8	2.3	2.6	3.8			
369 Other non-metallic mineral products	19	15	15	20	1332	1252	1584	1788	39.1	45.8	61.1	112.9			
3691 Structural clay products	-	-	-	-	-	-	-	-	-	-	-	-	-		
3692 Cement, lime and plaster	2	1	1	1	112	99	94	82	2.7	2.5	3.0	7.9			
3699 Other non-metallic mineral products	17	14	14	19	1220	1153	1490	1704	36.4	43.3	78.1	104.9			
371 Iron and steel	a/	8	8	10	10	a/	587	574	798	628	a/	26.7	32.9	36.2	47.7
372 Non-ferrous metals	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
381 Fabricated metal products	32	39	41	46	1102	1137	1263	1482	37.1	47.9	49.8	75.3			
3811 Cutlery, hand tools and general hardware	4	6	9	7	36	70	123	190	1.6	3.2	3.3	4.6			
3812 Furniture and fixtures primarily of metal	5	6	4	6	183	218	180	208	3.7	6.3	6.6	11.1			
3813 Structural metal products	7	8	10	13	255	242	316	484	9.0	11.3	13.8	16.4			
3819 Other fabricated metal products	16	19	18	20	628	607	644	580	22.9	27.2	27.2	41.2			
382 Non-electrical machinery	9	6	7	7	537	455	495	484	23.7	25.3	26.0	37.8			
3821 Engines and turbines	7b/	5b/	7b/	7	b/	496	465	484	b/	22.4	25.4	25.0	37.8		
3822 Agricultural machinery and equipment	b/	b/	b/	6c/	b/	-	-	-	b/	-	-	-	-		
3823 Metal and wood working machinery	b/	b/	b/	c/	b/	-	-	-	b/	-	-	-	-		
3824 Other special industrial machinery	b/	b/	b/	c/	b/	-	-	-	b/	-	-	-	-		
3825 Office, computing and accounting machinery	b/	b/	b/	c/	b/	-	-	-	b/	-	-	-	-		
3829 Other non-electrical machinery & equipment	2	-	-	-	41	-	-	-	b/	1.2	-	-	-		
383 Electrical machinery	24	23	22	27	799	914	904	972	25.9	33.9	46.8	48.4			
3831 Electrical industrial machinery	4	3	3	3	111	90	70	59	3.8	4.0	4.3	4.3			
3832 Radio, television and communication equipm	5	4	4	6	194	152	144	155	4.8	5.4	3.9	7.4			
3833 Electrical appliances and housewares	1	2	2	2	14	51	48	50	0.3	1.9	2.0	2.4			
3839 Other electrical apparatus and supplies	14	14	13	16	480	621	642	708	17.0	22.5	34.6	34.3			
384 Transport equipment	6	6	6	7	490	483	584	580	15.6	15.5	23.8	31.3			
3841 Shipbuilding and repairing	2	2	2	2	119	115	139	144	7.5	6.1	7.0	9.0			
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-	-		
3843 Motor vehicles	3	3	3	4	353	353	413	416	7.8	9.0	15.9	20.3			
3844 Motorcycles and bicycles	1	1	1	1	18	15	27	20	0.3	0.4	0.9	1.9			
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-	-		
3849 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-	-		
385 Professional and scientific equipment	12	13	17	17	1520	1365	1189	1149	52.0	64.3	63.5	67.2			
3851 Prof and scientific equipment n e c	1	1	2	3	10	8	25	14	0.1	0.1	0.7	1.6			
3852 Photographic and optical goods	5	6	8	8	602	508	505	470	18.7	23.8	19.0	18.5			
3853 Watches and clocks	6	5	7	6	908	851	858	865	43.2	40.4	43.7	37.1			
390 Other manufacturing industries	61	70	73	72	3732	3751	3755	3247	90.6	114.1	129.0	124.3			
3901 Jewellery and related articles	20	24	25	22	1715	1408	1538	1349	50.3	63.2	72.0	61.9			
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-	-		
3903 Sporting and athletic goods	-	-	-	2	-	-	-	26	-	-	-	1.6			
3909 Manufacturing industries, n e c	41	46	48	48	2017	2343	2217	1872	40.3	50.9	57.0	70.8			
3 Total manufacturing	d/	1037	1070	1062	936	d/	114958	114737	117857	112247	d/	2745.9	3246.6	3786.7	4912.4

a/ 371 includes 372
c/ 3822 includes 3823, 3824 and 3825

b/ 3821 includes 3822, 3823, 3824 and 3825.
d/ Including repair services for the general public (ISIC 9).

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ISIC Industry	Note	Output in producers' prices (million RUPEES)				Note	Value added in producers' prices (million RUPEES)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		5684.8	7706.4	8059.2	9450.4		1021.3	1192.4	1265.9	1836.4	15.3	19.4	43.1	39.3
3111 Slaughtering, preparing & preserving meat		62.9	73.8	73.9	722.0a/		26.5	30.0	31.1	101.6a/	42.1	14.1	43.7	38.9
3112 Dairy products		76.1	90.8	102.7	137.2		15.2	24.6	33.1	46.3	20.0	33.7	41.2	31.6
3113 Canning, preserving of fruits & vegetables		74.1	97.8	111.6	140.0		18.6	23.4	26.4	28.7	25.1	20.5	56.0	63.6
3114 Canning, preserving and processing of fish		254.4	223.3	333.1	393.8		44.0	38.2	58.5	50.1	17.3	12.7	58.0	98.3
3115 Vegetable and animal oils and fats		258.3	336.3	351.9	461.3		48.0	60.5	71.0	78.2	18.6	17.0	45.0	60.4
3116 Grain mill products		170.1	311.4	258.8	344.1		36.0	96.7	85.6	99.5	21.2	28.9	12.8	12.5
3117 Bakery products		442.1	470.6	620.9	206.3		127.5	137.4	152.7	82.8	28.8	40.1	37.4	46.5
3118 Sugar factories and refineries		4998.7	5552.8	5792.5	6334.0		652.9	721.2	729.5	1266.0	13.1	19.8	43.5	34.0
3119 Cocoa, chocolate and sugar confectionery		13.2	11.0	11.4	27.8		6.0	6.1	5.3	6.9	37.9	24.8	33.6	60.9
3121 Other food products		160.6	176.0	195.9	250.8		23.0	28.2	25.9	48.4	14.3	19.3	81.7	94.0
3122 Prepared animal feeds		174.3	262.6	306.5	433.1		24.6	27.1	46.8	37.9	14.1	8.8	35.7	66.9
313 Beverages		1082.2	1297.2	1459.0	1670.2		707.9	852.8	972.6	1058.6	65.4	63.4	14.3	17.3
3131 Distilling, rectifying and blending spirits		454.9	551.8	610.2	678.9		331.8	404.2	460.3	438.4	72.9	64.6	5.3	7.2
3132 Wine industries		42.3	42.4	46.8	55.9		28.0	27.4	31.3	36.1	66.2	64.6	31.1	37.4
3133 Malt liquors and malt		342.4	401.7	439.9	506.3		246.7	297.2	327.0	356.9	72.1	70.6	13.3	15.6
3134 Soft drinks and carbonated waters		242.6	301.3	362.1	430.1		101.4	124.0	164.0	227.2	41.8	52.8	41.1	36.0
314 Tobacco		418.4	459.1	543.8	692.7		292.9	333.5	375.0	529.1	70.0	78.4	9.0	11.0
321 Textiles		939.9	1136.5	1326.4	1712.1		331.9	422.8	498.3	303.0	36.3	17.7	37.7	72.6
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		8334.0	9588.0	10470.3	11383.6		2625.0	3030.0	3341.0	4328.2	31.5	38.0	55.4	61.3
323 Leather and fur products		186.0	210.1	204.6	283.7		70.0	79.1	77.8	122.4	37.6	43.1	45.6	39.6
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather prods. excl. wearing apparel														
324 Footwear, except rubber or plastic		87.0	107.0	109.8	123.5		41.0	48.0	49.7	60.3	47.1	40.7	36.8	59.0
331 wood products, except furniture		88.6	143.5	101.9	125.6		36.5	74.5	64.5	56.8	41.2	45.2	44.4	46.8
3311 Sawmills, planing and other wood mills														
3312 wooden and cane containers														
3319 Other wood and cork products														
332 Furniture and fixtures, excl. metal		171.0	246.0	270.0	367.8		51.0	65.0	86.9	152.9	29.8	42.7	64.1	65.4
341 Paper and products		104.5	135.6	150.3	261.3		36.7	52.2	56.8	107.6	35.1	41.2	32.7	28.7
3411 Pulp, paper and paperboard articles														
3412 Containers of paper and paperboard														
3419 Other pulp, paper and paperboard articles														
347 Printing and publishing		292.0	388.0	421.0	509.6		129.0	180.0	204.0	252.1	44.2	49.6	52.2	47.6
351 Industrial chemicals		460.3	509.6	638.4	669.1		154.8	173.6	248.3	217.7	33.6	32.5	16.6	24.6
3511 Basic chemicals excl. fertilizers		122.8	148.2	187.2	219.5		34.8	43.1	62.3	76.4	28.3	34.4	19.7	29.3
3512 Fertilizers and pesticides		337.5	361.3	451.2	443.6		120.0	130.5	186.0	141.3	35.6	31.9	15.7	22.1
3513 Synthetic resins and plastic materials					6.0					1.0		16.7		
352 Other chemicals		471.7	604.1	564.9	718.9		123.3	155.2	149.2	217.0	26.1	30.2	30.2	33.2
3521 Paints, varnishes and lacquers		131.2	188.0	140.4	293.3		27.9	36.7	29.4	76.9	21.3	26.2	7.0	26.0
3522 Drugs and medicines		26.7	32.7	32.3	46.3		5.6	7.8	7.8	14.3	21.0	30.9	64.3	65.2
3523 Soap, cleaning preps, perfumes, cosmetics		240.4	294.2	297.2	321.9		62.5	76.8	72.3	106.9	26.0	32.9	24.9	33.4
3529 Other chemical products		73.4	89.2	95.0	57.4		27.3	34.0	39.7	19.9	37.2	34.7	28.0	44.2
353 Petroleum refineries														

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ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million RUPEES)					(1980=100)							
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311-2 Food Products						136	149	145	133	119	131	129	135	119
313 Beverages						134	137	175	189	188	202	215	217	214
314 Tobacco						106	111	118	113	109	102	115	108	111
321 Textiles					
322 Wearing apparel, except footwear					
323 Leather and fur products					
324 Footwear, except rubber or plastic					
331 Wood products, except furniture					
332 Furniture and fixtures, excl metal					
341 Paper and products					
342 Printing and publishing					
351 Industrial chemicals					
352 Other chemicals					
353 Petroleum refineries					
354 Misc petroleum and coal products					
355 Rubber products					
356 Plastic products					
361 Pottery, china, earthenware					
362 Glass and products					
369 Other non-metallic mineral products					
371 Iron and steel					
372 Non-ferrous metals					
381 Fabricated metal products					
382 Non-electrical machinery					
383 Electrical machinery					
384 Transport equipment					
385 Professional and scientific equipment					
390 Other manufacturing industries					
3 Total manufacturing					

MEXICO

Supplier of information:

National Institute of Statistics, Geography and Information Technology (INEGI) via the Department of Statistics, Aguascalientes.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (supplement 1992: Mexico), OECD, Paris.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to achieve the best possible correspondence with the ISIC system. Lack of detail in national data, however, result in several cases where correspondence with the current version of the ISIC cannot be achieved.

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

The survey covers only 129 out of 225 categories in the national industrial classification. The 3,218 establishments that were surveyed in these categories accounted for 72% of the total gross output in manufacturing in the 1985 industrial census.

The indices of industrial production cover all manufacturing establishments.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees 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.

Wages and salaries 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.

Output refers to total gross output. It is calculated as the total value of goods and services produced by a company, whether they are intermediate goods and services used in the production process or intended for final consumption. This heading includes the value of products made by the establishments using its own raw materials, plus income from assembly services, maintenance and other industrial services, rental and leases, technology transfer, other non-industrial services, sale of electric power produced by the establishment, changes in stocks of work in progress, and the value of fixed assets produced by the establishment for its own use.

Value added is obtained by subtracting the value of inputs (goods and services for intermediate consumption) from total gross output.

Gross fixed capital formation 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. VAT is not included.

Related national publications:

Estadística Industrial Mensual and Estadística Industrial Anual; both published by the Dirección General de Estadística, Secretaría de Programación y Presupuesto, Mexico, D.F.

Mexico

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (billion NEW PESOS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		417	417	400	393		96340	96980	96410	97540		817 0	1101 0	1475 0	1842 0
3111 Slaughtering, preparing & preserving meat		61	61	59	54		9717	10148	10289	10732		73 8	107 5	144 4	181 0
3112 Dairy products		36	36	35	35		12144	12823	13654	14270		124 8	163 2	226 5	288 0
3113 Canning, preserving of fruits & vegetables		33	33	32	32		16966	16985	16958	17007		111 8	148 1	202 6	257 0
3114 Canning, preserving and processing of fish		32	32	31	29		5563	5161	4593	3936		39 2	49 5	57 1	66 0
3115 Vegetable and animal oils and fats		50	50	45	45		11924	11076	10519	10478		116 4	149 9	195 8	242 0
3116 Grain mill products		104	104	103	103		9266	9604	9388	9366		74 3	102 9	135 0	172 0
3117 Bakery products		23	23	22	22		15978	16307	15577	15673		108 2	144 5	188 3	221 0
3118 Sugar factories and refineries															
3119 Cocoa, chocolate and sugar confectionery		10	10	10	10		6736	7029	7225	7653		73 7	104 3	139 4	183 0
3121 Other food products		20	20	20	20		4237	4375	4495	4589		59 2	85 1	122 7	155 0
3122 Prepared animal feeds		48	48	43	43		3802	3474	3633	3738		35 9	46 3	62 9	77 0
213 Beverages		153	153	146	138		80790	84980	85820	88096		738 7	998 5	1332 0	1677 0
3131 Distilling, rectifying and blending spirits		56	56	53	46		5543	5619	5577	5701		67 4	93 1	126 4	161 0
3132 Wine industries															
3133 Malt liquors and malt		22	22	20	19		22480	23215	22863	22465		240 4	317 2	410 0	507 0
3134 Soft drinks and carbonated waters		75	75	73	73		52784	56143	58279	59930		430 8	588 2	795 5	1009 0
314 Tobacco		7	7	7	7		5190	5240	5450	5695		54 1	83 3	124 0	171 0
321 Textiles		244	243	241	236		72610	68830	63640	50495		515 3	705 2	820 0	922 0
3211 Spinning, weaving and finishing textiles		192	192	191	187		62202	59216	54402	51847		525 5	599 7	687 8	768 0
3212 Made-up textile goods excl. wearing apparel															
3213 Knitting mills		34	33	33	32		5456	5590	5207	5147		45 8	59 5	72 1	85 0
3214 Carpets and rugs		9	9	9	9		2938	2478	2427	2110		25 0	29 1	35 3	41 0
3215 Cordage, rope and twine															
3219 Other textiles		9	9	8	8		2011	1545	1608	1391		16 0	16 9	24 5	27 0
322 Wearing apparel, except footwear		182	180	175	171		30350	29650	28900	28012		195 3	251 3	312 0	367 0
323 Leather and fur products															
3231 Tanneries and leather finishing															
3232 Fur dressing and dyeing industries															
3233 Leather products excl. wearing apparel															
324 Footwear, except rubber or plastic		81	79	79	74		25000	23510	22180	20122		185 0	237 1	289 0	335 0
331 Wood products, except furniture		16	16	14	14		5240	4880	4650	4234		37 7	43 5	51 0	55 0
3311 Sawmills, planing and other wood mills		16	16	14	14		5239	4878	4649	4234		37 7	43 5	51 1	55 0
3312 Wooden and cane containers															
3319 Other wood and cork products															
332 Furniture and fixtures, excl. metal		69	68	68	68		7130	7240	7280	7145		49 5	68 3	93 0	109 0
341 Paper and products		132	132	132	129		33100	33140	32230	30835		382 0	473 5	582 0	694 0
3411 Pulp, paper and paperboard articles		67	67	67	65		21677	21285	20708	19517		258 1	315 9	380 8	450 0
3412 Containers of paper and paperboard		65	65	65	64		11420	11849	11520	11218		123 9	157 5	201 5	244 0
3419 Other pulp, paper and paperboard articles															
342 Printing and publishing		73	73	72	70		11210	11190	11110	10821		114 2	153 5	195 0	251 0
351 Industrial chemicals		177	177	174	173		58230	57320	55220	50008		831 3	1080 0	1314 0	1481 0
3511 Basic chemicals excl. fertilizers		77	77	77	76		20700	20103	19131	18319		343 5	431 5	535 0	635 0
3512 Fertilizers and pesticides		50	50	49	49		11905	11708	11034	8430		158 6	214 7	244 2	210 0
3513 Synthetic resins and plastic materials		50	50	48	48		25520	25515	25057	23259		329 1	414 1	534 0	635 0
352 Other chemicals		239	239	234	219		64620	65210	67610	67035		1007 2	1347 0	1822 0	2395 0
3521 Paints, varnishes and lacquers		40	40	40	38		6811	7005	7114	7118		93 5	122 9	173 6	227 0
3522 Drugs and medicines		72	72	71	71		25969	26243	26917	27207		417 5	554 3	732 6	948 0
3523 Soap, cleaning preps, perfumes, cosmetics		65	65	63	55		24855	25969	26401	26843		388 3	523 7	715 7	977 0
3529 Other chemical products		62	62	60	55		6987	5988	7175	6868		107 8	145 4	200 5	243 0
353 Petroleum refineries															

354 Misc. petroleum and coal products	23	23	23	22	4420	4360	4110	3800	47.0	68.3	80.0	100.0
355 Rubber products	49	48	48	46	17460	17040	16600	15788	284.4	356.0	439.0	491.0
3551 Tyres and tubes	9	9	9	9	10989	10283	10079	9616	222.1	270.2	326.7	364.0
3559 Other rubber products	40	39	39	37	6470	6753	6517	6273	62.3	85.8	113.1	137.0
356 Plastic products	167	166	164	162	26770	26860	26360	26148	226.3	296.6	390.0	470.0
361 Pottery, china, earthenware	5	5	5	5	7500	7460	7040	7200	66.8	90.1	116.0	147.0
362 Glass and products	22	22	22	22	23240	24390	23740	22812	302.3	412.8	514.0	644.0
369 Other non-metallic mineral products	168	166	161	156	31680	30960	30220	28797	418.4	539.3	709.0	837.0
3691 Structural clay products	21	21	21	20	4460	4340	4001	3689	38.2	48.3	60.3	70.0
3692 Cement, lime and plaster	28	28	27	26	15843	14807	14263	13616	277.6	363.8	464.6	535.0
3699 Other non-metallic mineral products	119	117	113	110	11381	11799	11963	11692	102.6	137.2	183.7	232.0
371 Iron and steel	94	94	92	92	51410	47370	43460	37627	666.1	837.2	900.0	1036.0
372 Non-ferrous metals	25	25	25	25	17970	18060	17740	15432	207.8	269.2	347.0	382.0
381 Fabricated metal products	220	218	212	203	60880	51620	51600	46247	516.9	672.0	861.0	1032.0
3811 Cutlery, hand tools and general hardware	8	8	8	8	3012	3462	3372	3191	31.9	43.6	53.4	66.0
3812 Furniture and fixtures primarily of metal	37	35	35	32	9017	9074	9318	8952	66.1	74.4	100.1	121.6
3813 Structural metal products	49	49	47	46	8331	8412	8961	7948	89.8	109.9	159.0	179.0
3819 Other fabricated metal products	126	126	122	118	30623	30678	28860	26166	337.1	444.0	648.8	667.0
382 Non-electrical machinery	175	175	169	162	33690	33200	31430	30676	419.1	529.7	649.0	766.0
3821 Engines and turbines	...	...	...	...	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	10	10	10	10	3116	3246	3123	3162	41.2	67.2	71.8	77.0
3823 Metal and wood working machinery	69	69	69	66	13310	12704	11362	10434	162.1	194.3	219.3	246.0
3824 Other special industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	22	22	16	14	4176	4136	3686	3304	70.3	86.8	106.7	118.0
3829 Other non-electrical machinery & equipment	74	74	74	73	13086	13113	13041	13666	146.6	191.4	262.6	316.0
383 Electrical machinery	174	174	166	162	96420	94900	92010	90146	881.3	1106.0	1373.0	1699.0
3831 Electrical industrial machinery	64	64	62	60	30663	31009	30848	30320	304.8	391.6	490.3	593.0
3832 Radio, television and communication equip	70	70	65	64	44767	42810	39782	39383	376.7	469.4	562.9	622.0
3833 Electrical appliances and housewares	17	17	16	16	10178	10603	10631	10321	87.0	103.9	140.7	170.0
3839 Other electrical apparatus and supplies	23	23	22	22	10923	10674	10847	10122	112.8	140.2	189.6	214.0
384 Transport equipment	155	155	152	149	108000	114370	117780	110948	1174.0	1787.0	2340.0	3000.0
3841 Shipbuilding and repairing	7	7	6	6	3217	2666	2688	1606	32.1	33.7	41.6	36.0
3842 Railroad equipment	12	12	10	8	4787	4320	3612	1412	49.1	64.0	46.4	28.0
3843 Motor vehicles	123	123	123	122	96816	104193	108274	104961	1070.4	1670.3	2216.4	2896.0
3844 Motorcycles and bicycles	13	13	13	13	3180	3293	3306	2970	22.8	29.0	36.3	40.0
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	6	6	6	6	2430	2620	2760	2646	27.9	38.1	49.0	64.0
3851 Prof. and scientific equipment n.e.c.	6	6	6	6	2431	2622	2763	2646	27.9	38.1	49.3	64.0
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	36	36	36	34	6040	6390	6430	6333	69.3	76.4	100.0	130.0
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	36	36	36	34	6036	6389	6428	6333	69.3	76.4	99.9	130.0
3 Total manufacturing	3109	3096	3022	2938	967720	968760	962660	914343	10326.6	13698.7	17276.0	20986.0

Mexico

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(billion NEW PESOS)					(billion NEW PESOS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		15991.2	20389.0	25063.0	29131.0		4703.0	6124.0	7478.0	...	29.4	...	17.4	...
3111 Slaughtering, preparing & preserving meat		1503.5	1839.2	2316.0	2638.0		...	...	...	...	...	...	...	...
3112 Dairy products		2686.2	3670.2	4712.0	6007.0		...	...	...	...	...	...	...	...
3113 Canning, preserving of fruits & vegetables		1843.1	2321.9	2726.0	3431.0		...	...	...	...	...	...	...	...
3114 Canning, preserving and processing of fish		361.1	428.0	461.0	416.0		...	...	...	...	...	...	...	...
3115 Vegetable and animal oils and fats		3029.9	3367.8	4124.0	4530.0		...	...	...	...	...	...	...	...
3116 Grain mill products		2014.0	2683.6	3306.0	3425.0		...	...	...	...	...	...	...	...
3117 Bakery products		986.6	1321.4	1666.0	1631.0		...	...	...	...	...	...	...	...
3118 Sugar factories and refineries	
3119 Cocoa, chocolate and sugar confectionery		690.1	914.1	1139.0	1433.0		...	...	...	...	...	...	...	...
3121 Other food products		1969.0	2380.9	2892.0	3604.0		...	...	...	...	...	...	...	...
3122 Prepared animal feeds		1118.7	1464.3	1823.0	2019.0		...	...	...	...	...	...	...	...
313 Beverages		9065.3	11822.7	16172.0	18988.0		4799.0	6216.0	8425.0	...	52.9	...	16.4	...
3131 Distilling, rectifying and blending spirits		1800.4	2278.5	3256.0	3648.0		...	...	...	...	...	...	...	...
3132 Wine industries	
3133 Malt liquors and malt		3939.5	4997.1	6682.0	7455.0		...	...	...	...	...	...	...	...
3134 Soft drinks and carbonated waters		3325.4	4647.1	6234.0	7686.0		...	...	...	...	...	...	...	...
314 Tobacco		2032.9	2442.3	3666.0	6141.0		1690.0	1912.0	2859.0	...	78.2	...	4.0	...
321 Textiles		3980.5	4586.8	5064.0	6334.0		1876.0	2164.0	2389.0	...	47.1	...	32.9	...
3211 Spinning, weaving and finishing textiles		3236.1	3687.4	3838.0	4063.0		...	...	...	...	...	...	...	...
3212 Made-up textile goods excl. wearing apparel	
3213 Knitting mills		375.1	522.6	721.0	773.0		...	...	...	...	...	...	...	...
3214 Carpets and rugs		227.4	247.1	276.0	302.0		...	...	...	...	...	...	...	...
3215 Cordage, rope and twine	
3219 Other textiles		142.0	129.8	220.0	196.0		...	...	...	...	...	...	...	...
322 wearing apparel, except footwear		997.3	1169.4	1381.0	1502.0		520.0	610.0	704.0	...	62.1	...	37.6	...
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		896.9	1064.7	1267.0	1348.0		467.0	534.0	631.0	...	61.0	...	40.6	...
331 wood products, except furniture		303.0	366.3	356.0	354.0		129.0	160.0	166.0	...	42.6	...	29.2	...
3311 Sawmills, planing and other wood mills		303.0	366.3	356.0	354.0		...	...	...	...	...	...	...	...
3312 wooden and cane containers	
3319 Other wood and cork products	
332 Furniture and fixtures, excl. metal		396.7	493.6	594.0	663.0		164.0	191.0	236.0	...	38.9	...	32.1	...
341 Paper and products		5813.2	6361.2	7079.0	7475.0		1807.0	1985.0	2249.0	...	31.1	...	21.1	...
3411 Pulp, paper and paperboard articles		4111.0	4496.0	4917.0	5070.0		...	...	...	...	...	...	...	...
3412 Containers of paper and paperboard		1702.2	1865.2	2162.0	2406.0		...	...	...	...	...	...	...	...
3419 Other pulp, paper and paperboard articles	
342 Printing and publishing		937.0	1084.6	1287.0	1431.0		403.0	478.0	576.0	...	43.0	...	28.3	...
351 Industrial chemicals		12274.2	14229.9	16260.0	16178.0		5462.0	6394.0	7282.0	...	44.6	...	16.2	...
3511 Basic chemicals excl. fertilizers		5537.2	6361.8	6972.0	7242.0		...	...	...	...	...	...	...	...
3512 Fertilizers and pesticides		1993.7	2491.7	3120.0	2496.0		...	...	...	...	...	...	...	...
3513 Synthetic resins and plastic materials		4743.3	5376.3	6168.0	6441.0		...	...	...	...	...	...	...	...
352 Other chemicals		10625.2	13174.9	16242.0	19168.0		4154.0	5179.0	6260.0	...	39.6	...	24.2	...
3521 Paints, varnishes and lacquers		1122.8	1460.6	1821.0	2148.0		...	...	...	...	...	...	...	...
3522 Drugs and medicines		3521.3	4478.9	5383.0	6681.0		...	...	...	...	...	...	...	...
3523 Soap, cleaning preps, perfumes, cosmetics		4622.2	5774.6	7186.0	8379.0		...	...	...	...	...	...	...	...
3529 Other chemical products		1268.9	1462.9	1853.0	1960.0		...	...	...	...	...	...	...	...
353 Petroleum refineries	

354	Visc. petroleum and coal products	1196.7	1546.1	1799.0	1849.0	366.0	486.0	672.0	...	29.7	...	13.2	...
355	Rubber products	2327.8	2784.0	3129.0	3248.0	1067.0	1306.0	1425.0	...	46.4	...	26.9	...
3551	Tyres and tubes	1865.0	2237.5	2600.0	2681.0	...	...	...	...	...	...	...	...
3559	Other rubber products	462.8	546.5	629.0	667.0	...	...	...	...	...	...	...	...
356	Plastic products	2070.5	2396.2	2737.0	3019.0	934.0	1107.0	1279.0	...	46.1	...	24.2	...
361	Pottery, china, earthenware	517.8	636.6	766.0	936.0	321.0	409.0	478.0	...	62.0	...	20.8	...
362	Glass and products	2352.7	2974.2	3767.0	4060.0	1424.0	1763.0	2161.0	...	60.6	...	21.2	...
369	Other non-metallic mineral products	3902.1	6239.2	7247.0	8893.0	2044.0	2773.0	3914.0	...	62.4	...	20.6	...
3651	Structural clay products	355.8	433.0	466.0	481.0	...	...	...	...	...	...	...	...
3692	Cement, lime and plaster	2804.3	3670.0	5347.0	6631.0	...	...	...	...	...	...	...	...
3699	Other non-metallic mineral products	742.1	1136.2	1432.0	1881.0	...	...	...	...	...	...	...	...
371	Iron and steel	12867.2	15566.9	16368.0	16399.0	4100.0	6060.0	6194.0	...	32.4	...	16.0	...
372	Non-ferrous metals	5771.8	6266.2	6692.0	6736.0	1807.0	1987.0	1807.0	...	31.3	...	11.5	...
381	Fabricated metal products	4667.3	6014.7	7085.0	7691.0	2134.0	2667.0	3180.0	...	46.7	...	24.2	...
3811	Cutlery, hand tools and general hardware	260.5	342.7	412.0	384.0	...	...	...	...	...	...	...	...
3812	Furniture and fixtures primarily of metal	436.0	623.7	729.0	843.0	...	...	...	...	...	...	...	...
3813	Structural metal products	446.8	574.4	911.0	852.0	...	...	...	...	...	...	...	...
3819	Other fabricated metal products	3523.0	4473.9	5033.0	5512.0	...	...	...	...	...	...	...	...
382	Non-electrical machinery	3667.9	4466.2	5163.0	6466.0	1718.0	2097.0	2309.0	...	47.0	...	24.4	...
3821	Engines and turbines	...	...	...	...	...	...	...	...	...	...	...	...
3822	Agricultural machinery and equipment	546.1	616.4	684.0	741.0	...	...	...	...	...	...	...	...
3823	Metal and wood working machinery	844.9	964.6	1069.0	1206.0	...	...	...	...	...	...	...	...
3824	Other special industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3825	Office, computing and accounting machinery	1367.7	1786.9	2114.0	1893.0	...	...	...	...	...	...	...	...
3829	Other non-electrical machinery & equipment	909.2	1099.4	1406.0	1666.0	...	...	...	...	...	...	...	...
383	Electrical machinery	6667.4	8010.2	9313.0	9709.0	3677.0	4333.0	4729.0	...	64.5	...	24.6	...
3831	Electrical industrial machinery	2498.4	2864.2	3846.0	3862.0	...	...	...	...	...	...	...	...
3832	Radio, television and communication equipm.	2331.8	3030.9	2901.0	3134.0	...	...	...	...	...	...	...	...
3833	Electrical appliances and housewares	763.0	926.5	1229.0	1396.0	...	...	...	...	...	...	...	...
3839	Other electrical apparatus and supplies	974.3	1188.6	1337.0	1316.0	...	...	...	...	...	...	...	...
384	Transport equipment	23676.0	31920.1	43772.0	51320.0	7121.0	9618.0	12640.0	...	30.2	...	16.6	...
3841	Shipbuilding and repairing	23.2	41.6	47.0	33.0	...	...	...	...	...	...	...	...
3842	Railroad equipment	120.6	223.1	204.0	37.0	...	...	...	...	...	...	...	...
3843	Motor vehicles	23244.8	31426.3	43316.0	51014.0	...	...	...	...	...	...	...	...
3844	Motorcycles and bicycles	186.6	250.2	206.0	236.0	...	...	...	...	...	...	...	...
3845	Aircraft	...	...	...	...	...	...	...	...	...	...	...	...
3849	Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385	Professional and scientific equipment	369.2	610.6	726.0	737.0	164.0	229.0	294.0	...	46.7	...	17.0	...
3851	Prof. and scientific equipment n.e.c.	369.2	610.6	726.0	737.0	...	...	...	...	...	...	...	...
3852	Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853	Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390	Other manufacturing industries	414.7	490.7	628.0	756.0	216.0	270.0	328.0	...	62.1	...	27.6	...
3901	Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...
3902	Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903	Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909	Manufacturing industries, n.e.c.	414.7	490.7	628.0	756.0	...	...	...	...	...	...	...	...
3 -	Total manufacturing	133249.6	166972.1	202491.0	226443.0	53026.0	66929.0	79664.0	...	39.8	...	19.6	...

Mexico

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(billion NEW PESOS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		278.4	624.5	921.1	...	a/	115	117	118	118	124	128	133	136	136
313 Beverages		205.7	370.1	583.7	...	a/	...	...	...	...	...	...	...	...	...
314 Tobacco		15.7	38.9	26.9	...	a/	...	...	...	...	...	...	...	...	...
321 Textiles		206.1	184.2	219.3	...	b/	98	92	92	95	97	96	91	91	88
322 wearing apparel, except footwear		22.0	25.3	27.8	...	b/	...	...	...	...	...	...	...	...	...
323 Leather and fur products	
324 Footwear, except rubber or plastic		12.5	16.2	28.6	...	...	...	...	...	...	...	...	...	...	...
331 wood products, except furniture		4.9	4.9	6.8	...	c/	112	108	106	104	108	116	119	121	111
332 Furniture and fixtures, excl metal		6.2	9.6	9.5	...	c/	...	...	...	...	...	...	...	...	...
341 Paper and products		157.3	292.3	597.8	...	d/	117	115	114	114	122	127	123	124	124
342 Printing and publishing		31.5	69.7	69.0	...	d/	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		574.0	500.3	806.4	...	e/	119	116	121	123	132	140	148	153	148
352 Other chemicals		253.1	358.5	397.8	...	e/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		e/	...	...	...	...	...	...	...	...	...
354 Misc petroleum and coal products		11.1	9.9	43.8	...	e/	...	...	...	...	...	...	...	...	...
355 Rubber products		50.5	44.8	99.4	...	e/	...	...	...	...	...	...	...	...	...
356 Plastic products		74.3	96.0	106.9	...	e/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		14.1	60.2	37.2	...	f/	106	92	103	97	103	110	116	124	126
362 Glass and products		91.4	146.6	696.2	...	f/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		214.7	196.0	1738.3	...	f/	...	...	...	...	...	...	...	...	...
371 Iron and steel		48.4	203.2	238.0	...	g/	97	89	102	108	113	120	117	116	124
372 Non-ferrous metals		69.3	92.7	118.5	...	g/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		101.9	172.1	304.4	...	h/	101	95	103	111	122	132	146	146	145
382 Non-electrical machinery		79.8	103.9	120.3	...	h/	...	...	...	...	...	...	...	...	...
383 Electrical machinery		173.1	214.2	419.8	...	h/	...	...	...	...	...	...	...	...	...
384 Transport equipment		436.2	663.0	1282.6	...	h/	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		2.3	6.7	1.9	...	h/	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		10.8	11.5	21.7	...	...	101	103	106	117	136	142	139	188	187
3 Total manufacturing		3145.1	4515.1	8921.8	...	...	109	105	109	112	119	126	131	133	132

a/ 311/2 includes 313 and 314.

c/ 331 includes 332

e/ 351 includes 352, 353, 354, 355 and 356

g/ 371 includes 372

b/ 321 includes 322.

d/ 341 includes 342.

f/ 361 includes 362 and 369

h/ 381 includes 382, 383, 384 and 385

MOROCCO

Supplier of information:

Direction de la statistique, Secrétariat d'Etat au plan et au développement régional, Premier ministre, Rabat.

Basic source of data:

Survey of industrial structure, conducted by the Direction de la statistique in collaboration with two research institutions.

Major deviations from current version of ISIC:

None reported.

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

Establishments with 10 or more employees.

Method of enumeration:

Establishments with 50 or more employees are completely enumerated, and establishments with 10-49 employees are sampled.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Wages and salaries is compensation of employees.

Related national publications:

Rapports sur l'enquête de structure sur l'industrie, published by the Direction de la statistique, Secrétariat d'Etat au plan et au développement régional, Premier ministre, Rabat.

Morocco

ISIC Industry	Number of establishments					Number of employees					Wages and salaries paid to employees				
	Note	(numbers)				Note	(numbers)				Note	(million DIRHAMS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		964	964	939	937		20617	27360	28980	28438		828	934	1004	1029
313 Beverages	a/	45	42	44	43	a/	6961	11616	12821	8932	a/	499	669	600	623
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
321 Textiles		662	739	759	774		65104	69858	73168	72165		1338	1679	1748	1741
322 Wearing apparel, except footwear		792	824	824	796		80067	89611	93029	95102		1213	1623	1671	1834
323 Leather and fur products	b/	324	313	303	302	b/	14103	16559	18931	16521	b/	364	363	428	368
324 Footwear, except rubber or plastic	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
331 Wood products, except furniture	c/	227	250	247	259	c/	9781	10638	10348	12496	c/	306	297	327	374
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
341 Paper and products	d/	376	401	398	413	d/	11229	13020	13743	16112	d/	499	608	563	607
342 Printing and publishing	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
351 Industrial chemicals	e/	321	354	391	390	e/	21888	26283	26061	26127	e/	1286	1488	1643	1712
352 Other chemicals	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...		...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...		...	...	...	...		...	...	...	...
355 Rubber products	f/	235	254	262	288	f/	8610	10348	11163	11667	f/	320	367	439	436
356 Plastic products	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
361 Pottery, china, earthenware	g/	358	383	394	416		...	34634g/	37440g/	35988g/	g/	839	1010	1134	1188
362 Glass and products	g/	...	...	...	...		...	...g/	...g/	...g/	g/	...	...	...	...
369 Other non-metallic mineral products	g/	...	...	...	...		...	...g/	...g/	...g/	g/	...	...	...	...
371 Iron and steel		21h/	13h/	13h/	...		...	1692h/	1718h/	...	h/	114	98	100	101
372 Non-ferrous metals		...h/	...h/	...h/	...		...	...h/	...h/	...	h/	...	...	...	...
381 Fabricated metal products		377	417	422	457		16763	22130	25267	26813		716	836	927	1040
382 Non-electrical machinery	1/	247	261	268	290	1/	7334	7963	7672	7394	1/	234	266	290	308
383 Electrical machinery		132	117	118	113		11261	11618	10183	10493		491	617	636	634
384 Transport equipment		102	103	97	102		8846	10859	11171	11706		463	623	648	592
385 Professional and scientific equipment	1/	29	28	28	29	1/	1183	1198	891	853	1/	28	30	28	26
390 Other manufacturing industries		31	29	28	27		638	671	698	663		20	22	28	26
3 Total manufacturing	j/	5730	6023	6100	6202	j/	414112	426330	437000	444061	j/	10918	12460	13492	13977

a/ 313 includes 314.
c/ 331 includes 332.
e/ 351 includes 352.
g/ 361 includes 362 and 369.
1/ 385 includes office machines (ISIC 3825).

b/ 323 includes 324.
d/ 341 includes 342.
f/ 368 includes 366.
h/ 371 includes 372.
j/ Total includes industries for which data are not allocated to a particular sector.

Morocco

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million DIRHAMS)					(million DIRHAMS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		11970	13608	13964	16119		1188	2299	2366	2419	9.9	16.0	69.8	42.6
313 Beverages	a/	5981	6303	7326	7449	a/	6207	6001	6811	7016	87.1	94.2	9.6	8.9
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	...	...	...	...
321 Textiles		9499	10714	11292	11219		2600	3045	3389	3528	27.4	31.4	61.6	49.3
322 Wearing apparel, except footwear		5792	6776	7063	7359		1881	2329	2668	2786	32.6	37.8	64.6	66.9
323 Leather and fur products	b/	2196	2182	2068	2089	b/	661	612	689	636	26.6	26.7	63.1	66.7
324 Footwear, except rubber or plastic	b/	...	...	...	...	b/	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	2803	2238	2358	2601	c/	661	666	870	730	23.2	29.2	46.9	61.2
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
341 Paper and products		4411d/	3440	5046d/	5216d/		1248	1111	1173	1267d/	...	24.3	...	47.9
342 Printing and publishing		...d/	1216	...d/	...d/		358	378	421	...	...	...	...	...
351 Industrial chemicals	e/	19108	17411	17459	16813		3324	4106	6066	4039e/	...	21.6	...	42.4
352 Other chemicals	e/	...	...	...	...		246	249	266	...e/	...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	...	...	...		...	...	...	...	...	...	...	...
355 Rubber products	f/	2388	2736	2748	2836	f/	821	971	989	1013	34.4	36.7	39.0	43.0
356 Plastic products	f/	...	...	...	...	f/	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	g/	6917	7289	8108	8325		...	...	3596g/	3363g/	...	40.3	...	36.4
362 Glass and products	g/	...	...	...	...		...	...	...	...g/	...	...	...	...
369 Other non-metallic mineral products	g/	...	...	...	...		...	...	...	...g/	...	...	...	...
371 Iron and steel		2688h/	2368h/	2468h/	...		668h/	680h/	616h/	...	24.7	...	17.1	...
372 Non-ferrous metals		...h/	...h/	...h/	...		...h/	...h/	...h/	...	...	...	...	...
381 Fabricated metal products		5331	6405	7489	6889		1370	1687	1923	1866	26.7	27.1	62.2	66.8
382 Non-electrical machinery	1/	1664	1600	1618	1641	1/	...	...	...	699	...	36.9	...	64.1
383 Electrical machinery		4216	4102	3802	3061		1086	1106	1042	1064	26.7	34.6	46.3	60.7
384 Transport equipment		4230	6600	6428	4390		1161	1379	1267	1393	27.2	31.7	40.2	42.6
385 Professional and scientific equipment	1/	200	260	214	220	1/	67	72	68	66	28.6	29.6	49.1	40.0
390 Other manufacturing industries		66	66	112	109		32	36	42	38	37.2	34.9	62.6	66.8
3 Total manufacturing	j/	103683	109932	114699	117464	j/	29170	33682	36088	36766	28.2	30.4	27.4	39.1

a/ 313 includes 314

c/ 331 includes 332.

e/ 351 includes 352.

g/ 361 includes 362 and 369.

1/ 385 includes office machines (ISIC 3825).

b/ 323 includes 324.

d/ 341 includes 342.

f/ 356 includes 356.

h/ 371 includes 372.

j/ Total includes industries for which data are not allocated to a particular sector.

Morocco

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million DIRHAMS)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		447	626	732	584		108	113	94	99	98	100	104	104	116
313 Beverages	a/	500	366	492	742		75	78	90	106	114	120	142	139	126
314 Tobacco	a/						121	120	120	123	111	114	108	104	97
321 Textiles		946	1387	1119	782		117	128	143	162	151	167	162	167	161
322 Wearing apparel, except footwear		597	476	528	446										
323 Leather and fur products	b/	67	79	89	85	b/c/	116	102	98	107	112	110	123	122	121
324 Footwear, except rubber or plastic	b/					b/									
331 Wood products, except furniture		163	92	89	132d/		92	87	86	93	96	96	103	96	106
332 Furniture and fixtures, excl. metal		21	13	6	d/										
341 Paper and products		296	391	501	363e/		94	98	93	100	97	97	90	96	92
342 Printing and publishing			78	117	e/										
351 Industrial chemicals	f/	655	946	725	609		171	185	166	166	139	163	148	161	169
352 Other chemicals	f/						112	117	112	123	126	126	128	139	138
353 Petroleum refineries							116	103	85	94	101	108	101	113	116
354 Misc. petroleum and coal products															
355 Rubber products	g/	185	274	264	271		64	60	64	69	69	76	78	71	72
356 Plastic products	g/						78	86	109	111	116	137	138	131	134
361 Pottery, china, earthenware	h/	727	1190	2540	3410										
362 Glass and products	h/						84	89	92	116	126	126	110	143	128
369 Other non-metallic mineral products	h/														
371 Iron and steel	i/	67	36	16	21		81	67	124	146	169	167	178	173	167
372 Non-ferrous metals	i/														
381 Fabricated metal products		308	310	323	313		82	67	87	91	96	102	109	124	116
382 Non-electrical machinery	j/	62	89	101	71										
383 Electrical machinery		191	170	146	194		93	107	102	98	109	119	113	101	114
384 Transport equipment		226	291	159	168		71	81	116	123	136	147	161	126	116
385 Professional and scientific equipment	j/	19	22	9	18										
390 Other manufacturing industries		1	3	6	4										
3 Total manufacturing	k/	6566	7679	8780	10029										

a/ 313 includes 314

c/ Excluding fur and fur products.

e/ 341 includes 342

g/ 355 includes 356

i/ 371 includes 372

k/ Total includes industries for which data are not allocated to a particular sector.

b/ 323 includes 324.

d/ 331 includes 332

f/ 351 includes 352

h/ 361 includes 362 and 369

j/ 386 includes office machines (ISIC 3825).

MOZAMBIQUE

Supplier of information:

Direcção Nacional de Estatística, Maputo.

Basic source of data:

Annual inquiries undertaken by government agencies: for peeling and whitening of rice, the Cereals Institute of Mozambique and, for other industrial activities and saltern operations, the Direcção Nacional de Estatística, Maputo. The data for 1989 are taken from the national publication *Informação Estatística 1989*, issued by the Comissão Nacional do Plano, Direcção Nacional de Estatística and are not comparable with data for the previous years.

Major deviations from current version of ISIC:

The following activities are not included in manufacturing: poultry slaughtering, copra drying, tailoring, dressmaking, upholstering, manufacture of underclothes and embroidering.

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

All registered establishments.

Method of enumeration:

Questionnaires are distributed by mail.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Number of establishments refers to those in operation on 31 December of the reference year.

Number of persons engaged is as of 31 December of the reference year.

Output and value added are gross output and total value added, respectively.

Related national publications:

Estatística Industriais (annual), published by the Direcção Nacional de Estatística, Maputo.

Mozambique

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million METICAIS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		...	117a/	...	...		...	33170a/	...	...		...	...	...	...
313 Beverages		...	a/	...	...		...	a/	...	...		...	...	...	...
314 Tobacco		...	a/	...	...		...	a/	...	...		...	...	...	...
321 Textiles		...	57b/	...	...		...	14850b/	...	...		...	...	...	...
322 Wearing apparel, except footwear		...	b/	...	...		...	b/	...	...		...	...	...	...
323 Leather and fur products		...	b/	...	...		...	b/	...	...		...	...	...	...
324 Footwear, except rubber or plastic		...	b/	...	...		...	b/	...	...		...	...	...	...
331 Wood products, except furniture		...	40c/	...	...		...	3390c/	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		...	c/	...	...		...	c/	...	...		...	...	...	...
341 Paper and products		...	29d/	...	...		...	2930d/	...	...		...	...	...	...
342 Printing and publishing		...	d/	...	...		...	d/	...	...		...	...	...	...
351 Industrial chemicals		...	41e/	...	...		...	4530e/	...	...		...	...	...	...
352 Other chemicals		...	e/	...	...		...	e/	...	...		...	...	...	...
353 Petroleum refineries		...	e/	...	...		...	e/	...	...		...	...	...	...
354 Misc. petroleum and coal products		...	e/	...	...		...	e/	...	...		...	...	...	...
355 Rubber products		...	e/	...	...		...	e/	...	...		...	...	...	...
356 Plastic products		...	e/	...	...		...	e/	...	...		...	...	...	...
361 Pottery, china, earthenware		...	14f/	...	...		...	3560f/	...	...		...	...	...	...
362 Glass and products		...	f/	...	...		...	f/	...	...		...	...	...	...
369 Other non-metallic mineral products		...	f/	...	...		...	f/	...	...		...	...	...	...
371 Iron and steel		...	11g/	...	...		...	1510g/	...	...		...	...	...	...
372 Non-ferrous metals		...	g/	...	...		...	g/	...	...		...	...	...	...
381 Fabricated metal products		...	58h/	...	...		...	6680h/	...	...		...	...	...	...
382 Non-electrical machinery		...	h/	...	...		...	h/	...	...		...	...	...	...
383 Electrical machinery		...	h/	...	...		...	h/	...	...		...	...	...	...
384 Transport equipment		...	h/	...	...		...	h/	...	...		...	...	...	...
385 Professional and scientific equipment		...	h/	...	...		...	h/	...	...		...	...	...	...
390 Other manufacturing industries		...	2	...	...		...	240	...	...		...	...	...	...
3 Total manufacturing		...	369	...	...		...	70860	...	...		...	...	...	...

a/ 311/2 includes 313 and 314.

c/ 331 includes 332.

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

g/ 371 includes 372.

h/ 381 includes 382, 384 and 385.

b/ 321 includes 322, 323 and 324.

d/ 341 includes 342.

f/ 361 includes 362 and 369.

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

Mozambique

ISIC Industry	Note	Output				Note	Value added				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		(million METICAIS)					(million METICAIS)				1990 1993		1990 1993	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		...	133281	...	175913	...	...	...	...	...	...	...	...
313 Beverages		...	35514	...	79179	...	...	...	...	...	...	...	...
314 Tobacco		...	14621	...	11628	...	...	...	...	...	...	...	...
321 Textiles		...	53613	...	68774	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		...	20278	...	13801	...	...	...	...	...	...	...	...
323 Leather and fur products		...	836	...	346	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...	1841	...	2180	...	...	...	...	...	...	...	...
331 Wood products, except furniture		...	4608	...	5457	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...	3023	...	4861	...	...	...	...	...	...	...	...
341 Paper and products		...	7846	...	17698	...	...	...	...	...	...	...	...
342 Printing and publishing		...	7192	...	19043	...	...	...	...	...	...	...	...
351 Industrial chemicals		...	2266	...	10343	...	...	...	...	...	...	...	...
352 Other chemicals		...	27651	...	66612	...	...	...	...	...	...	...	...
353 Petroleum refineries		...	4617	...	4047	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		...	14678	...	...	...	...	...	...	...	...	...	...
355 Rubber products		...	6780	...	11667	...	...	...	...	...	...	...	...
356 Plastic products		...	6780	...	6783	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		...	6	...	12	...	...	...	...	...	...	...	...
362 Glass and products		...	7862	...	11112	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...	21136	...	66496	...	...	...	...	...	...	...	...
371 Iron and steel		...	16912	...	26430	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	896	...	6346	...	...	...	...	...	...	...	...
381 Fabricated metal products		...	9602	...	22061	...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	2162	...	2632	...	...	...	...	...	...	...	...
383 Electrical machinery		...	12420	...	13306	...	...	...	...	...	...	...	...
384 Transport equipment		...	9931	...	7999	...	...	...	...	...	...	...	...
386 Professional and scientific equipment		...	18	...	24	...	...	...	...	...	...	...	...
390 Other manufacturing industries		...	494	...	447	...	...	...	...	...	...	...	...
3 Total manufacturing		...	426666	...	642917	...	...	...	...	...	...	...	...

Mozambique

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production											
	Note	(million METICAIS)				Note	(1980=100)										
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993		
311/2 Food Products																	
313 Beverages																	
314 Tobacco																	
321 Textiles							109	93									
322 Wearing apparel, except footwear							91	72									
323 Leather and fur products																	
324 Footwear, except rubber or plastic							96	126									
331 Wood products, except furniture																	
332 Furniture and fixtures, excl metal																	
341 Paper and products							72	74									
342 Printing and publishing																	
351 Industrial chemicals							56	54									
352 Other chemicals																	
353 Petroleum refineries																	
354 Misc petroleum and coal products																	
355 Rubber products							80	87									
356 Plastic products							77	143									
361 Pottery, china, earthenware																	
362 Glass and products							131	170									
369 Other non-metallic mineral products																	
371 Iron and steel							76	63									
372 Non-ferrous metals																	
381 Fabricated metal products							109	103									
382 Non-electrical machinery							128	158									
383 Electrical machinery							113	109									
384 Transport equipment																	
385 Professional and scientific equipment																	
390 Other manufacturing industries																	
3 Total manufacturing																	

NETHERLANDS

Supplier of information:

Netherlands Central Bureau of Statistics, Voorburg.
Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual survey of production and fixed capital formation. Employment statistics are supplemented with information from the quarterly employment questionnaire.

Major deviations from current version of ISIC:

None reported.

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

All-kind-of-activity units employing 20 or more persons, except for gross fixed capital formation, where kind-of-activity units employing 10 or more persons have been surveyed.

Method of enumeration:

Units with 20 or more employees are completely enumerated.

Adjusted for non-response:

No.

Concepts and definitions of variables:

Number of employees refers to the total number of full-time and part-time employees on 30 September. It includes salaried employees, wage earners and homeworkers.

Wages and salaries paid to employees includes employers' contributions to social security schemes and pension funds, regular and overtime cash payments, bonuses and cost-of-living allowances, vacation pay, taxes and social insurance contributions payable by employees and deducted by employers, payments in kind and allowances. Sick leave pay is not included.

Output refers to gross output and includes production of all products, net change of work in progress, work done on own account, services rendered (including non-industrial services), goods shipped in the same condition as received, electricity sold, fixed assets produced for own use, net changes in stocks of finished goods, and goods made by homeworkers and handicraft workers.

Value added, which uses the national accounts concept, is gross output less the value of consumption (including costs of, and receipts for, non-industrial services). 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 are all deducted. Input estimates are on a received basis, adjusted for stock changes.

Gross fixed capital formation is defined as the value of the fixed assets that have become available and are ready to use, which results in the inclusion of leased and hired fixed assets. Fixed assets are new and used assets with a productive life of at least one year, plus additions, alterations and improvements to existing assets. Valuation is at full cost incurred, including delivered price, cost of installation and indirect taxes, but excluding fees and VAT. For assets produced by the unit, the cost of work put in progress, including cost of labour, material and other supplies is taken.

Related national publications:

Yearly Production Statistics; Yearly Statistics on Fixed Capital Formation in Industry, both published by the Netherlands Central Bureau of Statistics, Voorburg.

Netherlands

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million GUILDERS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		821	854	850	861		107769	110073	109732	107899		5283	5626	5894	6195
3111 Slaughtering, preparing & preserving meat		156	166	161	164		18902	19293	19668	19328		819	876	940	985
3112 Dairy products		45	44	40	41		18327	17832	17168	16856		1074	1066	1117	1170
3113 Canning, preserving of fruits & vegetables		44	45	44	48		6414	6687	6806	6286		311	344	298	298
3114 Canning, preserving and processing of fish		46	51	50	53		3096	3309	3184	2815		116	130	130	122
3115 Vegetable and animal oils and fats		14	14	13	13		3983	3840	3816	3817		250	264	271	285
3116 Grain mill products		12	16	12	17		1426	1428	1394	1396		86	88	91	92
3117 Bakery products		270	279	292	302		18317	19396	19980	20247		674	748	814	866
3118 Sugar factories and refineries		108	110	114	110		20263	20924	21311	20496		1048	1137	1198	1266
3119 Cocoa, chocolate and sugar confectionery		41	43	42	48		7375	7567	7613	7427		406	431	454	507
3121 Other food products	a/	85	88	82	77	a/	9666	9798	9803	10033	a/	502	547	581	604
3122 Prepared animal feeds	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
313 Beverages		38	37	34	34		11229	11611	11403	11217		775	819	807	819
3131 Distilling, rectifying and blending spirits		14	13	12	12		1161	1145	1142	1185		75	74	77	85
3132 Wine industries		...	...	...	...		...	...	...	...		...	...	...	...
3133 Malt liquors and malt		11	13	13	12		7787	8067	7428	7661		567	604	581	583
3134 Soft drinks and carbonated waters		13	11	9	9		2281	2409	2433	2371		133	141	149	161
314 Tobacco		16	16	15	13		6461	6375	6923	6740		380	402	390	432
321 Textiles		217	223	220	223		21229	21108	20412	19638		960	980	998	1011
3211 Spinning, weaving and finishing textiles		78	77	75	75		9231	8888	8588	7979		420	423	437	440
3212 Made-up textile goods excl. wearing apparel		47	57	55	60		2488	2926	2926	2982		89	107	116	119
3213 Knitting mills		38	38	38	36		3215	3142	2862	2869		110	116	112	118
3214 Carpets and rugs		54	51	52	52		6296	6173	6047	6706		331	336	334	337
3215 Cordage, rope and twine		...	...	...	...		...	...	...	...		...	...	...	...
3219 Other textiles		...	...	...	...		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear	b/	136	126	122	104	b/	7913	7493	6831	6126	b/	266	267	269	247
323 Leather and fur products	b/	40	47	41	39	b/	1814	1879	1773	1608	b/	75	81	78	72
3231 Tanneries and leather finishing		13	16	12	12		775	707	661	618		33	32	32	30
3232 Fur dressing and dyeing industries	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
3233 Leather prod. excl. wearing apparel		27	31	29	27		1039	1172	1112	990		42	49	46	42
324 Footwear, except rubber or plastic		41	37	36	40		2361	2267	2128	1989		88	90	86	82
331 Wood products, except furniture		206	228	227	218		12592	13021	13213	11964		540	593	636	582
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...	...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		224	231	243	247		9996	10666	10796	10642		409	466	500	500
341 Paper and products		146	161	183	153		24429	26383	26254	23946		1280	1419	1612	1474
3411 Pulp, paper and paperboard articles		27	28	28	21		8588	8884	8742	7866		476	528	546	508
3412 Containers of paper and paperboard	c/	119	133	135	132	c/	16841	16499	16612	15081	c/	804	891	964	966
3419 Other pulp, paper and paperboard articles	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
342 Printing and publishing		658	710	743	736		60739	62667	61998	61317		3291	3673	3763	3737
351 Industrial chemicals		103	108	107	119		57593	56936	53867	42367		3983	4072	4061	3471
3511 Basic chemicals excl. fertilizers	d/	84	89	87	99	d/	52126	61740	49067	36426	d/	3629	3719	3712	3188
3512 Fertilizers and pesticides		19	19	20	20		6468	5196	4800	3841		364	363	349	273
3513 Synthetic resins and plastic materials	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
352 Other chemicals		160	154	165	166		31939	31796	32060	32595		1849	1938	2068	2207
3521 Paints, varnishes and lacquers		45	45	54	55		6960	7086	7269	7430		398	424	464	472
3522 Drugs and medicines		38	40	38	36		12890	12663	12661	13003		766	802	843	933
3523 Soap, cleaning preps., perfumes, cosmetics		30	28	29	28		6123	6187	6249	6184		270	266	316	330
3529 Other chemical products		47	41	44	46		7166	6860	6881	6998		426	426	446	472
353 Petroleum refineries		7	7	7	7		6403	6398	6303	6148		561	696	629	619

354 Misc. petroleum and coal products		17	19	19	19		1818	1842	1846	1638		108	114	117	103
355 Rubber products		28	31	32	37		6613	6337	4934	4766		289	286	277	286
3551 Tyres and tubes		...	...	...	...		...	...	...	...		...	...	...	...
3559 Other rubber products		...	...	...	...		...	...	...	...		...	...	...	...
356 Plastic products		278	299	313	319		26642	26797	27601	26633		1236	1366	1463	1469
351 Pottery, china, earthenware		80	81	78	71		6314	6227	6006	6746		287	308	306	304
352 Glass and products		26	23	26	28		6162	6684	6697	6963		324	337	341	372
359 Other non-metallic mineral products		193	196	204	203		16776	16893	17033	16107		839	903	962	924
3591 Structural clay products		...	...	...	...		...	...	...	...		...	...	...	...
3592 Cement, lime and plaster		...	...	...	...		...	...	...	...		...	...	...	...
3599 Other non-metallic mineral products		...	...	...	...		...	...	...	...		...	...	...	...
371 Iron and steel	e/	99	98	101	106	e/	33428	32997	31976	28762	e/	1966	1963	2028	1893
372 Non-ferrous metals	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
381 Fabricated metal products		881	969	1061	1060		64419	69258	69813	66462		3062	3399	3612	3461
3811 Cutlery, hand tools and general hardware		377	422	471	478		32846	34387	34468	32076		1642	1690	1760	1698
3812 Furniture and fixtures primarily of metal		61	66	72	76		6994	8174	6223	6702		270	290	310	286
3513 Structural metal products		443	479	608	509		26660	26697	29122	27684		1240	1419	1622	1478
3819 Other fabricated metal products		...	...	...	...		...	...	...	...		...	...	...	...
382 Non-electrical machinery		917	972	1006	1018		78623	80614	80616	76611		4016	4311	4682	4463
3821 Engines and turbines		62	62	66	62		6649	6699	6811	6178		344	368	383	379
3822 Agricultural machinery and equipment		74	79	81	87		6113	6102	6033	6040		244	266	263	260
3823 Metal and wood working machinery		83	90	90	87		4826	5007	6124	4178		261	271	291	247
3824 Other special industrial machinery		366	369	383	386		32619	32261	31222	30214		1864	1717	1789	1763
3825 Office, computing and accounting machinery	f/	363	382	396	407	f/	29617	31646	32426	30901	f/	1623	1700	1860	1804
3829 Other non-electrical machinery & equipment	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
383 Electrical machinery		338	368	393	369		112217	102623	99748	86192		6179	6067	6019	6421
3831 Electrical industrial machinery		66	68	61	66		7661	6226	6688	6116		397	464	602	479
3832 Radio, television and communication equip.	g/	283	310	332	294	g/	104666	94297	91160	78077	g/	6782	6613	6617	4942
3833 Electrical appliances and housewares	g/	...	...	...	...	g/	...	...	...	...	g/	...	...	...	...
3839 Other electrical apparatus and supplies	g/	...	...	...	...	g/	...	...	...	...	g/	...	...	...	...
384 Transport equipment		317	330	347	326		67140	66697	66678	49463		2968	3096	3269	2636
3841 Shipbuilding and repairing		141	140	160	143		14666	16179	16603	14013		783	666	669	616
3842 Railroad equipment		-	-	-	-		-	-	-	-		-	-	-	-
3843 Motor vehicles	n/	126	140	144	129	n/	38079	37283	36719	31116	n/	2006	2048	2164	1608
3844 Motorcycles and bicycles	n/	20	20	20	20	n/	2144	2233	2069	1992	n/	67	97	94	96
3846 Aircraft	n/	...	...	...	...	n/	...	...	...	...	n/	...	...	...	...
3849 Other transport equipment	n/	31	30	33	34	n/	2061	2002	2367	2333	n/	92	93	112	117
386 Professional and scientific equipment		98	96	98	103		7203	7321	7664	7842		333	341	404	418
3861 Prof. and scientific equipment n.e.c.		80	77	79	83		6662	6466	6142	6282		233	266	320	327
3862 Photographic and optical goods	i/	18	18	19	20	i/	1861	1866	1612	1660	i/	100	86	84	91
3863 Watches and clocks	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
390 Other manufacturing industries		63	64	66	63		2624	2682	2764	2910		110	119	132	161
3901 Jewellery and related articles		17	16	17	18		660	616	631	632		26	26	28	31
3902 Musical instruments	j/	36	38	41	46	j/	1974	1967	2123	2278	j/	64	93	104	120
3903 Sporting and athletic goods	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
3909 Manufacturing industries, n.e.c.	j/	...	...	...	...	j/	...	...	...	...	j/	...	...	...	...
3 Total manufacturing		6137	6472	6694	6671		780416	782343	773946	719648		41426	43618	46161	43429

a/ 3121 includes 3122.
c/ 3412 includes 3419.
e/ 371 includes 372.
g/ 3832 includes 3833 and 3839.
i/ 3862 includes 3863.

b/ 322 includes 3232.
d/ 3611 includes 3613.
f/ 3826 includes 3829.
h/ 3843 includes 3846.
j/ 3902 includes 3903 and 3909.

Netherlands

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of value added and salaries in value added	
		(million GUILDERS)					(million GUILDERS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		58359	60941	63114	63858		10992	11750	12061	12212	18.8	19.1	48.1	50.7
3111 Slaughtering, preparing & preserving meat		12449	13036	13594	12855		1481	1518	1570	1520	11.9	12.6	55.3	60.9
3112 Dairy products		12939	13230	13456	14473		2183	2166	2213	1946	18.7	13.4	49.7	60.1
3113 Canning, preserving of fruits & vegetables		2744	3040	2897	2580		697	798	708	888	25.4	26.7	44.6	43.3
3114 Canning, preserving and processing of fish		919	1085	1043	942		217	244	240	228	23.6	24.2	53.0	53.6
3115 Vegetable and animal oils and fats		4327	4231	4686	4671		628	646	646	658	14.6	14.1	39.8	43.3
3116 Grain mill products		1391	1479	1441	1448		212	237	218	225	15.2	15.6	40.6	40.9
3117 Bakery products		2849	3121	3338	3538		1116	1241	1345	1424	39.1	40.3	60.4	60.7
3118 Sugar factories and refineries		9448	10039	10405	10518		2539	2830	2931	3039	28.9	28.9	41.2	41.7
3119 Cocoa, chocolate and sugar confectionery		3368	3663	3820	4013		940	927	1008	1163	27.9	29.0	43.2	43.6
3121 Other food products	a/	7925	8017	8634	8822	a/	1000	1143	1184	1221	12.6	13.8	60.2	49.6
3122 Prepared animal feeds	a/	.....	.....	.....	.....	a/	.....	.....	.....	.....	.....	.....	.....	.....
313 Beverages		5671	6059	6366	6391		2732	2910	3181	3137	48.2	49.1	28.4	26.1
3131 Distilling, rectifying and blending spirits		666	713	725	804		306	340	336	385	46.8	47.9	24.6	22.1
3132 Wine industries		.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....
3133 Malt liquors and malt		3507	3745	3960	3926		1859	1934	2126	2042	63.3	62.0	30.3	28.6
3134 Soft drinks and carbonated waters		1498	1601	1681	1661		558	636	700	710	37.2	42.7	23.8	21.3
314 Tobacco		5635	5843	6229	6627		3366	3464	3784	3866	69.7	68.3	11.3	11.2
321 Textiles		5184	5137	5053	4976		1825	1821	1783	1766	35.2	35.6	52.1	57.2
3211 Spinning, weaving and finishing textiles		1965	1973	1871	1693		782	791	785	721	39.8	42.6	53.7	61.0
3212 Made-up textile goods excl. wearing apparel		438	498	494	508		164	187	186	198	37.4	39.0	54.3	60.1
3213 Knitting mills		502	520	481	525		190	196	176	187	37.8	35.6	57.9	61.6
3214 Carpets and rugs		2279	2146	2207	2260		689	648	636	660	30.2	29.3	48.0	51.1
3215 Cordage, rope and twine		.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....
3219 Other textiles		.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....
322 Wearing apparel, except footwear	b/	1314	1319	1264	1221	b/	426	420	392	378	32.4	31.0	62.4	66.3
323 Leather and fur products	b/	486	480	429	420	b/	127	146	127	113	26.1	26.9	59.1	63.7
3231 Tanneries and leather finishing		323	287	244	240		81	70	54	46	18.9	19.2	54.1	65.2
3232 Fur dressing and dyeing industries	b/	.....	.....	.....	.....	b/	.....	.....	.....	.....	.....	.....	.....	.....
3233 Leather prods. excl. wearing apparel		163	193	185	180		66	76	73	67	40.6	37.2	63.6	62.7
324 Footwear, except rubber or plastic		315	315	290	271		132	133	125	120	41.9	44.3	66.7	68.3
331 Wood products, except furniture		2544	2603	2770	2583		869	911	982	923	34.2	35.7	62.1	63.1
3311 Sawmills, planing and other wood mills		.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....
3312 Wooden and cane containers		.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....
3319 Other wood and cork products		.....	.....	.....	.....		.....	.....	.....	.....	.....	.....	.....	.....
332 Furniture and fixtures, excl. metal		1850	2007	2034	2060		659	738	786	771	36.6	37.4	62.1	64.9
341 Paper and products		8707	8625	8450	7509		2947	3116	2969	2816	33.8	37.5	43.4	52.3
3411 Pulp, paper and paperboard articles		3786	3623	3347	2712		1396	1459	1207	1034	36.8	38.1	31.1	49.1
3412 Containers of paper and paperboard	c/	4921	5002	5103	4797	c/	1652	1657	1762	1782	31.5	37.1	54.8	54.2
3419 Other pulp, paper and paperboard articles	c/	.....	.....	.....	.....	c/	.....	.....	.....	.....	.....	.....	.....	.....
342 Printing and publishing		14919	15712	15974	15051		5858	6246	6629	6762	39.3	44.9	66.2	66.3
351 Industrial chemicals		34206	31050	28324	23553		10182	8473	7627	6398	29.8	27.2	39.1	64.3
3511 Basic chemicals excl. fertilizers	d/	31277	28207	25802	21475	d/	9350	7617	6927	5863	29.9	27.3	38.8	64.6
3512 Fertilizers and pesticides		2929	2843	2522	2078		832	856	600	535	28.4	26.7	42.6	61.0
3513 Synthetic resins and plastic materials	d/	.....	.....	.....	.....	d/	.....	.....	.....	.....	.....	.....	.....	.....
352 Other chemicals		11474	12104	12828	13211		3361	3634	3876	4530	29.3	34.3	56.0	48.7
3521 Paints, varnishes and lacquers		2187	2236	2429	2340		712	744	818	874	32.6	37.4	56.9	54.0
3522 Drugs and medicines		4280	4962	5312	5417		1243	1414	1516	1871	29.0	34.6	67.8	49.9
3523 Soap, cleaning preps., perfumes, cosmetics		1838	1912	1986	2039		489	479	520	616	26.6	30.2	56.2	53.7
3529 Other chemical products		3169	3004	3101	3415		917	997	1026	1170	28.9	34.3	46.3	40.3
353 Petroleum refineries		20658	19964	16866	18746		1994	2330	1496	1647	9.7	8.8	28.1	31.6

354 Misc petroleum and coal products		804	817	825	690		239	226	242	207	29.7	30.0	45.2	49.8
355 Rubber products		1206	1190	1114	1057		518	520	503	486	43.0	43.1	56.8	62.7
3551 Tyres and tubes		...	...	...	...		...	...	...	...	...	...	...	...
3559 Other rubber products		...	...	...	...		...	...	...	...	...	...	...	...
356 Plastic products		7196	7551	7608	7187		2376	2532	2614	2538	33.0	35.3	62.0	67.6
361 Pottery, china, earthenware		1068	1107	1156	1184		553	578	512	640	51.8	54.1	61.9	47.6
362 Glass and products		1459	1450	1451	1459		652	666	658	683	44.7	45.8	49.7	54.5
369 Other non-metallic mineral products		4668	4780	4984	4813		1850	1890	1966	1977	39.6	41.1	45.4	46.7
3691 Structural clay products		...	...	...	...		...	...	...	...	...	...	...	...
3692 Cement, lime and plaster		...	...	...	...		...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products		...	...	...	...		...	...	...	...	...	...	...	...
371 Iron and steel	e/	10481	9392	9181	8556	e/	3839	3506	3256	3212	36.6	37.1	50.9	58.9
372 Non-ferrous metals	e/	...	...	...	...	e/	...	...	...	...	...	...	...	...
381 Fabricated metal products		14863	16075	16340	14472		5287	5904	5986	5486	35.5	37.9	57.7	63.1
3811 Cutlery, hand tools and general hardware		7192	7871	7832	7033		2842	3073	3081	2889	39.5	41.1	54.3	58.8
3812 Furniture and fixtures primarily of metal		1258	1214	1200	1147		525	486	489	464	41.7	40.5	51.4	51.4
3813 Structural metal products		6413	7191	7308	6292		1920	2345	2415	2132	29.9	31.9	64.6	69.3
3819 Other fabricated metal products		...	...	...	...		...	...	...	...	...	...	...	...
382 Non-electrical machinery		17309	18607	18965	18025		6467	6799	7238	6798	37.4	37.7	62.1	65.6
3821 Engines and turbines		1432	1815	1725	1939		516	531	584	569	36.0	29.3	66.8	66.6
3822 Agricultural machinery and equipment		1220	1087	1171	1103		398	376	422	403	32.8	36.5	61.3	64.6
3823 Metal and wood working machinery		827	829	893	720		432	445	439	378	62.2	52.5	68.1	65.3
3824 Other special industrial machinery		6973	6964	6794	6554		2647	2664	2645	2532	38.0	40.2	62.5	67.0
3825 Office, computing and accounting machinery	f/	6857	7912	8382	7709	f/	2476	2783	3147	2916	36.1	36.5	61.5	64.1
3829 Other non-electrical machinery & equipment	f/	...	...	...	...	f/	...	...	...	...	...	...	...	...
383 Electrical machinery		30065	29662	29759	22332		9626	9068	9779	9302	32.0	41.7	64.2	58.3
3831 Electrical industrial machinery		1600	1920	1961	1949		856	774	857	782	42.8	40.1	68.0	61.3
3832 Radio, television and communication equipm.	g/	28465	27742	27798	20383	g/	8941	8284	8922	8520	31.4	41.8	64.7	58.0
3833 Electrical appliances and housewares	g/	...	...	...	...	g/	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	g/	...	...	...	...	g/	...	...	...	...	...	...	...	...
384 Transport equipment		17841	18094	18917	14793		4487	4543	4739	3876	25.1	26.2	66.1	73.2
3841 Shipbuilding and repairing		4066	4009	4206	3598		1100	1137	1199	1112	27.1	30.9	71.2	73.3
3842 Railroad equipment		...	...	...	...		...	...	...	...	...	...	...	...
3843 Motor vehicles	h/	12743	12979	13568	10112	h/	3061	3059	3177	2392	24.0	23.7	65.5	75.6
3844 Motorcycles and bicycles	h/	574	629	596	568	h/	164	181	173	163	28.6	28.7	53.0	58.9
3845 Aircraft	h/	...	...	...	...	h/	...	...	...	...	...	...	...	...
3849 Other transport equipment	h/	458	477	547	515	h/	162	166	190	208	35.4	40.4	56.8	56.3
385 Professional and scientific equipment		1115	1197	1496	1593		561	570	686	737	60.3	46.3	59.4	66.7
3851 Prof and scientific equipment n.e.c.		776	812	1071	1119		372	400	502	525	47.9	46.9	62.6	62.3
3852 Photographic and optical goods	l/	339	386	426	474	l/	189	170	184	212	55.8	44.7	52.9	42.9
3853 Watches and clocks	l/	...	...	...	...	l/	...	...	...	...	...	...	...	...
390 Other manufacturing industries		529	547	589	696		202	204	225	286	38.2	41.1	64.5	62.8
3901 Jewellery and related articles	j/	79	80	81	89	j/	35	35	39	44	44.3	49.4	74.3	70.5
3902 Musical instruments	j/	450	467	508	607	j/	167	169	186	242	37.1	39.9	60.3	49.6
3903 Sporting and athletic goods	j/	...	...	...	...	j/	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	j/	...	...	...	...	j/	...	...	...	...	...	...	...	...
3 Total manufacturing		279925	282919	282366	263434		82126	83077	84194	81624	29.3	31.0	50.4	63.2

a/ 3121 includes 3122.
c/ 3412 includes 3419.
e/ 371 includes 372.
g/ 3832 includes 3833 and 3839.
l/ 3852 includes 3853.

b/ 322 includes 3232.
d/ 3511 includes 3513.
f/ 3825 includes 3829.
h/ 3843 includes 3845.
j/ 3902 includes 3903 and 3909.

Netherlands

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(million GULDERS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		2108	2208	2350	2551		104	110	110	113	118	122	124	125	123	
313 Beverages		470	506	559	383		103	110	108	102	109	124	137	135	129	
314 Tobacco		129	217	311	249		133	146	155	142	158	184	209	180	169	
321 Textiles		290	288	309	251		100	96	96	98	100	104	99	93	92	
322 Wearing apparel, except footwear	a/	65	47	43	41		82	81	73	85	84	103	103	95	95	
323 Leather and fur products	a/	...	...	...	...	b/	102	96	89	84	72	71	89	64	62
324 Footwear, except rubber or plastic		21	25	15	5	b/c/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		154	179	144	132	d/	76	78	82	89	90	90	91	92	92	
332 Furniture and fixtures, excl. metal		165	148	107	114	d/	...	...	...	...	...	...	...	...	...
341 Paper and products		632	916	681	493		121	125	127	138	145	149	147	150	147	
342 Printing and publishing		1218	1080	1124	950	e/	96	98	102	107	111	114	117	115	113	
351 Industrial chemicals		3049	2566	2383	1687	f/	142	142	143	155	160	163	168	167	164	
352 Other chemicals		723	1196	952	684	f/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		867	483	551	745	g/	87	108	107	119	113	125	124	124	137	
354 Misc. petroleum and coal products	g/	...	...	...	...	g/	...	...	...	...	...	...	...	...	...
355 Rubber products		80	57	51	50	c/	143	160	164	169	166	194	196	196	189	
356 Plastic products		609	639	602	715	f/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		154	112	77	83	h/	96	101	102	108	111	113	109	110	106	
362 Glass and products		173	89	134	88	h/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		518	431	335	406	h/	...	...	...	...	...	...	...	...	...
371 Iron and steel		530 i/	744 i/	554 i/	227	i/	110	108	99	108	114	107	109	110	109	
372 Non-ferrous metals		... i/	... i/	... i/	102	i/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		994	899	884	709		101	101	103	109	116	121	124	125	119	
382 Non-electrical machinery		941	872	828	744		110	111	112	114	120	122	123	120	116	
383 Electrical machinery		1745	1179	1432	1182		120	122	125	121	124	136	134	133	132	
384 Transport equipment		638	669	612	350		100	96	97	97	112	116	117	117	103	
385 Professional and scientific equipment		71	73	69	79		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		40	41	45	156		...	...	...	...	...	...	...	...	...
3 Total manufacturing		16684	15644	15070	13178		109	112	113	117	122	127	127	126	123	

a/ 322 includes 323.

c/ 324 includes vulcanized or moulded rubber and plastic footwear.

e/ Printing only.

g/ 353 includes 354.

i/ 371 includes 372.

b/ 323 includes 324.

d/ 331 includes 332.

f/ 361 includes 362 and 366.

h/ 361 includes 362 and 369.

NETHERLANDS ANTILLES

Supplier of information:
Central Bureau of Statistics, Willemstad.

Basic source of data:
National Accounts Survey, Business Census, 1993; and for the number of establishments, Establishment Census, March 1993.

Major deviations from current version of ISIC:
Data do not include petroleum refineries.

Reference period (if not calendar year):
Calendar year or fiscal year.

Scope:
All establishments.

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.

Adjusted for non-response:
Yes.

Concepts and definitions of variables:
Output is gross output.
Value added is total value added.

Related national publications:
1991 National Accounts; Bedrijventelling 1993, Nederlandse Antillen; both published by the Central Bureau of Statistics, Willemstad.

Netherlands Antilles

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees					
	Note	(numbers)			Note	(numbers)			Note	(thousand GUILDERS)				
		1930	1991	1992		1993	1990	1991		1992	1993	1990	1991	1992	1993
311/2 Food Products		66	...	...	...	802		...	...	...	12258
313 Beverages		8	...	...	...	344		...	...	...	12198
314 Tobacco		1	...	...	...	16		...	...	...	312
321 Textiles		10	...	...	...	33		...	...	...	454
322 Wearing apparel, except footwear		29	...	...	...	155		...	...	...	1426
323 Leather and fur products		-	-		-
324 Footwear, except rubber or plastic		16	...	...	...	22		...	...	...	303
331 Wood products, except furniture		34	...	...	...	124		...	...	...	1481
332 Furniture and fixtures, excl. metal		22	...	...	...	174		...	...	...	3086
341 Paper and products		5	...	...	...	179		...	...	...	3927
342 Printing and publishing		52	...	...	...	454		...	...	...	11279
351 Industrial chemicals		1	...	...	...	17		...	...	...	725
352 Other chemicals		7	...	...	...	201		...	...	...	3171
353 Petroleum refineries		-	-		-
354 Misc. petroleum and coal products		-	-		-
355 Rubber products		-	-		-
356 Plastic products		6	...	...	...	56		...	...	...	660
361 Pottery, china, earthenware		-	-		-
362 Glass and products		-	-		-
369 Other non-metallic mineral products		25	...	...	...	70		...	...	...	738
371 Iron and steel		-	-		-
372 Non-ferrous metals		2	...	...	...	-		...	...	...	-
381 Fabricated metal products		60	...	...	...	1314		...	...	...	43394
382 Non-electrical machinery		8	...	...	...	115		...	...	...	2329
383 Electrical machinery		7	...	...	...	40		...	...	...	818
384 Transport equipment		13	...	...	...	888		...	...	...	27875
385 Professional and scientific equipment		10	...	...	...	8		...	...	...	205
390 Other manufacturing industries		21	...	...	...	17		...	...	...	235
3 Total manufacturing		403	3772	4568	5047	5029		99007	116540	124508	126876

Netherlands Antilles

ISIC Industry	Output in producers' prices					Value added					Share of value added in output		Share of wages and salaries in value added		
	Note	(thousand GUILDERS)				Note	(thousand GUILDERS)				(percentage)		(percentage)		
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993	
311/2 Food Products	
313 Beverages	
314 Tobacco	
321 Textiles	
322 Wearing apparel, except footwear	
323 Leather and fur products	
324 Footwear, except rubber or plastic	
331 Wood products, except furniture	
332 Furniture and fixtures, excl. metal	
341 Paper and products	
342 Printing and publishing	
351 Industrial chemicals	
352 Other chemicals	
353 Petroleum refineries	
354 Misc. petroleum and coal products	
355 Rubber products	
356 Plastic products	
361 Pottery, china, earthenware	
362 Glass and products	
369 Other non-metallic mineral products	
371 Iron and steel	
372 Non-ferrous metals	
381 Fabricated metal products	
382 Non-electrical machinery	
383 Electrical machinery	
384 Transport equipment	
386 Professional and scientific equipment	
390 Other manufacturing industries	
3 Total manufacturing		487032	577195	659510	...		181030	218341	236020	...	37.2	...	64.7	...	...

Netherlands Antilles

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand GUILDERS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 Wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 Wood products, except furniture		
332 Furniture and fixtures, excl. metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries		
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		26993	42267	47730	...		...	...	...	...	...	...	...	...	...

NEW ZEALAND

Supplier of information:

Department of Statistics, Wellington.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual enterprise survey, the 5-yearly economy wide census and the annual business directory update.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Fiscal year beginning 1 April of the year indicated.

Scope:

All establishments.

For number of employees, the reference unit is the establishment, for all other variables, it is the accounting unit.

Method of enumeration:

Sampling methods are used for some variables.

Adjusted for non-response:

No adjustments.

Concepts and definitions of variables:

Number of employees is the number of full-time equivalent employees at the end of February of the following year.

Wages and salaries covers all amounts paid to employees, including accident compensation payments.

Output includes a) sales of goods and services produced, including goods shipped in the same condition as received (resales), b) direct government grants and subsidies, excluding those of a capital nature and tax credits/rebates, c) interest, dividends, royalties, patent fees and insurance claims received, and d) other income, except proceeds from sales of capital assets, exchange gains and extraordinary items.

Value added is the value of output and subsidies received, less the cost of labour and materials used and capital assets used up in producing that output.

Gross fixed capital formation refers to net-paid capital formation.

Related national publications:

Census Bulletins (e.g. Manufacturing Series A, B, and C) and Final Report; Annual Enterprise Survey Reports; Annual New Zealand Business Pattern Reports; Economy Wide Census Reports; Monthly Abstract of Statistics, all published by the Department of Statistics, Wellington.

New Zealand

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million DOLLARS)			
		1989	1990a/	1991a/	1992a/		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		1896	1565	1658	1676	59637	56464	56044	57611		1621.1	1709.0	1851.0b/		
3111 Slaughtering, preparing & preserving meat		330	338	339		28855	26539	26526			734.6	867.0	802.0		
3112 Dairy products		144	147	144		7932	7679	7641			233.4				
3113 Canning, preserving of fruits & vegetables		85	88	95		3882	3885	3476							
3114 Canning, preserving and processing of fish		143	156	171		3780	3929	4343							
3115 Vegetable and animal oils and fats		42	38	32		350	347	340							
3116 Grain mill products		28	27	27		832	911	932							
3117 Bakery products		802	799	846		7990	8072	7950							
3118 Sugar factories and refineries		3	3	3		251	243	233							
3119 Cocoa, chocolate and sugar confectionery		65	61	68		1686	1649	1486							
3121 Other food products		164	182	206		3334	3306	3434							
3122 Prepared animal feeds		90	92	87		886	830	818							
313 Beverages		143	128	128	147	3039	2960	1897	3116		127.8c/	141.4c/	b/		
3131 Distilling, rectifying and blending spirits		11	10	9		132	106	99							
3132 Wine industries		85	96	91		768	898	734							
3133 Malt liquors and malt		23	26	30		1669	1743	1463							
3134 Soft drinks and carbonated waters		24	24	26		470	376	393							
314 Tobacco		9	4	4	3	657	646	557	481		c/	c/	b/		
321 Textiles		817	734	760	786	11680	10380	9461	9659		246.1	241.0	236.0		
3211 Spinning, weaving and finishing textiles		152	139	136		3365	2846	2809							
3212 Made-up textile goods excl. wearing apparel		388	381	387		2404	2074	2080							
3213 Knitting mills		149	135	137	129	3652	2804	2427	2001						
3214 Carpets and rugs		40	44	46		1642	1372	1166							
3215 Cordage, rope and twine		21	19	23		370	304	344							
3219 Other textiles		67	76	88		247	249	276							
322 Wearing apparel, except footwear		1157	1967	2081	2196	13900	15176	13937	13978		349.4d/	326.0d/	317.0d/		
323 Leather and fur products		213	191	186	192	2477	2061	2214	2276		d/	d/	d/		
3231 Tanneries and leather finishing		40	40	43		1252	1151	1397							
3232 Fur dressing and dyeing industries		46	48	40		667	802	830							
3233 Leather prods excl. wearing apparel		127	129	127		558	479	474							
324 Footwear, except rubber or plastic		109	87	76	72	2296	1858	1366	1418		d/	d/	d/		
331 Wood products, except furniture		1659	1551	1562	1636	13069	12459	12313	13399		460.4e/	469.6e/	449.0e/		
3311 Sawmills, planing and other wood mills		1364	1452	1453		11894	11630	11479							
3312 Wooden and cane containers		79	69	66		682	661	446							
3319 Other wood and cork products		216	211	206		593	502	499							
332 Furniture and fixtures, excl. metal		1321	1317	1356	1407	6090	5281	5019	6157		e/	e/	e/		
341 Paper and products		172	118	119	114	8558	9493	8894	8635		348.7	406.0	398.0		
3411 Pulp, paper and paperboard articles		30	15	13	16	4424	5019	4609	4016		220.7	268.9			
3412 Containers of paper and paperboard		72	77	78		2612	3112	3066			91.9				
3419 Other pulp, paper and paperboard articles		70	65	66		1622	1662	1429			36.1				
342 Printing and publishing		1334	1653	1731	1836	16630	17920	17223	17698		626.1	666.0	614.0		
351 Industrial chemicals		211	139	146	149	4100	4428	4428	4371		166.8	166.0	163.0		
3511 Basic chemicals excl. fertilizers		47	35	37	36	470	1090	1236	1002		32.6	34.0	37.0		
3512 Fertilizers and pesticides		70	40	46	46	1193	1176	1162	1140		42.9	46.0	42.0		
3513 Synthetic resins and plastic materials		94	64	63	68	2437	2162	2040	2230		80.3	79.0	83.0		
352 Other chemicals		338	234	241	244	6004	6366	5694	6176		177.3	191.0	202.0		
3521 Paints, varnishes and lacquers		64	42	40	39	913	686	934	1682						
3522 Drugs and medicines		53	40	50	54	1394	1166	1183	1380						
3523 Soap, cleaning prepns, perfumes, cosmetics		115	90	89	88	2390	2344	2484	2262						
3529 Other chemical products		106	62	62	63	1307	1160	1024	971						
353 Petroleum refineries		16	7	7	4	838	750	760	667		39.0	41.7	114.0f/		

354 Misc petroleum and coal products	34	21	19	23	331	197	179	225	8.7	6.3	f/
355 Rubber products	123	84	95	92	2182	1938	1779	1864	71.9	69.9	f/
3551 Tyres and tubes	42	47	45	...	1181	1166	1023	...	43.5	...	...
3559 Other rubber products	81	76	83	...	1001	806	689	...	28.4	...	...
356 Plastic products	448	406	426	386	7535	6439	6402	6295	194.0	189.0	195.0
361 Pottery, china, earthenware	202	193	203	211	302	269	319	356	191.2g/	199.0g/	170.0g/
362 Glass and products	177	156	182	188	1180	1136	1026	1177	g/	g/	g/
369 Other non-metallic mineral products	485	313	287	300	4680	4219	4070	4184	g/	g/	g/
3691 Structural clay products	23	25	20	...	198	186	160	...	...	...	...
3692 Cement, lime and plaster	17	16	13	...	446	455	430	...	...	...	...
3699 Other non-metallic mineral products	446	440	430	...	4036	3258	3045	...	...	...	...
371 Iron and steel	96	73	68	70	3774	3296	2881	3003	256.7h/	262.2h/	261.0h/
372 Non-ferrous metals	104	84	94	96	3229	3334	3000	3326	h/	h/	h/
381 Fabricated metal products	2565	2316	2362	2422	19330	17044	15973	16066	606.6	603.0	440.0
3811 Cutlery, hand tools and general hardware	543	528	522	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	117	126	130	...	1455	1414	1233	...	...	...	...
3813 Structural metal products	1164	1016	1026	1066	10055	8466	7964	7674	...	...	...
3819 Other fabricated metal products	741	783	839	...	3551	3444	3434	...	...	...	...
382 Non-electrical machinery	2906	2757	2837	2799	13920	11784	11239	11456	333.2	356.0	334.0
3821 Engines and turbines	291	267	269	274	1125	952	879	792	...	...	...
3822 Agricultural machinery and equipment	371	356	349	374	1661	1462	1309	1639	...	...	...
3823 Metal and wood working machinery	250	237	230	240	1149	1171	1128	1127	...	...	...
3824 Other special industrial machinery	1848	1770	1832	1761	7660	7386	7386	7678	...	...	...
3825 Office, computing and accounting machinery	146	127	157	150	619	539	538	421	...	...	...
3829 Other non-electrical machinery & equipment	146	127	157	150	619	539	538	421	...	...	...
383 Electrical machinery	674	607	615	595	10407	10586	9353	9625	266.7	260.0	264.0
3831 Electrical industrial machinery	276	275	279	253	2540	2417	2181	2197	...	...	...
3832 Radio, television and communication equipm	210	182	187	186	2439	2329	1842	1784	...	...	...
3833 Electrical appliances and housewares	52	37	35	32	3107	3457	3321	3618	...	...	...
3839 Other electrical apparatus and supplies	136	113	114	124	2321	2384	2011	2026	...	...	...
384 Transport equipment	1103	933	932	958	18979	7675	6540	6642	369.1	375.0	324.0
3841 Shipbuilding and repairing	581	556	544	532	3123	1656	1717	1702	...	...	...
3842 Railroad equipment	82	65	54	...	3198	2657	2260	...	...	...	...
3843 Motor vehicles	312	276	288	321	6680	5256	4015	4203	...	...	...
3844 Motorcycles and bicycles	12	10	8	8	80	42	35	35	...	...	...
3845 Aircraft	98	71	75	82	2652	541	595	515	...	...	...
3849 Other transport equipment	28	18	17	15	269	162	179	88	...	...	...
385 Professional and scientific equipment	103	86	84	84	1197	852	890	1051	24.6	20.0	13.0
3851 Prof. and scientific equipment n e c	71	60	60	59	870	541	518	644	...	...	...
3852 Photographic and optical goods	32	26	24	25	327	313	272	207	...	...	...
3853 watches and clocks	-	-	-	-	-	-	-	-	...	...	...
390 Other manufacturing industries	840	880	954	1020	3279	2927	2736	2664	71.8	68.0	59.0
3901 Jewellery and related articles	249	254	255	264	620	664	634	612	...	...	...
3902 Musical instruments	14	14	13	...	15	19	18	...	...	...	...
3903 Sporting and athletic goods	122	124	130	...	295	271	280	...	...	...	...
3909 Manufacturing industries, n e c	455	510	583	...	2349	2015	1983	...	...	...	...
3 Total manufacturing	19245	18603	19192	19704	236200	218925	206084	212324	6234.2	6578.1	6305.0

a/ Data refer to number of enterprises
c/ 313 includes 314
e/ 331 includes 332
g/ 361 includes 362 and 369
i/ 3824 includes 3829

b/ 311/2 includes 313 and 314
d/ 322 includes 323 and 324
f/ 353 includes 354 and 355
h/ 371 includes 372

New Zealand

ISIC Industry	Note	Output				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million DOLLARS)					(million DOLLARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		11284.2	12590.0	...	...	2641.2	2808.0	...	...	23.4	...	67.6	...
3111 Slaughtering, preparing & preserving meat		3833.8	...	...	...	1023.6	...	...	...	26.7	...	71.8	...
3112 Dairy products		3568.7	...	...	...	648.6	...	...	...	16.4	...	42.5	...
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		1267.0a/	1375.0a/	...	...	402.0a/	1129.0a/	...	...	31.7	...	31.8	...
3131 Distilling, rectifying and blending spirits		
3132 Wine industries		
3133 Malt liquors and malt		
3134 Soft drinks and carbonated waters		
314 Tobacco		...a/	...a/	...	...	...a/	...a/	...	...	...	...	...	...
321 Textiles		1467.7	1228.0	...	...	400.5	389.0	...	...	27.3	...	61.4	...
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		1464.0b/	1493.0b/	...	...	532.0b/	498.0b/	...	...	36.3	...	66.7	...
323 Leather and fur products		...b/	...b/	...	...	...b/	...b/	...	...	...	...	...	...
3231 Tanneries and leather finishing		
3232 Fur dressing and dyeing industries		
3233 Leather prod., excl. wearing apparel		
324 Footwear, except rubber or plastic		...b/	...b/	...	...	...b/	...b/	...	...	...	...	...	...
331 Wood products, except furniture		2312.0c/	2341.0c/	...	...	780.0c/	782.0c/	...	...	32.9	...	59.3	...
3311 Sawmills, planing and other wood mills		
3312 Wooden and cane containers		
3319 Other wood and cork products		
332 Furniture and fixtures, excl. metal		...c/	...c/	...	...	...c/	...c/	...	...	...	...	...	...
341 Paper and products		2514.3	2734.0	...	...	805.7	926.0	...	...	32.0	...	43.3	...
3411 Pulp, paper and paperboard articles		1589.3	1766.0	...	...	548.3	623.0	...	...	34.6	...	40.2	...
3412 Containers of paper and paperboard		580.7	...	...	...	184.3	...	...	...	31.7	...	49.9	...
3419 Other pulp, paper and paperboard articles		344.3	...	...	...	73.1	...	...	...	21.2	...	49.4	...
342 Printing and publishing		1991.3	1998.0	...	...	899.8	900.0	...	...	46.2	...	68.6	...
351 Industrial chemicals		1330.7	1322.0	...	...	375.5	417.0	...	...	28.2	...	41.6	...
3511 Basic chemicals excl. fertilizers		268.7	312.0	...	...	82.8	130.0	...	...	32.0	...	39.4	...
3512 Fertilizers and pesticides		533.3	508.0	...	...	125.8	126.0	...	...	23.6	...	34.1	...
3513 Synthetic resins and plastic materials		538.7	502.0	...	...	166.9	182.0	...	...	31.0	...	48.1	...
352 Other chemicals		1254.0	1331.0	...	...	316.1	384.0	...	...	26.2	...	66.1	...
3521 Paints, varnishes and lacquers		
3522 Drugs and medicines		
3523 Soap, cleaning prep., perfumes, cosmetics		
3529 Other chemical products		
353 Petroleum refineries		670.5	717.0	...	...	638.0	230.0	...	...	79.8	...	7.3	...

354 Misc petroleum and coal products	72.8	62.0	...	...	21.2	16.0	...	...	29.1	...	41.0	...
355 Rubber products	336.8	346.0	...	...	101.6	104.0	...	...	30.3	...	70.8	...
3551 Tyres and tubes	184.1	...	...	...	83.9	...	...	...	29.3	...	80.8	...
3559 Other rubber products	151.7	...	...	...	47.7	...	...	...	31.4	...	59.8	...
356 Plastic products	1114.4	1048.0	...	...	379.8	383.0	...	...	34.1	...	61.1	...
361 Pottery, china, earthenware	1136.0d/	1110.0d/	...	...	430.0d/	430.0d/	...	...	37.9	...	44.6	...
362 Glass and products	...d/	...d/	...	...	...d/	...d/	...	...	...	...	...	...
369 Other non-metallic mineral products	...d/	...d/	...	...	...d/	...d/	...	...	...	...	...	...
3691 Structural clay products	...	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	1478.0e/	1437.0e/	...	...	480.0e/	422.0e/	...	...	32.6	...	63.3	...
372 Non-ferrous metals	...e/	...e/	...	...	...e/	...e/	...	...	...	...	...	...
381 Fabricated metal products	2606.4	2459.0	...	...	882.3	804.0	...	...	33.9	...	67.4	...
3811 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...	...	...	...	...
3813 Structural metal products	...	...	...	...	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	1656.3	1590.0	...	...	573.0	569.0	...	...	34.6	...	68.2	...
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	1391.9	1416.0	...	...	437.2	436.0	...	...	31.4	...	60.9	...
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	2473.9	2111.0	...	...	589.0	540.0	...	...	23.8	...	62.7	...
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	128.3	129.0	...	...	40.6	40.0	...	...	31.6	...	60.6	...
3851 Prof. and scientific equipment n.e.c	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	394.3	418.0	...	...	144.9	144.0	...	...	36.7	...	49.6	...
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	38343.8	39261.0	...	...	11748.4	12289.0	...	...	30.6	...	63.1	...

a/ 313 includes 314
c/ 331 includes 332
e/ 371 includes 372

b/ 322 includes 323 and 324.
d/ 361 includes 362 and 369.

New Zealand

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million DOLLARS)					(1980=100)							
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		683.6	368.0	...	...	...	...	...	...	...	...	...	...	...
313 Beverages		42.8a/	44.0a/	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco		...a/	...a/	...	...	...	...	...	...	...	...	...	...	...
321 Textiles		37.6	22.0	...	...	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		24.8b/	31.0b/	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		...b/	...b/	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		...b/	...b/	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		86.6c/	70.0c/	...	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		...c/	...c/	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products		158.0	133.0	...	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		120.4	26.0	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		66.3	30.0	...	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		29.5	48.0	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		18.7	6.0	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		3.8	2.0	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products		6.5	8.0	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		46.1	80.0	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		61.8d/	68.0d/	...	...	...	...	...	...	...	...	...	...	...
362 Glass and products		...d/	...d/	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		...d/	...d/	...	...	120	124	122	110	101	96	81	83	...
371 Iron and steel		38.5e/	42.9e/	...	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		...e/	...e/	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		25.7	72.0	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		37.6	36.0	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		51.2	36.0	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		76.9	30.0	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		2.1	3.0	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		6.0	8.0	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		1613.0	1158.9	...	...	...	...	...	...	...	...	...	...	...

a/ 313 includes 314
c/ 331 includes 332
e/ 371 includes 372.

b/ 322 includes 323 and 324.
d/ 361 includes 362 and 369.

NIGERIA

Supplier of information:

Federal Office of Statistics, Lagos.

Basic source of data:

Annual survey of manufacturing industries.

Major deviations from current version of ISIC:

None reported.

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

Establishments with 10 or more persons engaged.

Method of enumeration:

The survey is carried out through personal interviews.

Adjusted for non-response:

No. The data cover only 390 of the 3,212 establishments surveyed.

Concepts and definitions of variables:

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

Related national publications:

Annual Abstract of Statistics, 1993 Edition; Federal Office of Statistics, Lagos.

Nigeria

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million NAIRAS)			
		1987	1988	1989a/	1990a/		1987	1988	1989a/	1990a/		1987	1988	1989a/	1990a/
311/2 Food Products		36	37	...	...	3025	3131	...	...	15	14		
3111 Slaughtering, preparing & preserving meat		-	-	-	-	-	-		
3112 Dairy products		1	1	...	...	614	474	...	...	7	6		
3113 Canning, preserving of fruits & vegetables		-	1	...	...	-	17	...	...	-	-
3114 Canning, preserving and processing of fish		-	-	-	-	-	-		
3115 Vegetable and animal oils and fats		3	3	...	...	162	160	...	...	1	1		
3116 Grain mill products		3	3	...	...	434	652	...	...	3	3		
3117 Bakery products		23	23	...	...	1642	1634	...	...	3	3		
3118 Sugar factories and refineries		-	-	-	-	-	-		
3119 Cocoa, chocolate and sugar confectionery		1	1	...	...	111	123	...	...	-	1		
3121 Other food products		5	5	...	...	162	171	...	...	1	-		
3122 Prepared animal feeds		-	-	-	-	-	-		
313 Beverages		15	18	...	...	6694	6676	...	...	62	76		
3131 Distilling, rectifying and blending spirits		1	1	...	...	15	15	...	...	-	-
3132 Wine industries		9	9	...	...	117	98	...	...	1	1		
3133 Malt liquors and malt		5	5	...	...	6662	6410	...	...	61	74		
3134 Soft drinks and carbonated waters		-	1	...	...	-	62	...	...	-	1		
314 Tobacco		-	-	-	-	-	-		
321 Textiles		15	14	...	...	921	920	...	...	6	6		
3211 Spinning, weaving and finishing textiles		10	10	...	...	629	486	...	...	3	3		
3212 Made-up textile goods excl. wearing apparel		2	2	...	...	236	234	...	...	2	2		
3213 Knitting mills		1	1	...	...	121	178	...	...	1	1		
3214 Carpets and rugs		1	1	...	...	21	23	...	...	-	-
3215 Cordage, rope and twine		-	-	-	-	-	-		
3219 Other textiles		1	-	...	...	12	-	...	...	-	-
322 Wearing apparel, except footwear		94	94	...	...	1464	1646	...	...	1	1		
323 Leather and fur products		6	6	...	...	490	499	...	...	3	3		
3231 Tanneries and leather finishing		1	1	...	...	66	66	...	...	-	-
3232 Fur dressing and dyeing industries		1	1	...	...	23	23	...	...	-	-
3233 Leather prod. excl. wearing apparel		4	4	...	...	401	410	...	...	2	2		
324 Footwear, except rubber or plastic		5	5	...	...	644	142	...	...	1	-		
331 Wood products, except furniture		24	24	...	...	1874	1769	...	...	10	11		
3311 Sawmills, planing and other wood mills		23	23	...	...	1871	1766	...	...	10	11		
3312 Wooden and cane containers		-	-	-	-	-	-		
3319 Other wood and cork products		1	1	...	...	3	3	...	...	-	-
332 Furniture and fixtures, excl. metal		58	58	...	...	1366	1325	...	...	3	4		
341 Paper and products		16	16	...	...	930	989	...	...	6	6		
3411 Pulp, paper and paperboard articles		1	1	...	...	1	1	...	...	-	-
3412 Containers of paper and paperboard		4	4	...	...	464	635	...	...	3	3		
3419 Other pulp, paper and paperboard articles		11	11	...	...	478	453	...	...	1	2		
342 Printing and publishing		20	20	...	...	1163	1061	...	...	7	8		
351 Industrial chemicals		-	-	-	-	-	-		
3511 Basic chemicals excl. fertilizers		-	-	-	-	-	-		
3512 Fertilizers and pesticides		-	-	-	-	-	-		
3513 Synthetic resins and plastic materials		-	-	-	-	-	-		
352 Other chemicals		10	10	...	...	728	745	...	...	6	6		
3521 Paints, varnishes and lacquers		6	6	...	...	317	346	...	...	2	3		
3522 Drugs and medicines		2	2	...	...	296	277	...	...	2	2		
3523 Soap, cleaning preps., perfumes, cosmetics		2	2	...	...	115	122	...	...	1	1		
3529 Other chemical products		-	-	-	-	-	-		
353 Petroleum refineries		1	1	...	...	44	46	...	...	-	-

Nigeria

ISIC-Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million NAIRAS)					(million NAIRAS)				(percentage)		(percentage)	
		1987	1988	1989a/	1990a/		1987	1988	1989a/	1990a/	1987	1990	1987	1990
310/2 Food Products				551	638				266	290	45.4		4.9	
3111 Slaughtering, preparing & preserving meat				-	-				-	-				
3112 Dairy products				193	243				2	15	6.3		38.4	
3113 Canning, preserving of fruits & vegetables				-	-				-	-				
3114 Canning, preserving and processing of fish				-	-				-	-				
3115 Vegetable and animal oils and fats				12	11				12	11	97.6		10.1	
3116 Grain mill products				89	110				53	61	47.0		6.3	
3117 Bakery products				237	261				192	204	81.5		1.6	
3118 Sugar factories and refineries				-	-				-	-				
3119 Cocoa, chocolates and sugar confectionery				11	14				7	10	67.4		6.3	
3121 Other food products				9	9				1	-2				
3122 Prepared animal feeds				-	-				-	-				
313 Beverages				1788	2261				1727	1888	83.9		4.0	
3131 Distilling, rectifying and blending spirits				-	-				-	-1				
3132 Wine industries				1	1				1	1	99.3		71.6	
3133 Malt liquors and malt				1786	2230				1726	1870	83.9		4.0	
3134 Soft drinks and carbonated waters				-	20				-	17	86.9		6.6	
314 Tobacco				-	-				-	-				
321 Textiles				84	91				-51	-41				
3211 Spinning, weaving and finishing textiles				69	64				-62	-47				
3212 Made-up textile goods excl. wearing apparel				11	17				-	2	14.8		90.5	
3213 Knitting mills				5	8				1	2	19.0		70.8	
3214 Carpets and rugs				-	2				-	2	80.9		1.0	
3215 Cordage, rope and twine				-	-				-	-				
3219 Other textiles				-	-				-	-				
322 Wearing apparel, except footwear				6	10				4	8	76.6		18.6	
323 Leather and fur products				11	8				-20	-21				
3231 Tanneries and leather finishing				-	-				-	-	43.3			
3232 Fur dressing and dyeing industries				-	-				-	-	66.0		24.2	
3233 Leather prods. excl. wearing apparel				11	8				-21	-22				
324 Footwear, except rubber or plastic				-	1				-3	-	41.3			
331 Wood products, except furniture				26	8				-46	-98				
3311 Sawmills, planing and other wood mills				28	6				-46	-98				
3312 Wooden and cane containers				-	-				-	-				
3319 Other wood and cork products				-	-				-	-				
332 Furniture and fixtures, excl. metal				32	44				9	18	35.2		23.3	
341 Paper and products				122	161				4	6	3.8		88.3	
3411 Pulp, paper and paperboard articles				-	-				-	-	97.2		8.6	
3412 Containers of paper and paperboard				73	94				-4	-5				
3419 Other pulp, paper and paperboard articles				49	57				8	11	19.4		16.5	
342 Printing and publishing				27	49				6	21	43.7		37.4	
351 Industrial chemicals				-	-				-	-				
3511 Basic chemicals excl. fertilizers				-	-				-	-				
3512 Fertilizers and pesticides				-	-				-	-				
3513 Synthetic resins and plastic materials				-	-				-	-				
352 Other chemicals				44	61				-9	-6				
3521 Paints, varnishes and lacquers				29	57				7	10	17.5		26.4	
3522 Drugs and medicines				14	24				-	6	18.6		53.6	
3523 Soap, cleaning preps, perfumes, cosmetics				-	-				-10	-20				
3529 Other chemical products				-	-				-	-				
353 Petroleum refineries				-	-				-	-				

354 Misc. petroleum and coal products									
355 Rubber products		23	635			13	620	97.5	6.7
3551 Tyres and tubes		2	607			1	604	99.6	6.6
3559 Other rubber products		21	29			12	16	53.1	12.4
356 Plastic products		47	55			20	20	36.7	19.0
361 Pottery, china, earthenware		-	-			-	-	55.2	78.5
362 Glass and products		53	96			24	52	54.1	39.4
369 Other non-metallic mineral products		46	25			40	17	69.8	25.5
3691 Structural clay products		2	3			-	-		
3692 Cement, lime and plaster		-	-			-	-		
3699 Other non-metallic mineral products		44	22			40	18	79.7	23.6
371 Iron and steel		1	16			1	14	90.4	8.3
372 Non-ferrous metals		-	-			-	-	55.2	24.7
381 Fabricated metal products		104	155			25	24	15.2	52.1
3811 Cutlery, hand tools and general hardware		8	13			2	9	69.9	9.6
3812 Furniture and fixtures primarily of metal		20	29			7	6	21.7	31.5
3813 Structural metal products		2	12			-1	-2		
3819 Other fabricated metal products		74	101			18	10	9.7	91.1
382 Non-electrical machinery		3	12			-8	3	24.9	55.6
3821 Engines and turbines		-	-			-	-		
3822 Agricultural machinery and equipment		2	10			-9	2	23.2	58.3
3823 Metal and wood working machinery		-	-			-	-		
3824 Other special industrial machinery		-	-			-	-		
3825 Office, computing and accounting machinery		-	-			-	-		
3829 Other non-electrical machinery & equipment		1	1			-	1	38.7	43.3
383 Electrical machinery		19	8			13	-35		
3831 Electrical industrial machinery		-	-			-	-	75.7	
3832 Radio, television and communication equipa		2	4			-	-	8.1	57.5
3833 Electrical appliances and housewares		18	4			13	-35		
3839 Other electrical apparatus and supplies		-	-			-	-		
384 Transport equipment		3	3			3	3	99.9	76.9
3841 Shipbuilding and repairing		-	-			-	-		
3842 Railroad equipment		-	-			-	-		
3843 Motor vehicles		-	-			-	-	98.6	
3844 Motorcycles and bicycles		-	-			-	-		
3845 Aircraft		-	-			-	-		
3849 Other transport equipment		3	3			3	3		5.9
385 Professional and scientific equipment		-	-			-	-		
3851 Prof. and scientific equipment n.e.c.		-	-			-	-		
3852 Photographic and optical goods		-	-			-	-		
3853 Watches and clocks		-	-			-	-		
390 Other manufacturing industries		7	4			1	-3		
3901 Jewellery and related articles		-	-			-	-		
3902 Musical instruments		-	-			-	-		
3903 Sporting and athletic goods		-	-			-	-		
3909 Manufacturing industries, n.e.c.		7	4			1	-2		
3 Total manufacturing		3000	4339			2017	2777	64.0	8.1

a/ Data cover only 12% of the surveyed establishments.

Nigeria

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million NAIRAS)				Note	(1980=100)									
		1987	1988	1989a/	1990a/		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		12	34		...	...	...	...	...	...	...	...
313 Beverages		30	76		109	138	91	122	111	107	110	155	229	
314 Tobacco		-	-		82	80	66	78	84	94	85	78	86	
321 Textiles		-	2		...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		-	-		
323 Leather and fur products		1	1		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		39	2		...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		4	6		...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		3	6		...	...	...	...	...	...	...	...	...
341 Paper and products		3	8		...	...	...	...	...	...	...	...	...
342 Printing and publishing		5	4		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		-	-		
352 Other chemicals		14	9		...	...	...	...	...	...	...	...	...
353 Petroleum refineries		-	-		
354 Misc. petroleum and coal products		-	-		
355 Rubber products		34	65		...	...	...	...	...	...	...	...	...
356 Plastic products		3	7		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		-	-		
362 Glass and products		4	10		...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		9	9		175	189	161	210	221	166	179	176	170	
371 Iron and steel		1	-		...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		-	-		
381 Fabricated metal products		12	4		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		2	1		...	...	...	...	...	...	...	...	...
383 Electrical machinery		19	1		...	...	...	...	...	...	...	...	...
384 Transport equipment		-	-		
385 Professional and scientific equipment		-	-		
390 Other manufacturing industries		3	-		...	...	...	...	...	...	...	...	...
3 Total manufacturing		198	245		...	...	...	...	...	...	...	...	...

a/ Data cover only 12% of the surveyed establishments.

NORWAY

Supplier of information:

Statistisk sentralbyrå (Statistics Norway), Oslo.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual inquiry.

Major deviations from current version of ISIC:

None reported.

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

Through 1991 all establishments with 5 or more persons engaged with the exception of a few industrial groups where all establishments are covered, e.g., manufacture of dairy products, margarine, fish oils and fish meal, tobacco products, petroleum refining and manufacture of oil and gas well machinery and tools. Beginning 1992 establishments with 10 or more persons engaged are covered.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees is calculated as the average number of employees throughout the year, whether full- or part-time; homeworkers are not included.

Wages and salaries includes regular and overtime payments, bonuses, cost-of-living allowances, vacation and sick leave pay, allowances (e.g., travelling, clothing expenses) and payments in kind. Beginning 1992, wages and salaries includes supplements, through 1991 supplements are excluded. Supplements are social expenses levied by law.

Output refers to gross output and is valued in producers' prices, excluding all subsidies, and including all indirect taxes but VAT. Included is the value of all products, work done on own account, services rendered, fixed assets produced for own use, waste products and goods produced by homeworkers. Net changes in work in progress and stocks are allowed for.

Value added refers to census value added. The cost of materials, fuels and other supplies, contract and commission work done by others, repair and maintenance work done by others and electricity purchased are deducted from gross output. Cost of non-industrial services and receipts for non-industrial services are included. Input estimates are made on a consumed basis.

Gross fixed capital formation is the value of purchases of fixed assets plus own-account construction, less the value of sales. Fixed assets covered are those with a productive life of at least one year, and include new and used assets, those made by a unit's labour force for its own use, and additions, alterations and improvements to existing assets. Valuation is at full cost incurred, including the delivered price, the cost of installation, and the investment levy. Assets produced by the unit cover the cost of labour, materials and other supplies. The actual amount realized is taken for sales of used assets.

Related national publications:

Industristatistikk (annual), published by Statistics Norway, Oslo.

Norway

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million KRONER)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		1388	1372	1351	885	44800	43906	43580	39967		6784	7001	7394	8641	
3111 Slaughtering, preparing & preserving meat		222	215	219	155	10604	10495	10313	9938		1852	1757	1827	2209	
3112 Dairy products		155	151	140	122	6175	6034	5925	5709		1061	1084	1131	1386	
3113 Canning, preserving of fruits & vegetables		20	19	20	20	828	772	840	820		129	128	149	173	
3114 Canning, preserving and processing of fish		351	349	345	247	9811	9587	9506	9073		1217	1252	1400	1557	
3115 Vegetable and animal oils and fats		45	47	39	29	1573	1495	1335	1294		295	285	285	355	
3116 Grain mill products		48	49	44	18	919	879	932	707		172	172	179	172	
3117 Bakery products		389	378	374	199	7000	6821	6829	5119		921	900	962	971	
3118 Sugar factories and refineries		-	-	-	-	-	-	-	-		-	-	-	-	
3119 Cocoa, chocolate and sugar confectionery		5	5	4	4	2816	2713	2597	2491		437	455	455	547	
3121 Other food products		85	89	99	52	3599	3807	3819	3543		599	555	553	532	
3122 Prepared animal feeds		58	70	67	38	1385	1502	1482	1173		271	297	320	328	
313 Beverages		43	47a/	45a/	38a/	4600	5000a/	5000a/	4836a/	a/	1003	1018	1081	1338	
3131 Distilling, rectifying and blending spirits		6	8	6	3	380	75	75	61		72	17	16	-	
3132 Wine industries		-	-	-	-	-	-	-	-		-	-	-	-	
3133 Malt liquors and malt		15	15	16	15	3071	3133	3158	2975		-	-	-	842	
3134 Soft drinks and carbonated waters		22	22	21	18	1167	1130	1155	1175		211	225	241	305	
314 Tobacco		2	a/	a/	a/	600	a/	a/	a/	a/	-	-	-	-	
321 Textiles		206	203	191	129	6100	5747	5249	5053		797	834	802	947	
3211 Spinning, weaving and finishing textiles		35	36	33	27	1721	1609	1535	1498		234	243	245	245	
3212 Made-up textile goods excl wearing apparel		75	69	64	37	1375	1277	1059	955		174	175	154	157	
3213 Knitting mills		32	35	32	25	1495	1410	1201	1213		177	188	172	208	
3214 Carpets and rugs		3	2	2	1	35	21	19	12		5	-	-	-	
3215 Cordage, rope and twine		48	45	47	31	889	905	929	799		121	138	141	141	
3219 Other textiles		13	15	13	8	551	525	505	575		85	-	-	123	
322 Wearing apparel, except footwear		98	86	90	67	2300	2081	2083	1905		253	252	281	298	
323 Leather and fur products		27	23	20	13	500	458	459	441		54	57	59	77	
3231 Tanneries and leather finishing		4	3	3	2	154	144	151	153		-	-	27	-	
3232 Fur dressing and dyeing industries		3	2	3	2	15	18	42	38		-	-	5	-	
3233 Leather prods excl wearing apparel		20	18	14	9	318	295	255	220		39	40	35	37	
324 Footwear, except rubber or plastic		14	15	14	9	400	412	395	371		49	51	54	52	
331 Wood products, except furniture		534	507	588	322	15900	15239	13934	11013		2412	2417	2274	2204	
3311 Sawmills, planing and other wood mills		574	545	515	280	14985	14330	12812	10050		2301	2300	2139	2074	
3312 Wooden and cane containers		12	13	12	7	215	213	225	194		23	24	21	21	
3319 Other wood and cork products		48	49	60	35	555	595	895	759		88	93	114	109	
332 Furniture and fixtures, excl metal		244	247	250	154	7100	6813	6598	5574		995	1022	1029	1102	
341 Paper and products		101	103	99	84	11900	11829	11434	10539		2091	2203	2253	2518	
3411 Pulp, paper and paperboard articles		45	45	45	43	8284	8185	7839	7313		1477	1548	1570	1829	
3412 Containers of paper and paperboard		33	34	33	29	2788	2752	2721	2555		475	504	527	545	
3419 Other pulp, paper and paperboard articles		23	24	21	12	848	891	874	651		138	151	155	143	
342 Printing and publishing		871	851	835	457	32500	32409	32155	29550		5457	5529	5559	5552	
351 Industrial chemicals		48	47	52	42	8500	8274	7721	7354		1555	1599	1931	2415	
3511 Basic chemicals excl fertilizers		35	34	39	31	3583	3718	3923	3435		779	814	855	1039	
3512 Fertilizers and pesticides		3	3	2	2	3150	2537	1977	2145		655	535	527	527	
3513 Synthetic resins and plastic materials		10	10	11	10	1704	1719	1821	1773		421	450	-	-	
352 Other chemicals		78	75	80	60	5500	5485	5259	5375		1035	1075	1137	1535	
3521 Paints, varnishes and lacquers		19	20	19	13	1320	1255	1273	1212		248	259	257	335	
3522 Drugs and medicines		14	15	16	17	1934	1905	1994	2233		388	405	457	581	
3523 Soap, cleaning preps., perfumes, cosmetics		10	10	12	5	777	757	619	508		131	135	125	141	
3529 Other chemical products		35	30	33	25	1550	1488	1383	1423		258	254	284	377	
353 Petroleum refineries		3	3	3	3	1200	1192	1159	1173		343	334	392	457	

354 Misc petroleum and coal products	29	26	24	12	900	817	834	691	181	185	192	206
355 Rubber products	26	27	29	13	1300	1194	1168	519	216	211	214	121
3551 Tyres and tubes				6				438				104
3559 Other rubber products				7				81				18
356 Plastic products	203	207	197	125	6700	5595	5648	5099	894	963	1008	1141
361 Pottery, china, earthenware	7	7	7	5	830	816	775	707	118	120	121	143
362 Glass and products	33	32	33	27	1600	1485	1661	1530	256	267	307	359
369 Other non-metallic mineral products	246	252	228	109	8400	6093	6188	4232	1151	1206	1062	1154
3691 Structural clay products	5	4	4	5	307	269	232	250	55	49	44	62
3692 Cement, lime and plaster	5	4	4	4	696	610	648	600	130	128	130	227
3699 Other non-metallic mineral products	236	244	220	100	5378	5224	4408	3332	976	1028	888	865
371 Iron and steel	42	40	40	38	7600	7365	6844	6251	1486	1496	1470	1656
372 Non-ferrous metals	40	41	41	35	11200	10436	10239	9568	2348	2349	2448	2877
381 Fabricated metal products	793	836	772	611	21400	21237	20037	18001	3500	3663	3620	4044
3811 Cutlery, hand tools and general hardware	45	43	44	34	1915	1898	1833	1742	301	319	316	374
3812 Furniture and fixtures primarily of metal	32	32	30	23	1290	1263	1103	973	202	207	181	205
3813 Structural metal products	271	300	287	209	7559	8206	7921	6863	1306	1501	1542	1618
3819 Other fabricated metal products	445	461	411	245	10592	9870	9180	8423	1691	1636	1581	1848
382 Non-electrical machinery	510	516	504	332	33800	32963	33912	34752	5799	7102	7755	10101
3821 Engines and turbines	4	5	5	4	1243	1110	1055	425	258	256	245	99
3822 Agricultural machinery and equipment	18	19	20	16	1658	1661	1591	1338	286	311	268	306
3823 Metal and wood working machinery	11	13	14	10	301	364	297	282	49	66	53	52
3824 Other special industrial machinery	132	125	134	122	15826	15721	16282	21522	3316	3458	4419	6540
3825 Office, computing and accounting machinery	16	16	14	8	2799	2030	953	1025	585	545	242	301
3829 Other non-electrical machinery & equipment	329	338	317	172	11954	12067	11754	10179	2294	2466	2537	2794
383 Electrical machinery	267	281	268	194	16400	16265	15589	13436	3165	3253	3359	3805
3831 Electrical industrial machinery	89	97	89	67	4906	5164	5004	4468	901	1003	996	1188
3832 Radio, television and communication equipm	91	92	87	62	6733	6364	6079	6144	1389	1340	1474	1606
3833 Electrical appliances and housewares	17	19	16	10	551	532	749	556	133	137	121	117
3839 Other electrical apparatus and supplies	70	74	76	55	3917	3906	3757	3251	743	773	766	897
384 Transport equipment	420	423	404	297	22700	23812	23228	22011	3972	4500	4704	5452
3841 Shipbuilding and repairing	300	307	294	220	13404	14895	15066	14342	2273	2728	2968	3450
3842 Railroad equipment	17	11	10	9	2864	2305	2214	1987	607	419	403	493
3843 Motor vehicles	83	84	79	52	3652	3628	3170	3171	671	619	574	719
3844 Motorcycles and bicycles												
3845 Aircraft	17	17	17	11	2659	2849	2651	2384	603	711	738	757
3849 Other transport equipment	3	4	4	5	111	137	127	157	17	23	21	33
385 Professional and scientific equipment	51	57	56	38	1600	1585	1873	1751	317	352	454	523
3851 Prof and scientific equipment n e c	44	51	50	34	1380	1367	1656	1559	253	302	406	457
3852 Photographic and optical goods	7	6	6	4	236	218	207	192	54	50	48	57
3853 watches and clocks												
390 Other manufacturing industries	83	85	94	59	2300	2497	3140	3124	329	407	482	572
3901 Jewellery and related articles	28	27	28	20	752	744	775	718	111	120	133	159
3902 Musical instruments	2	2	2	1	12	13	15	11				
3903 Sporting and athletic goods	13	12	13	14	438	787	842	857	66	128	152	200
3909 Manufacturing industries, n e c	40	44	51	34	1067	953	1508	1528				
3 Total manufacturing	6506	6519	6316	4079	275700	271096	265200	245144	47851	49857	51775	60321

a/ 313 includes 314

b/ 3843 includes 3844

Norway

ISIC Industry	Output (million kroner)				Note	Value added (million kroner)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
	1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products	61600	64325	69261	59609		8182	9477	11150	17.9	15.0	61.5	75.5	
3111 Slaughtering, preparing & preserving meat	19469	20856	22276	21588		2175	2609	2568	9.7	12.2	67.7	82.8	
3112 Dairy products	10784	11762	12194	13478		-1470	-1470	-463					
3113 Canning, preserving of fruits & vegetables	1107	1117	1360	1348		272	340	332	27.4	24.6	42.6	52.0	
3114 Canning, preserving and processing of fish	7870	8507	10093	10242		2021	2284	2202	27.7	21.5	65.2	71.1	
3115 Vegetable and animal oils and fats	3145	2569	2760	3175		478	623	683	18.7	21.8	47.8	51.4	
3116 Grain mill products	2449	2447	2637	2484		268	450	481	18.9	41.2	41.4	17.5	
3117 Bakery products	3396	3414	3756	3347		1403	1485	1340	41.7	40.0	65.1	72.5	
3118 Sugar factories and refineries													
3119 Cocoa, chocolate and sugar confectionery	2049	2344	2232	2119		1118	1082	1119	49.5	52.8	43.1	48.8	
3121 Other food products	4216	3866	4660	4858		1285	1471	1427	34.9	29.4	40.7	58.3	
3122 Prepared animal feeds	7006	7342	7243	6891		684	665	637	13.3	12.5	29.1	39.2	
313 Beverages	8970	9610	10561	10890	a/	7130	7899	8347	73.5	76.6	15.2	15.0	
3131 Distilling, rectifying and blending spirits	393	124	117			29	33		26.2		64.9		
3132 Wineries and malt				5347				3977		74.5		21.2	
3134 Soft drinks and carbonated waters		1116	1116	1196		666	678	622		62.1		49.0	
314 Tobacco					a/								
321 Textiles	2990	3172	3237	3310		1197	1252	1314	36.8	39.7	72.5	72.0	
3211 Spinning, weaving and finishing textiles	896	895	1023	896		328	406	406	36.2	33.7	76.7	79.5	
3212 Made-up textile goods excl. wearing apparel	674	676	841	625		233	218	210	40.2	46.2	82.7	74.4	
3213 Knitting mills	532	587	583	618		214	246	276	38.3	38.1	66.6	66.6	
3214 Carpets and rugs	16	572	617	502		212	228	196	33.7	36.7	66.8	72.4	
3215 Cordage, rope and twine	646							207	44.4	41.7	61.4	69.3	
3219 Other textiles	315			496									
322 Wearing apparel, except footwear	850	957	985	993		364	379	389	40.0	38.1	74.4	76.6	
323 Leather and fur products	270	336	340	360		99	113	101	33.3	28.2	71.1	76.4	
3231 Tanneries and leather finishing	151		198			84	64		26.6				
3232 Fur dressing and dyeing industries	9		20				8		22.2				
3233 Leather prod., excl. wearing apparel	110	133	122	107		84	62	46	41.8	41.9	84.8	82.2	
324 Footwear, except rubber or plastic	150	165	188	169		70	81	76	46.7	44.4	70.0	82.4	
331 Wood products, except furniture	12270	12743	11214	9226		3876	3283	2746	30.6	29.8	64.1	60.3	
3311 Sawmills, planing and other wood mills	11840	12296	10784	8684		3718	3111	2618	30.4	29.5	63.8	79.2	
3312 Wooden and cane containers	60	64	93	30		24	20	11	35.2	36.7	68.2	92.8	
3319 Other wood and cork products	366	384	407	312		133	152	117	36.2	37.6	66.2	92.8	
332 Furniture and fixtures, excl. metal	4110	4266	4379	4002		1478	1487	1369	34.5	34.2	70.1	60.5	
341 Paper and products	18790	18668	17704	16803		4928	4368	3661	26.8	23.6	41.6	71.6	
3411 Pulp, paper and paperboard articles	16584	16215	14224	12107		3817	3176	2660	26.8	21.1	37.2	71.4	
3412 Containers of paper and paperboard	2258	2429	2658	2669		661	910	899	36.1	36.0	68.3	71.9	
3419 Other pulp, paper and paperboard articles	962	924	962	828		280	272	202	28.3	24.4	55.2	70.8	
342 Printing and publishing	19260	19957	20685	19010		8643	9010	8515	43.5	44.8	65.2	77.1	
351 Industrial chemicals	16220	15837	16693	14241		6078	4802	3990	32.3	30.6	37.7	60.5	
3511 Basic chemicals excl. fertilizers	7506	7356	7216	6812		2599	2302	2061	36.6	28.0	28.4	49.9	
3512 Fertilizers and pesticides	4074	4661	4661			1844			31.1		51.8		
3513 Synthetic resins and plastic materials	3636	3919	3919			636			26.0		46.4		
352 Other chemicals	6230	6428	6487	7606		2459	2326	2666	39.2	37.7	42.4	53.5	
3521 Paints, varnishes and lacquers	1474	1360	1360	1360		368	368	413	67.1	69.7	67.1	81.3	
3522 Drugs and medicines	2636	2799	2966	3228		1228	1354	1630	43.8	43.7	33.6	41.8	
3523 Soap, cleaning prod., perfumes, cosmetics	1368	1368	1448	1723		507	537	608	35.4	29.6	35.7	46.0	
3529 Other chemical products													
353 Petroleum refineries	11420	12333	14983	14629		1219	1483	887	5.9	6.1	61.2	61.6	

354 Misc petroleum and coal products	1850	1506	1406	1142	400	386	347	343	24.2	30.0	46.2	80.2
355 Rubber products	830	860	771	396	360	360	327	184	42.2	41.6	61.4	74.1
3551 Tyres and tubes				318				139			74.7	
3559 Other rubber products				76				28			33.1	70.6
356 Plastic products	4840	4872	4891	4437	1860	1741	1707	1717	33.6	38.7	67.3	66.6
361 Pottery, china, earthenware	300	301	294	276	170	169	160	161	66.7	68.4	69.4	88.7
362 Glass and products	1120	1138	1341	1204	460	484	539	471	41.1	39.1	56.7	76.2
366 Other non-metallic mineral products	5940	6187	5286	4713	2170	2267	2109	1669	36.6	36.2	53.6	69.6
3691 Structural clay products	204	177	162	196	84	72	66	83	41.2	42.7	66.6	74.6
3692 Cement, lime and plaster	991	1201	928	444	444	494	494	362	44.8	30.2	29.3	64.4
3699 Other non-metallic mineral products	4744	4808	4194	3380	1843	1766	1948	1224	34.6	36.6	59.4	70.7
371 Iron and steel	10200	9042	8413	8041	3410	2170	2038	1986	33.4	24.7	43.6	83.9
372 Non-ferrous metals	28030	22662	20949	18648	8230	6171	4406	4099	29.4	22.0	28.6	70.2
381 Fabricated metal products	11680	13181	12949	12117	4760	4907	6047	4722	40.7	39.0	73.7	86.6
3821 Cutlery, hand tools and general hardware	1068	1059	1180	1023	471	471	584	481	43.1	46.1	66.4	81.0
3822 Furniture and fixtures primarily of metal	667	706	688	580	266	264	227	220	38.2	38.0	79.2	93.0
3823 Structural metal products	4376	6644	4967	4967	1773	1963	2037	1827	40.6	36.9	73.7	88.6
3819 Other fabricated metal products	5869	6633	6663	6667	2281	2199	2168	2214	40.6	39.8	74.8	83.6
382 Non-electrical machinery	46760	43390	44914	46661	9380	9966	11073	11249	20.1	22.6	72.6	89.8
3821 Engines and turbines	1237	1109	1166	266	382	326	364	107	28.6	40.4	76.1	92.0
3822 Agricultural machinery and equipment	1331	1330	1069	1031	466	621	429	428	26.7	41.6	66.6	71.3
3823 Metal and wood working machinery	145	140	182	147	60	78	68	68	41.4	46.4	81.7	91.1
3824 Other special industrial machinery	32621	28646	31366	38299	4367	4624	6974	6974	13.4	18.2	76.9	93.8
3825 Office, computing and accounting machinery	2666	2366	1214	1143	736	769	381	387	27.6	33.9	79.6	77.7
3829 Other non-electrical machinery & equipment	8863	9868	9661	8876	3381	3717	3848	3284	38.2	36.6	67.8	86.1
383 Electrical machinery	12600	13667	13276	13338	4860	4698	6169	4719	37.9	36.4	66.3	80.6
3831 Electrical industrial machinery	3868	4291	3904	3793	1366	1466	1471	1366	36.1	36.0	66.4	66.7
3832 Radio, television and communication equip	4690	6216	6409	6696	2070	1984	2469	2041	42.3	36.8	67.1	78.7
3833 Electrical appliances and housewares	641	661	466	409	186	206	189	137	34.2	32.6	71.9	86.8
3839 Other electrical apparatus and supplies	3609	3667	3496	3442	1241	1041	1261	1176	38.4	34.2	69.8	76.3
384 Transport equipment	16600	20881	22923	21247	6433	6433	6494	6477	33.1	30.6	71.4	84.2
3841 Shipbuilding and repairing	11019	14416	17049	16169	3176	3917	4260	4214	28.6	27.6	71.6	81.9
3842 Railroad equipment	1087	1624	1291	1362	627	624	496	620	67.7	38.6	80.9	94.7
3843 Motor vehicles	2916	2804	2399	2634	848	916	820	867	29.1	33.7	67.3	81.0
3844 Motorcycles and bicycles												
3845 Aircraft	1711	2061	2116	1992	684	1043	692	616	61.7	41.0	68.2	92.8
3849 Other transport equipment	66	84	69	100	26	33	27	39	40.0	39.3	66.4	84.9
386 Professional and scientific equipment	1190	1266	1726	1673	490	612	666	664	41.2	41.6	64.7	80.0
3861 Prof and scientific equipment n e c	1001	1069	1626	1340	426	442	681	662	42.6	41.9	61.9	83.0
3862 Photographic and optical goods	186	166	200	233	68	70	87	92	36.6	39.6	79.4	61.6
3863 Watches and clocks												
390 Other manufacturing industries	1060	1261	1482	1360	470	669	664	661	44.8	48.3	70.0	67.6
3901 Jewellery and related articles	333	376	404	380	166	176	202	203	47.4	63.4	70.3	76.3
3902 Musical instruments												
3903 Sporting and athletic goods												
3909 Manufacturing industries, n e c	192	293	421	482	61	140	176	249	31.6	50.7	60.4	
3 Total manufacturing	306010	313666	316234	307689	86062	84638	86377	84480	28.9	27.6	64.4	71.4

a/ 313 includes 314

b/ 3843 includes 3844

Norway

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million KRONER)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		2298	2106	2029	1887		92	91	92	90	91	89	92	93	94
313 Beverages	a/	387	232	485	476		94	100	101	104	106	106	107	106	102
314 Tobacco	a/						106	101	109	111	111	112	111	108	106
321 Textiles		126	7	66	81		76	77	72	63	68	69	69	67	66
322 Wearing apparel, except footwear		23	12	16	10		85	82	72	67	46	45	44	43	41
323 Leather and fur products		8	7	5	13		102	104	108	94	91	96	96	102	106
324 Footwear, except rubber or plastic		2	2	5	2		48	47	43	40	32	30	29	27	27
331 Wood products, except furniture		634	740	480	418		88	91	90	87	85	81	74	74	74
332 Furniture and fixtures, excl metal		107	167	132	83		85	84	80	74	69	65	62	60	66
341 Paper and products		654	1163	1318	2966		137	136	135	136	146	143	141	139	148
342 Printing and publishing		491	779	630	674		107	110	112	113	113	112	112	112	112
351 Industrial chemicals		1030	984	1392	746		196	185	193	201	209	222	212	204	223
352 Other chemicals		230	515	461	367		121	128	131	130	141	148	142	149	149
353 Petroleum refineries		1202	1382	241	202		244	242	281	266	291	406	383	430	430
354 Misc petroleum and coal products		161	70	43	14		105	109	108	101	97	90	88	84	84
355 Rubber products		35	58	-63	9		108	113	110	114	114	110	94	84	62
356 Plastic products		235	260	364	174		112	113	116	114	116	116	109	108	116
361 Pottery, china, earthenware		6	11	12	7		66	63	63	63	47	49	46	47	49
362 Glass and products		134	50	33	58		102	112	114	110	103	102	99	97	90
369 Other non-metallic mineral products		506	721	631	-36		90	99	106	99	89	86	73	77	77
371 Iron and steel		502	619	453	219		160	142	136	141	137	136	128	133	134
372 Non-ferrous metals		957	876	891	760		108	110	123	134	138	140	141	138	141
381 Fabricated metal products		421	501	475	534		91	94	94	91	89	88	87	88	92
382 Non-electrical machinery		376	662	864	1006		134	137	139	130	130	130	126	141	147
383 Electrical machinery		549	493	545	471		128	136	143	145	148	147	139	141	160
384 Transport equipment		620	586	620	660		66	64	61	69	60	62	64	66	62
385 Professional and scientific equipment		29	64	40	31		134	141	139	137	140	160	167	160	169
390 Other manufacturing industries		53	50	77	64		119	126	117	114	108	112	117	118	130
3 Total manufacturing		11766	13072	12144	11787		109	110	112	111	112	113	111	113	116

a/ 313 includes 314

OMAN

Supplier of information:

Directorate General of National Statistics, Development Council, Muscat.

Basic source of data:

Data provided by the Ministry of Commerce and Industry and the Rusail Industrial Estate Authority.

Major deviations from current version of ISIC:

Data are classified according to the national classification system and are available only by broad groupings of industries.

Reference period (if not calendar year):

Scope:

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Statistical Yearbook, published by the Directorate General of National Statistics, Development Council, Muscat.

Oman

ISIC Industry	Number of establishments					Number of persons engaged					Wages and salaries paid to employees				
	Note	(numbers)				Note	(numbers)				Note	(thousand RIYALS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products	a/	13	23	22	16	a/	60	467	193	800	a/	89	1110	323	893
313 Beverages	a/	..	..	..	..	a/	..	..	..	..	a/	..	..	..	..
314 Tobacco	a/	..	..	..	..	a/	..	..	..	..	a/	..	..	..	..
321 Textiles	b/	9	8	9	3	b/	2626	1640	1233	604	b/	2447	1740	1017	620
322 Wearing apparel, except footwear	b/	..	..	..	..	b/	..	..	..	..	b/	..	..	..	..
323 Leather and fur products	b/	..	..	..	..	b/	..	..	..	..	b/	..	..	..	..
324 Footwear, except rubber or plastic	b/	..	..	..	..	b/	..	..	..	..	b/	..	..	..	..
331 Wood products, except furniture	c/	21	26	14	14	c/	62	93	81	69	c/	51	97	92	62
332 Furniture and fixtures, excl metal	c/	..	..	..	..	c/	..	..	..	..	c/	..	..	..	..
341 Paper and products	d/	1	-	5	1	d/	26	-	108	6	d/	40	-	225	14
342 Printing and publishing	d/	..	..	..	..	d/	..	..	..	..	d/	..	..	..	..
351 Industrial chemicals	e/	1	5	2	11	e/	15	217	26	140	e/	28	441	79	249
352 Other chemicals	e/	..	..	..	..	e/	..	..	..	..	e/	..	..	..	..
353 Petroleum refineries	e/	..	..	..	..	e/	..	..	..	..	e/	..	..	..	..
354 Misc petroleum and coal products	e/	..	..	..	..	e/	..	..	..	..	e/	..	..	..	..
355 Rubber products	e/	..	..	..	..	e/	..	..	..	..	e/	..	..	..	..
356 Plastic products	e/	..	..	..	..	e/	..	..	..	..	e/	..	..	..	..
361 Pottery, china, earthenware	f/	40	56	23	30	f/	174	344	236	199	f/	258	407	309	196
362 Glass and products	f/	..	..	..	..	f/	..	..	..	..	f/	..	..	..	..
369 Other non-metallic mineral products	f/	..	..	..	..	f/	..	..	..	..	f/	..	..	..	..
371 Iron and steel	g/	-	-	-	1	g/	-	-	-	2	g/	-	-	-	8
372 Non-ferrous metals	g/	..	..	..	..	g/	..	..	..	..	g/	..	..	..	..
381 Fabricated metal products	h/	56	45	25	28	h/	245	179	127	261	h/	369	214	176	491
382 Non-electrical machinery	h/	..	..	..	..	h/	..	..	..	..	h/	..	..	..	..
383 Electrical machinery	h/	..	..	..	..	h/	..	..	..	..	h/	..	..	..	..
384 Transport equipment	h/	..	..	..	..	h/	..	..	..	..	h/	..	..	..	..
385 Professional and scientific equipment	h/	..	..	..	..	h/	..	..	..	..	h/	..	..	..	..
390 Other manufacturing industries		1	1	1	2		-	3	6	62		-	4	10	127
3 Total manufacturing		142	164	101	104		3199	2943	2009	2163		3282	4013	2231	2699

a/ 311/2 includes 313 and 314

c/ 331 includes 332

e/ 351 includes 352, 353, 354, 355 and 356

g/ 371 includes 372

b/ 321 includes 322, 323 and 324.

d/ 341 includes 342.

f/ 361 includes 362 and 369

h/ 381 includes 382, 383, 384 and 385

Oman

ISIC Industry	Note	Output in producers' prices				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(thousand RIALS)					(thousand RIALS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products	a/	715	5700	7111	7293									
313 Beverages	a/	...	...	...	...					
314 Tobacco	a/	...	...	...	...					
321 Textiles	b/	13957	18683	7961	7829									
322 wearing apparel, except footwear	b/	...	...	...	...					
323 Leather and fur products	b/	...	...	...	...					
324 Footwear, except rubber or plastic	b/	...	...	...	...					
331 wood products, except furniture	c/	439	1125	679	595									
332 Furniture and fixtures, excl. metal	c/	...	...	...	...					
341 Paper and products	d/	282	-	4277	36									
342 Printing and publishing	d/	...	...	...	...					
351 Industrial chemicals	e/	840	3830	295	4095									
352 Other chemicals	e/	...	...	...	...					
353 Petroleum refineries	e/	...	...	...	...					
354 Misc. petroleum and coal products	e/	...	...	...	...					
355 Rubber products	e/	...	...	...	...					
356 Plastic products	e/	...	...	...	...					
361 Pottery, china, earthenware	f/	2303	3823	1834	2420									
362 Glass and products	f/	...	...	...	...					
369 Other non-metallic mineral products	f/	...	...	...	...					
371 Iron and steel		...	- g/	- g/	420g/									
372 Non-ferrous metals		...	g/	g/	g/									
381 Fabricated metal products	h/	1797	1787	1933	3022									
382 Non-electrical machinery	h/	...	...	...	...					
383 Electrical machinery	h/	...	...	...	...					
384 Transport equipment	h/	...	...	...	...					
385 Professional and scientific equipment	h/	...	...	...	...					
390 Other manufacturing industries		-	27	90	770									
3 Total manufacturing		20333	34955	24170	26480									

a/ 311/2 includes 313 and 314

c/ 331 includes 332

e/ 351 includes 352, 353, 354, 355 and 356

g/ 371 includes 372

b/ 321 includes 322, 323 and 324.

d/ 341 includes 342.

f/ 361 includes 362 and 369.

h/ 381 includes 382, 383, 384 and 385.

Oman

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(thousand RIALS)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products	a/	320	7198	4135	3804									
313 Beverages	a/													
314 Tobacco	a/													
321 Textiles	b/	3044	2421	3154	944									
322 Wearing apparel, except footwear	b/													
323 Leather and fur products	b/													
324 Footwear, except rubber or plastic	b/													
331 Wood products, except furniture	c/	182	366	313	441									
332 Furniture and fixtures, excl. metal	c/													
341 Paper and products	d/	40	-	1387	93									
342 Printing and publishing	d/													
351 Industrial chemicals	e/	441	5175	368	1746									
352 Other chemicals	e/													
353 Petroleum refineries	e/													
354 Misc. petroleum and coal products	e/													
355 Rubber products	e/													
356 Plastic products	e/													
361 Pottery, china, earthenware	f/	1086	3244	2711	892									
362 Glass and products	f/													
369 Other non-metallic mineral products	f/													
371 Iron and steel	g/	-	-	-	146									
372 Non-ferrous metals	g/													
381 Fabricated metal products	h/	1320	1144	976	1934									
382 Non-electrical machinery	h/													
383 Electrical machinery	h/													
384 Transport equipment	h/													
385 Professional and scientific equipment	h/													
390 Other manufacturing industries		19	12	30	1136									
3 Total manufacturing		6452	19560	13074	11136									

a/ 311/2 includes 313 and 314

c/ 331 includes 332

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

g/ 371 includes 372.

b/ 321 includes 322, 323 and 324.

d/ 341 includes 342

f/ 361 includes 362 and 369.

h/ 381 includes 382, 383, 384 and 385.

PANAMA

Supplier of information:

Dirección de Estadística y Censo, Contraloría General de la República, Panamá.

Basic source of data:

Survey of the manufacturing industry.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Establishments with 5 or more persons engaged.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

No.

Concepts and definitions of variables:

Number of persons engaged refers to the average of the numbers on the last days of February, May, August and November of the reference year, plus the number of working proprietors, unpaid family and other workers reported for 31 August.

Output includes gross revenues from goods shipped in the same condition as received.

Related national publications:

Estadística Panameña: Situación Económica, Encuesta Industrial (annual), published by the Dirección de Estadística y Censo, Panamá.

Panama

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand BALFOAS)			
		1987	1988	1989	1990		1987	1988	1989	1990		1987	1988	1989	1990
311/2 Food Products		332	330	294	298		12388	11833	12824	13048		62392	69621	66410	63018
3111 Slaughtering, preparing & preserving meat		25	25	25	28		1691	1586	1672	1794		6826	5078	6261	7108
3112 Dairy products		24	24	18	24		1390	1277	1241	1412		10369	10217	10120	11719
3113 Canning, preserving of fruits & vegetables		6	6	7	6		926	823	904	773		4267	3611	6261	4769
3114 Canning, preserving and processing of fish		11	11	11	15		929	815	1024	845		4280	3614	3670	2090
3115 Vegetable and animal oils and fats		6	6	5	6		543	552	598	617		6372	4962	5073	5122
3116 Grain mill products		50	48	55	56		1027	1011	1066	1216		5101	6629	4738	5403
3117 Bakery products		146	146	111	85		2374	2767	2856	2691		1571	10612	10484	7488
3118 Sugar factories and refineries		5	5	4	6		1414	1340	2111	2001		8306	7908	13399	13060
3119 Cocoa, chocolate and sugar confectionery		6	6	5	7		196	179	174	182		906	912	739	763
3121 Other food products		43	43	41	51		1072	981	972	1266		5143	4686	6111	6206
3122 Prepared animal feeds		10	10	12	14		326	312	318	349		1661	1466	1664	1616
313 Beverages		17	17	17	18		2035	1846	1662	1609		11712	10676	11639	11948
3131 Distilling, rectifying and blending spirits		8	8	8	8		575	496	421	447		2991	2270	2772	2669
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt		4	4	4	4		812	743	740	707		6222	6391	6187	6173
3134 Soft drinks and carbonated waters		5	5	5	6		638	607	501	462		3499	3017	3380	3106
314 Tobacco		3	3	3	3		443	422	422	463		6388	6370	4661	6000
321 Textiles		6	6	6	12		408	386	402	649		1898	1658	1710	2604
3211 Spinning, weaving and finishing textiles		3	3	-	4		199	191	-	197		949	707	-	663
3212 Made-up textile goods excl. wearing apparel		-	-	3	5		-	-	187	227		-	-	893	930
3213 Knitting mills		3	3	3a/	3a/		209	196	215a/	205a/		949	771	817a/	921a/
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-	-	-
3219 Other textiles		-	-	-	-		-	-	-	-		-	-	-	-
322 Wearing apparel, except footwear		73	72	74	68		4612	4061	4038	6999		14862	11769	11224	17247
323 Leather and fur products		4	4	5	10		209	196	194	285		1183	1119	1123	1192
3231 Tanneries and leather finishing		4	4	5b/	10b/		209	196	194b/	285b/		1183	1119	1123b/	1192b/
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather goods excl. wearing apparel		-	-	b/	b/		-	-	b/	b/		-	-	b/	b/
324 Footwear, except rubber or plastic		17	17	14	19		67	816	647	719		3660	2686	2041	2424
331 Wood products, except furniture		24	24	21	16		666	497	629	601		2408	1854	2286	2466
3311 Sawmills, planing and other wood mill		21	21	21c/	15c/		666	474	629c/	601c/		2408	1762	2266c/	2466c/
3312 Wooden and cork containers		-	-	-	-		-	-	-	-		-	-	-	-
3319 Other wood and cork products		3	3	c/	c/		-	23	c/	c/		-	102	c/	c/
332 Furniture and fixtures, excl. metal		72	73	76	55		1347	978	974	972		4618	3234	3016	3637
341 Paper and products		23	23	22	19		1082	1020	987	1014		8286	8392	5662	9396
3411 Pulp, paper and paperboard articles	a/	5	5	6	7	d/	260	232	266	301	d/	2640	2336	2436	2962
3412 Containers of paper and paperboard		18	18	16	12		822	788	721	713		6648	6067	6217	6494
3419 Other pulp, paper and paperboard articles	d/	-	-	-	-	a/	-	-	-	-	d/	-	-	-	-
342 Printing and publishing		77	77	69	66		2396	1896	968	1694		13312	9671	6660	9672
351 Industrial chemicals		10	10	9	7		241	226	220	166		1529	1372	1424	1178
3511 Basic chemicals excl. fertilizers		6	6	6	4		158	160	138	90		1196	1067	1093	892
3512 Fertilizers and pesticides		4	4	4	3		50	76	82	76		334	316	331	286
3513 Synthetic resins and plastic materials		-	-	-	-		-	-	-	-		-	-	-	-
352 Other chemicals		17	17	18	17		1761	1571	1472	1700		12604	11611	10636	11817
3521 Paints, varnishes and lacquers		7	7	6	5		310	271	264	306		1786	1662	1689	2020
3522 Drugs and medicines		9	9	7	10		324	320	260	324		3298	3061	2174	2766
3525 Soap, cleaning preparations, perfumes, cosmetics		11	11	15	18		871	749	740	808		6797	6933	5640	5692
3529 Other chemical products		10	10	10	13		266	231	218	263		1124	946	1133	1343
36 Petroleum derivatives		-	-	a/h/	c/h/		e/f/	e/f/	g/h/	g/h/		e/f/	e/f/	g/h/	g/h/

354 Misc. petroleum and coal products	e/f/	e/f/	3	3	e/f/	e/f/	25	18	e/f/	e/f/	247	133
355 Rubber products	6	6	7	8	121	133	146	154	550	543	591	668
3551 Tyres and tubes												
3559 Other rubber products												
356 Plastic products	32	32	25	32	1450	1255	1213	1465	8265	7320	7966	8811
361 Pottery, china, earthenware	-	-	-	4	-	-	-	27	-	-	-	29
362 Glass and products	6	5	6	7	242	203	236	244	1789	1283	744	1086
369 Other non-metallic mineral products	64	62	37	47	2311	1700	1454	1559	13515	8818	7327	8484
3691 Structural clay products	5i/	5i/	5i/	5	1130i/	980i/	841i/	224	5601i/	5567i/	4932i/	1028
3692 Cement, lime and plaster	1/	1/	1/	6	1/	1/	1/	651	1/	1/	1/	4868
3699 Other non-metallic mineral products	54	52	32	36	1181	720	613	684	5214	3131	2389	2588
371 Iron and steel	6j/	6j/	5j/	3	395j/	359j/	215j/	135	2464j/	2098j/	1384j/	811
372 Non-ferrous metals	j/	j/	j/	3	j/	j/	j/	131	j/	j/	j/	648
381 Fabricated metal products	59	58	44	52	1374	1008	911	1042	7512	4912	4231	5207
3811 Cutlery, hand tools and general hardware	9k/	9k/	8k/	4	239k/	159k/	159k/	39	1267k/	751k/	788k/	111
3812 Furniture and fixtures primarily of metal	k/	k/	k/	7	k/	k/	k/	189	k/	k/	k/	958
3813 Structural metal products	28	27	19	25	692	451	399	475	3859	2261	1607	2285
3819 Other fabricated metal products	22	22	17	16	443	398	355	339	2385	1900	1835	1853
382 Non-electrical machinery	10	9	6	7	114	100	86	68	571	458	434	254
3821 Engines and turbines	-	-	-	-	-	-	-	-	-	-	-	-
3822 Agricultural machinery and equipment	10m/	9m/	-	-	114m/	100m/	-	-	571m/	458m/	-	-
3823 Metal and wood working machinery	-	-	-	-	-	-	-	-	-	-	-	-
3824 Other special industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-
3825 Office, computing and accounting machinery	-	-	-	-	-	-	-	-	-	-	-	-
3829 Other non-electrical machinery & equipment	m/	m/	6	7	m/	m/	86	68	m/	m/	434	254
383 Electrical machinery	9	9	6	7	183	135	91	101	1195	885	592	637
3831 Electrical industrial machinery	-	-	-	-	-	-	-	-	-	-	-	-
3832 Radio, television and communication equipm	-	-	-	-	-	-	-	-	-	-	-	-
3833 Electrical appliances and housewares	-	-	-	-	-	-	-	-	-	-	-	-
3839 Other electrical apparatus and supplies	9	9	-	-	183	135	-	-	1195	885	-	-
384 Transport equipment	14	14	13	16	490	431	584	254	4875	3334	4417	1717
3841 Shipbuilding and repairing	7	7	6	8	363	328	503	150	4315	3515	4053	1205
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	7n/	7n/	7	8	127n/	103n/	81	104	560n/	418n/	384	512
3844 Motorcycles and bicycles	-	-	-	-	-	-	-	-	-	-	-	-
3845 Aircraft	-	-	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	n/	n/	-	-	n/	n/	-	-	n/	n/	-	-
385 Professional and scientific equipment	5	5	6	11	80	69	76	130	548	459	511	764
3851 Prof. and scientific equipment n.e.c.	5p/	5p/	6p/	6	80p/	69p/	76p/	85	548p/	459p/	511p/	538
3852 Photographic and optical goods	p/	p/	p/	5	p/	p/	p/	45	p/	p/	p/	225
3853 Watches and clocks	-	-	-	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	25e/	25e/	18g/	20g/	1261e/	1215e/	917g/	930g/	18289e/	18555e/	13293g/	16448g/
3901 Jewellery and related articles	3	3	-	4	135	95	-	77	715	445	-	333
3902 Musical instruments	-	-	-	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	-	-	-	-	-	-	-	-	-	-	-	-
3909 Manufacturing industries, n.e.c.	22f/	22f/	18h/	16h/	1125f/	1119f/	917h/	853h/	17573f/	18210f/	13293h/	16115h/
3 Total manufacturing	931	924	821	856	35555	32155	31393	35147	203718	178200	172309	190385

a/ 3213 includes 3214
c/ 3311 includes 3319
e/ 390 includes 353 and 354
g/ 390 includes 353
i/ 3691 includes 3692
k/ 3811 includes 3812
n/ 3843 includes 3849

b/ 3231 includes 3233
d/ 3411 includes 3419
f/ 3909 includes 353 and 354.
h/ 3909 includes 353.
j/ 371 includes 372
m/ 3822 includes 3829
p/ 3851 includes 3852.

Panama

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(thousand BALBOAS)					(thousand BALBOAS)				(percentage)		(percentage)	
		1987	1988	1989	1990		1987	1988	1989	1990	1987	1990	1987	1990
311.2 Food Products		621752	554453	591507	633334	203416	172b36	172959	217931	32.7	34.4	30.7	30.4	
3111 Slaughtering, preparing & preserving meat		56742	52796	70006	88207	13939	12224	16577	16577	24.6	24.3	39.6	42.9	
3112 Dairy products		100507	85582	95135	104627	39101	27879	32920	42977	38.9	41.1	26.5	27.3	
3113 Canning, preserving of fruits & vegetables		31337	24545	27336	31231	15180	14077	11430	14796	48.4	47.4	28.1	32.1	
3114 Canning, preserving and processing of fish		67116	53871	53843	42593	9011	16877	3248	6440	13.4	15.1	47.5	48.0	
3115 vegetable and animal oils and fats		60406	50816	52856	53318	21707	17504	19360	19780	35.9	37.1	24.7	25.9	
3116 Grain mill products		78539	75302	75559	83713	23475	16931	16094	18654	29.9	22.3	21.7	29.0	
3117 Bakery products		59990	54883	55396	59184	23993	21697	21413	33827	40.0	57.2	48.2	22.1	
3118 Sugar factories and refineries		58014	55566	67186	68868	26829	21206	28168	32819	45.2	47.7	31.0	39.8	
3119 Cocoa, chocolate and sugar confectionery		5395	4937	4969	5499	2747	2687	1772	2353	50.9	42.8	33.0	32.0	
3121 Other food products		56836	50343	50895	63861	20319	17358	17553	22651	35.8	35.5	25.3	27.4	
3122 Prepared animal feeds		46870	45812	48026	52233	7115	6196	5154	7068	15.2	13.5	21.8	22.9	
313 Beverages		140610	116758	126993	137462	74593	60265	59879	66501	53.0	49.8	15.7	17.4	
3131 Distilling, rectifying and blending spirits		30452	23831	25764	26327	20185	14893	15015	17195	66.3	65.3	14.8	15.5	
3132 wine industries		-	-	-	-	-	-	-	-	-	-	-	-	
3133 Malt liquors and malt		66384	55319	61411	67100	39939	33436	34488	39058	60.2	58.2	13.1	15.8	
3134 Soft drinks and carbonated waters		43774	37608	39818	44035	14469	11936	10376	12250	33.1	27.8	24.2	25.4	
314 Tobacco		36568	30351	28313	36324	29125	23514	19900	27094	79.6	74.6	18.6	18.5	
321 Textiles		11083	9768	11528	16858	4345	3902	4600	6268	39.2	37.2	43.7	39.9	
3211 Spinning, weaving and finishing textiles		5271	5587	-	4341	2267	2206	-	1318	42.8	30.4	42.0	49.5	
3212 Made-up textile goods excl wearing apparel		-	-	5944	6342	-	-	2653	2895	-	-	-	32.1	
3213 Knitting mills		5812	4181	5584a/	6175a/	2088	1697	1947a/	2055a/	35.9	33.3	45.5	44.8	
3214 Carpets and rugs		-	-	a/	a/	-	-	a/	a/	-	-	-	-	
3215 Cordage, rope and twine		-	-	-	-	-	-	-	-	-	-	-	-	
3219 Other textiles		-	-	-	-	-	-	-	-	-	-	-	-	
322 wearing apparel, except footwear		61636	48020	47577	108215	27579	19168	15464	30435	44.7	28.1	53.9	56.7	
323 Leather and fur products		9088	7667	7169	8709	2402	1895	1536	2801	26.4	32.2	49.3	42.6	
3231 Tanneries and leather finishing		9088	7667	7169b/	8709b/	2402	1895	1636b/	2801b/	26.4	32.2	49.3	42.6	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-	-	-	-	-	
3233 leather prods excl wearing apparel		-	-	b/	b/	-	-	b/	b/	-	-	-	-	
324 Footwear, except rubber or plastic		21151	12955	10573	16957	7932	5179	3819	5109	37.5	32.0	46.1	47.4	
331 wood products, except furniture		15841	8308	10573	11023	6674	2513	3380	4115	42.1	37.3	36.1	59.7	
3311 Sawmills, planing and other wood mills		15841	7749	10573c/	11023c/	6674	2267	3380c/	4115c/	42.1	37.3	36.1	59.7	
3312 wooden and cane containers		-	-	-	-	-	-	-	-	-	-	-	-	
3319 Other wood and cork products		-	559	c/	c/	-	246	c/	c/	-	-	-	-	
332 Furniture and fixtures, excl metal		23761	11380	13350	17529	10624	3977	4237	6466	44.7	35.9	43.5	54.7	
341 Paper and products		89712	85678	97637	103696	23453	20924	23823	47523	26.1	45.8	35.3	19.8	
3411 Pulp, paper and paperboard articles	d/	25108	21728	26434	29394	9960	7820	8685	9839	39.7	33.5	26.6	29.5	
3412 Containers of paper and paperboard		64604	63950	71203	74302	13493	13104	15136	37684	20.9	50.7	41.9	17.2	
3419 Other pulp, paper and paperboard articles	d/	-	-	-	-	-	-	-	-	-	-	-	-	
342 Printing and publishing		61390	38114	35286	55354	35971	21145	15856	28785	58.6	52.0	37.0	33.6	
351 Industrial chemicals		30034	27972	28910	18517	7713	6708	8424	5441	25.7	34.8	19.8	18.3	
3511 Basic chemicals excl fertilizers		20267	19216	19445	6782	5818	4982	6462	4635	28.7	58.3	20.5	19.2	
3512 Fertilizers and pesticides		9767	8756	9465	11735	1895	1726	1962	1806	19.4	15.4	17.6	15.8	
3513 Synthetic resins and plastic materials		-	-	-	-	-	-	-	-	-	-	-	-	
352 Other chemicals		94304	74849	79881	94548	44784	33759	33590	42135	47.5	44.6	27.9	28.0	
3521 Paints, varnishes and lacquers		23181	17022	19128	23976	6961	4330	5211	5606	30.0	27.6	25.6	30.6	
3522 Drugs and medicines		19081	17191	13871	16578	10608	9691	8344	9334	55.6	55.3	31.1	29.6	
3523 Soap, cleaning preps, perfumes, cosmetics		44643	34758	40466	46040	23501	17.45	17171	22619	52.6	49.1	26.8	25.2	
3529 Other chemical products		7399	5868	6416	7956	3714	2691	2864	3577	50.2	45.0	30.3	37.5	
353 Petroleum refineries		s/f/	e/f/	g/h/	g/h/	e/f/	e/f/	g/h/	g/h/					

354 Misc petroleum and coal products	e/f/	e/f/	6519	11522	e/f/	e/f/	1247	4265	36 9	3 1		
355 Rubber products	3674	4518	4341	4936	1283	1852	1519	1938	34 1	39 3	43 9	34 5
3551 Tyres and tubes												
3559 Other rubber products												
356 Plastic products	54142	42828	47675	54257	25672	17542	19648	23330	47 4	43 0	32 2	37 8
361 Pottery, china, earthenware	-	-	-	44	-	-	-	36	81 8			80 6
362 Glass and products	13706	8360	5470	11779	7800	5391	2705	7392	56 9	52 8	22 9	14 7
369 Other non-metallic mineral products	86043	37199	31390	42651	42400	15660	14335	13960	49 3	44 5	32 6	44 7
3691 Structural clay products	47462i/	21485i/	21782i/	4930	29424i/	11628i/	10842i/	2613	62 0	53 0	29 2	39 3
3692 Cement, lime and plaster	i/	i/	i/	21306	i/	i/	i/	10856	51 0			44 8
3699 Other non-metallic mineral products	38581	15714	9608	16415	13017	4032	3493	5491	33 7	33 5	40 1	47 1
371 Iron and steel	20000j/	10600j/	9343j/	5519	7400j/	4200j/	3366j/	1871	37 0	33 9	33 3	43 3
372 Non-ferrous metals	j/	j/	j/	5942	j/	j/	j/	1680	28 3			38 6
381 Fabricated metal products	62747	32337	38212	52470	22196	11511	13102	16675	35 4	31 8	33 8	31 2
3811 Cutlery, hand tools and general hardware	5630k/	2092k/	3189k/	542	2606k/	1038k/	1385k/	275	46 3	50 7	48 6	40 4
3812 Furniture and fixtures primarily of metal	k/	k/	k/	4769	k/	k/	k/	1698	35 5			56 5
3813 Structural metal products	38860	19076	19084	25636	12739	6066	6242	7213	32 8	28 1	30 3	31 7
3819 Other fabricated metal products	18257	11169	15939	21523	6651	4405	5475	7492	37 5	34 8	34 8	24 7
382 Non-electrical machinery	1938	947	749	843	1223	690	399	498	63 1	59 1	54 9	53 0
3821 Engines and turbines												
3822 Agricultural machinery and equipment	1938m/	947m/			1223m/	690m/			63 1			54 9
3823 Metal and wood working machinery												
3824 Other special industrial machinery												
3825 Office, computing and accounting machinery												
3829 Other non-electrical machinery & equipment	m/	m/	749	843	m/	m/	399	498	59 1			53 0
383 Electrical machinery	9590	5743	5986	7210	3961	2705	2587	2898	41 3	40 2	30 2	22 0
3831 Electrical industrial machinery												
3832 Radio, television and communication equipm												
3833 Electrical appliances and housewares												
3839 Other electrical apparatus and supplies	9590	5743			3961	2705			41 3			30 2
384 Transport equipment	15262	11888	12952	7046	9551	7405	10057	4204	62 6	59 7	51 0	40 8
3841 Shipbuilding and repairing	12202	9585	10673	4115	8300	6684	9272	2855	68 0	59 6	52 0	42 1
3842 Railroad equipment												
3843 Motor vehicles	3060n/	2103n/	2279	2931	1251n/	721n/	785	1339	40 9	45 7	44 8	38 2
3844 Motorcycles and bicycles												
3845 Aircraft												
3849 Other transport equipment	n/	n/			n/	n/						
385 Professional and scientific equipment	4400	3700	4535	5693	2643	2200	2600	3250	60 1	57 3	20 7	23 4
3851 Prof and scientific equipment n.e.c	4400p/	3700p/	4535p/	3744	2643p/	2200p/	2600p/	2272	60 1	50 7	20 7	23 7
3852 Photographic and optical goods	p/	p/	p/	1949	p/	p/	p/	988	50 7			22 9
3853 Watches and clocks												
390 Other manufacturing industries	285213e/	209175e/	219740g/	218284g/	45600e/	40881e/	24166g/	15919g/	16 0	7 3	40 1	
3901 Jewellery and related articles	1856	990		1612	850	634		710	45 8	44 0	84 2	46 9
3902 Musical instruments												
3903 Sporting and athletic goods												
3909 Manufacturing industries, n.e.c.	283357f/	208185f/	219740h/	216572h/	44988f/	40047f/	24166h/	15209h/	15 9	7 0	39 1	
3 Total manufacturing	1773645	1393368	1476209	1685722	648309	485422	463198	596511	36 6	36 4	31 4	31 9

a/ 3213 includes 3214
c/ 3311 includes 3319
e/ 390 includes 353 and 354
g/ 390 includes 353
i/ 3691 includes 3692
k/ 3811 includes 3812
n/ 3843 includes 3849

b/ 3231 includes 3233
d/ 3411 includes 3419
f/ 3909 includes 353 and 354
h/ 3909 includes 353
j/ 371 includes 372
m/ 3822 includes 3829
p/ 3851 includes 3852

Panama

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(thousand BALBOAS)				Note	(1980=100)									
		1987	1988	1989	1990		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		21106	20044	13750	16317		108	104	111	97	104	108	113	119	124	
313 Beverages		3731	638	1893	4388		110	122	129	113	126	142	153	166	163	
314 Tobacco		1502	484	1297	1393		83	83	79	64	60	78	73	77	87	
321 Textiles		372	212	146	925		93	97	96	68	96	110	112	99	100	
322 Wearing apparel, except footwear		1102	765	533	-190		128	126	124	89	93	103	126	136	143	
323 Leather and fur products		75	48	67	262		212	270	243	190	137	160	162	162	164	
324 Footwear, except rubber or plastic		-96	-4006	6	265		109	124	119	69	67	64	72	73	76	
331 Wood products, except furniture		71	-123	1027	342		83	73	72	37	61	68	67	68	69	
332 Furniture and fixtures, excl. metal		299	376	241	102		108	123	108	43	63	74	84	87	93	
341 Paper and products		2278	2063	1039	1488		113	109	122	116	122	130	134	136	141	
342 Printing and publishing		678	1921	280	2230		111	104	85	61	66	82	86	99	107	
351 Industrial chemicals		282	298	-	10		158	162	189	147	161	166	170	188	208	
352 Other chemicals		1852	1624	2296	1513		129	140	148	117	126	132	147	162	173	
353 Petroleum refineries		a/	a/	b/		c/	68	63	77	64	61	64	62	96	66	
354 Misc. petroleum and coal products		a/	a/		128											
355 Rubber products		309	136	39	39		49	41	113	166	169	162	141	196	223	
356 Plastic products		4420	317	725	1901		134	137	166	123	144	166	182	207	222	
361 Pottery, china, earthenware		-	-	-	-											
362 Glass and products		3107	1239	1097	296		144	167	178	82	85	119	191	160	210	
369 Other non-metallic mineral products		1580	1716	1181	679		83	101	109	42	40	66	86	118	146	
371 Iron and steel		464d/	554d/	75d/	8	d/	62	70	107	36	34	68	86	98	122	
372 Non-ferrous metals		d/	d/	d/	236											
381 Fabricated metal products		689	539	767	1073		85	89	110	48	62	68	79	86	94	
382 Non-electrical machinery		4	5	-	13		166	241	432	203	116	268	136	88	133	
383 Electrical machinery		347	103	70	748		164	143	162	76	70	110	140	164	226	
384 Transport equipment		169	163	76	196		331	368	296	216	216	278	167	169	176	
385 Professional and scientific equipment		6	19	8	48		177	166	148	142	160	177	179	192	209	
390 Other manufacturing industries		-1049a/	3625a/	3412b/	2393		224	248	238	162	197	194	188	199	247	
3 Total manufacturing		43269	32751	30014	5803		106	107	116	86	90	101	110	121	129	

a/ 390 includes 353 and 354.
c/ 353 includes 354

b/ 390 includes 363.
d/ 371 includes 372.

PHILIPPINES

Supplier of information:

National Statistics Office, Manila. The indices of industrial production are compiled by the Central Bank of the Philippines, Manila.

Basic source of data:

Annual survey and census every five years.

Major deviations from current version of ISIC:

None reported.

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

Except for 1987, establishments with 10 or more persons engaged. For 1987 the data include establishments with average monthly sales or receipts of one million pesos or more. For 1990 and 1991, the data refer to all establishments.

Method of enumeration:

Prior to 1989, establishments with 20 or more workers are completely enumerated, and smaller establishments are sampled. For 1989 through 1991, establishments with 50 or more workers are completely enumerated, and those with less than 50 workers are sampled.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Wages and salaries includes severance pay.

Related national publications:

Annual Survey of Manufactures, published by the National Statistics Office, Manila.

Philippines

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (thousands)				Note	Wages and salaries paid to employees (million PESOS)			
		1988	1989	1990	1991		1988	1989	1990	1991		1988	1989	1990	1991
311/2 Food Products		3070	2493	36707	39000		166 8	164 3	266 5	256 5		6682	6774	9561	12041
3111 Slaughtering, preparing & preserving meat		70	64	248	343		8 6	7 3	8 6	9 2		361	423	542	711
3112 Dairy products		54	43	404	430		6 3	6 1	8 7	7 0		822	609	1028	1067
3113 Canning, preserving of fruits & vegetables		87	79	128	140		19 4	21 0	14 2	15 0		930	1172	936	1724
3114 Canning, preserving and processing of fish		109	100	743	768		14 2	18 2	20 5	22 7		426	575	608	881
3115 Vegetable and animal oils and fats		65	66	144	157		6 1	6 1	6 5	6 4		222	278	340	408
3116 Grain mill products		540	458	21148	21936		28 1	9 9	51 0	51 8		238	296	1021	1360
3117 Bakery products		1674	1246	11939	13226		28 1	30 4	86 8	79 5		464	629	1386	1927
3118 Sugar factories and refineries		54	49	207	207		26 9	28 5	30 6	27 6		1076	1339	1631	1816
3119 Cocoa, chocolate and sugar confectionery		107	99	505	511		5 3	5 8	7 0	6 8		184	206	312	313
3121 Other food products		230	210	1126	1136		25 5	24 1	25 7	22 8		932	1021	1331	1366
3122 Prepared animal feeds		80	79	115	140		6 3	7 0	7 0	7 7		218	224	429	502
313 Beverages		103	100	823	719		30 2	31 0	33 2	33 2		1647	2082	2447	3086
3131 Distilling, rectifying and blending spirits		47	46	127	133		5 4	4 8	5 7	5 5		135	203	293	416
3132 Wine industries		9	8	647	534		0 1	0 1	0 4	0 2		2	2	5	6
3133 Malt liquors and malt		7	5	6	6		5 5	5 9	7 1	6 7		485	538	678	732
3134 Soft drinks and carbonated waters		40	41	43	46		19 1	20 2	19 9	20 7		1028	1340	1473	1933
314 Tobacco		32	33	31	31		14 3	13 8	13 0	13 5		491	578	654	855
321 Textiles		547	537	1850	1781		89 1	100 7	98 9	86 2		2414	3279	3493	3885
3211 Spinning, weaving and finishing textiles		185	178	571	560		58 7	63 7	59 1	50 1		1642	2106	2310	2384
3212 Made-up textile goods excl. wearing apparel		59	56	264	251		6 8	9 3	6 6	8 7		132	248	662	764
3213 Knitting mills		138	142	177	189		16 8	18 6	22 4	18 9		477	667	252	313
3214 Carpets and rugs		15	16	273	261		0 6	2 5	1 7	1 6		16	78	83	63
3215 Cordage, rope and twine		137	134	558	502		5 7	6 0	6 4	7 7		129	166	181	292
3219 Other textiles		13	11	17	18		0 7	0 6	0 7	1 1		18	27	34	68
322 Wearing apparel, except footwear		1556	1391	14123	14398		140 2	190 7	183 5	182 9		3856	6167	6376	7004
323 Leather and fur products		120	109	339	328		5 0	8 1	8 3	8 6		109	228	290	354
3231 Tanneries and leather finishing		42	40	52	51		1 2	3 4	3 4	3 9		18	97	111	142
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prod. excl. wearing apparel		78	69	287	277		3 9	4 7	4 9	4 7		91	131	179	212
324 Footwear, except rubber or plastic		441	363	2061	2010		8 8	9 5	13 5	20 3		128	160	241	459
331 Wood products, except furniture		632	661	2745	2838		55 8	64 3	49 7	47 2		1486	1646	1669	1707
3311 Sawmills, planing and other wood mills		343	346	564	617		46 2	43 6	32 7	31 5		1318	1416	1197	1186
3312 Wooden and cane containers		135	122	486	472		3 7	3 7	3 8	4 5		77	91	91	154
3319 Other wood and cork products		204	193	1695	1749		5 9	7 1	13 4	11 3		91	139	371	367
332 Furniture and fixtures, excl. metal		678	585	5344	5714		40 5	42 0	48 9	42 0		811	967	1290	1389
341 Paper and products		176	165	307	342		15 4	15 7	15 5	16 6		656	720	847	1051
3411 Pulp, paper and paperboard articles		36	36	41	48		7 0	7 1	6 8	6 9		349	387	394	451
3412 Containers of paper and paperboard		81	74	137	148		5 5	5 7	6 0	6 6		207	223	320	421
3419 Other pulp, paper and paperboard articles		59	55	129	146		2 8	2 9	2 7	3 0		98	111	133	173
342 Printing and publishing		636	554	2362	2490		19 8	21 6	28 5	29 8		672	887	1202	1610
351 Industrial chemicals		115	133	169	203		10 9	10 5	11 7	13 0		669	768	968	1212
3511 Basic chemicals excl. fertilizers		67	69	90	100		4 5	4 8	5 5	5 7		261	343	441	563
3512 Fertilizers and pesticides		26	23	25	31		3 9	3 3	3 2	3 2		269	281	292	301
3513 Synthetic resins and plastic materials		22	41	54	72		2 5	2 5	3 0	4 1		160	136	226	367
352 Other chemicals		301	306	409	466		29 6	31 9	31 8	32 0		2531	3127	3864	4807
3521 Paints, varnishes and lacquers		41	41	49	59		2 9	3 1	3 1	3 2		123	139	146	199
3522 Drugs and medicines		98	99	111	133		14 0	14 2	14 5	14 6		1378	1704	2103	2502
3523 Soap, cleaning preps., perfumes, cosmetics		61	62	79	87		7 0	7 9	8 3	8 5		744	863	1162	1566
3529 Other chemical products		101	104	170	187		5 7	6 7	6 0	5 7		285	421	484	641
353 Petroleum refineries		4	4	4	4		2 4	2 4	2 5	2 4		455	528	701	836

354 Misc petroleum and coal products	16	12	14	17	0 6	0 5	0 5	0 6	23	15	22	32
355 Rubber products	174	162	419	410	26 1	26 6	29 7	26 9	1088	1094	1508	1647
3551 Tyres and tubes	59	54	119	119	6 2	4 6	5 1	5 2	508	376	633	614
3559 Other rubber products	115	108	300	291	19 9	22 0	24 6	21 7	580	719	976	1032
356 Plastic products	300	280	374	405	17 5	20 0	20 3	20 0	527	666	766	1081
361 Pottery, china, earthenware	59	51	754	787	5 0	4 6	5 4	6 4	181	208	262	396
362 Glass and products	35	33	67	85	5 8	7 3	8 5	8 5	424	602	834	924
369 Other non-metallic mineral products	370	333	2561	2738	18 8	18 8	28 8	28 6	594	845	1196	1622
3691 Structural clay products	20	20	144	101	1 4	3 2	3 0	5 6	63	160	89	368
3692 Cement, lime and plaster	17	17	18	20	5 9	8 0	6 4	6 1	300	400	524	603
3699 Other non-metallic mineral products	333	296	2399	2617	9 5	9 6	19 4	16 8	242	285	683	661
371 Iron and steel	127	139	193	216	16 5	17 5	19 2	19 4	712	1099	1311	1667
372 Non-ferrous metals	35	33	88	97	2 6	2 7	2 9	2 9	140	162	172	264
381 Fabricated metal products	519	443	7404	8170	22 5	25 9	36 6	40 4	622	888	1279	1706
3811 Cutlery, hand tools and general hardware	55	37	5083	5469	1 1	1 1	8 1	6 6	40	43	262	176
3812 Furniture and fixtures primarily of metal	36	28	68	78	1 1	1 0	1 1	2 1	23	31	40	96
3813 Structural metal products	168	125	1600	1927	5 4	7 4	10 7	13 6	96	213	289	612
3819 Other fabricated metal products	260	253	653	696	16 0	16 4	16 6	18 1	464	601	698	922
382 Non-electrical machinery	552	460	1959	2168	18 2	19 8	24 2	24 8	543	727	928	1274
3821 Engines and turbines	47a/	39a/	3	5	1 1a/	1 0a/	0 1	0 1	23a/	26a/	2	6
3822 Agricultural machinery and equipment	a/	a/	166	180	a/	a/	1 1	1 1	a/	a/	34	39
3823 Metal and wood working machinery	17	16	25	37	0 7	0 6	0 9	1 0	18	17	34	62
3824 Other special industrial machinery	18	17	38	46	0 4	0 5	0 7	1 0	18	23	28	77
3825 Office computing and accounting machinery	24	20	118	164	1 1	2 1	1 8	2 1	63	128	67	103
3829 Other non-electrical machinery & equipment	446	368	1609	1756	14 8	15 5	19 6	19 5	431	533	762	986
383 Electrical machinery	214	208	286	338	54 3	58 0	76 2	89 9	2745	3070	4489	6460
3831 Electrical industrial machinery	35	31	75	78	2 7	2 5	3 2	4 3	138	166	272	368
3832 Radio, television and communication equipm	84	85	102	146	39 2	42 7	54 1	61 8	2086	2289	3260	4620
3833 Electrical appliances and housewares	24	25	31	28	2 7	2 9	4 0	3 2	106	132	207	199
3839 Other electrical apparatus and supplies	71	67	78	86	9 7	9 9	14 8	20 6	416	494	750	1273
384 Transport equipment	230	210	598	653	13 9	17 3	22 7	22 8	563	616	1198	1379
3841 Shipbuilding and repairing	52	51	107	104	5 2	5 2	5 7	5 2	196	222	286	268
3842 Railroad equipment	-	-	b/	b/	-	-	b/	b/	-	-	b/	b/
3843 Motor vehicles	157	138	228	254	7 6	10 4	8 3	8 4	328	513	662	622
3844 Motorcycles and bicycles	15	13	115	136	0 8	1 0	2 1	2 2	26	43	89	149
3845 Aircraft	6c/	8c/	9	12	0 3c/	0 7c/	0 5	0 5	13c/	38c/	22	37
3849 Other transport equipment	c/	c/	b/	b/	c/	c/	b/	b/	c/	c/	b/	b/
385 Professional and scientific equipment	25	23	12	16	4 7	4 2	2 9	2 8	167	181	161	212
3851 Prof and scientific equipment n e c	-	-	8	9	-	-	0 2	0 4	-	-	12	29
3852 Photographic and optical goods	-	-	4d/	7d/	-	-	2 7d/	2 5d/	-	-	149d/	184d/
3853 Watches and clocks	-	-	d/	d/	-	-	d/	d/	-	-	d/	d/
390 Other manufacturing industries	371	333	1822	1874	22 7	20 2	25 1	27 5	556	566	867	1120
3901 Jewellery and related articles	37	39	569	613	1 3	1 7	2 4	2 6	32	49	82	113
3902 Musical instruments	12	9	29	26	1 1	1 1	0 7	0 6	32	27	22	21
3903 Sporting and athletic goods	10	11	25	26	1 0	1 6	1 7	2 0	34	67	71	103
3909 Manufacturing industries, n e c	312	274	1199	1209	19 3	16 8	20 3	22 3	467	433	693	884
3 Total manufacturing	11488	10154	83825	88298	845 1	940 3	1108 5	1105 7	30372	36831	48577	60566

a/ 3821 includes 3822
c/ 3845 includes 3849

b/ Data suppressed due to confidentiality rules
d/ 3852 includes 3853

Philippines

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million PESOS)					(million PESOS)				(percentage)		(percentage)	
		1988	1989	1990	1991		1988	1989	1990	1991	1988	1991	1988	1991
2 Food Products		83367	99922	145980	155969	22807	26671	53623	45781	27.4	29.4	24.4	26.3	
3111 Slaughtering, preparing & preserving meat		5179	6742	7857	9205	952	2062	2014	2680	18.4	28.0	37.9	27.6	
3112 Dairy products		7168	8275	14450	17640	2057	2713	5589	4830	28.7	27.4	25.4	22.1	
3113 Canning, preserving of fruits & vegetables		5696	6242	6036	9320	2755	2040	1690	3331	48.4	33.9	33.8	51.8	
3114 Canning, preserving and processing of fish		7254	9873	9940	12741	955	2008	2699	3180	13.2	25.0	44.6	27.1	
3115 Vegetable and animal oils and fats		12885	13417	14338	14838	2186	1800	2940	2494	17.0	16.8	10.2	16.4	
3116 Grain mill products		9029	11676	21440	23318	1944	1899	4304	5464	21.5	23.4	12.2	24.9	
3117 Bakery products		3483	4843	9995	12118	1142	1619	3667	4660	32.8	38.5	39.8	41.4	
3118 Sugar factories and refineries		13721	16394	23072	24898	5263	4785	8808	7225	38.4	29.0	20.4	25.1	
3119 Cocoa, chocolate and sugar confectionery		1680	2480	3049	4049	463	698	850	1206	27.6	29.8	39.7	26.0	
3121 Other food products		11489	13668	28771	17869	3377	5321	19222	8705	29.4	48.7	27.5	15.6	
3122 Prepared animal feeds		5782	6313	7032	9477	1712	1730	1841	2106	29.6	22.2	12.7	23.8	
313 Beverages		25189	31392	33333	41210	14626	18167	19822	25126	58.1	61.0	11.3	12.3	
3131 Distilling, rectifying and blending spirits		2359	3770	4951	6459	599	1281	2330	2873	25.4	44.5	22.5	14.5	
3132 Wine industries		25	21	36	35	6	6	13	9	24.0	25.7	33.3	55.6	
3133 Malt liquors and malt		14092	16305	15173	16765	10797	11883	10780	11974	76.6	71.4	4.5	6.1	
3134 Soft drinks and carbonated waters		8713	11297	13173	17951	3225	4996	6699	10271	37.0	67.2	31.8	18.8	
314 Tobacco		16194	17123	18316	18972	8122	8502	10216	11088	50.2	58.4	6.0	7.7	
32 Textiles		19556	24455	27657	28801	5643	7323	9554	9454	28.9	32.8	42.8	41.1	
321 Spinning, weaving and finishing textiles		14153	17327	19802	18297	4167	6163	6594	5705	28.9	31.2	39.4	41.8	
3212 Made-up textile goods excl. wearing apparel		1277	1556	1824	2208	287	472	788	671	22.5	30.4	46.0	41.8	
3213 Knitting mills		2956	3677	4077	5191	875	1140	1414	1984	29.6	38.2	54.6	15.8	
3214 Carpets and rugs		85	411	361	353	34	140	212	178	40.0	50.4	47.1	36.4	
3215 Cordage, rope and twine		1002	1343	1411	2414	248	373	471	745	24.8	30.9	52.0	39.2	
3219 Other textiles		83	140	182	338	32	35	76	170	38.6	60.3	56.3	40.0	
322 Wearing apparel, except footwear		15210	24920	25680	34900	6820	12299	12379	16131	44.8	46.2	56.7	48.4	
323 Leather and fur products		531	788	1094	1616	178	385	598	670	33.5	41.5	61.2	52.8	
3231 Tanneries and leather finishing		106	207	240	390	39	122	153	211	36.8	54.1	46.2	67.3	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-	-	-	-	-	
3233 Leather prod. excl. wearing apparel		425	581	853	1226	139	263	436	459	32.7	37.4	65.5	46.2	
324 Footwear, except rubber or plastic		643	763	1151	2774	232	328	444	1148	36.1	41.4	55.2	40.0	
33 Wood products, except furniture		10936	11180	10870	12844	3283	4280	3998	4993	30.0	38.9	45.3	34.2	
3311 Sawmills, planing and other wood mills		9249	9090	7090	8353	2904	3722	2689	3307	31.4	39.6	45.4	35.9	
3312 Wooden and cane containers		1074	1070	996	1516	207	260	289	388	19.3	25.6	37.2	39.7	
3319 Other wood and cork products		613	1030	2784	2975	172	298	1021	1299	28.1	43.7	52.9	28.3	
332 Furniture and fixtures, excl. metal		3867	4272	5193	5862	1443	1716	2497	2851	37.3	48.6	56.2	48.7	
34 Paper and products		10247	11578	12554	15283	3392	3611	4470	5157	33.1	33.7	19.3	20.4	
3411 Pulp, paper and paperboard articles		6287	6583	6621	7815	2654	2686	2800	3073	42.2	39.3	13.1	16.0	
3412 Containers of paper and paperboard		2902	3524	4648	6131	580	749	1258	1699	20.0	27.7	35.7	24.8	
3419 Other pulp, paper and paperboard articles		1059	1471	1286	1337	168	176	412	385	14.9	28.8	62.0	36.1	
342 Printing and publishing		4166	5580	7311	8274	1395	2026	3029	3476	33.6	42.0	48.2	43.4	
35 Industrial chemicals		14433	15386	18427	24085	5122	4238	6744	9417	35.5	39.1	13.1	12.9	
3511 Basic chemicals excl. fertilizers		5237	6113	7208	8795	1524	1794	2566	3680	29.1	41.8	17.1	15.0	
3512 Fertilizers and pesticides		6363	6869	7192	9541	2427	1813	2481	3282	38.1	34.4	10.7	9.2	
3513 Synthetic resins and plastic materials		2833	2404	4028	5750	1171	631	1709	2456	41.3	42.7	12.8	14.5	
352 Other chemicals		30560	38033	41868	52011	9581	14023	18655	25869	31.4	49.7	26.4	18.6	
3521 Paints, varnishes and lacquers		2498	2852	3323	3678	491	659	980	753	19.7	21.0	25.1	26.4	
3522 Drugs and medicines		13185	15968	16722	19909	4789	7065	8077	10550	36.3	53.0	28.8	23.7	
3523 Soap, cleaning preps., perfumes, cosmetics		10979	13861	16232	22212	2672	4088	7256	11828	24.3	53.3	27.8	13.2	
3529 Other chemical products		3898	5352	6313	6313	1629	2212	2343	2738	41.8	43.4	17.6	19.8	
353 Petroleum refineries		44482	42729	56889	89432	7655	5814	11891	17430	17.2	19.5	5.9	4.8	

354 Misc petroleum and coal products	512	275	524	1156	116	24	71	149	22.7	12.9	19.8	21.5
355 Rubber products	8428	7684	8890	9967	2826	2962	3838	4240	33.5	42.6	38.5	38.8
3551 Tyres and tubes	5438	3911	4479	5296	1839	1557	2066	2100	33.8	39.7	27.6	26.2
3559 Other rubber products	2989	3773	4411	4662	986	1406	1773	2140	33.0	46.9	68.8	48.3
356 Plastic products	6698	7829	9412	12721	2042	1779	2696	4172	30.5	32.8	26.8	26.9
361 Pottery, china, earthenware	786	915	1199	1582	421	603	696	886	63.6	56.0	43.0	44.6
362 Glass and products	3013	3288	3857	5423	1679	1821	2091	2804	55.7	51.7	25.3	33.0
369 Other non-metallic mineral products	7573	10080	13931	16545	2524	4206	5844	6634	33.3	40.1	23.5	22.9
3691 Structural clay products	409	936	1221	2064	226	478	816	1146	55.3	65.7	23.6	32.1
3692 Cement, lime and plaster	5582	7231	8381	10934	1686	2927	2904	3993	30.2	36.5	17.8	16.1
3699 Other non-metallic mineral products	1581	1913	4323	3556	612	803	2124	1496	38.7	42.1	39.5	36.8
371 Iron and steel	19762	25302	29455	32019	4717	4407	6730	8233	23.9	26.7	18.1	19.0
372 Non-ferrous metals	11937	11791	13409	12510	2681	863	2840	876	22.5	7.0	5.2	29.0
381 Fabricated metal products	6074	8169	11046	14093	1810	2535	3789	4984	29.8	35.4	34.4	34.2
3811 Cutlery, hand tools and general hardware	230	274	1422	654	141	167	948	382	61.3	68.4	28.4	46.8
3812 Furniture and fixtures primarily of metal	109	176	181	384	43	70	91	194	39.4	60.6	63.5	49.6
3813 Structural metal products	871	1476	1968	3358	308	620	786	1294	35.5	38.5	30.7	39.6
3819 Other fabricated metal products	4864	6244	7475	9697	1317	1687	1963	3114	27.1	32.1	35.2	29.6
382 Non-electrical machinery	3318	4819	4874	6472	863	1424	2034	2735	25.0	42.3	62.9	46.6
3821 Engines and turbines	133a/	145a/	5	6	49a/	83a/	4	4	36.8	66.7	46.9	...
3822 Agricultural machinery and equipment	a/	a/	195	280	a/	a/	74	113	...	40.4	...	34.5
3823 Metal and wood working machinery	94	109	125	305	46	60	73	152	48.9	49.8	39.1	40.8
3824 Other special industrial machinery	103	134	152	402	39	64	82	214	37.9	63.2	46.2	36.0
3825 Office, computing and accounting machinery	453	1415	220	467	63	189	131	239	11.7	61.2	...	43.1
3829 Other non-electrical machinery & equipment	2535	3016	4177	6013	676	1048	1670	2013	28.7	40.2	63.8	49.0
383 Electrical machinery	25628	32798	48609	71131	6488	9666	18842	27069	25.3	38.0	42.3	23.8
3831 Electrical industrial machinery	878	1052	1800	2142	282	408	746	963	32.1	45.0	46.9	37.2
3832 Radio, television and communication equipm	18546	22113	32925	48870	4816	5613	12942	19420	24.4	39.7	45.2	23.8
3833 Electrical appliances and housewares	1149	2202	2697	2288	366	877	733	807	31.9	35.3	29.0	24.7
3839 Other electrical apparatus and supplies	5065	7431	11187	17831	1324	2767	4421	5868	26.2	32.9	31.4	21.7
384 Transport equipment	8895	18170	24414	24350	2353	4848	6289	6122	26.5	26.1	23.9	22.5
3841 Shipbuilding and repairing	808	925	1229	1162	354	441	606	642	43.8	66.7	65.4	41.7
3842 Railroad equipment	-	-	b/	b/	-	-	b/	b/	...	...	...	...
3843 Motor vehicles	7337	15818	18258	12084	1650	3599	3856	2192	22.5	18.1	19.9	23.8
3844 Motorcycles and bicycles	641	1292	2704	2994	280	461	923	670	43.7	22.4	9.3	22.2
3845 Aircraft	109c/	135c/	198	242	69c/	47c/	117	120	63.3	49.6	18.8	30.8
3849 Other transport equipment	c/	c/	b/	b/	c/	c/	b/	b/	...	...	...	...
385 Professional and scientific equipment	629	704	396	628	303	370	278	369	48.2	68.8	61.8	57.5
3851 Prof and scientific equipment n e c	...	...	130	298	...	...	51	118	...	39.6	...	24.6
3852 Photographic and optical goods	...	...	266d/	329d/	...	...	226d/	261d/	...	76.3	...	73.3
3853 Watches and clocks	...	...	d/	d/	...	...	d/	d/	...	...	...	...
390 Other manufacturing industries	2376	3098	4930	5942	982	1063	2272	2446	41.3	41.2	56.6	45.8
3901 Jewellery and related articles	81	127	292	320	46	76	184	187	66.8	68.4	69.6	60.4
3902 Musical instruments	68	64	63	88	36	36	37	36	62.9	40.9	88.9	58.3
3903 Sporting and athletic goods	326	396	553	674	90	104	379	200	27.5	29.7	37.8	51.6
3909 Manufacturing industries, n e c	1900	2511	4022	4859	810	847	1672	2023	42.6	41.5	56.4	43.7
3 Total manufacturing	385010	463055	591268	706653	120106	145550	216210	250301	31.2	35.4	25.3	24.2

a/ 3821 includes 3822
c/ 3845 includes 3849

b/ Data suppressed due to confidentiality rules.
d/ 3852 includes 3853.

Philippines

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million PESOS)					(1980=100)								
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		3011	3225	5705	7130		285	262	285	342	379	410	455	503	525
313 Beverages		780	1034	5133	1561		296	303	388	463	509	581	589	738	718
314 Tobacco		41	153	257	347		326	242	213	218	233	224	245	255	248
321 Textiles		1998	1394	1588	1289		166	221	256	274	288	289	322	317	338
322 Wearing apparel, except footwear		320	914	466	536	a/	233	294	367	430	537	658	670	723	811
323 Leather and fur products		28	12	29	60		141	132	151	177	198	217	253	277	296
324 Footwear, except rubber or plastic		12	19	29	172	a/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		340	311	411	374		157	117	130	171	185	253	257	278	321
332 Furniture and fixtures, excl. metal		99	128	142	131		232	248	258	323	401	509	547	551	590
341 Paper and products		180	208	456	566		170	199	222	260	319	322	359	281	274
342 Printing and publishing		133	337	127	559		270	302	350	400	455	497	595	650	693
351 Industrial chemicals		382	313	845	618		161	161	163	194	209	226	245	265	308
352 Other chemicals		745	1376	1666	1501		...	...	...	...	...	...	...	...	...
353 Petroleum refineries		515	234	1629	4448		...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		6	-	6	16		191	189	196	212	229	331	400	377	361
355 Rubber products		345	479	570	972		192	222	299	374	400	440	524	537	492
356 Plastic products		188	173	391	898		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		72	141	129	46	b/	173	182	213	256	310	355	458	474	544
362 Glass and products		184	192	774	283	b/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		230	380	1348	1060	b/	...	...	...	...	...	...	...	...	...
371 Iron and steel		3197	1021	1656	340		...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		209	247	131	607		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		185	96	192	678		629	1140	1131	1133	1362	1631	1754	1914	2063
382 Non-electrical machinery		180	224	379	720		252	253	251	301	342	413	492	538	616
383 Electrical machinery		1700	1574	4208	4869		281	360	435	588	606	678	795	873	845
384 Transport equipment		297	596	1541	1141		191	495	728	1185	1387	1413	1595	1811	2022
385 Professional and scientific equipment		14	11	30	21		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		77	159	121	131		289	471	464	391	422	452	557	507	554
3 Total manufacturing		15468	14951	29960	31575		...	...	...	...	...	...	...	...	...

a/ 322 includes 324

b/ 361 includes 362 and 369

POLAND

Supplier of information:

Central Statistical Office, Warsaw.

Basic source of data:

Annual statistical reports of enterprises of socialized industry. Socialized industry comprises industrial enterprises (state-owned, co-operative and of social organizations), industrial establishments of non-industrial co-operatives (consumer and horticulture) and budgetary units.

Major deviations from current version of ISIC:

None reported.

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

Prior to 1991 the data for number of enterprises cover socialized and non-socialized industries, while all other variables relate to socialized industries only. Beginning 1991 the data cover all enterprises employing more than 50 persons.

Method of enumeration:

Data are compiled according to the enterprise and self-financing establishment method.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of establishments is as of 31 December of the reference year.

Number of employees includes part-time employees expressed in terms of full-time equivalents.

Gross fixed capital formation includes outlays on non-productive investment (training of staff), outlays on capital repairs are excluded. The value of sales of fixed assets is not deducted.

Related national publications:

Rocznik Statystyczny Przemysłu (Statistical Yearbook of Industry); Rocznik Statystyczny (Statistical Yearbook); Concise Statistical Yearbook of Poland, all published by the Central Statistical Office, Warsaw.

Poland

ISIC Industry	Note	Number of enterprises				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(billion ZLOTYS)			
		1990a/	1991b/	1992b/	1993b/		1990c/	1991b/	1992b/	1993b/		1990c/	1991b/	1992b/d/	1993b/d/
311/2 Food Products		910	1086	1149	1220		366	360	349	325		4398.6	7411.2	11769.9	14252.7
313 Beverages		84	123	115	118		29	31	30	31		388.3	823.2	1433.4	1971.1
314 Tobacco		8	7	8	11		10	11	11	12		143.2	262.6	436.3	714.1
321 Textiles		414	417	393	359		286	220	174	160		2997.2	3778.9	4770.6	5918.4
322 Wearing apparel, except footwear		524	728	681	691		160	161	142	145		1499.8	2602.0	3791.9	5332.2
323 Leather and fur products		104	94	77	67		27	19	15	13		289.6	338.6	416.1	509.9
324 Footwear, except rubber or plastic		122	169	170	158		86	72	60	50		799.1	1166.4	1482.6	1634.0
331 Wood products, except furniture		258	299	238	233		65	58	57	55		742.3	1074.6	1719.1	2285.3
332 Furniture and fixtures, excl. metal		290	302	289	283		77	82	72	70		782.2	1437.7	2096.2	2806.7
341 Paper and products		66	92	93	88		42	39	33	31		500.3	780.9	1142.5	1616.3
342 Printing and publishing		148	136	118	115		40	33	28	26		441.1	686.2	938.8	1191.9
351 Industrial chemicals		65	67	77	70		108	88	79	76		1496.5	1810.6	2730.3	3670.2
352 Other chemicals		142	183	169	169		55	56	57	55		715.6	1281.1	2144.2	3189.1
353 Petroleum refineries		8	9	8	10		16	18	16	16		381.9	450.7	923.2	1616.4
354 Misc. petroleum and coal products		4	5	4	4		13	11	7	7		224.9	366.8	370.7	607.1
355 Rubber products		45	48	50	44		34	29	23	23		366.6	621.8	760.6	1122.6
356 Plastic products		135	147	147	148		41	42	37	36		466.0	856.9	1266.8	1712.6
361 Pottery, china, earthenware		34	38	40	32		24	21	17	17		266.7	361.1	610.6	717.7
362 Glass and products		85	92	87	87		46	42	37	36		610.8	786.2	1097.2	1437.6
369 Other non-metallic mineral products		333	378	379	322		102	96	83	73		1143.6	1886.7	2684.4	3303.9
371 Iron and steel		47	50	48	47		136	126	118	109		2269.2	3261.8	4722.0	6966.2
372 Non-ferrous metals		23	21	22	20		33	32	23	22		616.1	868.3	981.9	1324.8
381 Fabricated metal products		823	522	506	489		196	174	160	146		2181.8	3288.8	4612.2	6228.3
382 Non-electrical machinery		719	743	716	683		416	369	298	268		6168.0	7091.7	9646.4	12012.2
383 Electrical machinery		355	363	339	318		236	187	144	129		2736.0	3638.9	5421.0	6077.2
384 Transport equipment		324	335	291	391		276	235	206	198		3474.8	4664.2	7004.6	9636.1
385 Professional and scientific equipment		106	98	86	78		37	29	23	20		421.7	680.8	707.3	960.6
390 Other manufacturing industries		242	192	141	126		62	42	24	20		734.3	873.0	706.0	772.0
3 Total manufacturing		6417	6744	6448	6381		3014	2671	2322	2166		36010.9	62799.0	76163.8	98164.8

a/ Socialized and non-socialized industry
c/ Socialized industry only.

b/ Enterprises with more than 50 employees.
d/ Wages and salaries relate to gross salaries.

Poland

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(billion ZLOTYS)					(billion ZLOTYS)				(percentage)		(percentage)	
		1990a/	1991b/	1992b/	1993b/		1990a/	1991b/	1992b/	1993b/	1990	1993	1990	1993
311 2 Food Products	c/	67324 0	90834 0	117319 0	152458 0	24654 0	27130 0	36544 0	43283 0	36 6	28 4	17 8	32 9	
313 Beverages		21124 0	35978 0	48301 0	62494 0	17465 0	32054 0	40540 0	43455 0	82 7	69 5	2 2	4 6	
314 Tobacco		5278 0	9941 0	15998 0	24322 0	3603 0	6833 0	11903 0	15405 0	68 3	63 3	4 0	4 6	
321 Textiles		20631 0	21084 0	23661 0	32373 0	11608 0	9291 0	10877 0	12802 0	56 3	39 5	25 8	46 2	
322 Wearing apparel, except footwear		6960 0	10088 0	12011 0	17769 0	4106 0	5508 0	7132 0	10308 0	59 0	58 0	36 5	51 7	
323 Leather and fur products		2617 0	2302 0	2358 0	3223 0	1141 0	912 0	886 0	1064 0	43 6	33 0	23 6	47 9	
324 Footwear, except rubber or plastic		5014 0	5876 0	5836 0	6773 0	2494 0	2437 0	2693 0	2677 0	49 7	38 0	32 0	63 4	
331 Wood products, except furniture		7928 0	9981 0	11961 0	16604 0	3085 0	3399 0	4409 0	5708 0	38 9	34 4	24 1	40 0	
332 Furniture and fixtures, excl. metal		5627 0	9456 0	12492 0	16906 0	2916 0	3663 0	5364 0	6547 0	51 8	38 7	26 8	42 9	
341 Paper and products		7305 0	8739 0	11306 0	14759 0	3309 0	2761 0	3653 0	4459 0	45 3	30 2	15 1	34 0	
342 Printing and publishing		2675 0	4145 0	3025 0	6061 0	1574 0	2280 0	2136 0	2738 0	52 8	45 2	28 0	43 5	
351 Industrial chemicals		24331 0	25396 0	31679 0	40073 0	10031 0	6626 0	10292 0	10904 0	41 2	27 2	14 9	32 7	
352 Other chemicals		11846 0	18681 0	18094 0	32631 0	6169 0	8795 0	9055 0	13266 0	52 1	40 7	11 6	24 0	
353 Petroleum refineries		25805 0	34516 0	58437 0	90842 0	13480 0	12423 0	26972 0	35580 0	52 2	39 2	2 8	4 3	
354 Misc. petroleum and coal products		6462 0	8157 0	5716 0	7939 0	2363 0	1131 0	1270 0	1299 0	36 6	16 4	9 5	39 0	
355 Rubber products		3763 0	4359 0	6170 0	8836 0	1989 0	1786 0	2821 0	3618 0	52 9	40 9	18 4	31 0	
356 Plastic products		5212 0	8395 0	10462 0	14780 0	2601 0	3232 0	3945 0	5250 0	49 9	35 6	17 9	32 6	
361 Pottery, china, earthenware		1533 0	1944 0	2407 0	3376 0	1021 0	1063 0	1337 0	1787 0	66 6	62 9	25 1	40 2	
362 Glass and products		3976 0	5450 0	6587 0	8397 0	2155 0	2291 0	3016 0	3653 0	54 2	42 3	23 7	40 5	
369 Other non-metallic mineral products		11314 0	15013 0	17682 0	23373 0	5723 0	5601 0	6856 0	8028 0	50 6	34 3	20 0	41 2	
371 Iron and steel		45173 0	40408 0	45865 0	62125 0	17924 0	11668 0	13194 0	16392 0	39 7	26 4	12 6	30 3	
372 Non-ferrous metals		22182 0	21569 0	25152 0	31519 0	9031 0	2294 0	2638 0	2015 0	40 7	9 6	5 7	43 9	
381 Fabricated metal products		18161 0	22836 0	25826 0	36530 0	10266 0	9796 0	11777 0	14355 0	56 5	39 3	21 3	43 4	
382 Non-electrical machinery		40690 0	41107 0	40897 0	55613 0	24741 0	20935 0	20425 0	24060 0	60 8	43 2	20 9	49 9	
383 Electrical machinery		25595 0	25659 0	26483 0	39941 0	13492 0	10280 0	10729 0	14843 0	52 7	37 2	20 3	40 9	
384 Transport equipment		32896 0	32518 0	42135 0	70379 0	17624 0	12693 0	15685 0	24889 0	53 6	36 4	19 7	38 7	
385 Professional and scientific equipment		2420 0	2484 0	2891 0	4227 0	1641 0	1364 0	1771 0	2220 0	67 8	52 6	25 7	42 8	
390 Other manufacturing industries		4029 0	4431 0	2620 0	3112 0	2454 0	1763 0	1239 0	1361 0	60 9	43 4	29 9	57 1	
3 Total manufacturing	c	437871 0	521347 0	633373 0	887435 0	218660 0	209508 0	269169 0	332764 0	49 9	37 6	16 5	29 5	

a/ Socialized industry only

c/ Including sea fishing

b/ Enterprises with more than 50 employees

Poland

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(billion ZLOTYS)					(1980=100)								
		1990a/	1991b/	1992b/	1993b/		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		5581.9	7803.0	9616.0	8323.2		100	104	106	109	97	67	66	72	83
313 Beverages		540.1	1298.0	2415.0	3547.4		77	9	77	78	75	66	71	64	72
314 Tobacco		158.4	554.0	411.0	1094.2		87	93	96	86	98	93	89	93	100
321 Textiles		1178.3	1059.0	1070.0	1450.1		88	89	90	98	102	61	49	48	63
322 Wearing apparel, except footwear		349.5	366.0	1050.0	1269.9		106	112	116	128	124	85	70	84	96
323 Leather and fur products		116.8	51.0	207.0	137.4		111	113	115	126	131	82	69	60	51
324 Footwear, except rubber or plastic		137.6	102.0	175.0	186.6		112	117	124	133	124	82	67	67	73
331 Wood products, except furniture		626.4	530.0	990.0	1581.9		100	104	105	109	109	80	132	164	180
332 Furniture and fixtures, excl. metal		394.9	407.0	687.0	755.3		114	120	122	137	137	104	116	125	131
341 Paper and products		947.4	612.0	924.0	2386.3		103	111	116	123	119	91	88	96	101
342 Printing and publishing		338.7	338.0	634.0	1030.9		136	154	169	187	193	143	124	130	169
351 Industrial chemicals		1691.5	3345.0	3076.0	2826.1		97	101	107	116	116	87	66	71	71
352 Other chemicals		852.6	1148.0	1355.0	2552.6		117	124	130	137	130	92	102	80	99
353 Petroleum refineries		721.7	1317.0	1728.0	2968.0		82	83	84	87	81	61	63	61	69
354 Misc. petroleum and coal products		148.4	200.0	193.0	106.7		115	113	116	109	104	82	60	66	60
355 Rubber products		131.2	100.0	406.0	816.6		87	86	86	90	91	62	54	63	67
356 Plastic products		384.1	501.0	1014.0	1342.6		110	116	121	134	141	111	139	156	184
361 Pottery, china, earthenware		111.2	189.0	200.0	281.5		131	136	139	152	158	117	101	106	117
362 Glass and products		354.0	429.0	489.0	539.6		106	108	113	118	124	89	86	88	95
369 Other non-metallic mineral products		687.0	1003.0	1427.0	2203.8		84	87	91	96	96	69	63	70	74
371 Iron and steel		2519.4	3178.0	3250.0	2921.1		84	87	85	85	78	64	49	47	47
372 Non-ferrous metals		721.4	971.0	1492.0	1377.5		98	98	98	106	106	76	63	68	63
381 Fabricated metal products		1017.9	1068.0	1674.0	2166.2		91	96	100	106	108	75	64	69	79
382 Non-electrical machinery		1735.8	2035.0	1778.0	2146.0		116	125	135	146	144	113	86	77	81
383 Electrical machinery		1318.5	1166.0	2317.0	2806.1		116	126	136	152	156	122	96	96	110
384 Transport equipment		5222.2	7529.0	6457.0	2775.3		95	100	107	113	106	80	60	60	73
385 Professional and scientific equipment		140.0	160.0	344.0	244.7		127	141	154	170	168	133	108	109	116
390 Other manufacturing industries		184.6	195.0	218.0	398.8		137	149	162	178	187	101	73	69	67
3 Total manufacturing		28217.5	37721.0	45498.0	50235.4		98	103	107	114	113	84	73	74	81

a/ Socialized industry only

b/ Enterprises with more than 50 employees.

PORTUGAL

Supplier of information:

National Statistical Institute, Lisbon.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual inquiry of 65000 enterprises in the mining, manufacturing and utilities sectors.

Major deviations from current version of ISIC:

None reported.

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

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Number of employees covers all persons working, on vacation or sick leave, or on strike, during the last week of the year.

Wages and salaries include supplements and employer's contribution.

Output is gross output, defined as the total value of finished goods produced (intermediate goods sold as such are considered as finished products), plus the value of fixed assets produced for own use, industrial work done for others, electricity sold, waste products sold to third persons, less the value of work in progress at the beginning of the year.

Value added is gross output, plus the value of work done in the capacity of sub-contractor, less the value of materials, lubricants and energy consumed, hiring of machinery and contract work done by others, the value of industrial, repair and maintenance work done by others and non-industrial services received, and the value of duties paid for utilisation of manufacturing processes.

Related national publications:

Industrial Statistics (Volume I and Volume II), published by the National Statistical Institute, Lisbon.

Portugal

ISIC Industry	Note	Number of enterprises				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million ESCUDOS)			
		1988	1989	1990	1991		1988	1989	1990	1991		1988	1989	1990	1991
310 Food products				7343	7139			46336	46873			46481	57558		
3111 Slaughtering, preparing & preserving meat				391	417			5383	5839			4672	5615		
3112 Dairy products				232	277			11160	10944			10799	12679		
3113 Canning, preserving of fruits & vegetables				105	94			3253	3175			3932	4257		
3114 Canning, preserving and processing of fish				93	106			4644	4416			3653	3790		
3115 Vegetable and animal oils and fats				826	736			2060	2948			3309	5338		
3116 Grain mill products				794	745			2369	1754			2639	2240		
3117 Bakery products				4447	4341			7381	8168			5462	7271		
3118 Sugar factories and refineries				5	4			1126	966			1690	1816		
3119 Cocoa, chocolate and sugar confectionery				110	104			1750	1415			1983	2172		
3121 Other food products				197	210			2809	3289			5222	6592		
3122 Prepared animal feeds				103	105			4401	3959			5320	5788		
313 Beverages				737	822			11824	11821			14829	17521		
3131 Distilling, rectifying and blending spirits				465	524										
3132 Wine industries				202	228			2966	3377			3629	4690		
3133 Malt, liquors and malt				5	5			4722	4404			7203	7891		
3134 Soft drinks and carbonated waters				65	65			4136	4040			4097	4940		
314 Tobacco				5	4			1797	1593			2701	2880		
32 Textiles				4300	4010			110694	100787			85650	87015		
321 Spinning, weaving and finishing textiles				1169	1075			74689	68100			59514	60616		
322 Made-up textile goods excl. wearing apparel				1063	1011			4793	3991			4108	3207		
3221 Knitting mills				1706	1464			23754	21263			16326	16655		
3222 Carpets and rugs				295	263			2143	2271			1457	1651		
3223 Cordage, rope and twine				45	45			4310	4036			3293	3615		
3229 Other textiles				112	152			997	1126			952	1142		
323 Wearing apparel, except footwear				8273	8805			54416	61274			35575	46660		
3231 Leather and fur products				819	834			2014	1793			1962	2127		
3232 Tanneries and leather finishing				196	193										
3233 Fur dressing and dyeing industries				22	19										
3234 Leather goods excl. wearing apparel				601	622										
324 Footwear, except rubber or plastic				1742	1929			27755	30303			18016	22555		
33 Wood products, except furniture				7783	7426			12837	12920			11571	13389		
331 Sawmills, planing and other wood mills				6184	5458			7115	6147			6539	6382		
3312 Wood and cane containers				509	353										
3319 Other wood and cork products				1090	1615										
332 Furniture and fixtures, excl. metal				6584	6811			4134	3331			3419	3205		
34 Paper and products				423	424			12885	11151			21616	23256		
341 Pulp, paper and paperboard articles				91	97			10641	9228			18711	20397		
3412 Containers of paper and paperboard				194	202			1521				1639			
3419 Other pulp, paper and paperboard articles				138	125			723				1266			
342 Printing and publishing				2433	2554			12059	11038			17490	17122		
35 Industrial chemicals				174	190			9545	5842			16964	13158		
351 Basic chemicals excl. fertilizers				79	86				2583				6161		
3512 Fertilizers and pesticides				23	30				1026				2499		
3513 Synthetic resins and plastic materials				72	74			1865	2133			4146	4933		
352 Other chemicals				712	693			16387	13814			25777	27854		
3521 Paints, varnishes and lacquers				120	119			2837	2552			4436	4724		
3522 Drugs and medicines				103	106			7224	7039			11798	14044		
3523 Soap, cleaning preps., perfumes, cosmetics				159	146			3294	2279			6415	5320		
3529 Other chemical products				319	309			1733	1654			2490	3063		
353 Petroleum refineries				2	2			5228	4238			13196	12659		

354	Misc petroleum and coal products	32	26						
355	Rubber products	267	250						
3551	Tyres and tubes	164	143		3506	2447		4309	3429
3559	Other rubber products	103	107		2870	1871		3558	2455
					836	776		761	974
356	Plastic products	716	699		6147	6129		6131	7157
361	Pottery, china, earthenware	957	941		13098	13035		12755	14347
362	Glass and products	484	430		7491	6858		9627	10973
369	Other non-metallic mineral products	2811	2832		11949	11512		14901	17172
3691	Structural clay products	392	398		4277	3630		4178	4350
3692	Cement, lime and plaster	64	51		3071	3019		5150	5983
3699	Other non-metallic mineral products	2355	2373		4601	4863		5575	6839
371	Iron and steel	254	267		11499	10166		14953	15048
372	Non-ferrous metals	316	308		2237	2352		2552	2992
381	Fabricated metal products	11597	11485		21303	21715		21242	25109
3811	Cutlery, hand tools and general hardware	8609	8577		5449	4553		5165	4587
3812	Furniture and fixtures primarily of metal	185	187		2399	2785		2468	3271
3813	Structural metal products	835	845		2344	3065		2559	4483
3819	Other fabricated metal products	1968	1876		11111	11301		11129	13758
382	Non-electrical machinery	2407	2373		16299	16379		19299	23003
3821	Engines and turbines	27	36						
3822	Agricultural machinery and equipment	364	351		1066	1171		1239	1632
3823	Metal and wood working machinery	91	94		1103	1197		1097	1305
3824	Other special industrial machinery	538	530		5919	5250		6312	6553
3825	Office, computing and accounting machinery	107	102						
3829	Other non-electrical machinery & equipment	1280	1250		5906	6592		7101	9395
383	Electrical machinery	1173	1170		31104	32895		45553	54402
3831	Electrical industrial machinery	401	351		7903	7143		11910	11657
3832	Radio, television and communication equipm	313	327		12336	12580		18150	24112
3833	Electrical appliances and housewares	71	81		1870	2001		2870	3318
3839	Other electrical apparatus and supplies	388	401		8995	11071		12623	15255
384	Transport equipment	749	749		30862	25380		43081	42742
3841	Shipbuilding and repairing	257	252		9256	8858		15202	17157
3842	Railroad equipment	1	1						
3843	Motor vehicles	419	407		19611	14321		25951	23159
3844	Motorcycles and bicycles	51	58		1743	1946		1574	2051
3845	Aircraft	10	11						
3849	Other transport equipment	11	10						
385	Professional and scientific equipment	236	306		2437	3036		2242	3582
3851	Prof and scientific equipment n e c	135	251						
3852	Photographic and optical goods	23	28		1495	1309		1290	1394
3853	watches and clocks	28	27						
390	Other manufacturing industries	2109	2053		3922	3547		3413	3527
3901	Jewellery and related articles	910	899						
3902	Musical instruments	16	8						
3903	Sporting and athletic goods	59	43						
3909	Manufacturing industries, n e c	1124	1103		2928	2626		2145	2139
3	Total manufacturing	65427	65532		488755	472234		518484	573784

Portugal

ISIC Industry	Note	Output in producers' prices (million ESCUDOS)				Note	Value added in producers' prices (million ESCUDOS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1988	1989	1990	1991		1988	1989	1990	1991	1988	1991	1988	1991
311 2 Food Products				1135277	1236156				186068	188619	15.3		30.6	
3111 Slaughtering, preparing & preserving meat				176524	210398				20366	23280	11.1		24.1	
3112 Dairy products				197014	213200				28968	35404	16.6		35.8	
3113 Canning, preserving of fruits & vegetables				57684	52665				8076	10126	19.2		42.0	
3114 Canning, preserving and processing of fish				63350	77511				9161	3658	4.7			
3115 Vegetable and animal oils and fats				73259	90266				7053	3609	4.0			
3116 Grain mill products				97697	95631				14069	12432	13.0		18.0	
3117 Bakery products				134216	132866				43548	40194	30.3		18.1	
3118 Sugar factories and refineries				40584	41478				8098	7944	19.2		22.9	
3119 Cocoa, chocolate and sugar confectionery				17631	19012				4711	5206	27.4		41.7	
3121 Other food products				77743	91381				17434	20548	22.6		32.1	
3122 Prepared animal feeds				199575	211756				24604	26218	12.4		22.1	
313 Beverages				233877	268166				49011	54284	20.2		32.3	
3131 Distilling, rectifying and blending spirits				734	8966				2368	-1671				
3132 Wine industries				120463	134906				15166	14406	10.7		32.6	
3133 Malt liquors and malt				59720	67409				20358	27166	40.3		29.0	
3134 Soft drinks and carbonated waters				45960	56888				11119	14384	26.3		34.3	
314 Tobacco				99550	115895				84397	99734	86.1		2.9	
32 E Textiles				742794	738629				236617	227941	30.9		38.2	
321 Spinning, weaving and finishing textiles				446807	423507				162606	137728	32.6		43.9	
3212 Made-up textile goods excl. wearing apparel				52480	54229				14446	16016	29.5		20.0	
3213 Knitting mills				191226	205936				62278	66171	27.3		29.7	
3214 Carpets and rugs				14871	17013				4966	5764	33.9		32.6	
3215 Cordage, rope and twine				23463	23431				7586	7867	33.6		46.0	
3219 Other textiles				13947	14513				4018	4406	30.4		25.9	
322 Wearing apparel, except footwear				460919	518644				140358	160693	31.0		29.0	
323 Leather and fur products				79973	77466				17966	17418	22.6		12.2	
3231 Tanneries and leather finishing				64266	56130				13696	11367	20.3			
3232 Fur dressing and dyeing industries				2646	3102				443	267	8.6			
3233 Leather prods. excl. wearing apparel				12961	18233				3927	5784	31.7			
324 Footwear, except rubber or plastic				241859	280392				64463	66873	23.8		33.7	
331 Wood products, except furniture				345231	368075				76562	88872	24.1		16.1	
3311 Sawmills, planing and other wood mills				209669	200721				49862	64479	27.1		11.7	
3312 Wooden and cane containers				3923	4642				1176	1448	31.2			
3319 Other wood and cork products				131639	162712				24826	32946	20.2			
332 Furniture and fixtures, excl. metal				99181	131749				33162	46317	36.2		6.9	
341 Paper and products				275410	270910				82209	74098	27.4		31.4	
3411 Pulp, paper and paperboard articles				214981	195141				71832	58460	30.0		34.9	
3412 Containers of paper and paperboard				28296	31928				4823	8444	26.4			
3419 Other pulp, paper and paperboard articles				32134	43841				5554	7204	16.4			
342 Printing and publishing				200210	256067				74631	88594	34.6		21.6	
351 Industrial chemicals				231733	207897				61624	41808	20.1		32.5	
3511 Basic chemicals excl. fertilizers				72691	79666				17766	20442	26.7		30.1	
3512 Fertilizers and pesticides				56444	32289				16721	6221	19.3		40.2	
3513 Synthetic resins and plastic materials				102598	95942				27137	16146	16.8		32.6	
352 Other chemicals				316068	346522				68648	88697	26.7		31.3	
3521 Paints, varnishes and lacquers				52702	59596				14809	17758	29.8		26.6	
3522 Drugs and medicines				111690	133816				26263	37300	27.9		37.7	
3523 Soap, cleaning preps, perfumes, cosmetics				79414	73593				16670	17426	23.7		30.6	
3529 Other chemical products				37336	46332				10678	13266	28.6		23.1	
353 Petroleum refineries														

354	Misc petroleum and coal products								
355	Rubber products	48394	43631		7724	7666	17.6	44.7	
3551	Tyres and tubes	36895	30248		4086	3343	11.1	73.4	
3559	Other rubber products	11499	13383		3638	4322	32.3	22.6	
356	Plastic products	116322	123397		33714	36697	29.7	19.6	
361	Pottery, china, earthenware	86020	90017		41530	43698	48.6	32.8	
362	Glass and products	64144	72163		24720	28835	40.0	38.1	
369	Other non-metallic mineral products	254710	296937		103162	120634	40.6	14.2	
3691	Structural clay products	49869	51922		23396	22422	43.2	19.4	
3692	Cement, lime and plaster	75275	88003		36886	44978	51.1	13.3	
3699	Other non-metallic mineral products	129566	157012		42871	53134	33.8	12.9	
371	Iron and steel	130688	113289		38849	32746	28.9	46.0	
372	Non-ferrous metals	53403	48847		11510	12128	24.8	24.7	
381	Fabricated metal products	371196	450991		117680	147049	32.6	17.8	
3811	Cutlery, hand tools and general hardware	129433	164149		42676	56930	34.1	8.2	
3812	Furniture and fixtures primarily of metal	28679	34675		9913	11304	32.6	28.6	
3813	Structural metal products	53806	63933		15206	18936	29.6	23.7	
3819	Other fabricated metal products	159278	188234		49887	60880	32.3	22.6	
382	Non-electrical machinery	232285	284275		75322	92851	32.7	24.8	
3821	Engines and turbines	9885	11712		6204	6782	67.9		
3822	Agricultural machinery and equipment	23920	29525		7280	7886	26.7	20.7	
3823	Metal and wood working machinery	12742	12306		4440	4466	36.3	29.3	
3824	Other special industrial machinery	71120	71281		25061	26578	37.3	26.0	
3825	Office, computing and accounting machinery	6441	9755		2188	2639	27.1		
3829	Other non-electrical machinery & equipment	108177	149697		30169	44608	29.7	21.1	
383	Electrical machinery	428660	479057		118829	132587	27.7	41.0	
3831	Electrical industrial machinery	68220	72086		23372	26364	36.6	44.3	
3832	Radio, television and communication equipm	191980	232989		51161	64027	27.6	37.7	
3833	Electrical appliances and housewares	53763	51970		7302	6709	11.0	58.1	
3839	Other electrical apparatus and supplies	114697	122012		37004	36497	29.9	41.9	
384	Transport equipment	513130	493172		83092	81604	16.6	62.4	
3841	Shipbuilding and repairing	64033	77521		27678	32444	41.9	62.9	
3842	Railroad equipment	1514	1635		356	726	44.4		
3843	Motor vehicles	432747	399104		49897	42933	10.8	64.0	
3844	Motorcycles and bicycles	14030	14066		4706	6023	36.7	40.8	
3845	Aircraft	558	610		360	279	46.7		
3849	Other transport equipment	248	246		97	99	40.2		
385	Professional and scientific equipment	16834	23871		5064	9746	40.8	36.8	
3851	Prof and scientific equipment n e c	8952	15402		1629	6416	41.7		
3852	Photographic and optical goods	6802	7201		2990	2861	39.7	48.7	
3853	Watches and clocks	1080	1268		445	468	36.9		
390	Other manufacturing industries	67219	78896		20129	22997	29.1	15.3	
3901	Jewellery and related articles	23023	33555		6487	8334	24.8		
3902	Musical instruments	1197	898		264	162	18.0		
3903	Sporting and athletic goods	2349	2052		808	616	30.0		
3909	Manufacturing industries, n e c	40650	42391		10570	13886	32.8	16.4	
3	Total manufacturing	7266633	7933513		2138888	2293630	28.9	26.0	

Portugal

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million ESCUDOS)					(1980=100)								
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products		52255	54109		97	100	104	113	116	125	125	116	119
313 Beverages		27277	24665		98	102	120	131	152	162	162	159	160
314 Tobacco		1430	1106		117	115	123	118	126	126	132	128	123
321 Textiles		53234	58915	a/	118	127	124	126	124	129	139	135	126
322 wearing apparel, except footwear		26592	23245	a/	..	..	..	..	..	..	..	..	..
323 Leather and fur products		2539	3587		112	126	162	150	166	172	161	139	126
324 Footwear, except rubber or plastic		11400	12973	a/	..	..	..	..	..	..	..	..	..
331 Wood products, except furniture		25271	19259		106	101	108	118	109	106	114	119	130
332 Furniture and fixtures, excl. metal		7696	876		..	..	..	..	..	..	..	..	..
341 Paper and products		38346	71607		143	151	152	159	164	166	163	176	170
342 Printing and publishing		16127	20096		..	..	..	..	..	..	..	..	..
351 Industrial chemicals		10684	-14499	b/	121	134	137	146	150	161	134	121	111
352 Other chemicals		11629	12700	b/	..	..	..	..	..	..	..	..	..
353 Petroleum refineries		c/	109	136	126	139	161	175	166	177	169
354 Misc. petroleum and coal products		c/	..	..	..	..	..	..	..	..	..
355 Rubber products		-4175	-2214		111	119	126	146	143	138	120	85	77
356 Plastic products		9733	11662		..	..	..	..	..	..	..	..	..
361 Pottery, china, earthenware		16636	8871	d/	118	127	144	167	163	176	173	178	186
362 Glass and products		11372	16524	d/	..	..	..	..	..	..	..	..	..
369 Other non-metallic mineral products		29274	56414	d/	..	..	..	..	..	..	..	..	..
371 Iron and steel		27962	10199	e/	104	106	113	121	119	120	107	116	108
372 Non-ferrous metals		3373	-2450	e/	..	..	..	..	..	..	..	..	..
381 Fabricated metal products		28794	29755		77	91	87	90	90	99	99	94	88
382 Non-electrical machinery		11020	14250		90	92	97	103	104	113	101	91	82
383 Electrical machinery		13372	36430		116	93	99	107	109	123	127	131	122
384 Transport equipment		15991	17085		63	66	73	77	75	74	72	69	67
385 Professional and scientific equipment		958	696		..	..	..	..	..	..	..	..	..
390 Other manufacturing industries		3421	3125		..	..	..	..	..	..	..	..	..
3 Total manufacturing		465497	524640		..	..	..	..	..	..	..	..	..

a/ 321 includes 322 and 324
c/ 353 includes 354
e/ 371 includes 372

b/ 351 includes 352
d/ 361 includes 362 and 369

PUERTO RICO

Supplier of information:

Puerto Rico Planning Board, Puerto Rico.

Basic source of data:

Census of manufacturing industries.

Major deviations from current version of ISIC:

Data are collected according to the national classification system (Standard Industrial Classification System), which is not strictly comparable to the ISIC.

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

All establishments with at least one paid employee and operating during a specified week in March.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Number of employees is as of the pay period that includes 12 March of the reference year.

Value added is total value added.

Related national publications:

Census of Manufacturing Industries of Puerto Rico (annual), published by the Puerto Rico Department of Labour and Resources, Puerto Rico.

Puerto Rico

SIC Industry	Note	Number of establishments (numbers)				Note	Number of employees (numbers)				Note	Wages and salaries paid to employees (million DOLLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311.2 Food Products		212	207	201	204		20230	20060				304.0	283.9	321.4	289.0
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		34	33	30	30		3160	3190				50.5	52.4	58.5	60.1
3131 Distilling, rectifying and blending spirits															
3132 Wine industries															
3133 Malt liquors and malt															
3134 Soft drinks and carbonated waters															
314 Tobacco		6	5	4	4		1090	920				24.1	21.5	23.3	22.7
321 Textiles		18	15	12	13		3680	3600				54.4	55.3	61.3	68.5
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		255	246	253	243		31240	29840				433.4	428.7	452.5	439.5
323 Leather and fur products		16	13	9	14		1980	1870				30.7	30.4	30.7	46.4
3231 Tanneries and leather finishing															
3232 Fur dressing and dyeing industries															
3233 Leather products excl wearing apparel															
324 Footwear, except rubber or plastic		14	12	12	10		4300	4040				67.8	67.1	69.0	76.1
331 Wood products, except furniture		93	99	88	85		1110	960				13.4	11.7	12.7	12.0
3311 Sawmills, planing and other wood mills															
3312 Wooden and cane containers															
3319 Other wood and cork products															
332 Furniture and fixtures, excl metal		126	113	109	113		2320	1830				28.9	23.5	25.8	26.6
341 Paper and products		45	47	42	38		2250	2220				40.0	40.5	46.1	43.8
3411 Pulp, paper and paperboard articles															
3412 Containers of paper and paperboard															
3419 Other pulp, paper and paperboard articles															
342 Printing and publishing		118	182	173	169		3520	3840				49.3	53.1	55.3	60.3
351 Industrial chemicals	a/	165	164	164	166		22660a/	23130a/		a/		618.7	655.5	750.4	819.5
3511 Basic chemicals excl fertilizers															
3512 Fertilizers and pesticides															
3513 Synthetic resins and plastic materials															
352 Other chemicals	a/						a/	a/		a/					
3521 Paints, varnishes and lacquers															
3522 Drugs and medicines		83	77	78	79							543.4	570.1	555.9	728.7
3523 Soap, cleaning preps, perfumes, cosmetics															
3529 Other chemical products															
353 Petroleum refineries	b/	27	28	27	28		1790b/	1740b/		b/		40.5	45.0	45.4	41.7

354 Misc petroleum and coal products	b/	...	...	...	...	b/	...	b/	...	b/	...	...	...	...
355 Rubber products		18	13	13	13	1410	1220	...	...	23.0	18.0	13.1	9.3	
3551 Tyres and tubes		...	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products		...	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products		62	60	61	66	3510	3340	...	...	63.7	61.6	62.8	59.6	
361 Pottery, china, earthenware		8	7	7	5	790	730	...	...	...	...	...	0.7	
362 Glass and products		34	36	34	31	1810	1510	...	...	36.9	28.8	30.4	31.0	
369 Other non-metallic mineral products		117	113	...	115	2540	2570	...	...	...	...	...	66.0	
3691 Structural clay products		...	...	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster		...	...	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products		...	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	c/	21	22	23	19	720c/	800c/	...	...	c/	14.9	16.2	20.2	16.2
372 Non-ferrous metals	c/	...	...	...	...	c/	c/	...	...	c/	...	...	...	...
381 Fabricated metal products		182	194	191	194	4460	4280	...	...	75.1	73.3	66.2	69.2	
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		60	59	56	51	4220	3490	...	...	86.3	74.9	75.7	70.3	
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		122	125	113	108	20570	19360	...	...	453.0	421.9	429.1	432.9	
3831 Electrical industrial machinery		...	...	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm		...	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares		...	...	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies		...	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		17	19	19	21	1130	1070	...	...	21.8	20.3	23.8	28.5	
3841 Shipbuilding and repairing		...	...	...	...	...	...	...	...	...	...	...	...	...
3842 Railroad equipment		...	...	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles		...	...	...	...	...	...	...	...	...	...	...	...	...
3844 Moto-cycles and bicycles		...	...	...	...	...	...	...	...	...	...	...	...	...
3845 Aircraft		...	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment		...	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		80	92	84	80	14800	16340	...	...	328.8	400.6	408.6	430.9	
3851 Prof. and scientific equipment n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods		...	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks		...	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		58	51	51	43	3210	2700	...	...	56.8	51.1	44.6	44.9	
3901 Jewellery and related articles		...	...	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments		...	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods		...	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.		...	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		1908	1955	1776	1863	158500	154650	...	...	2918.1	2937.3	3136.9	3265.7	

a/ 351 includes 352
c/ 371 includes 372

b/ 353 includes 354.

Puerto Rico

ISIC Industry	Note	Output (million DOLLARS)				Note	Value added (million DOLLARS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311 2 Food Products		2509.3	2433.6	2499.4	2565.8		673.3	676.0	722.1	715.3	26.8	27.9	45.2	40.4
3111 Slaughtering, preparing & preserving meat		174.4	192.1	190.8	192.9		..	..	..	..	..	..	..	..
3112 Dairy products		317.1	323.4	330.8	333.2		..	..	..	..	..	..	..	..
3113 Canning, preserving of fruits & vegetables		146.9	158.7	167.0	181.1		..	..	..	..	..	..	..	..
3114 Canning, preserving and processing of fish		644.8	467.5	464.9	508.6		..	..	..	..	..	..	..	..
3115 vegetable and animal oils and fats		..	..	..	..		..	..	..	..	..	..	..	..
3116 Grain mill products		257.0	259.4	269.8	262.3		..	..	..	..	..	..	..	..
3117 Bakery products		212.4	208.2	220.8	228.2		..	..	..	..	..	..	..	..
3118 Sugar factories and refineries		..	..	..	..		..	..	..	..	..	..	..	..
3119 Cocoa, chocolate and sugar confectionery		447.4	519.3	538.8	526.1		..	..	..	..	..	..	..	..
3121 Other food products		309.4	305.1	316.5	333.4		..	..	..	..	..	..	..	..
3122 Prepared animal feeds		..	..	..	..		..	..	..	..	..	..	..	..
313 Beverages		3030.3	3244.4	3408.3	3458.6		1117.3	1356.8	1691.0	1688.6	36.9	48.8	4.5	3.6
3131 Distilling, rectifying and blending spirits	a/	261.7	279.0	250.9	265.4		..	..	..	..	..	..	..	..
3132 wine industries	a/	..	..	..	..		..	..	..	..	..	..	..	..
3133 Malt liquors and malt		125.3	119.1	99.7	80.4		..	..	..	..	..	..	..	..
3134 Soft drinks and carbonated waters		2643.3	2846.3	3057.7	3112.7		..	..	..	..	..	..	..	..
314 Tobacco		239.4	254.6	317.4	322.5		170.7	159.2	188.5	177.7	71.3	55.1	14.1	12.8
321 Textiles		106.9	105.0	106.5	109.1		41.8	42.5	45.4	46.1	39.1	42.3	..	..
3211 Spinning, weaving and finishing textiles		..	..	..	..		..	..	..	..	..	..	..	..
3212 Made-up textile goods excl. wearing apparel		..	..	..	..		..	..	..	..	..	..	..	..
3213 Knitting mills		..	..	..	..		..	..	..	..	..	..	..	..
3214 Carpets and rugs		..	..	..	..		..	..	..	..	..	..	..	..
3215 Cordage, rope and twine		..	..	..	..		..	..	..	..	..	..	..	..
3219 Other textiles		..	..	..	..		..	..	..	..	..	..	..	..
322 wearing apparel, except footwear		1077.6	1074.6	1142.3	1186.2		485.8	491.2	536.1	535.8	45.1	45.2	89.2	82.0
323 Leather and fur products	b/	395.7	390.6	396.2	467.6	b/	113.6	116.8	129.1	150.7	28.7	33.5	..	..
3231 Tanneries and leather finishing		..	..	..	..		..	..	..	..	..	..	..	..
3232 Fur dressing and dyeing industries		..	..	..	..		..	..	..	..	..	..	..	..
3233 Leather prods. excl. wearing apparel		..	..	..	..		..	..	..	..	..	..	..	..
324 Footwear, except rubber or plastic	b/	..	..	..	..	b/	..	..	..	..	..	..	..	..
331 wood products, except furniture	c/	178.4	174.3	179.7	179.4	c/	59.0	58.6	61.2	62.2	33.1	34.7	..	..
3311 Sawmills, planing and other wood mills		..	..	..	..		..	..	..	..	..	..	..	..
3312 wooden and cane containers		..	..	..	..		..	..	..	..	..	..	..	..
3319 Other wood and cork products		..	..	..	..		..	..	..	..	..	..	..	..
332 Furniture and fixtures, excl. metal	c/	..	..	..	..	c/	..	..	..	..	..	..	..	..
341 Paper and products		267.5	265.8	260.8	252.8		65.6	71.0	74.0	79.5	24.5	31.5	61.0	55.1
3411 Pulp, paper and paperboard articles		..	..	..	..		..	..	..	..	..	..	..	..
3412 Containers of paper and paperboard		..	..	..	..		..	..	..	..	..	..	..	..
3419 Other pulp, paper and paperboard articles		..	..	..	..		..	..	..	..	..	..	..	..
342 Printing and publishing		389.6	426.8	450.4	455.2		163.7	171.8	175.7	186.3	42.0	40.9	30.1	32.4
351 Industrial chemicals		114.9	110.9	115.1	107.3		38.7	54.3	44.2	34.2	33.7	31.9	..	..
3511 Basic chemicals excl. fertilizers		..	..	..	..		..	..	..	..	..	..	..	..
3512 Fertilizers and pesticides		..	..	..	..		..	..	..	..	..	..	..	..
3513 Synthetic resins and plastic materials		..	..	..	..		..	..	..	..	..	..	..	..
352 Other chemicals		9214.4	10222.3	101286.4	14024.4		5334.2	6096.5	6847.3	7646.2	57.9	54.6	..	..
3521 Paints, varnishes, and lacquers		..	..	..	..		..	..	..	..	..	..	..	..
3522 Drugs and medicines		8307.4	9306.4	100249.8	12912.9		..	..	..	..	..	..	..	..
3523 Soap, cleaning preps., perfumes, cosmetics		..	..	..	..		..	..	..	..	..	..	..	..
3529 Other chemical products		907.0	915.9	1036.6	1111.5		..	..	..	..	..	..	..	..
353 Petroleum refineries	d/	2731.8	2279.7	2117.2	1393.8	d/	204.7	101.1	257.7	185.3	..	..	19.8	22.6

354 Misc. petroleum and coal products		129.4	133.7	149.6	137.2	d/	...	...	...	...	...	...	...	...
355 Rubber products	e/	386.2	452.4	449.2	483.7	e/	163.2	174.5	196.2	217.4	42.3	44.9	...	...
3551 Tyres and tubes		...	...	...	...		...	...	...	...	...	...	...	...
3559 Other rubber products		...	...	...	...		...	...	...	...	...	...	...	...
356 Plastic products	e/	...	...	...	...	e/	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	f/	368.4	378.9	375.4	388.1	g/	177.0	184.4	186.8	191.4	...	...	...	...
362 Glass and products	f/	...	...	...	...	g/	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		133.1	123.1	130.2	132.9	g/	...	...	...	...	...	...	...	...
3691 Structural clay products		...	...	...	...		...	...	...	...	...	...	...	...
3692 Cement, lime and plaster		...	...	...	...		...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products		...	...	...	...		...	...	...	...	...	...	...	...
371 Iron and steel	h/	181.5	167.6	167.5	190.4	h/	64.9	43.3	42.8	44.1	30.2	22.6	27.1	36.7
372 Non-ferrous metals	h/	...	...	...	...	h/	...	...	...	...	...	...	...	...
381 Fabricated metal products		415.1	408.1	403.5	385.5		116.8	114.4	113.8	109.9	27.9	28.6	64.9	63.0
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal		...	...	...	...		...	...	...	...	...	...	...	...
3813 Structural metal products		...	...	...	...		...	...	...	...	...	...	...	...
3819 Other fabricated metal products		...	...	...	...		...	...	...	...	...	...	...	...
382 Non-electrical machinery		2066.8	1696.5	1398.7	1333.2		667.6	552.8	603.1	526.5	32.5	39.6	12.9	13.4
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		3652.7	3259.8	3396.9	3839.7		1408.9	1186.3	1289.1	1426.6	38.6	37.2	32.2	30.3
3831 Electrical industrial machinery		...	...	...	...		...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm		...	...	...	...		...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares		...	...	...	...		...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies		...	...	...	...		...	...	...	...	...	...	...	...
384 Transport equipment		137.9	159.8	91.9	97.2		68.2	65.1	45.4	48.3	49.5	49.7	32.0	59.0
3841 Shipbuilding and repairing		...	...	...	...		...	...	...	...	...	...	...	...
3842 Railroad equipment		...	...	...	...		...	...	...	...	...	...	...	...
3843 Motor vehicles		...	...	...	...		...	...	...	...	...	...	...	...
3844 Motorcycles and bicycles		...	...	...	...		...	...	...	...	...	...	...	...
3845 Aircraft		...	...	...	...		...	...	...	...	...	...	...	...
3849 Other transport equipment		...	...	...	...		...	...	...	...	...	...	...	...
395 Professional and scientific equipment		1800.8	1777.7	2033.4	2173.8		889.3	841.7	940.9	1062.9	49.4	48.9	37.0	40.5
3951 Prof. and scientific equipment n e c		...	...	...	...		...	...	...	...	...	...	...	...
3952 Photographic and optical goods		...	...	...	...		...	...	...	...	...	...	...	...
3953 Watches and clocks		...	...	...	...		...	...	...	...	...	...	...	...
390 Other manufacturing industries		259.9	270.4	245.7	265.9		112.6	106.2	92.8	97.1	43.3	36.6	52.2	46.2
3901 Jewellery and related articles		...	...	...	...		...	...	...	...	...	...	...	...
3902 Musical instruments		...	...	...	...		...	...	...	...	...	...	...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...	...	...	...	...
3909 Manufacturing industries, n e c		...	...	...	...		...	...	...	...	...	...	...	...
3 Total manufacturing		29777.5	29809.6	121121.9	33955.2		12125.8	12661.3	14162.9	16238.5	40.7	44.9	24.1	21.4

a/ 3131 includes 3132
c/ 331 includes 332
e/ 355 includes 356
g/ 361 includes 362 and 369

b/ 323 includes 324.
d/ 353 includes 354.
f/ 361 includes 362.
h/ 371 includes 372.

Puerto Rico

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million DOLLARS)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products		62	55	55	59	52	39	42	38	37
313 Beverages		36	33	42	58	80	87	80	67	47
314 Tobacco	
321 Textiles	
322 wearing apparel, except footwear	
323 Leather and fur products	
324 Footwear, except rubber or plastic	
331 wood products, except furniture	
332 Furniture and fixtures, excl metal	
341 Paper and products	
342 Printing and publishing	
351 Industrial chemicals	
352 Other chemicals	
353 Petroleum refineries	
354 Misc petroleum and coal products	
355 Rubber products	
356 Plastic products	
361 Pottery, china, earthenware	
362 Glass and products	
369 Other non-metallic mineral products		66	78	87	94	93	104	98	99	100
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	

QATAR

Supplier of information:

Central Statistical Organization (CSO), Qatar.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

None reported

Reference period (if not calendar year):

Scope:

Not reported.

Method of enumeration:

Establishments with 20 or more employees are completely enumerated. Smaller establishments are sampled.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

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

Related national publications:

Qatar

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand RIYALS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		174	177	248	246		1644	1688	2006	1948		33796	34343	38942	36580
313 Beverages		5	6	5	5		338	419	370	368		7066	8998	7136	7776
314 Tobacco															
321 Textiles		12	11	34	36		40	39	191	217		185	222	1018	2162
322 Wearing apparel, except footwear	a/	1037	1056	1299	1300	a/	4155	4967	777	8082	a/	42616	47360	30652	65242
323 Leather and fur products		3	3				89	51				1303	1030		
324 Footwear, except rubber or plastic	a/					a/					a/				
331 Wood products, except furniture		174	167	88	83		1800	1429	699	604		24278	23614	10816	7096
332 Furniture and fixtures, excl. metal		66	66	365	361		246	433	2108	1816		2062	4074	32326	28304
341 Paper and products		3	4	3	3		66	76	58	66		922	563	736	673
342 Printing and publishing		17	17	23	22		1010	1062	1676	1270		31019	31818	47836	37168
351 Industrial chemicals		6	6	13	10		1482	1492	1573	930		203278	123980	166108	169368
352 Other chemicals		3	3	5	5		170	219	267	226		4706	5306	5982	5649
353 Petroleum refineries		1	1	1	1		619	699	571	664		61062	76680	74544	72976
354 Misc. petroleum and coal products		4	4	4	5		88	151	282	77		1486	2688	3234	827
355 Rubber products		1	1				30	34				439	566		
356 Plastic products		15	19	19	18		307	397	462	487		5219	6676	8223	9394
361 Pottery, china, earthenware	b/					c/	2263	2120	3122	3316	c/	36194	36667	51906	61603
362 Glass and products		1	1	17	18	c/					c/				
369 Other non-metallic mineral products	b/	127	127	119	126	c/					c/				
371 Iron and steel		1	2	3	3		1074	1097	1162	1169		71966	77980	82783	92262
372 Non-ferrous metals															
381 Fabricated metal products	d/	192	190	265	259	d/	1643	1871	2240	2129	d/	26401	47673	36961	36616
382 Non-electrical machinery	d/					d/					d/				
383 Electrical machinery	d/					d/					d/				
384 Transport equipment	d/					d/					d/				
385 Professional and scientific equipment	d/					d/					d/				
390 Other manufacturing industries		13	14	28	29		99	109	178	179		3220	2199	1966	2771
3 Total manufacturing		1856	1876	2539	2529		17163	18263	24741	23446		666086	632026	660148	646436

a/ 322 includes 324
c/ 361 includes 362 and 369

b/ 369 includes 361.
d/ 381 includes 382, 383, 384 and 385.

Qatar

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million RIYALS)					(million RIYALS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		206	199	216	203		67	64	61	61	32.5	30.0	50.4	60.1
313 Beverages		59	59	56	72		14	13	11	17	23.7	23.6	50.4	45.7
314 Tobacco		...	...	...	...		...	...	...	...	...	...	...	...
321 Textiles		1	1	5	12		1	-	...	6	...	50.0	18.5	35.9
322 Wearing apparel, except footwear	a/	153	141	232	274	a/	105	77	120	146	66.6	63.3	40.6	58.4
323 Leather and fur products		12	8	...	...		5	2	...	...	41.7	...	26.1	...
324 Footwear, except rubber or plastic	a/	...	...	...	...	a/	...	...	...	...	...	...	...	...
331 Wood products, except furniture		110	87	36	31		61	41	14	13	55.5	41.9	39.8	54.6
332 Furniture and fixtures, excl. metal		6	15	138	133		4	7	70	69	66.7	61.9	51.3	41.0
341 Paper and products		2	2	4	3		1	1	1	1	60.0	33.3	92.2	67.3
342 Printing and publishing		119	87	195	123		75	47	136	74	63.0	60.2	41.4	50.2
351 Industrial chemicals		1250	1544	1414	1307		962	1192	798	693	77.0	63.0	21.1	24.4
352 Other chemicals		35	56	59	49		1	3	4	12	2.9	24.6	...	47.1
353 Petroleum refineries		1675	1567	1641	1286		1589	1343	1392	1068	94.9	83.0	3.8	6.8
354 Misc. petroleum and coal products		18	32	23	...		8	7	7	...	44.4	...	18.6	...
355 Rubber products		5	5	...	...		1	3	...	...	20.0	...	43.9	...
356 Plastic products		35	47	49	57		12	18	26	29	34.3	60.9	43.6	32.4
361 Pottery, china, earthenware	b/	215	220	360	641	b/	85	101	147	197	39.5	36.4	41.4	26.1
362 Glass and products	b/	...	...	...	...	b/	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	b/	...	...	...	...	b/	...	...	...	...	...	...	...	...
371 Iron and steel		713	631	692	800		387	322	355	446	54.3	55.7	18.6	20.7
372 Non-ferrous metals		...	...	...	...		...	...	...	...	...	...	...	...
381 Fabricated metal products	c/	98	145	142	120	c/	50	87	73	40	51.0	33.3	60.8	89.0
382 Non-electrical machinery	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
383 Electrical machinery	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
384 Transport equipment	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	c/	...	...	...	...	c/	...	...	...	...	...	...	...	...
390 Other manufacturing industries		6	5	6	8		4	3	3	4	66.7	60.0	80.6	69.3
3 Total manufacturing		4718	4851	5268	5019		3432	3331	3218	2876	72.7	57.3	16.2	22.4

a/ 322 includes 324
c/ 381 includes 382, 383, 384 and 385.

b/ 361 includes 362 and 369.

Qatar

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(thousand RIYALS)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products	
313 Beverages	
314 Tobacco	
321 Textiles	
322 Wearing apparel, except footwear	
323 Leather and fur products	
324 Footwear, except rubber or plastic	
331 Wood products, except furniture	
332 Furniture and fixtures, excl metal	
341 Paper and products	
342 Printing and publishing	
351 Industrial chemicals	
352 Other chemicals	
353 Petroleum refineries	
354 Misc petroleum and coal products	
355 Rubber products	
356 Plastic products	
361 Pottery, china, earthenware	
362 Glass and products	
369 Other non-metallic mineral products	
371 Iron and steel	
372 Non-ferrous metals	
381 Fabricated metal products	
382 Non-electrical machinery	
383 Electrical machinery	
384 Transport equipment	
385 Professional and scientific equipment	
390 Other manufacturing industries	
3 Total manufacturing	

REPUBLIC OF KOREA

Supplier of information:

National Bureau of Statistics, Economic Planning Board, Seoul. The indices of industrial production are compiled by the Bank of Korea, Seoul.

Basic source of data:

Annual survey and the Census of Mining and Manufacturing.

Major deviations from current version of ISIC:

Data are collected under the national classification system which is in line with ISIC Rev. 3. These data have been reclassified by UNIDO to correspond approximately to the current version of the ISIC, Rev. 2.

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

Establishments with 5 or more persons engaged with the following exceptions: (a) establishments under construction as of 31 December of the reference year; (b) establishments operated directly by the Government Armed Forces and allied forces; (c) workshops operated by public occupation guidance centres; and (d) experimental stations or laboratories attached to public organizations and schools. The indices of industrial production cover establishments with 5 or more persons engaged.

Method of enumeration:

During census years all establishments with 5 persons or more engaged are completely enumerated.

Adjusted for non-response:

No.

Concepts and definitions of variables:

Number of employees includes homeworkers.

Wages and salaries includes payments to homeworkers.

Output does not include net revenues from goods shipped in the same condition as received.

Gross fixed capital formation relates to the cost of new and used fixed assets acquired.

Related national publications:

Report on Industrial Survey (Census), Vol I and II (annual); Korea Statistical Yearbook, both published by the National Bureau of Statistics, Economic Planning Board, Seoul. Economic Statistics Yearbook; Monthly Economic Statistics, both published by the Bank of Korea, Seoul.

Republic of Korea

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(billion WON)			
		1990	1991a/	1992a/	1993a/		1990	1991a/	1992a/	1993a/		1990	1991a/	1992a/	1993a/
311/2 Food Products		4064	4242	4609	5410	177.7	176.5	173.7	176.2		979.8	1187.6	1296.4	1610.0	
3111 Slaughtering, preparing & preserving meat		267	309	359	437	14.7	14.3	17.3	17.3		81.4	92.8	132.2	150.7	
3112 Dairy products		63	107	103	110	10.2	14.9	14.2	13.8		86.1	124.6	137.9	169.7	
3113 Canning, preserving of fruits & vegetables		216	246	283	376	8.8	12.6	11.2	10.8		37.0	84.8	68.3	82.0	
3114 Canning, preserving and processing of fish		1434	1376	1733	1982	61.0	49.7	47.8	44.6		181.7	211.0	226.0	262.9	
3115 Vegetable and animal oils and fats		73	66	61	84	4.8	3.3	2.7	2.7		34.6	32.0	30.1	28.7	
3116 Grain mill products		522	541	554	714	9.7	9.6	8.8	9.7		57.0	67.0	68.8	86.6	
3117 Bakery products		418	467	498	599	31.3	31.9	32.6	36.3		187.7	221.6	261.6	317.9	
3118 Sugar factories and refineries		6	3	3	6	1.3	0.7	0.7	0.9		16.1	10.8	9.6	13.2	
3119 Cocoa, chocolate and sugar confectionery		132	80	86	81	13.7	6.7	6.3	7.4		74.6	41.1	69.3	70.7	
3121 Other food products		766	922	787	887	23.0	24.8	23.4	22.3		161.7	191.6	203.6	222.4	
3122 Prepared animal feeds		178	138	143	166	9.3	9.3	8.8	9.7		73.0	90.2	99.2	124.9	
313 Beverages		590	629	464	411	24.0	18.7	17.6	17.3		186.0	177.0	182.0	196.6	
3131 Distilling, rectifying and blending spirits		34	34	33	36	4.8	4.4	4.3	4.6		38.9	42.9	46.1	62.4	
3132 Wine industries		489	434	346	289	6.0	4.1	3.6	3.3		27.6	28.4	29.1	31.6	
3133 Malt, liquors and malt		7	9	11	11	2.2	2.4	2.1	2.8		21.8	31.3	28.2	37.6	
3134 Soft drinks and carbonated waters		60	52	64	76	11.9	7.7	7.6	6.6		96.8	74.3	79.6	76.0	
314 Tobacco		20	20	20	16	7.2	6.9	6.6	6.8		76.4	90.4	96.8	98.1	
321 Textiles		7701	8037	8136	9660	349.0	333.1	316.9	307.6		1932.8	2188.4	2460.8	2624.9	
3211 Spinning, weaving and finishing textiles		4472	4661	4694	5370	266.2	263.6	237.7	220.7		1496.6	1699.2	1881.0	1920.3	
3212 Made-up textile goods excl. wearing apparel		982	1173	1308	1607	23.8	26.7	28.3	29.4		119.0	166.3	198.0	223.3	
3213 Knitting mills		1596	1666	1618	2062	38.7	37.6	36.9	40.1		199.4	228.9	264.2	322.6	
3214 Carpets and rugs		70	49	49	56	1.4	1.0	1.2	1.1		7.6	6.0	9.7	8.2	
3215 Cordage, rope and twine		193	203	203	248	7.3	6.1	6.0	6.2		42.0	40.4	42.7	53.2	
3219 Other textiles		391	308	264	317	11.6	8.1	6.7	10.1		68.3	57.6	66.3	97.6	
322 Wearing apparel, except footwear		6561	6607	6468	7987	231.6	198.1	187.0	196.7		1069.4	1090.3	1188.6	1444.7	
323 Leather and fur products		1257	1273	1190	1382	40.6	38.6	33.7	31.6		244.0	281.2	288.6	292.6	
3231 Tanneries and leather finishing		466	426	377	376	21.7	18.7	17.0	16.2		143.2	146.6	168.7	164.6	
3232 Fur dressing and dyeing industries		49	97	89	137	2.1	6.1	3.7	3.1		12.7	38.9	30.9	27.3	
3233 Leather prods. excl. wearing apparel		742	761	724	869	16.7	14.8	13.0	13.2		88.1	95.8	99.0	110.7	
324 Footwear, except rubber or plastic		742	1649	1613	1794	28.6	106.2	106.7	77.6		142.8	661.6	700.4	686.3	
331 Wood products, except furniture		2010	2194	2160	2666	40.6	40.6	37.3	40.6		244.3	310.9	323.8	378.1	
3311 Sawmills, planing and other wood mills		1492	1617	1617	1893	33.0	32.6	30.0	32.0		206.9	261.6	271.4	309.1	
3312 Wooden and cane containers		179	216	226	286	3.0	3.6	3.6	4.6		17.2	23.6	28.0	36.9	
3319 Other wood and cork products		339	361	307	378	4.6	4.4	3.7	4.0		21.3	26.7	24.6	32.1	
332 Furniture and fixtures, excl. metal		1881	2066	2132	2684	42.2	46.0	46.1	48.4		247.1	360.2	381.7	464.4	
341 Paper and products		1901	2062	2129	2307	69.8	60.0	69.1	60.0		410.6	496.2	568.4	626.1	
3411 Pulp, paper and paperboard articles		308	263	264	267	22.0	20.3	20.0	20.9		178.6	202.3	240.4	264.3	
3412 Containers of paper and paperboard		1216	1197	1191	1291	26.7	24.9	23.0	23.6		149.1	177.9	192.6	216.6	
3419 Other pulp, paper and paperboard articles		378	612	674	749	12.1	14.8	16.7	16.7		82.8	116.0	136.4	144.3	
342 Printing and publishing		3032	3276	3612	4272	71.3	72.0	77.1	86.6		566.6	634.6	789.2	1016.7	
351 Industrial chemicals		777	686	726	761	62.3	46.1	46.7	64.6		509.6	497.8	590.0	761.0	
3511 Basic chemicals excl. fertilizers		617	437	466	483	36.3	26.3	26.7	26.0		363.3	283.6	346.4	377.2	
3512 Fertilizers and pesticides		107	146	149	188	6.1	7.6	7.7	8.0		60.3	76.2	86.3	107.1	
3513 Synthetic resins and plastic materials		53	102	120	90	9.9	13.2	13.4	20.6		96.9	138.1	166.3	276.7	
352 Other chemicals		1062	1088	1167	1302	76.0	76.0	77.6	76.6		676.0	664.9	766.1	867.6	
3521 Paints, varnishes and lacquers		123	146	166	164	9.2	9.0	9.2	10.0		68.1	84.7	103.9	121.8	
3522 Drugs and medicines		314	307	319	338	31.6	30.9	31.6	30.4		237.0	266.7	302.4	340.2	
3523 Soap, cleaning preps, perfumes, cosmetics		178	183	199	236	14.0	16.2	16.0	14.3		98.9	129.0	146.2	161.6	
3529 Other chemical products		447	462	483	564	21.2	18.9	20.7	20.9		171.0	174.6	213.7	244.0	
353 Petroleum refineries		10	7	14	11	7.1	7.3	7.7	7.9		106.3	101.6	117.3	136.9	

354 Misc petroleum and coal products	351	342	358	369	11.0	10.3	9.1	8.1	83.4	96.4	96.6	93.7
355 Rubber products	1684	650	686	772	182.0	31.3	31.4	32.9	947.2	266.6	288.0	344.4
3551 Tyres and tubes	67	80	77	82	14.9	13.0	14.0	14.4	122.9	118.9	144.8	169.9
3559 Other rubber products	1617	570	609	690	167.1	18.3	17.4	18.4	824.3	137.7	143.3	184.4
356 Plastic products	3940	3889	4192	5038	99.9	112.5	111.2	119.8	698.1	918.7	1017.7	1218.1
361 Pottery, china, earthenware	555	637	625	666	16.0	15.7	15.0	15.5	81.9	94.1	101.4	119.8
362 Glass and products	356	389	431	534	25.5	24.6	25.3	24.8	219.0	245.9	295.0	313.2
363 Other non-metallic mineral products	2747	3065	3204	3334	83.1	91.0	90.5	91.4	590.9	790.2	920.7	1006.2
3691 Structural clay products	361	418	413	404	19.8	21.6	19.3	17.5	121.6	163.1	163.6	161.7
3692 Cement, lime and plaster	76	73	73	87	9.9	9.7	9.8	10.0	104.7	129.9	145.3	157.1
3699 Other non-metallic mineral products	2310	2578	2718	2843	53.4	59.7	61.4	63.9	364.6	497.2	611.8	686.3
371 Iron and steel	950	1055	1075	1176	88.3	88.0	85.0	86.2	841.1	1016.3	1076.6	1164.1
372 Non-ferrous metals	728	743	750	812	32.5	31.5	30.0	29.6	242.7	278.4	308.6	323.5
381 Fabricated metal products	5873	6274	6813	9174	175.3	172.7	164.8	185.4	1171.7	1409.2	1515.1	1910.0
3811 Cutlery, hand tools and general hardware	763	824	833	1041	23.6	25.9	22.0	24.9	127.3	182.1	172.5	229.0
3812 Furniture and fixtures primarily of metal	580	577	627	814	11.7	12.6	12.5	14.5	64.6	80.1	90.9	120.6
3813 Structural metal products	1320	1584	1789	2798	45.1	37.6	40.6	68.3	348.4	313.2	374.9	672.6
3819 Other fabricated metal products	3210	3289	3584	4521	95.0	96.7	89.8	87.6	631.4	833.8	877.7	887.8
382 Non-electrical machinery	6808	8344	8925	10901	209.2	268.8	248.6	272.3	1523.2	2246.9	2508.8	2974.4
3821 Engines and turbines	15	9	9	14	0.3	0.1	0.2	0.3	2.0	1.2	1.6	3.2
3822 Agricultural machinery and equipment	341	361	378	468	12.5	12.0	11.5	13.6	88.8	102.6	117.1	148.6
3823 Metal and wood working machinery	2365	2466	2501	2900	52.4	50.3	47.5	51.0	360.6	423.9	451.1	536.3
3824 Other special industrial machinery	1596	1357	1551	1859	43.5	19.8	48.4	50.2	334.8	390.1	541.4	624.3
3825 Office, computing and accounting machinery	335	428	444	558	18.8	24.2	20.3	26.7	109.9	165.0	171.0	257.7
3829 Other non-electrical machinery & equipment	2156	3725	4042	5104	81.9	132.4	120.9	130.5	627.1	1164.2	1226.6	1403.6
383 Electrical machinery	6566	6545	6800	7899	448.9	404.3	392.1	395.0	2903.1	3206.1	3475.1	3790.4
3831 Electrical industrial machinery	1017	1842	1818	2298	39.7	81.9	84.0	73.3	281.1	468.9	530.3	701.4
3832 Radio, television and communication equipm.	3787	3681	3697	4036	325.1	287.7	273.7	266.0	2077.2	2317.1	2466.3	2564.9
3833 Electrical appliances and housewares	681	557	570	671	35.9	20.7	18.9	18.7	232.0	136.2	140.0	163.9
3839 Other electrical apparatus and supplies	1091	665	717	894	48.2	34.1	36.4	37.0	312.8	263.8	339.6	380.2
384 Transport equipment	2819	3134	3182	3475	242.9	243.6	245.3	263.1	2333.3	2623.3	3148.8	3747.8
3841 Shipbuilding and repairing	475	601	547	622	53.3	57.7	53.9	68.9	628.1	701.0	873.9	1036.2
3842 Railroad equipment	52	61	85	97	3.8	3.3	4.4	8.0	37.9	30.5	55.7	129.3
3843 Motor vehicles	2064	2237	2338	2534	174.7	170.4	176.1	185.2	1572.6	1773.8	2104.0	2464.6
3844 Motorcycles and bicycles	164	182	144	147	6.6	6.4	6.6	6.2	46.9	49.5	51.9	49.8
3845 Aircraft	6	15	29	31	0.3	5.2	4.6	4.9	2.0	64.5	88.8	70.1
3849 Other transport equipment	58	38	39	44	4.2	0.7	0.6	0.8	45.8	4.1	4.7	7.8
385 Professional and scientific equipment	1130	891	955	1211	44.7	33.2	30.8	32.9	288.9	242.5	285.5	304.1
3851 Prof and scientific equipment n.e.c.	545	255	289	403	18.9	8.3	8.2	8.6	112.9	67.8	85.6	77.0
3852 Photographic and optical goods	367	394	421	531	15.0	14.9	13.4	15.0	98.9	111.5	107.7	140.2
3853 Watches and clocks	218	242	245	277	9.7	9.9	9.1	9.3	67.1	73.2	82.3	86.8
390 Other manufacturing industries	2757	2637	2463	2864	90.8	76.6	64.5	61.0	496.6	504.3	497.3	532.8
3901 Jewellery and related articles	254	183	166	199	6.1	4.5	3.9	3.7	32.9	29.5	31.4	38.1
3902 Musical instruments	109	119	139	161	14.6	13.2	12.1	11.6	103.7	109.1	116.8	121.3
3903 Sporting and athletic goods	408	449	432	486	14.2	14.4	12.2	11.5	74.4	93.3	87.4	99.8
3909 Manufacturing industries, n.e.c.	1986	1886	1726	2018	55.9	44.5	36.3	34.1	284.6	272.4	282.7	273.7
3 Total manufacturing	68872	72220	74678	88768	2967.9	2818.9	2736.0	2803.0	19679.5	22630.4	25245.3	28823.3

a/ Data converted from ISIC Rev 3

Republic of Korea

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(billion WON)					(billion WON)				(percentage)		(percentage)	
		1/90	1991a/	1992a/	1993a/		1990	1991a/	1992a/	1993a/	1990	1993	1990	1993
311/2 Food Products		12039 0	14176 5	15823 0	17626 3	4279 6	5377 6	6274 8	7041 8	35 4	40 0	22 9	21 4	
3111 Slaughtering, preparing & preserving meat		520 9	1196 2	1453 4	1612 3	294 3	401 0	550 4	677 5	32 0	42 0	27 7	22 2	
3112 Dairy products		1518 8	2226 3	2325 0	2488 2	446 5	880 6	881 4	1058 4	29 4	42 6	19 1	16 1	
3113 Canning, preserving of fruits & vegetables		342 2	722 1	839 0	781 2	134 2	197 9	253 4	311 6	39 2	39 9	27 6	26 3	
3114 Canning, preserving and processing of fish		1420 3	1593 9	1704 4	1946 7	567 3	636 4	698 2	800 0	39 9	41 1	32 0	31 6	
3115 Vegetable and animal oils and fats		646 6	631 4	615 9	414 2	276 2	191 8	160 3	107 5	42 6	25 9	12 5	26 8	
3116 Grain mill products		810 1	947 1	1090 0	1500 8	241 8	321 1	313 7	399 3	29 8	26 6	23 6	21 7	
3117 Bakery products		1517 5	1770 3	2026 9	2450 4	682 4	784 7	981 2	1154 0	45 0	47 1	27 5	27 5	
3118 Sugar factories and refineries		492 7	341 8	384 1	364 7	106 5	119 6	162 7	128 7	21 4	35 3	16 3	10 2	
3119 Cocoa, chocolate and sugar confectionery		893 9	528 3	744 1	679 9	391 5	242 0	378 7	330 3	43 8	48 6	19 0	21 4	
3121 Other food products		1790 2	2038 2	2343 4	2673 4	718 6	955 8	1116 1	1229 2	40 1	47 8	21 1	18 1	
3122 Prepared animal feeds		1736 8	2180 9	2496 7	2814 5	422 5	646 5	779 7	845 3	24 3	30 0	17 3	14 8	
313 Beverages		2752 0	3033 8	3223 7	3327 0	1337 0	1573 2	1758 0	1735 5	48 6	52 2	13 8	11 3	
3131 Distilling, rectifying and blending spirits		782 7	801 2	847 4	932 8	306 5	299 5	380 2	445 7	39 2	47 8	12 7	11 8	
3132 Wine industries		204 4	225 9	218 2	226 8	129 2	144 5	142 4	153 8	63 2	67 8	21 4	20 5	
3133 Malt liquors and malt		462 7	731 3	723 1	805 8	278 3	464 4	400 5	438 4	60 1	54 4	7 8	8 6	
3134 Soft drinks and carbonated waters		1302 2	1276 4	1435 0	1351 6	623 1	664 8	834 9	697 6	47 8	51 2	15 5	10 7	
314 Tobacco		2580 7	2975 0	3037 2	3224 0	1977 5	2210 1	2134 3	2176 7	76 6	67 5	3 8	4 6	
321 Textiles		12537 0	14371 3	15925 9	17311 9	4836 0	6164 4	7234 5	7736 0	38 6	44 7	40 0	33 9	
3211 Spinning, weaving and finishing textiles		9328 4	11109 3	12085 9	11986 9	3533 5	4819 5	5480 2	5405 4	37 9	45 1	42 4	35 6	
3212 Made-up textile goods excl. wearing apparel		714 6	1067 1	1283 8	1411 5	320 7	439 7	594 2	661 2	44 9	46 8	37 1	33 8	
3213 Knitting mills		1537 6	1500 7	1833 3	2036 6	621 9	618 4	846 8	1102 2	40 4	41 8	32 1	29 3	
3214 Carpets and rugs		48 0	33 6	59 3	57 9	21 6	15 4	32 4	25 2	45 0	43 5	35 2	32 5	
3215 Cordage, rope and twine		237 9	230 3	221 6	240 1	97 6	104 6	112 7	110 6	41 9	46 0	43 0	48 2	
3219 Other textiles		675 7	430 3	444 1	979 0	240 3	166 7	168 1	431 4	35 6	44 1	28 4	22 6	
322 Wearing apparel, except footwear		5547 0	5603 2	5759 6	7478 5	2406 9	2688 7	2811 8	3758 4	43 4	50 3	44 0	38 4	
323 Leather and fur products		2760 1	2777 6	2876 0	2927 4	810 0	893 2	1001 6	995 0	29 3	34 0	30 1	29 4	
3231 Tanneries and leather finishing		1959 2	1782 1	1343 0	1854 1	524 1	483 7	555 8	570 7	26 8	30 8	27 3	27 1	
3232 Fur dressing and dyeing industries		85 4	266 6	255 0	269 2	34 1	128 2	123 6	90 8	39 9	33 7	37 2	30 0	
3233 Leather goods excl. wearing apparel		715 5	728 7	778 0	804 1	251 7	281 3	312 1	333 6	35 2	41 6	35 0	33 2	
324 Footwear, except rubber or plastic		946 5	3319 0	3682 7	2837 1	420 3	1426 1	1704 5	1345 5	44 4	47 4	34 0	43 6	
331 Wood products, except furniture		1740 0	2150 9	2171 0	2731 8	619 7	911 6	860 5	1085 8	35 6	39 0	39 4	35 6	
3311 Sawmills, planing and other wood mills		1521 1	1912 0	1917 1	2377 1	519 2	784 8	743 8	900 9	34 1	37 9	39 7	34 3	
3312 Wooden and cane containers		100 0	136 9	159 6	219 7	39 6	59 6	66 4	91 6	39 6	41 7	43 4	40 3	
3319 Other wood and cork products		117 9	102 1	94 4	135 0	60 9	57 1	50 4	73 4	51 7	54 4	35 0	43 7	
332 Furniture and fixtures, excl. metal		1438 4	2057 4	2498 4	2640 3	686 1	1084 5	1257 7	1300 8	47 8	49 3	35 9	34 9	
341 Paper and products		4427 1	5057 8	5655 5	5943 4	1502 3	1958 0	2273 2	2449 3	33 9	41 2	27 3	25 5	
3411 Pulp, paper and paperboard articles		2328 0	2495 3	2908 2	2917 1	765 2	960 7	1212 9	1217 5	32 9	41 7	23 3	21 7	
3412 Containers of paper and paperboard		1288 0	1581 0	1659 1	1821 9	470 1	579 3	602 4	678 3	36 5	37 2	31 7	31 9	
3419 Other pulp, paper and paperboard articles		811 1	1001 4	1088 2	1204 4	267 0	418 0	457 9	553 5	32 9	46 0	31 0	26 1	
342 Printing and publishing		2996 5	3230 0	3881 8	4910 0	1791 0	1925 1	2298 2	3074 0	59 8	62 6	31 7	33 1	
351 Industrial chemicals		8952 8	7376 3	8414 3	9547 0	2959 5	3018 5	3511 5	4102 0	33 1	43 0	17 2	18 6	
3511 Basic chemicals excl. fertilizers		6485 2	4088 2	4993 1	5116 8	2105 1	1550 1	1998 5	2115 1	32 5	41 3	17 3	17 8	
3512 Fertilizers and pesticides		1007 1	1180 9	1328 0	1589 7	345 8	473 2	622 9	668 6	34 4	42 1	13 5	16 0	
3513 Synthetic resins and plastic materials		1460 5	2107 2	2093 2	2840 5	507 6	995 2	990 0	1318 2	34 8	45 4	18 9	21 0	
352 Other chemicals		6670 0	7382 1	8169 3	9454 0	3486 2	3841 2	4314 8	5111 6	62 3	54 1	16 5	16 8	
3521 Paints, varnishes and lacquers		858 7	953 1	1124 3	1216 8	345 1	398 6	477 4	539 3	40 2	44 3	19 7	22 6	
3522 Drugs and medicines		2567 2	2666 9	3039 6	3366 4	1568 5	1641 0	1924 4	2138 1	61 1	63 5	15 1	15 9	
3523 Soap, cleaning preps., perfumes, cosmetics		1617 3	1954 6	2105 3	2630 7	826 9	1014 8	1099 6	1432 5	51 1	54 5	10 1	10 6	
3529 Other chemical products		1626 8	1807 4	1900 0	2240 1	745 7	785 8	813 6	1001 8	45 8	44 7	22 9	24 4	
353 Petroleum refineries		7096 9	9131 1	11518 4	12339 3	2027 8	2428 9	3061 3	3126 8	28 6	25 3	5 2	4 3	

354 Misc petroleum and coal products	1523 7	1481 0	1442 8	1323 6	365 9	414 4	484 4	488 0	24 0	36 9	22 8	19 2
355 Rubber products	5146 4	2143 2	2378 9	2742 5	2167 6	1000 4	1148 3	1250 4	42 1	45 6	43 7	27 5
3551 Tyres and tubes	1170 2	1355 9	1678 9	1683 9	506 3	622 5	744 3	738 8	43 3	43 9	24 3	21 7
3559 Other rubber products	3976 2	787 2	802 0	1058 6	1661 3	377 9	404 0	511 8	41 8	48 3	49 6	36 0
356 Plastic products	4995 2	8897 8	10453 1	11653 3	1935 0	3180 2	3986 4	4546 7	38 7	39 0	30 9	26 8
361 Pottery, china, earthenware	292 3	335 7	377 2	456 0	194 3	219 9	237 3	293 2	66 6	64 3	42 2	40 9
362 Glass and products	1207 8	1496 3	1754 0	1948 8	701 6	894 0	1027 1	1044 5	58 1	53 6	31 2	30 0
369 Other non-metallic mineral products	5784 8	7853 2	8460 1	9016 8	2616 8	3805 8	3953 4	4406 5	45 2	48 9	22 6	22 8
3691 Structural clay products	684 0	873 2	878 9	901 2	375 8	504 6	490 9	498 8	54 9	55 3	32 4	32 4
3692 Cement, lime and plaster	1726 0	1902 2	1893 6	2266 1	794 8	1070 3	883 6	1295 9	46 0	57 1	13 2	12 1
3699 Other non-metallic mineral products	3374 8	5077 8	5687 7	5847 4	1446 2	2230 9	2478 8	2611 8	42 9	44 7	25 2	26 3
371 Iron and steel	12284 1	14482 8	15387 5	17530 0	4379 1	5686 8	5985 1	6271 8	35 6	36 8	19 2	18 6
372 Non ferrous metals	3281 0	3685 3	3749 0	3905 1	849 9	1081 6	1074 1	1164 3	25 9	29 8	28 6	27 8
381 Fabricated metal products	8617 9	10071 0	10377 5	12111 7	3641 1	4207 1	4853 6	5695 5	42 3	47 0	32 2	33 5
3811 Cutlery, hand tools and general hardware	714 4	1057 4	988 4	977 5	337 0	622 9	499 6	670 3	47 2	54 9	37 8	34 2
3812 Furniture and fixtures primarily of metal	375 0	425 6	466 6	575 5	176 2	194 7	223 3	333 9	47 0	49 4	36 7	36 1
3813 Structural metal products	2775 7	2545 1	2778 5	5041 0	1073 3	1056 3	1196 4	2221 1	36 7	44 1	32 5	30 3
3819 Other fabricated metal products	4752 8	6042 9	6146 0	5174 1	2064 6	2433 2	2744 4	2470 2	43 2	47 7	30 7	35 9
382 Non-electrical machinery	11486 0	17648 1	17957 7	21570 9	4957 4	7344 6	7568 6	8952 2	43 2	41 5	30 7	33 2
3821 Engines and turbines	9 1	2 5	3 9	9 8	5 3	2 0	2 8	6 2	58 2	64 0	37 7	51 8
3822 Agricultural machinery and equipment	864 6	1011 3	988 8	1361 0	339 8	400 9	350 1	499 5	39 3	36 7	26 1	29 7
3823 Metal and wood working machinery	2138 6	2374 0	2221 3	2754 3	1021 9	1161 3	1109 4	1329 1	47 8	48 3	35 3	40 4
3824 Other special industrial machinery	2721 7	3223 3	3809 3	3662 7	1138 1	1269 7	1627 9	1555 1	41 8	42 7	29 4	39 9
3825 Office, computing and accounting machinery	1224 5	1375 4	1428 5	2881 8	509 0	545 5	531 3	940 7	41 6	32 6	21 6	27 4
3829 Other non-electrical machinery & equipment	4527 5	9661 6	9505 9	10901 2	1943 3	3985 1	3947 1	4611 5	42 9	42 3	32 3	30 4
383 Electrical machinery	25847 6	27836 7	30878 3	35903 7	10663 0	11632 2	12565 3	15516 3	41 3	43 2	27 2	24 4
3831 Electrical industrial machinery	2167 2	3479 5	4169 3	4697 8	833 7	1357 8	1742 0	1104 9	38 5	40 5	33 7	36 8
3832 Radio, television and communication equipm	18883 4	20515 3	22383 5	26825 5	7923 6	8890 9	9202 4	11877 9	42 0	44 3	26 2	21 5
3833 Electrical appliances and housewares	2003 3	1099 6	1089 6	1035 4	501 8	395 7	409 5	445 2	45 0	43 0	25 7	34 6
3839 Other electrical apparatus and supplies	2793 7	2742 3	3235 9	3345 0	1003 8	987 8	1210 4	1288 2	35 9	38 6	31 2	29 6
384 Transport equipment	19799 0	22488 4	26855 2	30617 5	7249 0	9116 9	10717 7	11495 6	35 6	37 5	32 2	32 6
3841 Shipbuilding and repairing	3676 5	4641 6	6082 4	6210 0	1414 6	2239 3	3124 6	2777 7	38 5	44 7	44 4	37 3
3842 Railroad equipment	242 0	193 0	384 9	759 9	81 0	99 8	148 1	224 1	33 5	29 5	46 6	57 7
3843 Motor vehicles	15303 0	16679 6	19545 6	22826 8	5507 3	6278 1	7123 5	8190 9	36 0	35 9	28 6	30 0
3844 Motorcycles and bicycles	426 5	510 9	474 8	453 8	151 5	197 5	170 5	147 6	35 5	32 5	31 0	33 7
3845 Aircraft	6 7	440 7	341 7	330 3	3 9	291 7	139 5	137 7	58 2	41 7	51 3	50 9
3849 Other transport equipment	144 0	22 6	25 9	35 8	90 7	10 5	11 5	17 5	63 0	47 6	60 5	44 7
385 Professional and scientific equipment	1843 0	1571 9	1682 8	2001 5	809 6	697 4	787 5	877 0	43 9	43 8	33 2	34 7
3851 Prof and scientific equipment n e c	815 3	364 4	410 3	442 0	371 7	173 5	209 6	214 5	45 6	48 5	30 4	35 9
3852 Photographic and optical goods	611 1	656 1	716 3	1010 9	244 6	289 3	330 9	421 2	40 0	41 7	40 4	33 3
3853 Watches and clocks	417 0	551 3	556 2	548 7	193 3	234 5	247 0	241 4	46 4	44 0	29 5	36 0
390 Other manufacturing industries	2655 3	2787 0	2730 0	2879 0	1252 0	1314 4	1324 3	1410 9	47 0	49 0	39 6	37 8
3901 Jewellery and related articles	181 0	171 3	163 9	164 9	75 2	89 7	85 9	80 7	41 5	48 9	43 8	47 2
3902 Musical instruments	380 5	425 5	465 3	526 6	205 7	223 8	250 9	250 5	54 1	49 5	50 4	46 6
3903 Sporting and athletic goods	394 5	558 0	520 6	512 9	178 6	264 9	233 1	258 0	45 3	50 3	41 7	38 7
3909 Manufacturing industries, n e c	1709 3	1632 3	1575 2	1674 5	792 9	736 0	754 5	811 6	46 4	48 5	35 9	33 7
3 Total manufacturing	177298 9	205420 2	227120 9	255958 4	70925 0	85994 7	96009 8	108431 9	40 0	42 4	27 6	26 6

a/ Data converted from ISIC Rev 3

Republic of Korea

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(billion WON)					(1980=100)								
		1990	1991a/	1992a/	1993a/		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		934.0	1242.8	1279.7	1485.9	b/	152	167	166	209	224	238	256	263	268
313 Beverages		304.0	328.8	374.0	356.7	b/	110	114	117	123	122	130	131	136	139
314 Tobacco		14.0	49.9	46.3	32.7		110	114	117	123	122	130	131	136	139
321 Textiles		1342.0	2276.7	2328.9	1928.2		124	149	166	171	166	166	162	166	143
322 wearing apparel, except footwear		246.0	218.2	171.3	211.6		153	176	214	212	201	194	185	168	142
323 Leather and fur products		110.0	117.0	103.3	110.0	c/	163	212	247	243	210	225	210	196	149
324 Footwear, except rubber or plastic		37.0	299.4	207.6	131.7	c/	...	...	...	...	...	...	...	...	...
331 wood products, except furniture		117.0	172.9	177.0	178.1		113	122	137	138	142	148	160	152	126
332 Furniture and fixtures, excl. metal		110.0	3192.3	187.3	160.6		164	193	240	254	241	235	240	223	207
341 Paper and products		497.0	901.7	860.6	770.7		139	169	202	227	238	251	260	277	299
342 Printing and publishing		250.0	278.2	357.9	400.1		115	140	148	162	191	207	213	237	229
351 Industrial chemicals		1837.0	4106.6	1878.6	1743.1	d/	151	173	211	263	284	328	381	462	499
352 Other chemicals		548.0	1311.6	692.3	1101.4	d/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		938.0	1440.6e/	796.0	686.2	e/	131	140	141	166	191	204	263	336	367
354 Misc. petroleum and coal products		136.0	79.8	79.8	86.2	e/	...	...	...	...	...	...	...	...	...
355 Rubber products		379.0	323.9	411.6	355.7	f/	146	169	201	234	231	239	259	276	267
356 Plastic products		553.0	839.6	1918.6	1616.1	f/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		39.0	48.8	47.6	85.6	g/	150	172	196	221	246	263	306	326	326
362 Glass and products		247.0	367.1	308.6	299.8	g/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		1002.0	1621.0	1712.8	1375.4	g/	...	...	...	...	...	...	...	...	...
371 Iron and steel		3680.0	2822.8	2255.7	1271.2	h/	189	209	239	259	282	315	360	366	407
372 Non-ferrous metals		239.0	392.7	702.9	1031.0	h/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		910.0	817.9	1003.6	1101.8		192	228	245	254	258	278	300	287	284
382 Non-electrical machinery		971.0	1585.1	1815.1	2518.0		270	354	460	637	640	602	667	645	689
383 Electrical machinery		3002.0	3540.4	3220.2	4277.8		208	279	393	479	479	575	621	664	698
384 Transport equipment		2719.0	3820.7	2991.1	6111.6		274	306	306	353	319	356	420	624	486
385 Professional and scientific equipment		124.0	137.0	119.5	148.8		120	162	209	221	202	194	206	206	229
390 Other manufacturing industries		183.0	194.3	136.9	217.2		146	178	226	221	194	184	177	159	...
3 Total manufacturing		21470.0	32346.8	26183.0	28711.6		166	197	234	266	271	297	326	348	366

a/ Data converted from ISIC Rev.3.
 c/ 323 includes 324
 e/ 353 includes 354
 g/ 361 includes 362 and 369

b/ 311/2 includes 313.
 d/ 351 includes 362.
 f/ 355 includes 356.
 h/ 371 includes 372.

REPUBLIC OF MOLDOVA

Supplier of information:

State Department of Statistics of the Republic of Moldova, Chisinau.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

All self-sustained establishments.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

No deviations from the standard UN concepts and definitions are reported. However, please note currency change as of 1993.

Related national publications:

Republic of Moldova

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid a/ to employees			
		(numbers)					(numbers)					(thousand LEI)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		124	109	105	85		58986	58197	67009	52157		161070	276810	...	24345
313 Beverages		89	89	87	86		12080	11679	13213	12699		36470	70620	...	11910
314 Tobacco		9	9	9	8		2079	2089	2212	2182		6980	13870	...	2626
321 Textiles		15	14	16	12		37252	33400	31142	13725		131960	224330	...	6085
322 Wearing apparel, except footwear		72	32	32	23		51732	32454	27435	14746		138170	155310	...	4688
323 Leather and fur products		4	4	4	4		3975	3772	3272	3103		13890	25160	...	1044
324 Footwear, except rubber or plastic		5	6	7	3		9327	8322	8063	4626		31830	48630	...	2179
331 Wood products, except furniture		10	14	14	9		11685	5729	6090	3815		34260	27770	...	4700
332 Furniture and fixtures, excl. metal		13	12	12	9		8806	8275	7786	6733		36220	64970	...	...
341 Paper and products		2	2	2	2		1427	1359	1504	1470		3960	6440	...	652
342 Printing and publishing		12	11	12	16		3720	3254	2914	2498		11130	16620	...	1389
351 Industrial chemicals		3	3	3	2		964	786	629	288		2510	3710	...	92
352 Other chemicals		13	13	13	11		2103	2070	1736	1829		8700	11810	...	857
353 Petroleum refineries		-	-	-	-		-	-	-	-		-	-	...	-
354 Misc. petroleum and coal products		1	1	1	1		3166	1069	1064	644		7380	7230	...	...
355 Rubber products		2	2	2	1		3633	3717	2831	1761		10890	16030	...	617
356 Plastic products		-	-	-	-		-	-	-	-		-	-	...	-
361 Pottery, china, earthenware		5	5	3	3		5481	5473	2964	2389		21610	40060	...	...
362 Glass and products		33	37	40	37		19376	21328	21038	13832		62780	119910	...	3854
369 Other non-metallic mineral products		-	-	-	-		-	-	-	-		-	-	...	-
371 Iron and steel		2	2	2	-		3254	3214	3291	-		12850	22830	...	100
372 Non-ferrous metals		-	-	-	-		-	-	-	-		-	-	...	-
381 Fabricated metal products		25	31	30	20		31866	28462	27483	17166		104860	161370	...	...
382 Non-electrical machinery		49	50	57	-		72889	68446	59370	-		248340	372070	...	...
383 Electrical machinery		15	15	15	-		16635	13037	11634	-		51880	76470	...	...
384 Transport equipment		1	1	1	1		1688	1624	1626	412		6160	12010	...	...
385 Professional and scientific equipment		-	-	-	-		-	-	-	-		-	-	...	-
390 Other manufacturing industries		28	4	7	-		10794	11646	16677	-		31620	62740	...	223
3 Total manufacturing		532	466	473	393		372904	329181	320271	210832		1171520	1824760	...	65261

a/ Please note currency change. Data before 1993 are in thousand ROUBLES.

Republic of Moldova

ISIC Industry	Note	Output in producers' prices a/				Note	Value added				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		(million LEI)					(million LEI)				1990	1993	1990	1993
		1990	1991	1992	1993		1990	1991	1992	1993				
311/2 Food Products		3157.1	6470.4	7355.0	482.1									
313 Beverages		1162.9	2120.2	1384.5	89.3									
314 Tobacco		571.6	1053.7	3473.0	63.9									
321 Textiles		1228.9	2882.2	27963.0	44.1									
322 wearing apparel, except footwear		832.1	1375.9	5864.0	24.6									
323 Leather and fur products		189.5	311.7	1496.0	14.6									
324 Footwear, except rubber or plastic		169.7	360.9	3853.0	10.4									
331 wood products, except furniture		124.3	191.2	1285.0	7.7									
332 Furniture and fixtures, excl metal		226.5	441.2	3625.0	31.2									
341 Paper and products		31.2	108.9	1636.0	11.7									
342 Printing and publishing		39.0	90.6	873.0	6.6									
351 Industrial chemicals		23.4	36.3	187.0	0.7									
352 Other chemicals		110.8	246.2	1446.0	13.3									
353 Petroleum refineries		-	-	-	-									
354 Misc petroleum and coal products		64.5	63.8	949.0	4.8									
355 Rubber products		-	-	-	-									
356 Plastic products		69.3	83.6	543.0	2.2									
361 Pottery, china, earthenware		-	-	-	-									
362 Glass and products		277.1	553.4	2264.0	17.9									
369 Other non-metallic mineral products		316.3	763.2	7521.0	38.3									
371 Iron and steel		121.3	234.0	10246.0	-									
372 Non-ferrous metals		-	-	-	-									
381 Fabricated metal products		356.9	719.3	6107.0	48.5									
382 Non-electrical machinery		1322.8	2155.4	17212.0	-									
383 Electrical machinery		282.4	478.2	5095.0	-									
384 Transport equipment		52.9	109.4	1044.0	0.6									
385 Professional and scientific equipment		-	-	-	-									
390 Other manufacturing industries		270.9	512.5	8753.0	-									
3- Total manufacturing		11001.4	21361.2	198637.0	1050.8									

a. Please note currency change. Data before 1993 are in million ROUBLES.

Republic of Moldova

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million LEI)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		
313 Beverages		
314 Tobacco		
321 Textiles		
322 Wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		
331 Wood products, except furniture		
332 Furniture and fixtures, excl. metal		
341 Paper and products		
342 Printing and publishing		
351 Industrial chemicals		
352 Other chemicals		
353 Petroleum refineries		
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products		
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products		
382 Non-electrical machinery		
383 Electrical machinery		
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		
3 Total manufacturing		

ROMANIA

Supplier of information:

National Commission for Statistics, Bucharest.

Basic source of data:

Statistical reports on industrial production.

Major deviations from current version of ISIC:

The concepts, definitions and classification by branches of industry are in keeping with the prevailing national methodology for the period 1986-1990. Beginning 1991, they are according to the standards of the new National Activities Classification.

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

State enterprises under the direction of the central government. These enterprises account for about 80 per cent of all industrial enterprises and about the same percentage of industrial output.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Anuarul Statistic al Romaniei, published by the National Commission for Statistics, Bucharest.

Romania

ISIC Industry	Note	Number of enterprises				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(billion LEI)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311 2 Food Products		335a/	439b/	472b/		b/	259	255	243	255	b/	9.5	22.7	58.1	180.4
313 Beverages		a/	b/	b/		b/					b/				
314 Tobacco		a/	1	1			6	6	6	6		0.3	0.6	1.6	5.2
321 Textiles		221	244	237			414	394	328	273		14.7	29.5	65.7	142.0
322 Wearing apparel, except footwear			110c/	109c/			258	245	206	200		8.7	15.3	35.4	108.0
323 Leather and fur products		44d/	c/	c/		d/	127	125	105	98	d/	4.3	9.2	19.3	53.9
324 Footwear, except rubber or plastic		d/	c/	c/		d/					d/				
331 Wood products, except furniture		89e/	28	23			94	87	89	80		3.1	6.8	18.8	48.4
332 Furniture and fixtures, excl. metal		e/	104	105		f/	204	184	182	163	f/	7.2	14.5	33.1	102.0
341 Paper and products		17	19	18			43	38	35	32		1.7	3.7	9.1	21.7
342 Printing and publishing		17	25	24			25	23	24	32		1.0	2.1	5.7	22.8
351 Industrial chemicals		97g/	73h/	69h/		h/	183	159	155	151	h/	7.8	16.1	45.0	122.5
352 Other chemicals		g/	h/	h/		h/					h/				
353 Petroleum refineries			13i/	13i/		i/	33	33	33	35	i/	1.5	4.0	11.8	35.6
354 Misc. petroleum and coal products			i/	i/		i/					i/				
355 Rubber products		g/	42j/	39j/		j/	86	76	70	55	j/	3.4	7.0	16.7	41.7
356 Plastic products		g/	j/	j/		j/					j/				
361 Pottery, china, earthenware		33k/	110m/	101m/		m/	175	190	155	138	m/	6.9	17.1	37.2	97.3
362 Glass and products		k/	m/	m/		m/					m/				
369 Other non-metallic mineral products		68n/	m/	m/		m/					m/				
371 Iron and steel		35	65p/	60p/		p/	173	175	175	164	p/	7.8	17.7	48.5	143.0
372 Non-ferrous metals		23	p/	p/		p/					p/				
381 Fabricated metal products		366q/	88	78			189	185	181	153		7.4	15.3	38.5	97.5
382 Non-electrical machinery		q/	185	185			603	583	444	391		24.4	50.0	103.7	276.9
383 Electrical machinery		q/	50	51		r/	171	140	123	114		8.8	11.9	25.0	73.4
384 Transport equipment		q/	76	82			348	262	232	220		14.7	24.2	59.4	162.4
385 Professional and scientific equipment		q/	27	28			50	44	38	25		2.0	3.7	8.0	15.6
390 Other manufacturing industries		q/		30		s/	10	9	8	8		0.4	0.8	1.9	5.4
3 Total manufacturing		1346	1680	1725			3452	3213	2811	2591		133.5	273.3	634.9	1755.6

a. 311 2 includes 313 and 314

c. 322 includes 323 and 324

e. 331 includes 332

f. 332 includes jewellery and related articles (ISIC 3901), musical instruments (ISIC 3902), sporting and athletic goods (ISIC 3903)

g. 351 includes 352, 355 and 356

i. 353 includes 354

k. 361 includes 362

n. 369 includes certain mining activities

q. 381 includes 382, 383, 384, 385 and 390

s. 390 only refers to industries not elsewhere classified (ISIC 3909)

b. 311/2 includes 313

d. 323 includes 324

h. 351 includes 352

j. 355 includes 356

m. 361 includes 362 and 369

p. 371 includes 372

r. 383 includes office, computing and accounting machinery (ISIC 3825)

Romania

ISIC Industry	Note	Output (billion LEI)				Note	Value added (billion LEI)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
		311 Food Products	171.5	415.0	1172.5			36.9	92.6	285.8		21.5		
313 Beverages	38.4	107.3	314.7		14.4	32.9	93.6		37.5		3.0			
314 Tobacco	13.9	19.4	39.0		9.2	9.7	20.6		66.2					
321 Textiles	78.3	217.4	402.3		32.5	63.2	113.4		41.5		45.3			
322 Wearing apparel, except footwear	36.5	66.1	177.0		15.5	23.1	57.4		42.5		55.0			
323 Leather and fur products	3.7	5.9	14.8		1.5	2.4	6.9		40.5					
324 Footwear, except rubber or plastic	20.0	48.1	113.7		8.2	16.7	43.4		41.0					
331 Wood products, except furniture	20.0	53.1	141.9		8.9	23.4	64.4		44.5		34.5			
332 Furniture and fixtures, excl. metal	19.9	52.5	149.7		7.2	18.9	48.1		36.2		99.5			
341 Paper and products	13.5	39.5	95.5		3.8	12.1	26.7		28.1		45.1			
342 Printing and publishing	6.8	17.1	45.6		3.2	4.2	11.7		47.1		32.3			
351 Industrial chemicals	28.5	88.1	266.8		2.6	17.9	55.3		9.1					
352 Other chemicals	45.1	119.2	350.3		9.9	27.3	98.2		22.0					
353 Petroleum refineries	71.4	160.6	453.1		-3.0	22.5	72.9							
354 Misc. petroleum and coal products	8.7	22.4	48.4		0.8	2.9	14.6		9.2					
355 Rubber products	10.5	28.5	83.4		2.9	9.1	31.3		27.6					
356 Plastic products	26.7	59.9	105.5		8.9	17.8	34.6		33.3					
361 Pottery, china, earthenware	38.3	117.6	293.0		12.8	38.1	113.2		33.4					
362 Glass and products	6.5	15.3	44.8		2.7	6.1	18.3		41.5					
369 Other non-metallic mineral products	3.0	8.2	19.8		0.9	1.8	6.1		30.0					
371 Iron and steel	74.1	202.5	524.1		14.7	42.3	103.8		19.8					
372 Non-ferrous metals	22.2	57.7	142.8		0.6	9.9	7.4		2.7					
381 Fabricated metal products	51.7	106.4	280.2		19.5	36.1	86.1		37.7		37.8			
382 Non-electrical machinery	136.9a/	269.1a/	629.1a/		54.6a/	79.3a/	197.6a/		39.9					
383 Electrical machinery	67.2	132.9	239.9		27.1	42.2	75.3		40.3		25.1			
384 Transport equipment	55.5	166.2	431.0		15.9	43.5	112.5		28.1		92.4			
385 Professional and scientific equipment	a/	a/	a/		a/	a/	a/							
390 Other manufacturing industries	9.5	20.6	42.4		4.8	8.1	12.2		50.5		7.9			
3 Total manufacturing	1079.3	2627.1	6621.1		317.0	704.1	1820.4		29.4		42.1			

a. 382 includes 385

Romania

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million LEI)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		4584a/	12549a/	...	...	a/b/	108	113	121	121	121	106	88	73	63
313 Beverages		a/	a/	...	...	a/b/	...	...	...	...	...	103	106	106	92
314 Tobacco		a/	a/	...	...	a/	...	...	...	...	...	...	...	...	...
321 Textiles		2189	6561	...	...		114	121	123	125	124	106	92	65	63
322 Wearing apparel, except footwear		654	2682	...	...		145	157	155	155	170	137	128	90	85
323 Leather and fur products		522c/	1124c/	...	...	c/	131	141	142	141	146	129	113	81	79
324 Footwear, except rubber or plastic		c/	c/	...	...	c/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		1640d/	4993d/	...	...	d/	114	118	119	125	129	101	81	66	59
332 Furniture and fixtures, excl metal		d/	d/	...	...	d/	...	...	...	...	...	123	122	100	128
341 Paper and products		483	1441	...	...		111	125	121	125	129	92	64	48	44
342 Printing and publishing		89	637	...	...	e/	115	108	108	109	107	91	75	76	111
351 Industrial chemicals		4895f/	10033f/	...	...		121	130	125	129	125	99	64	55	59
352 Other chemicals		49	247	...	...		99	105	109	109	120	111	...	...	...
353 Petroleum refineries	g/	8847	23419	...	...		102	112	123	131	129	99	63	55	55
354 Misc. petroleum and coal products		292	140	...	...		143	161	164	161	158	113	...	...	...
355 Rubber products		f/	f/	...	...		...	...	...	...	...	...	...	...	...
356 Plastic products		f/	f/	...	...		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		331h/	1854h/	...	...	h/	125	132	137	144	151	125	...	...	...
362 Glass and products		h/	h/	...	...	h/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		1630	2460	...	...	i/	108	121	126	131	133	101	77	63	53
371 Iron and steel		3823j/	7637j/	...	...	k/	117	127	121	125	121	95	70	49	52
372 Non-ferrous metals		2896j/	4601j/	...	...	k/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		13518m/	20631m/	...	...		137	155	161	164	162	110	95	65	62
382 Non-electrical machinery		m/	m/	...	...	n/	129	134	137	141	127	124	89	65	65
383 Electrical machinery		m/	m/	...	...		116	129	139	144	138	152	114	75	80
384 Transport equipment		m/	m/	...	...	n/	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		m/	m/	...	...		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		1671	9232	...	...		...	...	...	...	...	...	...	...	...
3 Total manufacturing		47993	110251	...	...		...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313 and 314
 c/ 323 includes 324.
 e/ Excluding publishing
 g/ Including mining of crude petroleum
 i/ Including stone quarrying, clay and sand pits
 k/ 371 includes 372
 n/ 382 includes 384

b/ 311/2 includes 313
 d/ 331 includes 332.
 f/ 351 includes 355 and 356.
 h/ 361 includes 362
 j/ Part of major group 230 is included in 371 and part in 372.
 m/ 381 includes 382, 383, 384 and 385.

RUSSIAN FEDERATION

Supplier of information:

Russian Federation State Committee on Statistics, Moscow.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

All enterprises having independent financial accounts.

Method of enumeration:

Not reported.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Related national publications:

354 Misc petroleum and coal products	122		78		146 8
355 Rubber products	489		183		109 8
3551 Tyres and tubes	210		83		60 4
3559 Other rubber products	279		100		69 4
356 Plastic products	1136		67		37 2
361 Pottery, china, earthenware	129		42		26 3
362 Glass and products	964		130		76 0
369 Other non-metallic mineral products	7902		1028		734 3
3691 Structural clay products	190		64		41 4
3692 Cement, lime and plaster	656		208		167 1
3699 Other non-metallic mineral products	7207		767		636 8
371 Iron and steel	281		694		922 0
372 Non-ferrous metals	306		330		631 8
381 Fabricated metal products	6343		334		213 6
3811 Cutlery, hand tools and general hardware	1046		37		26 2
3812 Furniture and fixtures primarily of metal	2769		137		76 4
3813 Structural metal products	1682		107		88 9
3819 Other fabricated metal products	867		64		24 1
382 Non-electrical machinery	1633		478		243 2
3821 Engines and turbines	111		124		74 1
3822 Agricultural machinery and equipment	296		161		98 6
3823 Metal and wood working machinery	641		31		14 4
3824 Other special industrial machinery	46		31		13 8
3825 Office, computing and accounting machinery	487		88		31 3
3829 Other non-electrical machinery & equipment	163		24		11 1
383 Electrical machinery	1648		673		346 6
3831 Electrical industrial machinery	1388		666		271 6
3832 Radio, television and communication equipm	a/		a/		a/
3833 Electrical appliances and housewares	146		34		26 7
3839 Other electrical apparatus and supplies	116		84		49 3
384 Transport equipment	806		943		784 3
3841 Shipbuilding and repairing	a/		a/		a/
3842 Railroad equipment	68		130		79 9
3843 Motor vehicles	329		694		622 7
3844 Motorcycles and bicycles	19		19		13 1
3845 Aircraft	a/		a/		a/
3849 Other transport equipment	400		101		68 6
385 Professional and scientific equipment	1767		416		223 9
3851 Prof and scientific equipment n e c	1668		232		137 7
3852 Photographic and optical goods	63		116		64 6
3853 Watches and clocks	36		67		31 6
390 Other manufacturing industries	31269		1031		607 0
3901 Jewellery and related articles	414		76		67 9
3902 Musical instruments	63		34		13 6
3903 Sporting and athletic goods	36		7		4 0
3909 Manufacturing industries, n e c	30767		914		421 6
3 Total manufacturing	140723		11766b/		8816 8b/

a/ Data suppressed due to confidentiality rules

b/ Sum of available data.

Russian Federation

ISIC Industry	Note	Output in producers' prices				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(billion ROUBLES)					(billion ROUBLES)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311 2 Food Products			175.9	1856.2	16424.0				6088		37.1		27.3	
3111 Slaughtering, preparing & preserving meat					5484.0				1492		27.2		16.1	
3112 Dairy products					2721.0				765		28.1		25.9	
3113 Canning, preserving of fruits & vegetables					450.0				227		60.4		18.9	
3114 Canning, preserving and processing of fish					347.0				200		57.6		25.2	
3115 Vegetable and animal oils and fats					836.0				310		37.1		13.0	
3116 Grain mill products					102.0				27		26.6		35.6	
3117 Bakery products					1777.0				737		41.6		38.5	
3118 Sugar factories and refineries					1210.0				553		46.7		11.1	
3119 Cocoa, chocolate and sugar confectionery					1209.0				626		51.8		15.4	
3121 Other food products					2107.0				1068		52.1		29.4	
3122 Prepared animal feeds					181.0				51		28.2		22.5	
313 Beverages			13.4	137.3	974.0				574		58.9		21.1	
3131 Distilling, rectifying and blending spirits					283.0				169		56.2		16.4	
3132 Wine industries					291.0				165		57.0		19.5	
3133 Malt liquors and malt					311.0				195		62.7		23.9	
3134 Soft drinks and carbonated waters					89.0				54		60.7		23.5	
314 Tobacco			2.5	41.9	371.0				194		52.3		10.9	
321 Textiles			138.1	858.5	3828.2				1768		46.2		23.3	
3211 Spinning, weaving and finishing textiles					3009.0				1243		41.3		22.3	
3212 Made-up textile goods excl. wearing apparel					80.4				54		67.2		25.9	
3213 Knitting mills					620.0				399		64.4		25.1	
3214 Carpets and rugs					0.1				-		-		-	
3215 Cordage, rope and twine					42.1				20		47.6		37.5	
3219 Other textiles					76.6				62		67.9		24.2	
322 Wearing apparel, except footwear			37.2	182.2	1339.0				867		64.0		33.4	
323 Leather and fur products			8.3	55.0	434.0				236		54.4		25.0	
3231 Tanneries and leather finishing					264.0				150		56.8		20.2	
3232 Fur dressing and dyeing industries					112.0				48		42.9		36.8	
3233 Leather goods excl. wearing apparel					58.0				38		65.6		30.6	
324 Footwear, except rubber or plastic			8.4	77.9	666.0				432		64.9		20.9	
331 Wood products, except furniture			16.5	191.4	1497.2				793		53.0		39.2	
3311 Sawmills, planing and other wood mills					1290.0				694		53.8		38.5	
3312 Wooden and cane containers					45.2				24		53.1		49.2	
3319 Other wood and cork products					162.0				75		46.3		42.0	
332 Furniture and fixtures, excl. metal			12.6	112.3	1102.0				574		52.1		31.0	
341 Paper and products			18.2	222.5	1191.3				510		42.8		28.6	
3411 Pulp, paper and paperboard articles					1077.0				447		41.5		29.7	
3412 Containers of paper and paperboard					57.8				32		55.4		22.5	
3419 Other pulp, paper and paperboard articles					56.5				31		54.9		19.7	
342 Printing and publishing			3.6	30.3	332.0				245		73.8		34.4	
351 Industrial chemicals			125.4	2775.2	6010.0				2840		47.3		18.4	
3511 Basic chemicals excl. fertilizers					4484.0				2143		47.8		19.3	
3512 Fertilizers and pesticides					757.0				457		60.4		11.8	
3513 Synthetic resins and plastic materials					769.0				240		31.2		22.8	
352 Other chemicals			22.3	211.1	1416.0				738		52.1		18.9	
3521 Paints, varnishes and lacquers					593.0				296		49.9		15.4	
3522 Drugs and medicines					449.0				223		49.7		24.1	
3523 Soap, cleaning prep., perfumes, cosmetics					190.0				87		46.8		17.5	
3529 Other chemical products					184.0				132		71.7		15.9	
353 Petroleum refineries			28.6	1182.0	8388.0				2097		25.0		7.4	

354 Misc petroleum and coal products	7.9	151.0	1274.0	260	20.4	55.1	
355 Rubber products	12.6	225.6	1216.0	426	35.0	25.8	
3551 Tyres and tubes			722.0	179	24.8	28.2	
3559 Other rubber products			494.0	247	50.0	24.0	
356 Plastic products	2.8	38.1	306.0	153	60.2	24.3	
361 Pottery, china, earthenware	0.9	11.8	114.0	82	71.9	30.9	
362 Glass and products	4.3	59.2	394.0	225	57.1	33.3	
369 Other non-metallic mineral products	40.1	506.9	4559.0	2516	54.0	29.2	
3691 Structural clay products			249.0	153	51.4	27.1	
3692 Cement, lime and plaster			1409.0	550	39.0	28.6	
3699 Other non-metallic mineral products			3001.0	1813	60.4	29.6	
371 Iron and steel	46.6	1122.0	8001.0	3935	49.2	23.4	
372 Non-ferrous metals	55.0	1101.3	6272.0	2020	32.2	26.3	
38 Fabricated metal products			1021.7	558	55.6	37.6	
3811 Cutlery, hand tools and general hardware			91.7	61	55.5	41.3	
3812 Furniture and fixtures primarily of metal			308.0	151	52.3	45.8	
3813 Structural metal products			457.0	250	54.7	35.6	
3819 Other fabricated metal products			165.0	96	58.2	25.1	
382 Non-electrical machinery			1431.1	755	54.9	31.0	
3821 Engines and turbines			435.0	243	55.9	30.5	
3822 Agricultural machinery and equipment			522.0	255	48.9	35.6	
3823 Metal and wood working machinery			224.0	135	50.3	10.7	
3824 Other special industrial machinery			68.5	44	54.1	31.4	
3825 Office, computing and accounting machinery			125.0	75	50.0	41.7	
3829 Other non-electrical machinery & equipment			55.5	33	58.4	33.5	
383 Electrical machinery			2157.0	1151	53.4	30.1	
3831 Electrical industrial machinery			1524.0	858	55.3	31.7	
3832 Radio, television and communication equipm			a/	a/			
3833 Electrical appliances and housewares			289.0	123	42.5	20.9	
3839 Other electrical apparatus and supplies			344.0	170	49.4	29.0	
384 Transport equipment			6821.2	3402	49.9	23.1	
3841 Shipbuilding and repairing			a/	a/			
3842 Railroad equipment			448.0	225	50.4	35.4	
3843 Motor vehicles			5841.0	2874	49.2	21.7	
3844 Motorcycles and bicycles			89.2	38	42.5	34.5	
3845 Aircraft			a/	a/			
3849 Other transport equipment			443.0	254	59.5	25.0	
385 Professional and scientific equipment			1342.0	749	55.5	29.9	
3851 Prof and scientific equipment n e c			1002.0	572	57.1	24.1	
3852 Photographic and optical goods			152.0	103	53.5	53.0	
3853 watches and clocks			178.0	74	41.5	42.7	
390 Other manufacturing industries	31.4	337.1	2275.0	900	39.5	55.3	
3901 Jewellery and related articles			885.0	112	12.7	50.5	
3902 Musical instruments			34.0	22	54.7	51.4	
3903 Sporting and athletic goods			7.0	4	57.1		
3909 Manufacturing industries, n e c			1349.0	752	55.5	55.3	
3 Total manufacturing	b/	813.7	11485.8	81255.7	35117b/	43.2	25.1

a/ Data suppressed due to confidentiality rules

b/ Sum of available data.

Russian Federation

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million ROUBLES)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311.2 Food Products														
313 Beverages														
314 Tobacco														
321 Textiles														
322 wearing apparel, except footwear														
323 Leather and fur products														
324 Footwear, except rubber or plastic														
331 wood products, except furniture														
332 Furniture and fixtures, excl metal														
341 Paper and products														
342 Printing and publishing														
351 Industrial chemicals														
352 Other chemicals														
353 Petroleum refineries														
354 Misc petroleum and coal products														
355 Rubber products														
356 Plastic products														
361 Pottery, china, earthenware														
362 Glass and products														
369 Other non-metallic mineral products														
371 Iron and steel														
372 Non-ferrous metals														
381 Fabricated metal products														
382 Non-electrical machinery														
383 Electrical machinery														
384 Transport equipment														
385 Professional and scientific equipment														
390 Other manufacturing industries														
3 Total manufacturing														

SENEGAL

Supplier of information:

Direction de la statistique, Ministère de l'économie et des finances, Dakar.

Basic source of data:

Survey of industrial activities.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond with the current version of the ISIC. Lack of detail in national data, however, results in several cases where exact correspondence with the current ISIC cannot be achieved. Data for food products (ISIC 311/2) exclude the processing of fish.

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

All establishments excluding handicrafts.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Output is the total value of turnover adjusted for changes in the value of stocks of finished goods and work in progress.

Related national publications:

Comptes économiques (annual) published by the Direction de la statistique, Ministère de l'économie et des finances, Dakar.

Senegal

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees (million CFA FRANCS)			
		(numbers)					(numbers)					(million CFA FRANCS)			
		1990	1991a/	1992a/	1993a/		1990	1991a/	1992a/	1993a/		1990	1991a/	1992a/	1993a/
311/2 Food Products		60	50	48	44		18311	19045	14072	13657		22418	21440	20339	19337
3111 Slaughtering, preparing & preserving meat		5	...	4	2		1782	...	296	31		936	...	...	...
3112 Dairy products		3	...	3	3		681	...	333	329		1433	...	...	...
3113 Canning, preserving of fruits & vegetables		3	...	1	2		594	...	183	501		475	...	...	...
3114 Canning, preserving and processing of fish		18	...	10	8		6993	...	3301	2713		4478	...	...	...
3115 Vegetable and animal oils and fats		1	...	1	1		2867	...	2503	2250		4729	...	...	...
3116 Grain mill products		2	...	2	2		508	...	666	621		1822	...	...	...
3117 Bakery products		19	...	15	15		820	...	441	481		587	...	...	...
3118 Sugar factories and refineries		1	...	1	1		4042	...	5871	6252		7436	...	...	...
3119 Cocoa, chocolate and sugar confectionery		1	...	1	2		106	...	133	227		212	...	...	...
3121 Other food products		6	...	10	6		162	...	266	103		196	...	...	...
3122 Prepared animal feeds		1	...	...	2		57	...	89	49		116	...	...	...
313 Beverages		4	4	5	3		524	493	418	381		1176	1136	1082	1100
3131 Distilling, rectifying and blending spirits		-	-	-	-		-	-	-	-		-	-	-	-
3132 Wine industries		-	-	-	-		-	-	-	-		-	-	-	-
3133 Malt liquors and malt		3	...	5	3		485	...	418	381		1094	...	...	...
3134 Soft drinks and carbonated waters		1	...	-	-		39	...	-	-		81	...	...	...
314 Tobacco		2	2	2	2		306	430	381	321		1179	1193	1211	1066
32 Textiles		12	10	12	6		4196	1810	1836	1690		4940	2629	2087	2279
3211 Spinning, weaving and finishing textiles		8	...	8	5		4034	...	1762	1690		4782	...	...	...
3212 Made-up textile goods excl. wearing apparel		1	...	1	-		9	...	-	-		13	...	...	...
3213 Knitting mills		1	...	2	-		20	...	20	-		15	...	...	...
3214 Carpets and rugs		1	...	1	-		87	...	63	-		119	...	...	...
3215 Cordage, rope and twine		1	...	-	-		46	...	-	-		31	...	...	...
3219 Other textiles		-	-	-	-		-	-	-	-		-	-	-	-
322 Wearing apparel, except footwear		1	2	2	2		68	581	409	621		21	266	248	466
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		2	2	2	3		69	76	66	171		96	96	100	114
3311 Sawmills, planing and other wood mills		2	...	...	...		69	...	...	...		96	...	...	...
3312 Wooden and cane containers		-	-	-	-		-	-	-	-		-	-	-	-
3319 Other wood and cork products		-	-	-	-		-	-	-	-		-	-	-	-
332 Furniture and fixtures, excl. metal		4	3	4	4		71	66	200	63		35	34	51	64
341 Paper and products		6	5	4	4		234	282	286	291		458	667	660	600
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard		2	...	...	...		217	...	...	...		448	...	...	...
3419 Other pulp, paper and paperboard articles		4	...	...	...		7	...	...	...		10	...	...	...
342 Printing and publishing		20	17	18	16		766	739	711	672		1343	1102	1486	1391
351 Industrial chemicals		14	8	11	10		1428	1119	1382	1311		3096	2961	3366	3118
3511 Basic chemicals excl. fertilizers		7	...	...	...		1206	...	...	...		2827	...	...	...
3512 Fertilizers and pesticides		-	-	-	-		-	-	-	-		-	-	-	-
3513 Synthetic resins and plastic materials		7	...	...	...		222	...	...	...		268	...	...	...
352 Other chemicals		19	14	14	11		1629	1311	1530	759		2167	2142	2258	1603
3521 Paints, varnishes and lacquers		6	...	...	...		284	...	...	...		517	...	...	...
3522 Drugs and medicines		3	...	...	...		232	...	...	...		1289	...	...	...
3523 Soap, cleaning preps, perfumes, cosmetics		7	...	...	...		932	...	...	...		361	...	...	...
3529 Other chemical products		4	...	...	...		181	...	...	...		-	...	...	...
353 Petroleum refineries		1	1	1	1		326	281	246	299		1168	1099	1082	1008

354 Misc. petroleum and coal products	-	1	-	2	-	24	-	32	-	52	-	72
355 Rubber products	-	1	1	1	-	9	9	9	-	11	8	8
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	19	16	17	14	1329	932	990	855	1416	1065	877	898
361 Pottery, china, earthenware	-	-	-	-	-	-	-	-	-	-	-	-
362 Glass and products	-	-	-	-	-	-	-	-	-	-	-	-
369 Other non-metallic mineral products	4	3	2	4	491	469	718	735	1153	1180	1100	1204
3691 Structural clay products	-	...	...	...	-	...	...	...	-	...	...	...
3692 Cement, lime and plaster	1	...	...	...	381	...	...	...	830	...	...	...
3699 Other non-metallic mineral products	3	...	...	...	110	...	...	...	323	...	...	...
371 Iron and steel	-	-	-	-	-	-	-	-	-	-	-	-
372 Non-ferrous metals	-	-	-	-	-	-	-	-	-	-	-	-
381 Fabricated metal products	18	10	11	11	817	577	555	545	1183	1139	1058	1132
3811 Cutlery, hand tools and general hardware	-	...	...	...	-	...	...	...	-	...	...	...
3812 Furniture and fixtures primarily of metal	4	...	...	...	74	...	...	...	76	...	...	...
3813 Structural metal products	9	...	...	...	248	...	...	...	258	...	...	...
3819 Other fabricated metal products	5	...	...	...	495	...	...	...	829	...	...	...
382 Non-electrical machinery	1	1	1	1	429	551	245	218	380	318	306	314
3821 Engines and turbines	-	...	...	...	-	...	...	...	-	...	...	...
3822 Agricultural machinery and equipment	1	...	...	...	429	...	...	...	380	...	...	...
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	3	2	3	1	328	205	219	251	484	560	607	482
3831 Electrical industrial machinery	1	...	...	...	12	...	...	...	3	...	...	...
3832 Radio, television and communication equipm.	-	...	...	...	-	...	...	...	-	...	...	...
3833 Electrical appliances and housewares	-	...	...	...	-	...	...	...	-	...	...	...
3839 Other electrical apparatus and supplies	2	...	...	...	314	...	...	...	481	...	...	...
384 Transport equipment	16	11	10	8	1140	1183	895	375	1996	3027	2880	1141
3841 Shipbuilding and repairing	6	...	...	...	741	...	...	...	1842	...	...	...
3842 Railroad equipment	-	...	...	...	-	...	...	...	-	...	...	...
3843 Motor vehicles	9	...	...	...	380	...	...	...	120	...	...	...
3844 Motorcycles and bicycles	1	...	...	...	39	...	...	...	33	...	...	...
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	1	-	1	17	7	-	2	20	...	-	1
3901 Jewellery and related articles	2	...	...	...	17	...	...	...	20	...	...	...
3902 Musical instruments	-	...	...	...	-	...	...	...	-	...	...	...
3903 Sporting and athletic goods	-	...	...	...	-	...	...	...	-	...	...	...
3909 Manufacturing industries, n.e.c.	-	...	...	...	-	...	...	...	-	...	...	...
3 Total manufacturing	208	164	168	149	32476	30200	25193	23166	44706	41893	40685	37387

a/ Data are provisional

Senegal

ISIC Industry	Note	Output in producers' prices (million CFA FRANCS)				Note	Value added in producers' prices (million CFA FRANCS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1990	1991	1992	1993		1990	1991a/	1992a/	1993a/	1990	1993	1990	1993
311/2 Food Products		221758				60093	49766	42957	47037	27.1		37.3	41.1	
3111 Slaughtering, preparing & preserving meat		3813				1713				44.9		54.6		
3112 Dairy products		13615				4911				36.1		29.2		
3113 Canning, preserving of fruits & vegetables		4338				1140				26.3		41.7		
3114 Canning, preserving and processing of fish		49945				8031				16.1		55.8		
3115 Vegetable and animal oils and fats		81231				14812				18.2		31.9		
3116 Grain mill products		20515				3541				17.3		51.5		
3117 Bakery products		3616				1043				28.8		56.3		
3118 Sugar factories and refineries		39042				23431				60.0		31.7		
3119 Cocoa, chocolate and sugar confectionery		1533				576				37.5		36.9		
3121 Other food products		3402				614				18.0		31.8		
3122 Prepared animal feeds		708				282				39.8		41.1		
313 Beverages		9237				4640	4457	4523	4693	50.2		25.3	23.4	
3131 Distilling, rectifying and blending spirits		-				-								
3132 Wine industries		-				-								
3133 Malt liquors and malt		9051				4615				51.0		23.7		
3134 Soft drinks and carbonated waters		186				25				13.4				
314 Tobacco		1364?				4381	3591	4130	4197	32.1		25.9	25.4	
321 Textiles		22637				3409	2221	2269	906	15.1				
3211 Spinning, weaving and finishing textiles		22330				3266				14.6				
3212 Made-up textile goods excl. wearing apparel		46				19				41.3		68.4		
3213 Knitting mills		58				22				37.9		68.2		
3214 Carpets and rugs		101				66				65.3				
3215 Cordage, rope and twine		102				36				35.3		86.1		
3219 Other textiles		-				-								
322 Wearing apparel, except footwear		127				47	-298	-837	1382	37.0		44.7	33.6	
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		993				162	178	188	227	15.3		62.5	50.2	
3311 Sawmills, planing and other wood mills		993				162				15.3		62.5		
3312 Wooden and cane containers		-				-								
3319 Other wood and cork products		-				-								
332 Furniture and fixtures, excl. metal		234				57	69	101	59	24.4		51.4	91.6	
341 Paper and products		4575				1229	1531	1501	1499	26.9		37.3	40.0	
3411 Pulp, paper and paperboard articles		-				-								
3412 Containers of paper and paperboard		4460				1219				27.3		36.8		
3419 Other pulp, paper and paperboard articles		115				10				8.7				
342 Printing and publishing		8568				2726	2728	4403	2366	31.8		49.3	58.8	
351 Industrial chemicals		35050				3469	10228	8678	7745	9.9		89.6	40.3	
3511 Basic chemicals excl. fertilizers		31958				2921				9.1		96.8		
3512 Fertilizers and pesticides		-				-								
3513 Synthetic resins and plastic materials		3092				538				17.4		49.8		
352 Other chemicals		21292				6504	6267	7725	5309	30.5		33.7	30.2	
3521 Paints, varnishes and lacquers		2907				965				33.2				
3522 Drugs and medicines		3163				1272				40.2		40.6		
3523 Soap, cleaning preps., perfumes, cosmetics		13219				3367				25.6		38.3		
3529 Other chemical products		2003				900				44.9		40.1		
353 Petroleum refineries		39391				7360	2716	4364	3700	18.7		15.9	27.2	

354 Misc petroleum and coal products	-	-	-	94	-	66			
355 Rubber products	-	-	-	-4	-10	-3			
3551 Tyres and tubes	-	-	-	-	-	-			
3559 Other rubber products	-	-	-	-	-	-			
356 Plastic products	10685			2901	2554	6242	2156	27 2	48 8 41 7
361 Pottery, china, earthenware	-	-	-	-	-	-	-		
362 Glass and products	-	-	-	-	-	-	-		
369 Other non-metallic mineral products	18468			8485	7916	8691	8410	45 9	13 6 14 3
3691 Structural clay products	-	-	-	7892	-	-	-	46 0	10 5
3692 Cement, lime and plaster	17167			593	-	-	-	45 6	54 5
3699 Other non-metallic mineral products	1301			-	-	-	-		
371 Iron and steel	-	-	-	-	-	-	-		
372 Non-ferrous metals	-	-	-	-	-	-	-		
381 Fabricated metal products	10454			3110	3457	3415	3232	29 7	37 4 35 0
3811 Cutlery, hand tools and general hardware	-	-	-	-	-	-	-		
3812 Furniture and fixtures primarily of metal	418			106	-	-	-	25 5	71 7
3813 Structural metal products	1823			489	-	-	-	26 8	52 8
3819 Other fabricated metal products	8215			2516	-	-	-	30 6	33 0
382 Non-electrical machinery	1185			492	480	455	378	41 6	77 2 83 1
3821 Engines and turbines	-	-	-	-	-	-	-		
3822 Agricultural machinery and equipment	1185			492	-	-	-	41 6	77 2
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	4485			721	892	891	717	16 1	67 1 67 2
3831 Electrical industrial machinery	63			26	-	-	-	41 3	11 6
3832 Radio, television and communication equipm	-	-	-	-	-	-	-		
3833 Electrical appliances and housewares	-	-	-	-	-	-	-		
3839 Other electrical apparatus and supplies	4422			695	-	-	-	15 7	69 2
384 Transport equipment	8114			4758	3667	3438	2209	58 6	41 9 51 7
3841 Shipbuilding and repairing	4697			2783	-	-	-	59 3	66 2
3842 Railroad equipment	-	-	-	-	-	-	-		
3843 Motor vehicles	3110			1918	-	-	-	61 7	6 3
3844 Motorcycles and bicycles	307			57	-	-	-	18 6	57 9
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	46			30	6	-	-4	66 2	66 7
3901 Jewellery and related articles	46			30	-	-	-	66 2	66 7
3902 Musical instruments	-	-	-	-	-	-	-		
3903 Sporting and athletic goods	-	-	-	-	-	-	-		
3909 Manufacturing industries, n.e.c.	-	-	-	-	-	-	-		
3 Total manufacturing	430941			114554	101495	103114	96279	26 6	39 0 38 8

a/ Data are provisional

Senegal

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million CFA FRANCS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		48800	...	...	...		89	74	122	159	141	145	85	120	118
313 Beverages		596	...	...	...		78	63	75	81	79	80	72	77	72
314 Tobacco		734	...	...	...		96	91	65	44	55	72	64	56	55
321 Textiles		1734	...	...	...		180	91	124	140	73	89	80	81	72
322 Wearing apparel, except footwear		4	...	...	...		...	...	...	...	...	...	...	...	...
323 Leather and fur products		-	
324 Footwear, except rubber or plastic		-	
331 Wood products, except furniture		8	...	...	...		86	73	94	63	48	69	75	74	73
332 Furniture and fixtures, excl. metal		5	...	...	...		...	...	...	...	...	...	...	...	...
341 Paper and products		107	...	...	...		101	149	100	99	101	109	109	90	82
342 Printing and publishing		487	...	...	...		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		7594	...	...	...	a/	85	83	98	95	80	94	106	98	99
352 Other chemicals		1128	...	...	...	a/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		173	...	...	...	a/	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		-	a/	...	...	...	...	...	...	...	...	...
355 Rubber products		-	a/	...	...	...	...	...	...	...	...	...
356 Plastic products		1563	...	...	...	a/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		-	
362 Glass and products		-	
369 Other non-metallic mineral products		134	...	...	...		101	92	84	95	90	117	117	136	136
371 Iron and steel		-	
372 Non-ferrous metals		-	
381 Fabricated metal products		468	...	...	...		95	109	111	90	72	141	145	127	138
382 Non-electrical machinery		14	...	...	...		...	...	...	...	...	...	...	...	...
383 Electrical machinery		185	...	...	...		218	159	136	142	153	59	17	13	16
384 Transport equipment		345	...	...	...		137	74	200	182	103	200	163	183	185
385 Professional and scientific equipment		-	
390 Other manufacturing industries		-	
3 Total manufacturing		64080	...	...	...		...	...	...	...	...	...	...	...	...

a/ 351 includes 352, 353, 354, 355 and 356

SIERRA LEONE

Supplier of information:

Department of Trade, Industry and State Enterprise, Government of Sierra Leone, Freetown.

Basic source of data:

Survey of medium and large scale manufacturing enterprises.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

All establishments in the manufacturing sector.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Wages and salaries is compensation of employees.

Related national publications:

Sierra Leone

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of persons engaged (numbers)				Note	Wages and salaries paid to employees (million LEONES)				
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993	
311/2 Food Products					47							5998				1909.8
3111 Slaughtering, preparing & preserving meat					7							183				
3112 Dairy products					1							116				
3113 Canning, preserving of fruits & vegetables																
3114 Canning, preserving and processing of fish					1							60				
3115 Vegetable and animal oils and fats					2							170				
3116 Grain mill products					12							291				
3117 Bakery products					12							289				
3118 Sugar factories and refineries					3							3210				
3119 Cocoa, chocolate and sugar confectionery					1							136				
3121 Other food products					7							1689				
3122 Prepared animal feeds					1							16				
313 Beverages					14							1369				936.6
3131 Distilling, rectifying and blending spirits					9							292				
3132 Wine industries					1							600				
3133 Malt liquors and malt					1							216				
3134 Soft drinks and carbonated waters					3							362				
314 Tobacco					1							194				693.6
321 Textiles					3							33				6.6
3211 Spinning, weaving and finishing textiles					3							33				
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					28							607				91.0
323 Leather and fur products					1							62				5.4a/
3231 Tanneries and leather finishing																
3232 Fur dressing and dyeing industries																
3233 Leather prods excl wearing apparel					1							62				
324 Footwear, except rubber or plastic					1							13				a/
331 Wood products, except furniture					5							484				48.6
3311 Sawmills, planing and other wood mills					4							484				
3312 Wooden and cane containers																
3319 Other wood and cork products					1							10				
332 Furniture and fixtures, excl metal					48							897				161.1
341 Paper and products					3							36				20.2
3411 Pulp, paper and paperboard articles					3							36				
3412 Containers of paper and paperboard																
3419 Other pulp, paper and paperboard articles																
342 Printing and publishing					16							979				121.1
351 Industrial chemicals					2							91				406.3a/
3511 Basic chemicals excl fertilizers					2							91				
3512 Fertilizers and pesticides																
3513 Synthetic resins and plastic materials																
352 Other chemicals					20							611				b/
3521 Paints, varnishes and lacquers					2							67				
3522 Drugs and medicines					1							33				
3523 Soap, cleaning preps, perfumes, cosmetics					11							206				
3529 Other chemical products					6							306				
353 Petroleum refineries					1							166				b/

Sierra Leone

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million LEONES)					(million LEONES)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311 2 Food Products					50188 0				19333 2		38 6		9 9	
313 Beverages					19608 9				11292 8		87 6		8 3	
314 Tobacco					8619 7				6491 2		83 0		10 8	
321 Textiles					47 1				20 4		43 3		27 6	
322 wearing apparel, except footwear					741 6				502 1		67 7		18 1	
323 Leather and fur products					86 4a/				47 4a/		64 9		11 4	
324 Footwear, except rubber or plastic					a/				a/					
331 Wood products, except furniture					467 1				143 1		30 6		33 9	
332 Furniture and fixtures, excl metal					1264 7				647 0		61 2		23 4	
341 Paper and products					172 8				96 7		66 4		21 1	
342 Printing and publishing					2786 4				1170 8		42 3		10 3	
351 Industrial chemicals					13430 9b/				10660 3b/		78 6		3 8	
352 Other chemicals					b/				b/					
353 Petroleum refineries					b/				b/					
354 Misc petroleum and coal products					b/				b/					
355 Rubber products					b/				b/					
356 Plastic products					b/				b/					
361 Pottery, china, earthenware					3400 7c/				1844 1c/		64 2		2 7	
362 Glass and products					c/				c/					
369 Other non-metallic mineral products					c/				c/					
371 Iron and steel														
372 Non-ferrous metals														
381 Fabricated metal products					1817 2				1073 2		69 1		18 4	
382 Non-electrical machinery														
383 Electrical machinery														
384 Transport equipment														
385 Professional and scientific equipment														
390 Other manufacturing industries					65 5				38 6		68 9		18 4	
3 Total manufacturing					100676 0d/				62269 9d/		61 9		6 7	

a/ 323 includes 324
c/ 361 includes 362 and 369

b/ 351 includes 352, 353, 354, 355 and 356
d/ Sum of available data

SINGAPORE

Supplier of information:

Research and Statistics Unit, Economic Development Board, Singapore.

Basic source of data:

Annual census of industrial production.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with the current version of the ISIC.

Reference period (if not calendar year):

Establishments with financial years ending on or before 31 March are allowed to report on a financial year basis.

Scope:

All establishments in the private sector with 10 or more persons engaged.

Method of enumeration:

The census is conducted primarily by mail.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Persons engaged is as of the pay period nearest to 30 June of the reference year.

Wages and salaries is compensation of employees.

Output does not include net revenues from goods shipped in the same condition as received.

Related national publications:

Report on the Census of Industrial Production (annual), published by the Economic Development Board, Singapore. Yearbook of Statistics, Singapore, published by the Department of Statistics, Singapore.

Singapore

ISIC Industry	Note	Number of establishments (numbers)				Note	Number of persons engaged (numbers)				Note	Wages and salaries paid to employees (thousand DOLLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		255	271	293	295		10615	11104	11565	11874		206885	235554	255692	280240
3111 Slaughtering, preparing & preserving meat		11	17	17	18		611	703	675	743		10720	13908	11547	13818
3112 Dairy products		12	9	9	9		1305	1296	1282	1347		25936	31618	33684	38061
3113 Canning, preserving of fruits & vegetables		24	22	23	24		641	629	704	762		11394	13316	15379	17916
3114 Canning, preserving and processing of fish		18	20	22	25		686	732	676	763		10263	10623	12034	14983
3115 Vegetable and animal oils and fats		15	13	14	13		1020	923	961	766		23224	24123	26962	23139
3116 Grain mill products		-	-	-	-		-	-	-	-		-	-	-	-
3117 Bakery products		85	87	93	93		2409	2784	3124	3285		38516	49190	67163	64971
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-		-	-	-	-
3119 Cocoa, chocolate and sugar confectionery		7	7	7	7		850	846	762	684		20000	20473	20866	20086
3121 Other food products		85	89	101	99		2790	2933	3131	3256		67438	66876	73206	78997
3122 Prepared animal feeds		8	7	7	7		300	268	261	269		8394	6633	6866	8279
313 Beverages		14	14	14	13		2439	2440	2306	2190		63691	72801	70772	67773
3131 Distilling, rectifying and blending spirits	a/	5	5	5	5	a/	760	730	675	662	a/	18367	22291	24983	26342
3132 Wine industries	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
3133 Malt liquors and malt	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
3134 Soft drinks and carbonated waters		9	9	9	8		1679	1710	1631	1628		45324	50609	46789	42431
314 Tobacco		5	4	3	3		731	816	763	762		26409	28925	30200	33612
321 Textiles		65	64	64	65		3406	3343	3286	3101		55164	60431	61794	62681
3211 Spinning, weaving and finishing textiles		27	26	23	23		2003	1971	1908	1706		31146	33816	36217	34446
3212 Made-up textile goods excl. wearing apparel		11	11	13	12		324	276	324	343		4690	6064	6261	5714
3213 Knitting mills		21	22	23	25		796	843	832	849		13832	16847	16264	17114
3214 Carpets and rugs		-	-	-	-		-	-	-	-		-	-	-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-		-	-	-	-
3219 Other textiles		6	6	6	6		281	264	222	203		6497	6706	6062	6307
322 Wearing apparel, except footwear		370	351	347	311		27894	26916	23434	20866		323432	321680	314584	282768
323 Leather and fur products		17	19	20	20		677	788	836	826		10369	13191	15428	17010
3231 Tanneries and leather finishing		-	-	-	-		-	-	-	-		-	-	-	-
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-		-	-	-	-
3233 Leather prod. excl. wearing apparel		17	19	20	20		677	788	836	826		10369	13191	15428	17010
324 Footwear, except rubber or plastic		32	29	27	24		781	638	536	469		9126	8366	8896	7991
331 Wood products, except furniture		82	76	74	72		2574	2204	2107	1864		43608	41944	42638	38630
3311 Sawmills, planing and other wood mills		55	49	47	46		2011	1828	1626	1262		36987	33322	31790	27769
3312 Wooden and cane containers		23	23	23	22		514	521	606	536		6829	7690	9471	9491
3319 Other wood and cork products		4	4	4	4		49	66	76	77		792	1032	1377	1369
332 Furniture and fixtures, excl. metal		141	139	135	141		6621	6465	6310	6344		99270	103181	106476	116193
341 Paper and products		92	95	100	102		4604	4932	5032	5184		98642	116020	124326	136607
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-		-	-	-	-
3412 Containers of paper and paperboard		62	61	64	65		3106	3374	3370	3338		69408	81692	85062	92162
3419 Other pulp, paper and paperboard articles		30	34	36	37		1499	1658	1662	1846		29234	33326	39274	44446
342 Printing and publishing		327	342	361	383		15806	16836	17263	17981		378661	462626	487726	632666
351 Industrial chemicals		77	77	74	75		4760	4814	4862	5276		196279	213460	227227	266206
3511 Basic chemicals excl. fertilizers	b/	48	46	45	44	b/	2973	2803	2893	2837	b/	128346	138216	148838	149464
3512 Fertilizers and pesticides	b/	-	-	-	-	b/	-	-	-	-	b/	-	-	-	-
3513 Synthetic resins and plastic materials		29	31	29	31		1777	2011	1969	2438		66933	76244	78389	116761
352 Other chemicals		93	94	97	95		5168	6282	6606	6444		166493	171402	192671	207016
3521 Paints, varnishes and lacquers		20	20	20	20		1361	1439	1663	1608		39261	61071	67619	62126
3522 Drugs and medicines		19	18	19	19		1664	1706	1763	1672		48886	62622	66980	61610
3523 Soap, cleaning preps, perfumes, cosmetics		26	27	29	28		1067	968	947	918		27098	22826	26768	26136
3529 Other chemical products		28	29	29	28		1086	1170	1243	1246		40248	44882	63304	58246
353 Petroleum refineries	c/	15	17	18	20	c/	3291	3726	3808	3896	c/	204000	241649	262679	288066

354 Misc petroleum and coal products	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
355 Rubber products		30	31	28	29		1611	1760	1691	1760		32175	36374	40690	42696
3551 Tyres and tubes		-	-	-	-		-	-	-	-		-	-	-	-
3553 Other rubber products		30	31	28	29		1611	1760	1691	1760		32175	36374	40690	42696
356 Plastic products		293	294	302	313		14922	16181	16357	17550		249678	284072	313733	379916
361 Pottery, china, earthenware	d/	8	10	12	13	d/	798	880	899	968	d/	18328	22412	25376	25752
362 Glass and products	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
369 Other non-metallic mineral products		65	67	71	75		4,56	4306	4719	5071		87698	106587	119275	135679
3691 Structural clay products		7	6	6	7		375	293	294	300		6225	6410	7549	8027
3692 Cement, lime and plaster		5	5	5	5		4,6	420	450	455		13301	17787	21481	24822
3699 Other non-metallic mineral products		53	56	60	63		3635	3592	3975	4306		68173	81391	90246	102730
371 Iron and steel		14	13	15	16		1730	1787	1756	1714		46765	53211	58261	62706
372 Non-ferrous metals		21	21	20	22		815	824	788	696		21080	22975	25586	22897
381 Fabricated metal products		479	518	528	545		28440	30693	30200	32606		563425	653492	702616	795310
3811 Cutlery, hand tools and general hardware		10	10	11	10		1185	1245	1348	1280		21287	23877	25184	27787
3812 Furniture and fixtures primarily of metal		22	20	21	18		475	465	450	420		9379	10395	10897	10602
3813 Structural metal products		143	137	136	146		4127	4587	4769	5781		81847	89148	108308	129715
3819 Other fabricated metal products		304	351	360	371		22673	24296	23623	25175		450912	520272	558248	627206
382 Non-electrical machinery		459	466	518	518		67322	66482	70669	68696		1284701	1380681	1592155	1675458
3821 Engines and turbines		-	-	-	-		-	-	-	-		-	-	-	-
3822 Agricultural machinery and equipment		-	-	-	-		-	-	-	-		-	-	-	-
3823 Metal and wood working machinery		135	131	149	167		8291	5119	5258	5550		129392	120554	137048	163292
3824 Other special industrial machinery		83	88	93	88		5102	5691	6027	5141		154135	184251	208545	219474
3825 Office, computing and accounting machinery	e/	54	53	54	51	e/	43142	42374	44711	43298	e/	715550	750053	855263	907232
3829 Other non-electrical machinery & equipment		187	194	222	212		12787	13298	14673	13709		285824	325623	391309	396469
383 Electrical machinery		323	334	346	352		101774	101887	97859	93832		1814839	1987787	2115350	2232013
3831 Electrical industrial machinery		62	62	66	58		8942	7680	5995	6590		146408	152978	141100	154753
3832 Radio, television and communication equipm.		175	177	180	181		77750	79190	75182	73006		1414807	1543479	1546827	1722936
3833 Electrical appliances and housewares		8	7	7	7		3783	3752	3598	3306		54803	57092	59434	77843
3839 Other electrical apparatus and supplies		80	88	93	96		11289	11265	11084	10830		199822	224239	257990	276473
384 Transport equipment		217	238	246	282		26133	29737	31699	32857		630445	730120	902559	984539
3841 Shipbuilding and repairing		163	179	186	221		16198	21033	21375	21703		418740	480907	618767	571850
3842 Railroad equipment		-	-	-	-		-	-	-	-		-	-	-	-
3843 Motor vehicles		18	19	19	19		1421	1584	1553	1539		31031	35013	49691	35407
3844 Motorcycles and bicycles		-	-	-	-		-	-	-	-		-	-	-	-
3845 Aircraft		26	28	31	32		5675	6259	7915	8745		163082	193559	311803	350723
3849 Other transport equipment		10	12	10	10		838	851	855	870		17592	20632	22308	25548
385 Professional and scientific equipment		57	61	60	55		8263	8577	8841	8298		155345	183536	198955	201591
3851 Prof. and scientific equipment n.e.c.		37	39	38	38		4369	4584	5318	5071		84735	103603	118112	125540
3852 Photographic and optical goods		14	14	14	14		2134	2079	2010	1949		38749	42979	47193	42498
3853 Watches and clocks		6	8	8	6		1750	1834	1513	1278		34859	37054	33651	33553
390 Other manufacturing industries		142	140	144	151		6454	5952	5322	5059		97992	103133	100571	100555
3901 Jewellery and related articles		62	59	62	65		1528	1412	1395	1342		26840	27750	28298	29105
3902 Musical instruments		-	-	-	-		-	-	-	-		-	-	-	-
3903 Sporting and athletic goods		4	5	5	5		264	189	172	177		6169	6039	4938	4880
3909 Manufacturing industries, n.e.c.		76	75	77	81		4552	4351	3752	3540		54982	70344	67335	65572
3 Total manufacturing		3703	3785	3917	3993		351674	358274	358394	355175		6875593	7855899	8387082	8995370

a/ 3131 includes 3132 and 3133.

c/ 353 includes 354

e/ Includes computers, disk drives and other computer peripheral equipment.

b/ 3511 includes 3512.

d/ 361 includes 362.

Singapore

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of value added and salaries in value added	
		(thousand DOLLARS)					(thousand DOLLARS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		2044107	2102843	2142101	2260022		583406	628459	653672	718700	28.5	31.8	36.5	39.0
3111 Slaughtering, preparing & preserving meat		59290	79919	68702	90043		34250	41862	30706	34712	57.8	38.6	31.3	39.8
3112 Dairy products		385906	400914	413230	398818		120687	132961	144830	143123	21.2	35.9	22.3	28.6
3113 Canning, preserving of fruits & vegetables		69706	67690	74526	81042		29436	29461	33321	36231	42.2	44.7	38.7	49.4
3114 Canning, preserving and processing of fish		88305	98045	84144	122979		16598	10962	15166	26253	18.8	21.3	61.8	67.1
3115 Vegetable and animal oils and fats		423837	392412	438391	448160		64204	58807	65113	67987	15.1	12.9	36.2	39.9
3116 Grain mill products		-	-	-	-		-	-	-	-	-	-	-	-
3117 Bakery products		209780	234841	266467	294818		95592	113514	132053	147772	45.6	50.1	40.3	44.0
3118 Sugar factories and refineries		-	-	-	-		-	-	-	-	-	-	-	-
3119 Cocoa, chocolate and sugar confectionery		193745	183757	166461	142024		70086	61766	54453	49223	36.2	34.7	28.6	40.8
3121 Other food products		537868	672822	567751	610610		139625	164070	178379	206248	26.0	33.6	41.1	38.6
3122 Prepared animal feeds		75671	72442	62429	71629		13019	12076	10653	18152	17.2	25.3	64.6	45.6
313 Beverages		510643	525135	555910	558134		251748	265043	277573	290060	49.3	52.0	25.3	23.4
3131 Distilling, rectifying and blending spirits	a/	189559	204574	217820	232730	a/	131360	142305	154628	165027	69.3	70.9	14.0	15.4
3132 Wine industries	a/	-	-	-	-	a/	-	-	-	-	-	-	-	-
3133 Malt liquors and malt	a/	-	-	-	-	a/	-	-	-	-	-	-	-	-
3134 Soft drinks and carbonated waters		321084	320562	338090	325404		120389	122738	122946	126023	37.6	38.4	37.6	33.9
314 Tobacco		287643	330530	369996	384551		116058	127349	168099	181569	40.3	47.2	21.9	18.5
321 Textiles		394576	401683	388303	368016		129826	128534	120813	116663	32.9	31.7	42.5	63.6
3211 Spinning, weaving and finishing textiles		210597	213223	186710	165278		76656	68937	64184	62910	35.9	37.8	41.2	64.8
3212 Made-up textile goods excl. wearing apparel		30312	24555	28070	24432		11748	10539	11242	10109	38.8	41.4	39.9	56.5
3213 Knitting mills		126147	138133	146053	160058		31464	36878	34402	32261	24.9	21.5	44.0	63.1
3214 Carpets and rugs		-	-	-	-		-	-	-	-	-	-	-	-
3215 Cordage, rope and twine		-	-	-	-		-	-	-	-	-	-	-	-
3219 Other textiles		27420	25772	27470	27248		10959	10281	10985	11392	40.0	41.8	60.2	46.6
322 Wearing apparel, except footwear		1729826	1739099	1631536	1329421		632830	622047	493902	430206	30.8	32.4	60.7	65.7
323 Leather and fur products		54815	62685	75602	78076		19831	21682	26572	32770	36.2	42.0	52.2	61.9
3231 Tanneries and leather finishing		-	-	-	-		-	-	-	-	-	-	-	-
3232 Fur dressing and dyeing industries		-	-	-	-		-	-	-	-	-	-	-	-
3233 Leather prods. excl. wearing apparel		54815	62685	75602	78076		19831	21682	26572	32770	36.2	42.0	52.2	61.9
324 Footwear, except rubber or plastic		50378	52555	48046	45506		16427	16602	15393	16707	32.6	34.5	55.6	60.1
331 Wood products, except furniture		350120	297435	293029	296398		98848	79106	77168	78602	28.2	27.1	44.1	49.1
3311 Sawmills, planing and other wood mills		279537	227414	220492	212887		78182	60483	56672	57206	28.0	26.9	46.0	48.5
3312 Wooden and cane containers		63118	62739	65005	68198		17679	15763	17169	18746	28.0	27.6	38.6	60.6
3319 Other wood and cork products		7485	7283	7533	9313		2987	2860	3327	2660	40.0	28.5	26.5	51.7
332 Furniture and fixtures, excl. metal		516346	517219	531238	616516		161946	171447	184651	201003	31.4	32.6	61.3	67.6
341 Paper and products		816267	869529	802387	853670		343000	358891	349608	401391	42.0	47.0	28.8	34.0
3411 Pulp, paper and paperboard articles		-	-	-	-		-	-	-	-	-	-	-	-
3412 Containers of paper and paperboard		593581	628467	557652	608525		250609	274073	257753	301268	43.9	49.5	26.6	30.6
3419 Other pulp, paper and paperboard articles		222706	241061	245735	245145		82391	84817	91856	100123	37.0	40.8	35.6	44.4
342 Printing and publishing		1742910	1929194	2133383	2302790		932546	1043525	1215358	1350360	53.5	58.6	40.6	39.4
351 Industrial chemicals		3149983	3091799	2643112	2654232		1055191	960720	835708	873124	33.6	32.9	18.6	30.4
3511 Basic chemicals excl. fertilizers	b/	1851672	1773967	1546103	1465723	b/	651620	562411	487690	485191	35.2	33.1	19.7	30.6
3512 Fertilizers and pesticides	b/	-	-	-	-	b/	-	-	-	-	-	-	-	-
3513 Synthetic resins and plastic materials		1298311	1317832	1097009	1188509		406571	398310	348018	387932	31.3	32.6	16.6	29.8
352 Other chemicals		1771876	2251766	2292510	2374154		1088147	1466661	1489936	1586944	61.4	66.8	14.3	13.0
3521 Paints, varnishes and lacquers		325710	382922	430147	416889		102359	129026	153936	156383	31.4	37.6	38.4	39.7
3522 Drugs and medicines		1020836	1438973	1376118	1436104		809074	1182911	1136906	1212692	79.3	84.4	6.0	6.1
3523 Soap, cleaning preps., perfumes, cosmetics		124817	107690	133527	137186		63664	51737	61166	62376	51.0	45.6	42.8	40.3
3529 Other chemical products		300513	322181	352719	383976		113050	123187	137930	165694	37.6	40.6	35.6	37.4
353 Petroleum refineries	c/	11364460	11288420	10272130	11213180	c/	1662262	2022764	1749943	1960632	14.6	17.6	12.3	14.7

354 Misc petroleum and coal products	c/	...	...	...	...	c/	...	...	...	...	...	...	...
355 Rubber products		146725	161328	162570	167711		62936	73943	77751	86683	42.9	51.6	51.1 49.3
3551 Tyres and tubes		-	-	-	-		-	-	-	-	-	-	-
3559 Other rubber products		146725	161328	162570	167711		62936	73943	77751	86683	42.9	51.6	51.1 49.3
356 Plastic products		1666380	1745359	1680182	1943159		592128	641922	667777	796919	36.7	41.0	42.2 47.7
361 Pottery, china, earthenware	d/	145452	148950	176134	202787	d/	60714	65127	92423	107400	41.7	53.0	30.2 24.0
362 Glass and products	d/	...	...	...	...	d/	...	...	...	...	...	...	...
369 Other non-metallic mineral products		852435	1132335	1287574	1524265		269377	363242	420960	461758	31.2	30.3	32.6 29.4
3691 Structural clay products		30516	41634	53966	39893		16044	24293	32679	22001	52.6	55.2	36.8 36.5
3692 Cement, lime and plaster		232753	333566	374129	426847		70222	126163	151357	170905	30.2	40.0	18.9 14.5
3699 Other non-metallic mineral products		599166	757135	859479	1067625		183111	212786	236924	268852	30.6	26.4	37.2 38.2
371 Iron and steel		581919	536438	523974	564706		175663	176469	198724	162139	30.2	28.7	27.8 38.7
372 Non-ferrous metals		215979	198289	208338	198435		73576	67043	74641	69132	34.1	34.8	28.7 33.1
381 Fabricated metal products		3804500	4129162	4362542	4889728		1323849	1503634	1647117	1834875	34.8	37.5	42.6 43.3
3811 Cutlery, hand tools and general hardware		128032	139406	143115	147992		74111	87841	91393	93644	57.9	63.3	28.7 29.7
3812 Furniture and fixtures primarily of metal		49285	46986	48342	47608		18249	17857	18092	17413	37.0	36.6	51.4 60.9
3813 Structural metal products		642117	740007	788301	897871		170298	218270	234754	282646	26.5	31.6	48.1 46.9
3819 Other fabricated metal products		2985066	3202763	3382784	3796267		1061190	1179666	1302879	1441172	35.5	38.0	42.6 43.5
382 Non-electrical machinery		15679920	16322560	18315900	24737980		4961431	5106651	5753888	7331417	31.6	29.6	25.9 22.9
3821 Engines and turbines		-	-	-	-		-	-	-	-	-	-	-
3822 Agricultural machinery and equipment		517157	433438	470603	530556		248573	217134	232981	274437	48.1	51.7	52.1 55.9
3823 Metal and wood working machinery		1039473	1292336	1152643	1103268		362866	433063	439732	463702	34.9	42.0	42.5 47.3
3824 Other special industrial machinery		12299820	12599640	14454640	21008570		3694089	3689430	4283697	5805178	30.0	27.6	19.4 15.6
3825 Office, computing and accounting machinery	e/	1823473	1997145	2238116	2096600	e/	656102	767024	807579	788101	36.0	37.6	43.6 50.2
3829 Other non-electrical machinery & equipment		-	-	-	-		-	-	-	-	-	-	-
383 Electrical machinery		18028130	19021270	20256640	21647390		4907571	5314934	5676189	6322702	27.2	29.2	37.0 36.3
3831 Electrical industrial machinery		877748	860638	830638	948501		318702	324955	312619	337919	36.3	35.6	45.6 45.8
3832 Radio, television and communication equipm		15100620	16781680	17000760	18309100		3965515	4263302	4572633	5201743	26.2	28.4	36.8 33.1
3833 Electrical appliances and housewares		424360	477464	520609	498755		133915	182651	199163	189370	31.6	38.0	40.9 41.1
3839 Other electrical apparatus and supplies		1625402	1901485	1904728	1891029		499439	564127	591774	593670	30.7	31.4	40.0 46.6
384 Transport equipment		3790905	4014064	4397021	4590309		1613666	1712667	1988136	2147931	42.6	46.8	39.1 45.8
3841 Shipbuilding and repairing		2598852	2798784	2689031	2645219		1065638	1135558	1157070	1189638	40.6	44.2	39.7 48.9
3842 Railroad equipment		-	-	-	-		-	-	-	-	-	-	-
3843 Motor vehicles		180962	142553	222292	208089		60662	52776	78211	68594	33.6	33.0	51.2 53.1
3844 Motorcycles and bicycles		-	-	-	-		-	-	-	-	-	-	-
3845 Aircraft		787839	836440	1175124	1276044		418887	438079	539053	736774	53.2	57.7	38.9 47.7
3849 Other transport equipment		223252	236288	310673	461967		78599	86143	113803	173925	35.2	37.6	22.4 14.7
385 Professional and scientific equipment		782974	860478	946504	1086936		363400	396691	468775	554503	46.4	51.0	43.6 36.4
3851 Prof and scientific equipment n e c		486514	565341	634885	775643		227374	273587	324774	410766	46.7	53.0	27.3 30.6
3852 Photographic and optical goods		122960	114651	125443	113936		72318	78296	87649	79193	58.8	69.6	53.6 53.7
3853 Watches and clocks		173510	180485	186175	197357		63707	44809	56452	64544	36.7	32.7	54.7 52.0
390 Other manufacturing industries		853959	844897	779225	756974		207422	201649	184096	174088	24.3	23.0	47.2 57.8
3901 Jewellery and related articles		368140	357654	348921	340626		48183	44413	41723	42244	13.1	12.4	55.7 68.9
3902 Musical instruments		-	-	-	-		-	-	-	-	-	-	-
3903 Sporting and athletic goods		23309	17224	13312	14277		9980	7493	6145	5841	42.8	40.9	51.8 83.5
3909 Manufacturing industries, n e c		462510	470020	416992	402071		149280	149743	136227	126003	32.3	31.3	43.6 52.8
3 Total manufacturing		71333220	74575030	77275890	87639040		21806820	23449890	24908970	28287170	30.3	32.3	31.8 31.8

a/ 3131 includes 3132 and 3133

c/ 353 includes 354

e/ Includes computers, disk drives and other computer peripheral equipment.

b/ 3511 includes 3512.

d/ 351 includes 362.

Singapore

ISiC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand DOLLARS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		114234	173408	190787	150846		85	93	94	102	105	103	109	111	116	
313 Beverages		119082	45746	24764	24935		92	97	116	130	125	136	137	153	161	
314 Tobacco		11503	28338	36403	27968		117	91	78	140	204	298	332	375	387	
321 Textiles		25547	20316	13617	8622		30	30	35	37	39	36	39	34	30	
322 Wearing apparel, except footwear		50401	61572	32175	28428		102	118	139	148	151	141	140	127	100	
323 Leather and fur products		2289	4324	8172	4620		50	52	58	54	46	44	36	42	44	
324 Footwear, except rubber or plastic		6024	2297	713	1405		48	50	60	71	65	68	97	61	72	
331 Wood products, except furniture		5996	8485	7740	10700		40	30	32	32	30	28	24	24	22	
332 Furniture and fixtures, excl. metal		22282	15151	21107	37553		121	133	129	137	133	132	140	142	155	
341 Paper and products		73806	85376	80322	125198		58	62	82	90	92	97	101	89	89	
342 Printing and publishing		181387	228713	168854	192975		135	141	154	171	169	209	227	242	253	
351 Industrial chemicals		144094	225242	117588	544185		310	316	375	401	425	483	492	469	492	
352 Other chemicals		103312	99129	85613	68893		143	151	152	157	185	241	316	289	299	
353 Petroleum refineries		489323	429130	913218	867298		118	128	119	125	142	151	165	168	192	
354 Misc. petroleum and coal products	a/					a/										
355 Rubber products	a/	12948	16630	23089	18735	a/	73	68	69	66	66	59	67	62	65	
356 Plastic products	a/	134902	150513	139920	188879	a/	86	78	96	110	111	110	121	118	127	
361 Pottery, china, earthenware	b/	13226	17479	44589	19207	b/	35	23	25	27	25	29	32	36	37	
362 Glass and products	b/					b/										
369 Other non-metallic mineral products	b/	28534	44088	50603	62755	b/	72	63	61	62	74	78	92	102	116	
371 Iron and steel		40469	36309	66521	49345		128	130	136	144	148	160	152	155	172	
372 Non-ferrous metals		13149	8865	8968	23014		84	75	81	82	77	88	92	103	98	
381 Fabricated metal products		262960	278389	310205	522532		97	107	122	144	150	148	149	158	164	
382 Non-electrical machinery		602356	597461	914046	804621		105	91	106	127	149	161	181	178	159	
383 Electrical machinery		1273793	1108741	1124130	1429652		109	119	157	187	213	197	216	216	224	
384 Transport equipment		283137	242348	304426	311352		93	102	110	133	151	179	187	168	187	
385 Professional and scientific equipment		115454	67381	74794	59583		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		44175	38924	32919	40497		63	75	123	131	93	99	98	77	65	
3 Total manufacturing		4184384	4035355	4793484	5623799		...	...	...	...	...	...	...	...	...

a/ 353 includes 354

b/ 361 includes 362.

SLOVAKIA

Supplier of information:
Statistical Office, Bratislava.

Basic source of data:
Not reported.

Major deviations from current version of ISIC:
ISIC 3812 (furniture and fixtures primarily of metal) is included in ISIC 332 (furniture and fixtures).

Reference period (if not calendar year):

Scope:
Not reported.

Method of enumeration:
Not reported.

Adjusted for non-response:
Not reported.

Concepts and definitions of variables:

Related national publications:

Slovakia

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million KORUNAS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		200	200	220		46460	41956	40937		2074	2177	2506			
3111 Slaughtering, preparing & preserving meat		44	44	49		12891	11804	11578		596	581	582			
3112 Dairy products		36	36	36		6358	5146	5144		224	264	320			
3113 Canning, preserving of fruits & vegetables		13	13	15		3239	2971	2573		138	142	142			
3114 Canning, preserving and processing of fish		4	4	4		442	414	460		19	20	32			
3115 Vegetable and animal oils and fats		1	1	1											
3116 Grain mill products		15	15	17		3511	3287	3274		164	174	223			
3117 Bakery products		44	44	51		9529	9064	8188		428	445	471			
3118 Sugar factories and refineries		8	8	8		2740	2438	3354		127	130	195			
3119 Cocoa, chocolate and sugar confectionery		3	3	1		2490	2473			100	120				
3121 Other food products		9	9	10		2074	1960	1660		86	99	100			
3122 Prepared animal feeds		23	23	28		2849	2399	2631		125	131	170			
313 Beverages		84	34	35		9284	9107	8843		430	509	576			
3131 Distilling, rectifying and blending spirits		55	5	5		1454	1477	1611		69	84	104			
3132 Wine industries		8	8	6		1895	1824	1553		98	105	106			
3133 Malt liquors and malt		14	14	12		4898	4702	4433		222	258	285			
3134 Soft drinks and carbonated waters		7	7	12		1037	1104	1248		41	62	81			
314 Tobacco		1	1	1	a/										
321 Textiles		45	45	52		43379	38078	32656		1597	1555	1550			
3211 Spinning, weaving and finishing textiles		15	15	17		20495	18157	14878		807	772	742			
3212 Made-up textile goods excl. wearing apparel		8	8	9		2427	2382	2222		81	84	93			
3213 Knitting mills		15	15	17		16927	14539	12372		564	558	533			
3214 Carpets and rugs		1	1	2	a/										
3215 Cordage, rope and twine		-	-	-											
3219 Other textiles		6	6	7		1727	1541	1413		75	76	76			
322 Wearing apparel, except footwear		47	47	69		23969	22970	23465		870	959	1166			
323 Leather and fur products		11	11	17		7445	6403	5987		317	317	317			
3231 Tanneries and leather finishing		4	4	5		4643	4100	3816		220	217	214			
3232 Fur dressing and dyeing industries		1	1	1	a/										
3233 Leather prods. excl. wearing apparel		6	6	11		2403	1912	1760		77	82	81			
324 Footwear, except rubber or plastic		6	6	21		19819	18886	17388		835	896	834			
331 Wood products, except furniture		46	46	63		20314	18458	14521		853	838	806			
3311 Sawmills, planing and other wood mills		37	37	48		19637	17676	13522		828	809	760			
3312 Wooden and cane containers		1	1	2			a/	88		a/	4				
3319 Other wood and cork products		8	8	13		677	748	911		25	29	42			
332 Furniture and fixtures, excl. metal	b/	50	50	61	b/	18947	17953	16713	b/	724	772	840			
341 Paper and products		15	15	17		13865	12853	14801		626	700	904			
3411 Pulp, paper and paperboard articles		4	4	5		8946	8443	10600		415	454	639			
3412 Containers of paper and paperboard		3	3	2		1173	1080			49	62				
3419 Other pulp, paper and paperboard articles		8	8	10		3746	3330	3024		162	184	199			
342 Printing and publishing		47	47	67		8943	8232	8601		467	514	681			
351 Industrial chemicals		13	13	13		30200	25772	21775		1529	1538	1574			
3511 Basic chemicals excl. fertilizers		7	7	8		9650	7604	6101		478	436	433			
3512 Fertilizers and pesticides		2	2	1	a/										
3513 Synthetic resins and plastic materials		4	4	4		17112	14993	12554		858	906	930			
352 Other chemicals		15	15	19		8098	7575	7620		398	465	614			
3521 Paints, varnishes and lacquers		2	2	2	a/										
3522 Drugs and medicines		7	7	7		5409	4955	5056		271	300	405			
3523 Soap, cleaning preps., perfumes, cosmetics		5	5	8		1054	1238	1259		45	78	98			
3529 Other chemical products		1	1	2	a/										
353 Petroleum refineries		3	3	3		8549	8023	7510		532	608	689			

354 Misc petroleum and coal products	-	-	1	-	-	a/	-	-	a/
355 Rubber products	6	6	9	7790	6766	6338	420	440	531
3551 Tyres and tubes	4	4	4	4849	4366	4147	274	301	371
3559 Other rubber products	2	2	5	a/	a/	2191	a/	a/	160
356 Plastic products	16	16	24	7248	6962	7078	368	388	473
361 Pottery, china, earthenware	4	4	4	728	688	659	29	35	40
362 Glass and products	12	12	14	10084	9275	8774	476	529	575
369 Other non-metallic mineral products	72	72	76	27109	23089	19718	1283	1303	1364
3691 Structural clay products	22	22	22	13260	11341	8866	637	646	607
3692 Cement, lime and plaster	12	12	12	4582	4469	4375	229	276	358
3699 Other non-metallic mineral products	38	38	42	9277	7279	6478	417	381	399
371 Iron and steel	10	10	16	23298	21440	22774	1513	1613	2081
372 Non-ferrous metals	6	6	9	9278	8346	7968	496	527	630
381 Fabricated metal products	65	65	121	25461	22569	23506	1222	1272	1627
3811 Cutlery, hand tools and general hardware	6	6	24	1453	1171	2827	58	64	201
3812 Furniture and fixtures primarily of metal									
3813 Structural metal products	14	14	27	3748	2961	4703	159	181	317
3819 Other fabricated metal products	45	45	70	20260	18447	16975	1006	1087	1109
382 Non-electrical machinery	144	144	161	118788	96097	75938	5392	4763	4574
3821 Engines and turbines	4	4	8	3476	2494	2892	169	121	171
3822 Agricultural machinery and equipment	18	18	16	10707	7992	6539	451	376	374
3823 Metal and wood working machinery	15	15	20	18946	16218	8351	901	823	555
3824 Other special industrial machinery	58	58	61	43214	34568	31681	1892	1654	1879
3825 Office, computing and accounting machinery	6	6	4	3260	2099	1734	127	97	93
3829 Other non-electrical machinery & equipment	43	43	52	39185	32726	24891	1862	1692	1492
383 Electrical machinery	63	63	66	51630	41754	34630	2173	2054	2071
3831 Electrical industrial machinery	6	6	7	3255	2798	2138	144	144	126
3832 Radio, television and communication equipm.	20	20	18	21036	16760	12201	824	694	689
3833 Electrical appliances and housewares	7	7	7	7690	6811	6372	330	347	406
3839 Other electrical apparatus and supplies	30	30	34	19650	16395	13919	875	869	861
384 Transport equipment	26	26	32	40200	33836	28659	1794	1727	1746
3841 Shipbuilding and repairing	1	1	2	a/	a/	a/	a/	a/	a/
3842 Railroad equipment	2	2	2	a/	a/	a/	a/	a/	a/
3843 Motor vehicles	19	19	24	21632	17826	14361	981	909	883
3844 Motorcycles and bicycles	1	1	2	a/	a/	a/	a/	a/	a/
3845 Aircraft	1	1	1	a/	a/	a/	a/	a/	a/
3849 Other transport equipment	2	2	1	a/	a/	a/	a/	a/	a/
385 Professional and scientific equipment	14	14	19	14075	12122	10191	558	552	522
3851 Prof and scientific equipment n.e.c	13	13	18	13071	11441	9704	558	552	522
3852 Photographic and optical goods	1	1	1	a/	a/	a/	a/	a/	a/
3853 Watches and clocks	-	-	-	-	-	-	-	-	-
390 Other manufacturing industries	17	17	24	4429	3560	3442	171	155	185
3901 Jewellery and related articles	4	4	6	1491	1047	1132	71	56	68
3902 Musical instruments	-	-	-	-	-	-	-	-	-
3903 Sporting and athletic goods	2	2	2	a/	a/	a/	a/	a/	a/
3909 Manufacturing industries, n.e.c.	11	11	16	1941	1828	1920	70	71	101
3 Total manufacturing	1038	988	1234	599388	522755	469241	27137	27206	29675

a/ Data suppressed due to confidentiality rules

b/ 332 includes metal furniture and fixtures.

Slovakia

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million KORUNAS)					(million KORUNAS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products			43131	41454	38816									
3111 Slaughtering, preparing & preserving meat			14673	12520	10966									
3112 Dairy products			8348	8613	8474									
3113 Canning, preserving of fruits & vegetables			1608	1462	1283									
3114 Canning, preserving and processing of fish			226	310	432									
3115 Vegetable and animal oils and fats														
3116 Grain mill products			3424	3718	4087									
3117 Bakery products			4302	3885	3712									
3118 Sugar factories and refineries			2270	1767	2674									
3119 Cocoa, chocolate and sugar confectionery			1842	1703										
3121 Other food products			1423	1407	1330									
3122 Prepared animal feeds			2895	2479	2729									
313 Beverages			6298	6603	6999									
3131 Distilling, rectifying and blending spirits			1172	1181	1236									
3132 Wine industries			1324	1300	1461									
3133 Malt liquors and malt			3277	3449	3614									
3134 Soft drinks and carbonated waters			526	673	788									
314 Tobacco	a/													
321 Textiles			11945	10767	9421									
3211 Spinning, weaving and finishing textiles			6904	6195	5345									
3212 Made-up textile goods excl wearing apparel			388	380	454									
3213 Knitting mills			3191	2820	2377									
3214 Carpets and rugs	a/													
3215 Cordage, rope and twine														
3219 Other textiles			782	861	603									
322 wearing apparel, except footwear			4047	4588	4921									
323 Leather and fur products			3172	2350	1837									
3231 Tanneries and leather finishing			2800	1974	1468									
3232 Fur dressing and dyeing industries	a/													
3233 Leather prods excl wearing apparel			277	282	268									
324 Footwear, except rubber or plastic			5029	4373	3767									
331 Wood products, except furniture			7180	6003	4890									
3311 Sawmills, planing and other wood mills			7044	5869	4711									
3312 wooden and cane containers			a/	a/	25									
3319 Other wood and cork products			136	123	154									
332 Furniture and fixtures, excl metal	b/		5044	5126	5091									
341 Paper and products			9845	10539	9977									
3411 Pulp, paper and paperboard articles			7040	7452	7261									
3412 Containers of paper and paperboard			577	933										
3419 Other pulp, paper and paperboard articles			2228	2154	1876									
342 Printing and publishing			3644	3733	4601									
351 Industrial chemicals			33120	25462	18291									
3511 Basic chemicals excl fertilizers			7761	6883	5244									
3512 Fertilizers and pesticides	a/													
3513 Synthetic resins and plastic materials			10795	11057	9067									
352 Other chemicals			5806	7203	8453									
3521 Paints, varnishes and lacquers	a/													
3522 Drugs and medicines			3577	3517	4786									
3523 Soap, cleaning preps, perfumes, cosmetics			721	1949	2118									
3529 Other chemical products	a/													
353 Petroleum refineries			33120	25463	24579									

Slovakia

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million KORUNAS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311 2 Food Products			
313 Beverages			
314 Tobacco			
321 Textiles			
322 wearing apparel, except footwear			
323 Leather and fur products			
324 Footwear, except rubber or plastic			
331 wood products, except furniture			
332 Furniture and fixtures, excl. metal			
341 Paper and products			
342 Printing and publishing			
351 Industrial chemicals			
352 Other chemicals			
353 Petroleum refineries			
354 Misc. petroleum and coal products			
355 Rubber products			
356 Plastic products			
361 Pottery, china, earthenware			
362 Glass and products			
369 Other non-metallic mineral products			
371 Iron and steel			
372 Non-ferrous metals			
381 Fabricated metal products			
382 Non-electrical machinery			
383 Electrical machinery			
384 Transport equipment			
385 Professional and scientific equipment			
390 Other manufacturing industries			
3 Total manufacturing			

SLOVENIA

Supplier of information:

National Statistical Office, Ljubljana.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

None reported.

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

All registered establishments.

Method of enumeration:

Individual sites are visited by enumerators.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

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

Related national publications:

Slovenia

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million TOLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		365	485	483	530		23597a/	24062a/	22409a/			3358a/	7148a/	17819a/	
313 Beverages		62	80	83	101		a/	a/	a/			a/	a/	a/	
314 Tobacco		1	1	1	1		a/	a/	a/			a/	a/	a/	
321 Textiles		197	243	253	270		61099b/	51615b/	47711b/			45499b/	8222b/	23664b/	
322 Wearing apparel, except footwear		178	311	335	443		b/	b/	b/			b/	b/	b/	
323 Leather and fur products		80	101	103	106		14106c/	14061c/	12761c/			1361c/	2493c/	6473c/	
324 Footwear, except rubber or plastic		43	61	63	164		c/	c/	c/			c/	c/	c/	
331 Wood products, except furniture		301	528	549	570		19638	16647	14219			1716	2663	6496	
332 Furniture and fixtures, excl metal		126	217	229	310		d/	d/	d/			d/	d/	d/	
341 Paper and products		67	83	89	109		16619e/	16617e/	17196e/			2338e/	6017e/	12819e/	
342 Printing and publishing		190	359	380	486		e/	e/	e/			e/	e/	e/	
351 Industrial chemicals		50	62	62	62		16421f/	14769f/	13135f/			2466f/	7464f/	11768f/	
352 Other chemicals		119	189	207	221		f/	f/	f/			f/	f/	f/	
353 Petroleum refineries		3	3	3	3		647g/	1151g/	1139g/			73g/	418g/	1020g/	
354 Misc petroleum and coal products		15	13	13	40		g/	g/	g/			g/	g/	g/	
355 Rubber products		33	48	50	58		11782h/	11603h/	11021h/			1379h/	2344h/	7667h/	
356 Plastic products		195	337	357	463		h/	h/	h/			h/	h/	h/	
361 Pottery, china, earthenware		9	14	14	16		16115i/	16845i/	13241i/			1720i/	3130i/	8217i/	
362 Glass and products		20	27	27	34		i/	i/	i/			i/	i/	i/	
369 Other non-metallic mineral products		112	151	160	168		i/	i/	i/			i/	i/	i/	
371 Iron and steel		16	16	19	18		62273j/	64166j/	49369j/			6648j/	9430j/	26000j/	
372 Non-ferrous metals		28	39	39	35		j/	j/	j/			j/	j/	j/	
381 Fabricated metal products		503	782	833	907		k/	k/	k/			k/	k/	k/	
382 Non-electrical machinery		244	364	372	718		39889k/	33919k/	29882k/			4264k/	5993k/	16166k/	
383 Electrical machinery		616	963	997	1099		40708	36691	32693			4349	7174	18927	
384 Transport equipment		107	152	158	196		22373	20244	18267			2411	3871	9063	
385 Professional and scientific equipment		35	65	69	77		k/	k/	k/			k/	k/	k/	
390 Other manufacturing industries		55	89	96	107		21378d/	18949d/	17206d/			1963d/	3245d/	8172d/	
3 Total manufacturing		3770	5763	6044	7311		356642	331238	300218	284619		38676	68610	173081	217131

a/ 311/2 includes 313 and 314
c/ 323 includes 324
e/ 341 includes 342
g/ 353 includes 354
i/ 361 includes 362 and 369
k/ 382 includes 385

b/ 321 includes 322
d/ 390 includes 332
f/ 351 includes 352
h/ 355 includes 356
j/ 371 includes 372 and 381

Slovenia

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million TOLARS)					(million TOLARS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		20393a/	46428a/	125482a/	133342	6854a/	16760a/	43538a/	43168	33.6	32.4	49.0		
313 Beverages		a/	a/	a/	27487	a/	a/	a/	11341		41.3			
314 Tobacco		a/	a/	a/	15461	a/	a/	a/	11776		78.2			
321 Textiles		15063b/	28963b/	77677b/	60912	7109b/	14451b/	37182b/	30734	47.2	50.5	64.0		
322 Wearing apparel, except footwear		b/	b/	b/	75131c/	b/	b/	b/	36644c/	36.2	48.8	78.9		
323 Leather and fur products		4766d/	9269d/	26046d/		1726d/	2248d/	10804d/						
324 Footwear, except rubber or plastic		d/	d/	d/		d/	d/	d/						
331 Wood products, except furniture		8259	15988	37310	44796e/	2184	4066	10070	12491e/	26.4	27.9	78.5		
332 Furniture and fixtures, excl. metal		f/	f/	f/		f/	f/	f/						
341 Paper and products		11449g/	29882g/	72630g/	40617	3753g/	10132g/	22148g/	10899	32.8	26.8	62.3		
342 Printing and publishing		g/	g/	g/	48436	g/	g/	g/	20488		42.3			
351 Industrial chemicals		14848h/	32290h/	72761h/	62396	6496h/	11053h/	26779h/	19362	37.0	31.0	44.7		
352 Other chemicals		h/	h/	h/	43163	h/	h/	h/	19476		46.1			
353 Petroleum refineries	/	858	5459	13778	14736	117	639	2751	1538	13.6	10.4	62.4		
354 Misc. petroleum and coal products	/													
355 Rubber products		7500j/	14540j/	41969j/	23396	2369j/	4127j/	14662j/	8965	31.6	38.3	58.2		
356 Plastic products		j/	j/	j/	23373	j/	j/	j/	7384		31.6			
361 Pottery, china, earthenware	k/	6692	13688	37773	43726	2835	4820	14696	17136	42.4	39.2	60.7		
362 Glass and products	k/													
369 Other non-metallic mineral products	k/													
371 Iron and steel		31926m/	67098m/	140773m/	35766	9416m/	14213m/	33644m/	6062	29.5	14.2	70.6		
372 Non-ferrous metals		m/	m/	m/	26143	m/	m/	m/	6033		20.0			
381 Fabricated metal products		m/	m/	m/	65718	m/	m/	m/	22393		34.1			
382 Non-electrical machinery		18238n/	31879n/	76172n/	96603	4397n/	8230n/	22392n/	29804	24.1	31.2	96.7		
383 Electrical machinery		16569	32197	86983	46633	6176	10002	32631	17647	37.3	38.7	70.4		
384 Transport equipment		13215	29441	80748	107979	3262	4349	12368	22636	24.6	21.0	74.1		
385 Professional and scientific equipment		n/	n/	n/	21262	n/	n/	n/	7403		34.8			
390 Other manufacturing industries		87571/	176941/	466611/	7803	27401/	64301/	147651/	3038	31.3	36.9	71.6		
3 Total manufacturing		178533	364716	936763	1061766	68422	109610	298298	364406	32.7	34.3	66.0	69.6	

a/ 311/2 includes 313 and 314
 c/ 322 includes 323 and 324
 e/ 331 includes 332
 g/ 341 includes 342
 i/ 353 includes 354
 k/ 361 includes 362 and 369
 n/ 382 includes 385

b/ 321 includes 322
 d/ 323 includes 324
 f/ 390 includes 332
 h/ 351 includes 352
 j/ 355 includes 356
 m/ 371 includes 372 and 381

Slovenia

ISIC Industry	Gross fixed capital formation (million TOLARS)				Note	Index numbers of industrial production (1980=100)									
	1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products	663	1486	2843	3814		116	120	125	121	116	118	113	93		
313 Beverages	186	839	2016	3084		100	106	104	100	93	104	100	86		
314 Tobacco	31	122	657	973		92	82	86	91	82	86	82	68		
321 Textiles	526	1231	2992	3647	a/	105	109	103	100	94	79	64	56		
322 wearing apparel, except footwear	80	82	373	128	a/	108	114	122	110	119	110	99	85		
323 Leather and fur products	57	130	241	477		116	116	113	116	118	100	86	88		
324 Footwear, except rubber or plastic	57	130	241	477		117	121	122	107	107	89	67	67		
331 wood products, except furniture	110	81	832	313		103	102	94	92	89	80	68	69		
332 Furniture and fixtures, excl metal	223	613	737	1466		93	104	92	96	89	74	70	66		
341 Paper and products	512	2052	1890	1419		111	109	110	115	109	104	92	80		
342 Printing and publishing	96	533	869	1462		118	127	136	146	189	180	187	174		
351 Industrial chemicals	171	609	978	1432		116	116	113	121	119	96	76	69		
352 Other chemicals	912b/	2871b/	5071b/	6381		116	120	137	132	126	117	104	71		
353 Petroleum refineries	5	76	168	180	c/	93	101	104	111	116	132	146	147		
354 Misc petroleum and coal products	189	379	1128	3176	c/	88	86	69	68	63	67	48	50		
355 Rubber products	b/	b/	b/	1777		108	109	111	111	117	116	117	116		
356 Plastic products	b/	b/	b/	1777		104	103	77	80	83	78	70	63		
361 Pottery, china, earthenware	195	472	1078	1064d/		102	103	100	102	100	74	78	73		
362 Glass and products	167	177	326	d/		140	149	161	163	194	186	147	149		
369 Other non-metallic mineral products	222	214	763	d/		98	97	100	102	96	90	77	66		
371 Iron and steel	71	198	717	722		107	106	102	99	97	84	69	63		
372 Non-ferrous metals	222	214	763	1309		116	116	116	131	138	134	118	109		
381 Fabricated metal products	406	807	2064	3846		98	98	97	93	96	81	76	64		
382 Non-electrical machinery	211	229	696	1167	e/	128	128	133	127	140	128	102	82		
383 Electrical machinery	860	2066	3394	5899		127	134	122	119	126	94	79	66		
384 Transport equipment	582	1109	8114	6183		97	103	99	89	88	83	68	48		
385 Professional and scientific equipment					e/	144	181	162	152	146	144	146	139		
390 Other manufacturing industries	6	40	129	390		142	162	193	167	144	101	77	85		
3 Total manufacturing	6600	16435	38668	49807		110	113	111	108	109	98	86	73		

a/ 321 includes 386
 b/ 362 includes 385
 c/ 363 includes 354
 d/ 361 includes 382 and 369
 e/ 382 includes 385

SOUTH AFRICA

Supplier of information:

Central Statistical Service, Pretoria.

Basic source of data:

Monthly surveys and periodic censuses.

Major deviations from current version of ISIC:

Manufacture mainly for consumption on premises, grain mills and sawmills operated by farmers for and at their own convenience, and custom milling by retail stores are excluded from manufacturing. Beginning 1993, the classification is based on the system described in the national publication Standard Industrial Classification of All Economic Activities, 5th Edition, 1993.

Reference period (if not calendar year):

Scope:

All private manufacturing establishments. For the number of establishments and wages and salaries, some government establishments are included.

Method of enumeration:

For the monthly surveys establishments are sampled.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Number of employees is as of 30 June of the reference year.

Wages and salaries includes some employers' contributions to pension, holiday and medical aid funds. Employers' contributions for unemployment insurance and workmen's compensation are excluded. Payments in kind are also excluded.

Output is gross output.

Value added is total value added.

Gross fixed capital formation is derived from national accounts calculations.

Related national publications:

South African Statistics (biennially); Bulletin of Statistics (quarterly), both published by the Central Statistical Service, Pretoria.

South Africa

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	((housands))				Note	(million RANd)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products			1881	...			199	194	194	196		3034	3647	4238	4718
3111 Slaughtering, preparing & preserving meat			283	...			...	...	...	...		...	...	...	...
3112 Dairy products			145	...			...	...	...	...		...	...	...	...
3113 Canning, preserving of fruits & vegetables			187	...			...	...	...	...		...	...	...	...
3114 Canning, preserving and processing of fish			69	...			...	...	...	...		...	...	...	...
3115 Vegetable and animal oils and fats			27	...			...	...	...	...		...	...	...	...
3116 Grain mill products			253	...			...	...	...	...		...	...	...	...
3117 Bakery products			661	...			...	...	...	...		...	...	...	...
3118 Sugar factories and refineries			20	...			...	...	...	...		...	...	...	...
3119 Cocoa, chocolate and sugar confectionery			69	...			...	...	...	...		...	...	...	...
3121 Other food products			180	...			...	...	...	...		...	...	...	...
3122 Prepared animal feeds			87	...			...	...	...	...		...	...	...	...
313 Beverages			258	...			36	36	37	35		767	911	1066	1114
3131 Distilling, rectifying and blending spirits			121a/	...			...	...	...	...		...	...	...	...
3132 wine industries			a/	...			...	...	...	...		...	...	...	...
3133 Malt liquors and malt			59	...			...	...	...	...		...	...	...	...
3134 Soft drinks and carbonated waters			78	...			...	...	...	...		...	...	...	...
314 Tobacco			11	...			4	4	4	3		103	119	123	143
321 Textiles			911	...			97	90	83	86		1322	1419	1473	1369
3211 Spinning, weaving and finishing textiles			186	...			...	...	...	...		...	...	...	...
3212 Made-up textile goods excl. wearing apparel			460	...			...	...	...	...		...	...	...	...
3213 Knitting mills			186	...			...	...	...	...		...	...	...	...
3214 Carpets and rugs			37	...			...	...	...	...		...	...	...	...
3215 Cordage, rope and twine			14	...			...	...	...	...		...	...	...	...
3219 Other textiles			28	...			...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear			1631	...			127	121	114	125		1278	1421	1678	2010
323 Leather and fur products			180	...			12	11	11	9		122	129	154	162
3231 Tanneries and leather finishing			31b/	...			...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries			b/	...			...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel			149	...			...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic			264	...			32	30	27	24		366	440	417	441
331 Wood products, except furniture			845	...			61	59	57	59		579	638	686	812
3311 Sawmills, planing and other wood mills			525	...			...	...	...	...		...	...	...	...
3312 Wooden and cane containers			90	...			...	...	...	...		...	...	...	...
3319 Other wood and cork products			230	...			...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal			1516	...			43	42	41	46		516	567	664	920
341 Paper and products			386	...			49	50	51	50		1166	1281	1546	1738
3411 Pulp, paper and paperboard articles			37	...			...	...	...	...		...	...	...	...
3412 Containers of paper and paperboard			221	...			...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles			128	...			...	...	...	...		...	...	...	...
342 Printing and publishing			1627	...			50	51	54	54		1347	1671	1833	2066
351 Industrial chemicals			267	...			41	39	36	101c/		1369	1498	1532	4416c/
3511 Basic chemicals excl. fertilizers			166	...			...	...	...	...		...	...	...	...
3512 Fertilizers and pesticides			53	...			...	...	...	...		...	...	...	...
3513 Synthetic resins and plastic materials			48	...			...	...	...	...		...	...	...	...
352 Other chemicals			663	...			83d/	85d/	85d/	...c/		2618d/	3111d/	3700d/	...c/
3521 Paints, varnishes and lacquers			149	...			...	...	...	...		...	...	...	...
3522 Drugs and medicines			88	...			...	...	...	...		...	...	...	...
3523 Soap, cleaning preps, perfumes, cosmetics			229	...			...	...	...	...		...	...	...	...
3529 Other chemical products			197	...			...	...	...	...		...	...	...	...
353 Petroleum refineries			32	...			d/	d/	d/	20a/		d/	d/	d/	1162a/

354 Misc. petroleum and coal products	...	69	...	...	...d/	...d/	...d/	...e/	...	...d/	...d/	...d/	...e/
355 Rubber products	...	185	...	...	18	18	17	16	...	445	457	542	598
3551 Tyres and tubes	...	55	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	130	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	...	837	...	...	44	45	47	47	...	846	920	1077	1182
361 Pottery, china, earthenware	...	123	...	...	6	6	6	73f/	...	78	75	80	1714f/
362 Glass and products	...	76	...	...	10	10	9	9	...	251	287	338	390
369 Other non-metallic mineral products	...	1155	...	...	71	68	66	...f/	...	1165	1218	1382	...f/
3691 Structural clay products	...	297	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	24	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	834	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	...	178	...	...	80	78	73	67	...	2441	2701	2961	3071
372 Non-ferrous metals	...	116	...	...	21	20	19	16	...	517	545	529	625
381 Fabricated metal products	...	3955	...	...	137	129	121	120	...	2783	2709	2902	3290
3811 Cutlery, hand tools and general hardware	...	130	...	...	...	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	...	135	...	...	...	...	...	...	...	...	...	...	...
3813 Structural metal products	...	1365	...	...	...	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...	2334	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	...	2569	...	...	82	75	71	67	...	2102	2275	2460	2793
3821 Engines and turbines	...	32	...	...	...	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	...	149	...	...	...	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	...	154	...	...	...	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	...	935	...	...	...	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	...	48	...	...	...	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	...	1261	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery	...	1201	...	...	86	92	96	90	...	1977	2434	2806	2934
3831 Electrical industrial machinery	...	820	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	203	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	27	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	151	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	...	1258	...	...	104	98	91	81	...	2713	2854	3082	3167
3841 Shipbuilding and repairing	...	162	...	...	...	...	...	...	...	...	...	...	...
3842 Railroad equipment	...	38	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	...	974	...	...	...	...	...	...	...	...	...	...	...
3844 Motorcycles and bicycles	...	12	...	...	...	...	...	...	...	...	...	...	...
3845 Aircraft	...	57	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	...	15	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	...	288	...	...	7	7	7	8	...	147	158	188	215
3851 Prof. and scientific equipment n.e.c.	...	219	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	64	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	5	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	1130	...	...	25	25	24	23	...	333	376	442	458
3901 Jewellery and related articles	...	417	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	16	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	86	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	612	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	...	23612	...	...	1525	1484	1441	1404	...	30385	33651	37889	41251

a/ 3131 includes 3132.

c/ 351 includes 352.

e/ 353 includes 354.

b/ 3231 includes 3232.

d/ 352 includes 353 and 354.

f/ 381 includes 369.

South Africa

ISIC Industry	Note	Output				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million RAND)					(million RAND)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		24340	26578	29215	...	6740	7088	8167	...	23.6	...	62.9	...	
3111 Slaughtering, preparing & preserving meat		2384	2668	2767	...	...	...	...	...	...	...	...	...
3112 Dairy products		2271	2357	2659	...	...	...	...	...	...	...	...	...
3113 Canning, preserving of fruits & vegetables		2326	2534	2796	...	...	...	...	...	...	...	...	...
3114 Canning, preserving and processing of fish		754	377	1068	...	...	...	...	...	...	...	...	...
3115 Vegetable and animal oils and fats		1898	2224	2352	...	...	...	...	...	...	...	...	...
3116 Grain mill products		4550	5090	5798	...	...	...	...	...	...	...	...	...
3117 Bakery products		2200	2532	2792	...	...	...	...	...	...	...	...	...
3118 Sugar factories and refineries		2041	2039	1997	...	...	...	...	...	...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		1224	1393	1296	...	...	...	...	...	...	...	...	...
3121 Other food products		2396	2679	2834	...	...	...	...	...	...	...	...	...
3122 Prepared animal feeds		2296	2285	2846	...	...	...	...	...	...	...	...	...
313 Beverages		8630	9457	11184	...	2727	3218	4046	...	31.6	...	28.1	...	
3131 Distilling, rectifying and blending spirits		2562a/	2712a/	3014a/	...	...	...	...	...	...	...	...	...
3132 Wine industries		a/	a/	a/	...	...	...	...	...	...	...	...	...
3133 Malt liquors and malt		4141	4662	5485	...	...	...	...	...	...	...	...	...
3134 Soft drinks and carbonated waters		1927	2183	2685	...	...	...	...	...	...	...	...	...
314 Tobacco		1711	1998	2256	...	214	265	348	...	12.5	...	48.1	...	
321 Textiles		6344	6655	6678	...	2200	2296	2439	...	34.7	...	60.1	...	
3211 Spinning, weaving and finishing textiles		3786	4062	4072	...	...	...	...	...	...	...	...	...
3212 Made-up textile goods excl. wearing apparel		723	733	781	...	...	...	...	...	...	...	...	...
3213 Knitting mills		1008	1007	1014	...	...	...	...	...	...	...	...	...
3214 Carpets and rugs		361	364	323	...	...	...	...	...	...	...	...	...
3215 Cordage, rope and twine		
3219 Other textiles		466	489	488	...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		4471	4849	4912	...	1813	2046	2211	...	40.6	...	70.6	...	
323 Leather and fur products		836	844	900	...	194	319	284	...	23.2	...	62.9	...	
3231 Tanneries and leather finishing		
3232 Fur dressing and dyeing industries		
3233 Leather prods. excl. wearing apparel		
324 Footwear, except rubber or plastic		1706	1894	1760	...	816	774	696	...	47.8	...	44.7	...	
331 Wood products, except furniture		3027	3210	3256	...	1212	997	1029	...	40.0	...	47.8	...	
3311 Sawmills, planing and other wood mills		2034	2101	2062	...	...	...	...	...	...	...	...	...
3312 Wooden and cane containers		993b/	1109b/	1204b/	...	...	...	...	...	...	...	...	...
3319 Other wood and cork products		b/	b/	b/	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		2251c/	2502c/	2649c/	...	796	830	794	...	36.3	...	64.9	...	
341 Paper and products		8659	9634	10302	...	3125	3349	3442	...	36.1	...	37.3	...	
3411 Pulp, paper and paperboard articles		4519	4802	5232	...	...	...	...	...	...	...	...	...
3412 Containers of paper and paperboard		2944	3370	3554	...	...	...	...	...	...	...	...	...
3419 Other pulp, paper and paperboard articles		1196	1462	1516	...	...	...	...	...	...	...	...	...
342 Printing and publishing		3952	4521	4973	...	1973	2466	2606	...	49.9	...	68.3	...	
351 Industrial chemicals		9347	10167	10398	...	2411	3289	3672	...	26.8	...	66.8	...	
3511 Basic chemicals excl. fertilizers		3082	3319	3448	...	...	...	...	...	...	...	...	...
3512 Fertilizers and pesticides		2493	2916	2676	...	...	...	...	...	...	...	...	...
3513 Synthetic resins and plastic materials		3772	3923	4274	...	...	...	...	...	...	...	...	...
352 Other chemicals		10103	11478	12083	...	7024d/	7742d/	8138d/	...	...	...	37.3	...
3521 Paints, varnishes and lacquers		1322	1486	1382	...	...	...	...	...	...	...	...	...
3522 Drugs and medicines		2682	3109	3619	...	...	...	...	...	...	...	...	...
3523 Soap, cleaning preps, perfumes, cosmetics		2459	2879	3192	...	...	...	...	...	...	...	...	...
3529 Other chemical products		3640	4004	3990	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		11121e/	12482e/	12243e/	...	d/	d/	d/	...	...	...	...	...

354 Misc. petroleum and coal products	...	...e/	...e/	...e/	...	...d/	...d/	...d/	...	...	...
355 Rubber products	2690	2692	2785	...	1036	1036	1031	...	38.6	...	43.0
3551 Tyres and tubes	1690	1679	1724	...	...	...	...	...	...	...	...
3559 Other rubber products	1000	1013	1061	...	...	...	...	...	...	...	...
356 Plastic products	4555	5017	5504	...	1447	1706	1806	...	31.8	...	68.5
361 Pottery, china, earthenware	183	175	159	...	108	89	130	...	69.0	...	72.2
362 Glass and products	1438	1518	1411	...	766	830	963	...	62.6	...	33.2
369 Other non-metallic mineral products	4743	4893	4998	...	2064	2124	2671	...	43.3	...	66.8
3691 Structural clay products	1329	1301	1258	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	1165	1247	1381	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	2249	2345	2359	...	...	...	...	...	...	...	...
371 Iron and steel	13063	13034	12593	...	6069	6862	6668	...	46.4	...	40.3
372 Non-ferrous metals	4990	4864	4737	...	1669	2417	2426	...	33.2	...	31.2
381 Fabricated metal products	11009c/	11973c/	12818c/	...	4388	4231	4694	...	39.9	...	63.4
3811 Cutlery, hand tools and general hardware	7239f/	7682f/	8560f/	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	...f/c/	...f/c/	...f/c/	...	...	...	...	...	...	...	...
3813 Structural metal products	3770	4291	4258	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...f/	...f/	...f/	...	...	...	...	...	...	...	...
382 Non-electrical machinery	9670	9904	10268	...	3704	4042	4511	...	38.3	...	66.7
3821 Engines and turbines	6190g/	6366g/	6876g/	...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment	...g/	...g/	...g/	...	...	...	...	...	...	...	...
3823 Metal and wood working machinery	...g/	...g/	...g/	...	...	...	...	...	...	...	...
3824 Other special industrial machinery	3480	3538	3393	...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery	...g/	...g/	...g/	...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment	...g/	...g/	...g/	...	...	...	...	...	...	...	...
383 Electrical machinery	8707	8803	8692	...	2609	2891	3389	...	28.8	...	78.8
3831 Electrical industrial machinery	2546	2610	2621	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipa.	3087h/	2942h/	2771h/	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...h/	...h/	...h/	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	3075	3251	3300	...	...	...	...	...	...	...	...
384 Transport equipment	17500	18993	19543	...	4410	6043	6002	...	25.2	...	61.5
3841 Shipbuilding and repairing	5606i/	6322i/	6758i/	...	...	...	...	...	...	...	...
3842 Railroad equipment	...i/	...i/	...i/	...	...	...	...	...	...	...	...
3843 Motor vehicles	11896	12671	12785	...	...	...	...	...	...	...	...
3844 Motorcycles and bicycles	...i/	...i/	...i/	...	...	...	...	...	...	...	...
3845 Aircraft	...i/	...i/	...i/	...	...	...	...	...	...	...	...
3849 Other transport equipment	...i/	...i/	...i/	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	655	796	941	...	416	509	700	...	63.4	...	35.4
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	2139	1920	1894	...	1159	1122	1270	...	64.2	...	28.7
3901 Jewellery and related articles	1246j/	980j/	888j/	...	...	...	...	...	...	...	...
3902 Musical instruments	...j/	...j/	...j/	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	893k/	940k/	1006k/	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...k/	...k/	...k/	...	...	...	...	...	...	...	...
3 Total manufacturing	177840	190741	199152	...	m/	59947	66663	73721	...	33.7	50.7

a/ 3131 includes 3132.
c/ 332 includes metal furniture (ISIC 38*2).
e/ 353 includes 354.
g/ 3821 includes 3822, 3823, 3825 and 3829.
i/ 3841 includes 3842, 3844, 3845 and 3849.
k/ 3903 includes 3909.

b/ 3312 includes 3319.
d/ 352 includes 353 and 354.
f/ 3811 includes 3812 and 3819.
h/ 3832 includes 3833.
j/ 3901 includes 3902.
m/ Net of stock evaluation adjustment.

South Africa

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million RAND)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products			108	107	108	106	110	116	116	113	
313 Beverages			149	160	168	177	188	186	177	183	
314 Tobacco			136	132	130	143	133	140	137	130	
321 Textiles			91	94	92	91	88	78	74	71	
322 wearing apparel, except footwear			101	100	111	113	119	119	115	107	
323 Leather and fur products			122	123	119	120	123	126	118	120	
324 Footwear, except rubber or plastic			106	104	116	131	134	129	128	107	
331 wood products, except furniture			95	93	99	106	100	96	94	88	
332 Furniture and fixtures, excl. metal			113	127	131	142	144	140	134	126	
341 Paper and products			134	149	148	161	161	146	139	140	
342 Printing and publishing			113	113	116	120	120	114	113	108	
351 Industrial chemicals			102	100	96	103	110	106	101	94	
352 Other chemicals			108	116	119	126	124	139	139	138	
353 Petroleum refineries		a/	160	150	167	174	169	166	164	172	
354 Misc. petroleum and coal products		a/	...	...	...	...	...	...	...	...
355 Rubber products			100	108	120	136	142	154	137	137	
356 Plastic products			104	106	126	151	167	163	161	166	
361 Pottery, china, earthenware			110	103	112	112	103	94	79	66	
362 Glass and products			102	110	119	133	131	136	127	108	
369 Other non-metallic mineral products			89	86	89	101	97	89	82	76	
371 Iron and steel			89	86	83	96	100	91	80	73	
372 Non-ferrous metals			104	106	113	126	136	132	128	122	
381 Fabricated metal products			94	83	79	77	77	72	69	70	
382 Non-electrical machinery			97	96	98	106	108	106	98	96	
383 Electrical machinery			107	103	116	128	127	127	119	110	
384 Transport equipment			73	71	79	97	99	91	87	79	
385 Professional and scientific equipment			169	163	167	161	166	163	178	198	
390 Other manufacturing industries			57	63	71	72	72	81	64	60	
3 Total manufacturing		14025	13649	12972	13063		103	102	106	113	116	112	107	104	

a/ 353 includes 354

SPAIN

Supplier of information:

Instituto Nacional de Estadística, Ministerio de Economía y Hacienda (Spanish National Institute of Statistics), Madrid.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual statistical inquiry.

Major deviations from current version of ISIC:

ISIC 321 includes design of models and patterns and other services related to the clothing industry: Mattresses (part of ISIC 332) are included in ISIC 321; ISIC 322 does not include belts, straps and other accessories made of leather and similar materials, except leather gloves: Umbrellas, sunshades, fans and canes (part of ISIC 390) are included in ISIC 322: Orthopaedic footwear (part of ISIC 385) is included in ISIC 324: Wooden venetian blinds (part of ISIC 332) are included in ISIC 331: Synthetic glycerin, synthetic tanning materials, auxiliary chemicals for the textile, leather and rubber industries, products derived from natural waxes and wood tar and other chemicals derived from wood (part of ISIC 351) are included in ISIC 352: Bituminous products, and residual products and by-products derived from petroleum refining (part of ISIC 354) are included in ISIC 353: Mica and asbestos products and other non-metallic mineral products (part of ISIC 369) are included in ISIC 354: ISIC 372 does not include the units for which the main activity is the extraction and processing of uranium poor in U235, thorium and its alloys: Extinguishers and sprayers (part of ISIC 390) and munitions for light arms (part of ISIC 352) are included in ISIC 382: ISIC 390 includes photographic studios and exclude the manufacture of metal signs and panels.

Reference period (if not calendar year):

Scope:

All units employing five or more persons.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

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 paid to employees 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; e) capital formation for own account (fixed assets produced for own use and the value of major repairs and improvements to own capital assets using own resources).

Value added is calculated as the difference between the value of gross output and intermediate consumption in purchaser prices. Intermediate consumption includes the cost of a) raw materials and consumables; b) energy consumed for power and heating, steam, electricity, gas, etc.; c) purchases of industrial and non-industrial services; and d) goods purchased for resale in the same condition as received.

Gross fixed capital formation is calculated by subtracting the value of sales of own fixed assets from the value of purchases of new and used fixed assets, major repairs and improvements to fixed assets performed by others, construction of assets for own account and major repairs and improvements to fixed assets carried out using own materials and labour.

Related national publications:

Encuesta Industrial (annual), published by the Instituto Nacional de Estadística, Madrid.

Spain

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(billion PESETAS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311.2 Food Products		35790	35628	34812	33686	255.4	258.6	264.1	264.0		343.3	374.2	411.9	446.8	
3111 Slaughtering, preparing & preserving meat		4065	4135	4197	4396	50.2	52.8	52.9	52.9		61.5	67.6	72.5	78.3	
3112 Dairy products		593	605	623	653	24.2	24.5	26.8	27.1		44.8	47.2	55.4	59.3	
3113 Canning, preserving of fruits & vegetables		732	744	692	696	26.6	27.0	27.1	26.6		26.0	28.6	32.4	36.0	
3114 Canning, preserving and processing of fish		393	395	399	386	16.4	16.4	17.1	16.6		17.7	19.3	21.9	23.3	
3115 Vegetable and animal oils and fats		1936	2103	2172	2146	11.5	12.6	13.6	11.9		15.0	16.8	19.1	19.6	
3116 Grain mill products		2210	2187	2044	1857	8.0	7.7	7.9	7.0		10.6	11.2	12.2	12.2	
3117 Bakery products		22988	22671	21688	20551	71.2	68.6	69.8	72.5		88.5	95.7	101.0	112.6	
3118 Sugar factories and refineries		32	31	32	28	5.4	5.2	4.6	4.4		8.0	9.1	8.9	8.1	
3119 Cocoa, chocolate and sugar confectionery		454	441	461	458	10.7	11.3	11.5	11.2		16.5	18.9	21.0	22.0	
3121 Other food products		1429	1335	1288	1306	19.6	21.2	21.9	23.1		36.8	40.2	47.6	53.7	
3122 Prepared animal feeds		958	981	1016	1009	11.5	11.2	10.8	10.9		18.9	19.7	20.2	21.7	
313 Beverages		5987	6004	5434	5432	62.6	62.5	47.2	45.5		112.0	118.5	119.7	124.7	
3131 Distilling, rectifying and blending spirits		297	285	271	259	5.7	5.5	5.0	4.6		11.8	12.3	12.6	11.5	
3132 Wine industries		4785	4911	4410	4394	17.0	17.7	13.8	13.6		25.8	27.5	23.2	24.7	
3133 Malt liquors and malt		39	38	39	37	12.7	12.7	12.3	11.4		35.0	37.6	39.9	42.4	
3134 Soft drinks and carbonated waters		866	770	714	742	17.2	16.6	16.1	16.1		39.6	41.1	44.0	46.1	
314 Tobacco		29	29	28	26	8.9	8.6	8.5	8.6		19.6	21.5	22.2	23.8	
321 Textiles		5367	5060	4786	4455	114.0	109.6	103.6	90.9		151.3	159.7	164.2	159.6	
3211 Spinning, weaving and finishing textiles		2055	2092	1852	1675	66.8	62.2	57.7	50.3		94.0	97.4	98.8	94.2	
3212 Made-up textile goods excl. wearing apparel		1236	1091	971	1067	11.6	11.7	11.7	11.0		13.4	14.4	15.9	16.9	
3213 Knitting mills		1346	1217	1324	1171	26.1	26.6	25.2	22.3		30.6	33.7	34.3	34.7	
3214 Carpets and rugs		115	103	96	82	2.8	2.6	2.5	2.1		4.4	4.7	4.8	4.6	
3215 Cordage, rope and twine		99	86	90	76	0.9	1.0	1.5	1.0		1.2	1.4	2.1	1.7	
3219 Other textiles		516	471	453	394	5.8	5.5	5.1	4.1		7.7	6.1	6.4	7.5	
322 Wearing apparel, except footwear		5476	5799	5430	4847	80.2	86.7	88.8	82.0		91.1	106.0	118.4	121.1	
323 Leather and fur products		1038	1025	999	993	17.9	17.9	17.2	15.8		26.6	29.2	29.7	29.8	
3231 Tanneries and leather finishing		347	317	297	277	11.3	10.4	9.9	8.8		18.9	20.0	20.1	19.3	
3232 Fur dressing and dyeing industries		-	-	-	-	-	-	-	-		-	-	-	-	
3233 Leather prod. excl. wearing apparel		691	708	702	716	6.7	7.5	7.3	7.0		7.8	9.2	9.6	10.5	
324 Footwear, except rubber or plastic		2543	2199	2032	1800	32.1	30.2	27.7	24.2		32.6	33.7	34.1	32.5	
331 Wood products, except furniture		17550	17437	17326	16549	68.5	73.8	71.7	67.9		76.0	88.2	94.5	97.9	
3311 Sawmills, planing and other wood mills		13996	13972	13811	13256	49.0	54.6	51.4	49.7		64.1	64.3	66.7	70.1	
3312 Wooden and cane containers		907	1059	1148	1087	8.0	7.8	9.6	8.6		8.7	9.4	12.4	12.4	
3319 Other wood and cork products		2647	2406	2367	2206	11.4	11.4	10.7	9.6		13.2	14.4	15.4	15.3	
332 Furniture and fixtures, excl. metal		10834	11462	10659	10117	56.9	57.0	60.0	61.4		66.3	74.9	85.2	94.6	
341 Paper and products		1048	1097	1070	1045	41.6	41.3	42.2	40.1		81.7	89.2	97.4	103.6	
3411 Pulp, paper and paperboard articles		160	149	149	132	17.1	16.3	15.7	14.5		39.1	41.6	44.0	44.5	
3412 Containers of paper and paperboard		563	668	617	576	16.4	16.6	17.2	16.6		28.7	31.4	33.7	36.3	
3419 Other pulp, paper and paperboard articles		325	280	304	338	8.1	8.3	9.3	10.0		13.9	16.1	19.6	22.9	
342 Printing and publishing		6259	6813	6407	6598	79.9	83.5	82.0	80.0		166.4	179.6	199.3	208.5	
351 Industrial chemicals		532	525	529	575	41.8	41.2	38.9	36.8		103.1	112.0	115.4	118.8	
3511 Basic chemicals excl. fertilizers		278	273	286	317	17.9	18.3	16.5	17.8		46.3	51.9	57.8	59.8	
3512 Fertilizers and pesticides		134	136	126	132	8.8	8.3	6.4	6.2		18.8	19.1	16.8	16.5	
3513 Synthetic resins and plastic materials		120	116	117	126	15.0	14.7	14.0	12.8		37.9	41.0	40.8	42.5	
352 Other chemicals		1894	1902	1936	1904	80.5	82.7	84.4	81.6		166.6	214.1	239.8	256.0	
3521 Paints, varnishes and lacquers		372	382	391	382	9.7	10.2	10.8	10.4		21.4	25.0	28.6	29.2	
3522 Drugs and medicines		318	329	327	326	34.6	35.1	36.3	37.1		88.9	99.6	115.1	128.2	
3523 Soap, cleaning prod., perfumes, cosmetics		621	612	615	609	18.4	19.2	19.3	17.9		38.7	44.3	47.3	49.1	
3529 Other chemical products		583	579	603	587	17.8	18.1	17.9	16.3		39.6	46.3	48.9	48.6	
353 Petroleum refineries		10	10	10	10	7.5	7.2	7.1	7.1		24.0	25.3	26.6	35.5	

354 Misc petroleum and coal products	174	149	159	170	4.8	4.4	4.9	4.9	9.6	9.4	12.0	14.3
355 Rubber products	868	962	1025	855	32.7	33.3	32.7	30.4	67.7	74.9	78.8	79.1
3551 Tyres and tubes	161	160	280	94	18.6	18.2	17.8	16.6	44.6	47.4	49.7	60.2
3559 Other rubber products	707	802	745	761	14.1	15.1	14.9	13.9	23.1	27.5	29.0	28.9
356 Plastic products	2719	2958	2727	2907	67.1	64.7	61.8	60.1	96.1	119.6	126.3	136.4
361 Pottery, china, earthenware	936	975	1007	997	15.1	15.0	15.0	12.8	22.3	24.5	26.4	25.3
362 Glass and products	644	730	675	774	20.2	20.5	19.9	20.3	38.7	42.2	44.8	49.3
369 Other non-metallic mineral products	6414	6666	6693	6218	85.1	91.4	93.1	90.7	136.2	151.5	181.2	195.4
3691 Structural clay products	1034	1072	962	902	29.7	29.7	29.5	28.3	47.7	53.1	57.9	61.2
3692 Cement, lime and plaster	261	244	312	253	11.0	10.7	10.8	10.2	25.2	28.6	30.2	30.9
3699 Other non-metallic mineral products	5119	5350	5419	4963	44.4	50.9	52.8	52.3	63.3	70.9	93.2	103.3
371 Iron and steel	1169	1159	1175	1113	81.7	78.8	77.1	72.7	180.4	185.8	202.7	209.7
372 Non-ferrous metals	489	468	453	465	22.6	21.6	20.8	19.6	48.9	51.4	53.7	55.5
381 Fabricated metal products	15988	16630	16729	16689	149.1	145.5	144.8	140.7	244.8	251.1	287.5	302.0
3811 Cutlery, hand tools and general hardware	1073	1245	1243	1261	18.4	17.0	14.1	15.0	33.2	33.5	30.1	34.3
3812 Furniture and fixtures primarily of metal	824	826	822	819	17.8	18.5	18.1	17.7	30.2	33.7	37.5	39.7
3813 Structural metal products	10964	11257	11364	11343	63.2	62.3	68.1	63.2	76.7	83.0	100.2	106.0
3819 Other fabricated metal products	3127	3302	3300	3266	59.7	57.8	57.6	54.6	106.7	110.9	119.8	123.0
382 Non-electrical machinery	14260	14314	14445	13974	134.2	139.9	137.4	128.6	253.1	293.3	313.6	317.5
3821 Engines and turbines	41	23	23	23	1.7	2.2	2.1	1.9	3.5	5.7	6.0	6.6
3822 Agricultural machinery and equipment	1489	1579	1511	1402	8.9	9.5	8.5	7.7	14.3	16.5	16.1	16.6
3823 Metal and wood working machinery	845	885	879	836	17.5	18.4	17.7	16.7	36.9	42.7	44.6	45.6
3824 Other special industrial machinery	1691	1417	1436	1418	25.2	25.8	24.7	22.7	49.1	55.2	58.5	58.3
3825 Office, computing and accounting machinery	51	53	50	41	4.1	4.5	4.7	3.6	10.2	12.1	13.5	12.1
3829 Other non-electrical machinery & equipment	10243	10357	10546	10257	76.9	78.5	79.6	75.9	139.1	158.1	174.9	180.5
383 Electrical machinery	2201	2107	2007	1957	111.1	109.5	108.4	104.4	227.0	247.8	258.1	274.8
3831 Electrical industrial machinery	1137	1130	999	985	39.5	35.8	37.7	39.4	74.6	74.0	85.5	98.8
3832 Radio, television and communication equipm	355	345	413	388	30.6	31.7	32.8	29.0	71.1	80.2	88.8	81.8
3833 Electrical appliances and housewares	138	137	145	134	20.2	20.1	19.9	19.0	38.2	43.8	46.7	48.4
3839 Other electrical apparatus and supplies	571	495	450	449	20.8	22.0	18.0	17.1	43.1	49.8	45.2	45.7
384 Transport equipment	1818	1897	2004	1931	203.1	201.6	202.7	199.9	457.8	479.4	507.5	548.7
3841 Shipbuilding and repairing	677	716	693	617	34.1	32.5	30.4	28.2	64.7	69.8	71.0	70.9
3842 Railroad equipment	29	28	75	85	9.8	10.4	13.6	14.3	20.8	25.5	33.6	40.2
3843 Motor vehicles	966	1014	1081	1080	146.1	145.3	146.0	144.1	342.3	351.4	368.6	392.0
3844 Motorcycles and bicycles	62	59	53	54	4.6	4.1	4.3	4.0	9.1	10.0	10.6	11.0
3845 Aircraft	7	7	23	24	7.8	7.4	7.7	8.8	20.0	20.6	22.6	26.6
3849 Other transport equipment	77	73	79	70	0.7	0.8	0.8	0.6	0.9	1.1	1.2	1.0
385 Professional and scientific equipment	579	622	618	612	8.2	8.8	9.2	8.9	14.6	15.9	19.4	20.7
3851 Prof and scientific equipment n e c	481	533	510	494	4.7	5.2	5.2	5.1	7.9	9.5	10.3	11.5
3852 Photographic and optical goods	73	68	87	78	3.2	3.3	3.7	3.4	6.2	6.8	8.5	8.8
3853 Watches and clocks	25	21	19	40	0.3	0.3	0.3	0.3	0.5	0.6	0.6	0.6
390 Other manufacturing industries	1995	2038	2034	2047	21.3	23.5	23.5	23.0	31.5	37.4	40.6	43.2
3901 Jewellery and related articles	709	712	805	824	4.9	6.3	6.9	6.9	6.3	9.3	10.9	11.9
3902 Musical instruments	63	62	61	63	0.5	0.6	0.6	0.6	0.7	0.8	0.9	0.9
3903 Sporting and athletic goods	48	43	43	45	0.9	0.9	0.7	0.7	1.6	2.0	1.6	1.5
3909 Manufacturing industries, n e c	1175	1221	1125	1115	15.1	15.9	15.3	14.8	22.8	25.3	27.3	28.9
3 Total manufacturing	144611	146655	143017	138747	1884.1	1907.4	1894.8	1822.7	3299.3	3632.1	3918.3	4121.8

Spain

ISIC Industry	Note	Output in factor values (billion PESETAS)				Note	Value added in factor values (billion PESETAS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		4360.1	4529.9	4887.8	4996.3		1037.5	1098.1	1203.7	1276.6	23.8	25.5	33.1	34.9
3111 Slaughtering, preparing & preserving meat		940.8	943.4	989.8	1050.9		193.3	190.1	192.2	209.2	20.5	19.9	31.8	37.4
3112 Dairy products		621.7	628.8	784.2	733.2		142.9	154.9	208.3	198.1	23.0	27.0	31.4	30.0
3113 Canning, preserving of fruits & vegetables		245.3	260.6	285.0	311.0		83.4	70.0	78.8	88.5	25.8	28.4	41.0	39.5
3114 Canning, preserving and processing of fish		178.7	187.2	217.8	221.2		39.1	42.3	51.1	53.9	21.9	24.4	46.2	43.3
3115 Vegetable and animal oils and fats		486.9	533.7	557.8	497.3		65.1	71.8	78.9	70.3	14.5	14.1	22.7	27.8
3116 Grain mill products		225.6	225.9	234.5	244.7		30.4	31.3	30.5	34.2	13.5	14.0	34.8	36.6
3117 Bakery products		485.4	507.0	542.2	581.1		217.5	231.9	247.4	273.3	44.8	47.0	40.7	41.2
3118 Sugar factories and refineries		129.1	122.6	112.6	112.3		43.0	44.7	41.3	38.2	33.3	34.9	18.7	20.7
3119 Cocoa, chocolate and sugar confectionery		122.5	163.0	166.1	173.2		38.5	54.8	58.5	61.1	31.4	36.3	42.8	36.0
3121 Other food products		352.9	382.3	417.4	484.5		110.3	115.9	136.7	158.7	31.3	34.2	32.5	33.8
3122 Prepared animal feeds		601.1	585.3	680.1	606.9		93.1	90.4	82.0	89.0	15.6	14.7	20.3	24.4
313 Beverages		959.0	1028.1	1054.8	1111.2		402.2	409.1	408.4	425.5	41.8	38.3	27.9	29.3
3131 Distilling, rectifying and blending spirits		140.0	143.8	166.5	163.1		54.4	63.0	65.9	67.6	38.8	36.3	21.7	20.0
3132 Wine industries		320.7	332.8	290.7	311.2		114.8	116.6	98.8	106.6	36.8	33.9	22.6	23.4
3133 Malt liquors and malt		201.6	214.6	229.3	247.0		114.4	120.8	123.6	130.8	56.8	63.0	30.6	32.4
3134 Soft drinks and carbonated waters		296.8	336.9	368.4	389.8		118.6	118.8	130.2	131.5	40.0	33.7	33.3	36.0
314 Tobacco		221.5	237.1	277.6	294.6		93.4	92.9	112.5	118.6	42.2	40.3	21.0	20.0
321 Textiles		874.9	857.1	886.2	855.8		338.6	337.8	336.0	317.8	38.7	37.1	44.7	50.2
3211 Spinning, weaving and finishing textiles		538.1	523.5	523.1	490.8		210.2	209.2	198.9	183.8	39.1	37.4	44.7	51.2
3212 Made-up textile goods excl. wearing apparel		88.1	87.3	97.9	106.1		36.0	31.2	36.9	36.8	39.7	34.6	38.2	46.0
3213 Knitting mills		162.5	163.9	172.1	177.7		65.3	68.0	69.7	71.0	40.2	40.0	46.9	48.8
3214 Carpets and rugs		23.9	23.1	24.0	23.5		9.4	7.9	8.7	7.3	36.2	31.0	51.6	63.3
3215 Cordage, rope and twine		7.4	7.2	10.4	7.8		2.5	2.8	4.1	2.8	33.6	36.3	60.0	59.3
3219 Other textiles		54.9	54.0	58.7	49.8		17.3	18.9	17.7	16.1	31.5	32.2	44.4	46.8
322 Wearing apparel, except footwear		487.3	559.0	631.8	632.6		199.5	228.5	256.9	257.2	40.9	40.7	46.7	47.1
323 Leather and fur products		218.5	207.5	191.7	177.0		61.4	62.6	64.8	57.5	28.1	32.5	43.4	51.7
3231 Tanneries and leather finishing		177.0	160.2	143.5	126.2		44.8	43.3	45.2	36.9	25.3	29.3	42.1	62.2
3232 Fur dressing and dyeing industries														
3233 Leather products excl. wearing apparel		41.5	47.3	48.2	50.8		16.7	19.3	19.5	20.6	40.1	40.5	46.7	50.9
324 Footwear, except rubber or plastic		226.6	241.4	244.3	236.1		79.3	79.6	79.3	71.4	36.0	30.2	41.1	45.5
331 Wood products, except furniture		548.9	594.8	593.7	596.4		206.9	220.5	221.9	222.9	37.5	37.4	36.9	43.9
3311 Sawmills, planing and other wood mills		402.8	444.8	425.3	441.2		153.3	168.2	159.9	162.7	38.0	38.9	36.3	43.1
3312 Wooden and cane containers		58.7	69.1	85.3	75.3		17.1	21.8	27.1	27.0	29.1	36.8	60.7	48.1
3319 Other wood and cork products		87.3	80.9	83.1	79.9		36.5	32.6	34.8	33.3	40.8	41.6	37.2	46.2
332 Furniture and fixtures, excl. metal		348.7	381.8	435.5	445.5		136.5	156.4	175.9	184.2	39.4	41.3	48.5	51.3
341 Paper and products		698.7	705.1	733.3	729.2		218.4	214.2	220.2	218.5	31.0	30.0	37.7	47.4
3411 Pulp, paper and paperboard articles		349.5	341.8	333.1	302.9		110.6	99.6	93.9	75.0	31.7	24.8	35.3	59.3
3412 Containers of paper and paperboard		232.1	226.4	251.2	262.8		68.8	71.0	78.1	85.9	28.7	32.7	43.1	42.2
3419 Other pulp, paper and paperboard articles		117.0	136.9	149.0	163.4		39.1	43.6	50.2	57.6	33.4	35.2	36.4	39.7
342 Printing and publishing		892.0	987.1	1100.0	1143.5		399.7	448.8	488.9	516.1	44.8	45.1	38.9	40.4
351 Industrial chemicals		1216.0	1184.6	1134.1	1044.0		390.2	349.3	347.5	320.7	32.1	30.7	26.4	37.0
3511 Basic chemicals excl. fertilizers		659.8	631.5	628.0	575.8		237.4	201.0	206.2	183.4	36.0	31.8	19.5	32.5
3512 Fertilizers and pesticides		163.5	163.6	144.5	123.5		46.7	51.8	46.8	39.2	28.6	31.8	40.3	42.1
3513 Synthetic resins and plastic materials		392.7	389.5	361.6	344.8		106.1	96.5	95.5	98.1	27.0	26.5	36.7	43.3
352 Other chemicals		1352.0	1506.2	1630.0	1716.0		494.7	671.7	613.1	660.8	36.6	38.5	38.1	38.6
3521 Paints, varnishes and lacquers		170.9	194.6	204.6	201.7		53.8	66.9	72.2	71.8	31.5	35.6	39.7	40.6
3522 Drugs and medicines		632.4	595.8	697.5	794.9		212.0	239.1	281.2	326.9	39.8	41.1	42.0	39.2
3523 Soap, cleaning preps., perfumes, cosmetics		357.4	413.6	415.1	414.6		127.5	155.8	145.8	147.1	34.7	35.5	30.3	33.4
3529 Other chemical products		281.3	302.2	312.8	304.8		101.3	110.0	113.0	115.0	36.0	37.7	39.1	42.2
353 Petroleum refineries		880.6	939.3	1017.4	1053.4		174.1	137.4	214.8	227.0	20.2	21.5	13.8	15.6

354 Misc petroleum and coal products	129 1	129 8	146 3	137 2	35 8	39 1	50 1	47 0	27 7	34 2	27 0	30 3
355 Rubber products	311 8	301 9	313 9	328 4	164 3	151 9	160 9	171 2	49 6	52 1	43 9	46 2
3551 Tyres and tubes	208 4	186 0	192 8	199 3	108 3	98 8	109 0	112 4	62 0	56 4	41 2	44 7
3559 Other rubber products	103 3	116 9	121 1	129 2	46 0	53 0	51 9	58 8	44 6	46 6	60 3	49 1
356 Plastic products	626 4	721 7	749 3	776 0	216 4	249 9	279 6	294 7	34 3	36 0	44 2	46 9
361 Pottery, china, earthenware	71 8	79 5	81 4	77 9	39 9	44 0	44 8	44 8	56 5	57 5	56 8	56 6
362 Glass and products	221 3	234 4	242 3	242 1	112 8	115 0	117 8	116 3	51 0	47 6	34 4	42 6
369 Other non-metallic mineral products	984 1	1088 4	1174 6	1216 0	420 3	489 0	479 9	483 2	42 7	39 7	32 4	40 4
3691 Structural clay products	267 8	283 1	307 0	321 5	107 9	116 6	129 2	134 2	40 3	41 7	44 2	46 6
3692 Cement, lime and plaster	278 6	298 3	256 6	233 7	166 1	176 7	126 3	117 3	66 1	50 2	16 1	26 3
3699 Other non-metallic mineral products	437 8	517 0	612 1	660 8	166 3	194 6	226 4	231 7	36 7	36 1	40 6	44 6
371 Iron and steel	1292 9	1236 3	1179 9	1070 7	407 1	383 5	348 0	320 7	31 5	30 0	44 3	66 4
372 Non-ferrous metals	536 0	493 7	460 5	444 4	149 0	130 0	108 5	111 4	27 8	26 1	32 8	49 8
381 Fabricated metal products	1306 2	1376 5	1448 4	1448 5	518 8	554 2	603 2	606 6	39 7	41 8	47 2	49 9
3811 Cutlery, hand tools and general hardware	149 7	143 3	132 1	142 8	63 6	63 6	59 1	63 1	42 5	44 2	62 2	64 3
3812 Furniture and fixtures primarily of metal	164 1	177 2	196 7	196 7	67 7	77 6	87 1	89 0	41 3	46 3	44 5	44 6
3813 Structural metal products	398 4	442 2	493 7	503 7	166 7	175 2	206 7	216 4	39 1	42 8	48 6	48 8
3819 Other fabricated metal products	694 0	612 9	627 0	606 3	231 8	237 9	251 3	238 1	39 0	39 3	46 6	51 7
382 Non-electrical machinery	1385 0	1444 1	1560 2	1480 0	566 9	586 5	642 6	607 0	40 2	41 0	45 4	52 3
3821 Engines and turbines	18 2	27 5	28 3	23 7	8 8	8 4	8 1	7 6	37 2	31 9	62 4	72 1
3822 Agricultural machinery and equipment	106 7	111 3	111 3	103 3	29 6	34 4	33 9	31 9	27 7	30 9	48 4	48 8
3823 Metal and wood working machinery	174 8	187 4	179 6	163 6	74 0	80 6	85 3	77 8	42 3	47 6	49 8	58 5
3824 Other special industrial machinery	269 5	281 0	278 7	260 3	106 5	111 1	113 1	106 5	39 1	40 9	46 5	64 8
3825 Office, computing and accounting machinery	133 8	106 9	168 3	134 7	49 6	39 9	58 1	32 2	37 1	23 9	20 6	37 7
3829 Other non-electrical machinery & equipment	682 0	729 9	793 9	794 4	291 4	311 2	344 1	361 0	42 7	44 2	47 7	61 4
383 Electrical machinery	1406 6	1524 8	1615 4	1481 3	536 6	609 3	600 7	569 9	38 1	38 5	42 4	48 2
3831 Electrical industrial machinery	331 7	333 0	398 4	468 7	147 5	151 0	173 3	199 7	44 5	42 6	60 6	49 5
3832 Radio, television and communication equipm	511 3	584 1	529 6	462 2	198 2	232 2	218 0	174 6	36 8	38 8	36 9	46 9
3833 Electrical appliances and housewares	271 7	281 7	296 3	297 2	86 2	103 0	101 9	99 9	31 7	33 6	44 3	48 6
3839 Other electrical apparatus and supplies	290 9	326 0	291 2	263 3	103 7	123 1	107 4	96 7	36 7	36 4	41 6	47 7
384 Transport equipment	3498 7	3603 0	3917 9	4243 0	1061 2	1061 9	1196 1	1293 9	30 0	30 5	43 6	42 4
3841 Shipbuilding and repairing	239 9	264 9	276 7	280 9	106 4	116 5	120 2	126 8	43 9	46 1	61 3	65 9
3842 Railroad equipment	71 1	97 5	111 8	124 5	37 0	44 6	62 8	61 0	62 0	49 0	66 3	66 8
3843 Motor vehicles	3006 0	3037 8	3338 6	3628 4	836 5	802 6	940 6	1013 4	27 8	27 9	41 0	39 4
3844 Motorcycles and bicycles	76 9	77 7	84 2	88 9	18 7	18 5	23 6	22 8	24 3	25 6	48 6	46 3
3845 Aircraft	97 6	116 6	97 0	111 7	62 6	66 9	66 6	67 6	63 9	60 6	38 1	39 4
3849 Other transport equipment	8 2	9 7	9 6	8 6	2 0	2 7	2 5	2 2	24 4	26 0	46 3	46 0
385 Professional and scientific equipment	67 3	74 0	82 4	87 7	30 1	38 2	42 8	46 1	48 3	51 5	48 6	46 9
3851 Prof and scientific equipment n e c	33 6	40 7	43 6	47 7	16 7	20 2	20 9	23 3	46 8	48 9	60 4	49 5
3852 Photographic and optical goods	26 7	30 2	36 5	36 9	13 5	17 2	20 9	21 0	62 6	66 9	46 9	41 0
3853 Watches and clocks	3 0	3 1	3 2	3 1	0 9	0 9	1 0	0 8	20 9	26 7	66 7	68 9
390 Other manufacturing industries	180 7	221 3	234 9	244 6	71 2	88 7	90 7	96 4	39 4	39 4	44 2	44 8
3901 Jewellery and related articles	33 8	60 4	72 8	76 3	13 5	21 2	26 4	26 9	39 8	34 0	17 0	46 0
3902 Musical instruments	2 6	3 1	3 3	3 3	1 2	1 4	1 6	1 6	46 7	46 9	68 2	69 2
3903 Sporting and athletic goods	11 5	16 8	7 0	8 0	4 7	6 6	3 2	3 7	41 3	46 0	33 9	40 0
3909 Manufacturing industries, n e c	132 8	142 1	161 9	166 9	61 8	69 4	60 5	66 3	39 0	41 6	44 1	44 2
3 Total manufacturing	25276 6	26496 3	27916 5	28309 3	8627 8	8937 2	9608 4	9679 9	33 7	34 2	38 7	42 6

Spain

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(billion PESETAS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		98.5	107.4	124.0	130.8	a/	117	118	125	129	127	133	136	131	133
313 Beverages		49.0	51.8	67.0	39.5	a/	...	...	...	...	...	...	...	...	...
314 Tobacco		8.0	5.5	4.9	4.5	a/	...	...	...	...	...	...	...	...	...
321 Textiles		33.0	28.2	33.5	36.2		96	104	108	100	106	102	97	91	83
322 Wearing apparel, except footwear		9.7	9.1	11.9	9.0	b/	86	85	84	79	79	81	75	70	61
323 Leather and fur products		4.1	3.3	4.4	2.4		152	158	158	144	148	140	139	126	114
324 Footwear, except rubber or plastic		4.0	4.0	19.3	3.8	b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		22.1	23.2	28.1	19.9		84	97	104	108	112	106	113	96	92
332 Furniture and fixtures, excl. metal		9.7	12.6	12.8	21.7		...	...	...	...	...	...	...	...	...
341 Paper and products		39.1	47.7	49.9	43.2	c/	104	111	116	116	124	123	129	131	129
342 Printing and publishing		34.2	32.4	41.4	47.3	c/	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		57.4	81.3	75.7	50.4	d/	106	107	109	111	116	116	111	111	109
352 Other chemicals		51.7	59.0	73.9	67.6	d/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		40.7	61.5	58.0	37.5		97	107	103	100	108	116	117	121	116
354 Misc. petroleum and coal products		2.7	2.6	5.1	5.0		...	...	...	...	...	...	...	...	...
355 Rubber products		15.0	16.5	10.9	12.8	e/	105	106	114	119	120	117	118	120	112
356 Plastic products		32.8	39.6	42.0	39.9	e/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		4.9	5.1	5.5	4.6	f/	85	91	94	102	110	113	112	104	99
362 Glass and products		22.5	21.0	29.6	13.7	f/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		52.8	53.4	73.6	69.2	f/	...	...	...	...	...	...	...	...	...
371 Iron and steel		67.0	76.1	74.7	49.2	g/	107	99	98	101	107	103	104	99	97
372 Non-ferrous metals		21.9	32.7	44.4	27.5	g/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		49.8	49.7	47.8	46.0		89	90	98	106	116	118	112	109	96
382 Non-electrical machinery		50.6	50.9	43.4	40.7		95	104	105	108	116	115	110	97	94
383 Electrical machinery		66.7	63.2	80.1	63.1		93	108	127	139	145	141	142	130	132
384 Transport equipment		112.5	124.4	213.3	324.0		90	100	112	127	138	140	136	137	109
385 Professional and scientific equipment		2.4	3.0	2.8	2.9		98	102	126	118	143	171	177	181	168
390 Other manufacturing industries		5.2	6.7	7.4	6.7		...	...	...	...	...	...	...	...	...
3 Total manufacturing		968.0	1071.6	1273.5	1219.1		99	103	109	113	119	120	118	114	107

a/ 311/2 includes 313 and 314
c/ 341 includes 342
e/ 355 includes 356
g/ 371 includes 372

b/ 322 includes 324
d/ 351 includes 352
f/ 381 includes 362 and 369

SRI LANKA

Supplier of information:

Department of Census and Statistics, Colombo.

Basic source of data:

Annual Survey of Industries

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Establishments with 5 or more persons engaged.

Method of enumeration:

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

Adjusted for non-response:

No

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.

Related national publications:

Annual Survey of Industries - 1989 (Report 1), published by the Department of Census and Statistics, Colombo.

Sri Lanka

ISIC Industry	Note	Number of establishments				Note	Number of persons engaged				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand RUPEES)			
		1989	1990a/	1991a/	1992a/		1989	1990a/	1991a/	1992a/		1989	1990a/	1991a/	1992a/
311/2 Food Products	709	622	521	541		42982	46674	40672	44892		698000	1018000	1021318	1207288	
3111 Slaughtering, preparing & preserving meat		2	1	3			169	28	337			4000	318	17000	
3112 Dairy products		20	16	18			1625	2004	1820			74000	93000	88000	
3113 Canning, preserving of fruits & vegetables		9	11	7			973	1312	421			17000	69000	16000	
3114 Canning, preserving and processing of fish		1	-	1			34	-	16			1000	-	268	
3115 Vegetable and animal oils and fats		30	24	17			2095	1140	479			87000	18000	9000	
3116 Grain mill products		44	39	40			862	753	295			31000	30000	4000	
3117 Bakery products		64	50	56			3830	2800	4124			94000	96000	173000	
3118 Sugar factories and refineries		11	7	10			9246	8144	11186			192000	223000	306000	
3119 Cocoa, chocolate and sugar confectionery		27	23	14			790	626	367			16000	13000	8000	
3121 Other food products		400	346	372			26059	22846	26476			466000	448000	648000	
3122 Prepared animal feeds		14	4	3			991	1019	382			35000	31000	2000	
313 Beverages	20	18	14	16		8447	6026	4047	6153		221000	226000	200000	264096	
3131 Distilling, rectifying and blending spirits		10	9	10			2966	2604	2906			143000	104000	119000	
3132 Wine industries		3	2	2			24	364	19			1000	20000	96	
3133 Malt liquors and malt		2	3	1			362	1179	344			17000	76000	26000	
3134 Soft drinks and carbonated waters		3	-	3			1684	-	1886			64000	-	119000	
314 Tobacco	309	281	251	182		8183	8254	6404	6400		146000	267000	233000	361000	
321 Textiles	518	502	406	299		47163	46082	43163	37102		869000	838000	1263000	1322000	
3211 Spinning, weaving and finishing textiles		363	274	208			30993	24633	21633			603000	740000	810000	
3212 Made-up textile goods excl wearing apparel		42	42	36			982	3148	3681			12000	57000	95000	
3213 Knitting mills		26	33	20			11962	13281	10600			284500	429000	389000	
3214 Carpets and rugs		28	21	14			631	346	612			6000	3000	6000	
3215 Cordage, rope and twine		49	33	18			1374	1193	842			27000	21000	17000	
3219 Other textiles		4	3	3			243	593	134			6000	13000	6000	
322 Wearing apparel, except footwear	146	297	273	228		55110	91422	93662	80668		1014000	1829000	2164000	2202000	
323 Leather and fur products	13	19	15	18		911	1177	1186	1390		13000	24000	30103	33000	
3231 Tanneries and leather finishing		6	4	8			296	334	296			8000	11000	11000	
3232 Fur dressing and dyeing industries		-	1	-			-	7	-			-	103	-	
3233 Leather prods excl wearing apparel		13	10	10			882	826	1096			16000	19000	22000	
324 Footwear, except rubber or plastic	8	11	11	10		4382	6098	6563	2262		119000	172000	248000	77000	
331 Wood products, except furniture	134	130	99	99		4870	3930	3633	4166		108000	92000	126000	104000	
3311 Sawmills, planing and other wood mills		87	74	67			3120	2992	3010			82000	116000	86000	
3312 Wooden and cane containers		18	8	12			227	112	168			2000	2000	1000	
3319 Other wood and cork products		25	17	20			583	529	987			8000	8000	17000	
332 Furniture and fixtures, excl metal	85	67	63	54		1786	1742	1470	1002		14000	16000	19000	8000	
341 Paper and products	31	17	19	15		4773	4207	4076	4100		166000	169000	191000	203000	
3411 Pulp, paper and paperboard articles		6	3	4			3759	3206	3337			140000	152000	166000	
3412 Containers of paper and paperboard		6	9	5			339	614	630			16000	29000	27000	
3419 Other pulp, paper and paperboard articles		5	7	6			109	266	233			4000	10000	8000	
342 Printing and publishing	57	78	57	67		7662	6473	6722	6603		140000	140000	122000	133000	
351 Industrial chemicals	10	20	17	11		608	987	1021	771		16000	36000	48000	47000	
3511 Basic chemicals excl fertilizers		14	10	4			618	606	420			26000	26000	26000	
3512 Fertilizers and pesticides		3	4	3			186	288	141			6000	16000	11000	
3513 Synthetic resins and plastic materials		3	3	4			203	228	210			6000	6000	6000	
352 Other chemicals	64	68	60	41		3698	4113	4442	3648		166000	212082	264000	148000	
3521 Paints, varnishes and lacquers		1	5	5			6	304	270			82	18000	22000	
3522 Drugs and medicines		18	22	9			1099	1269	963			47000	49000	60000	
3523 Soap, cleaning preps, perfumes, cosmetics		14	11	10			2121	2066	1886			147000	174000	63000	
3529 Other chemical products		36	22	17			887	824	629			18000	23000	23000	
353 Petroleum refineries	b/	2	2	2	b/	1141	1362	978	136		81000	101000	77000	13000	

354 Misc petroleum and coal products	b/	...	...	...	b/	...	...	...	b/	...	...	...
355 Rubber products	164	170	146	139	10936	13634	13276	13664	186000	279000	400000	401000
3551 Tyres and tubes	...	10	10	16	...	2666	2631	2822	...	122000	141000	114000
3559 Other rubber products	...	160	136	123	...	10978	10746	10842	...	167000	269000	287000
356 Plastic products	18	22	29	24	1403	2964	4133	2876	29000	73000	139000	79000
361 Pottery, china, earthenware	37	37	36	28	6677	6066	7328	6626	220000	226000	294000	288000
362 Glass and products	7	8	6	8	824	1014	816	924	33000	49000	42000	33000
369 Other non-metallic mineral products	194	167	118	118	12566	10113	7583	5718	370000	397000	381000	262000
3691 Structural clay products	...	118	89	87	...	4387	3863	2118	...	107000	116000	36000
3692 Cement, lime and plaster	...	22	12	13	...	4288	2193	2026	...	229000	176000	128000
3699 Other non-metallic mineral products	...	27	17	18	...	1438	1527	1676	...	61000	89000	98000
371 Iron and steel	4	8	7	4	1672	1677	1916	1661	49000	63000	110000	103000
372 Non-ferrous metals	4	2	3	3	282	266	268	361	9000	13000	16000	20000
381 Fabricated metal products	91	114	82	48	3677	4163	4168	1929	89000	93000	138000	63000
3811 Cutlery, hand tools and general hardware	...	14	5	6	...	648	485	446	...	20000	26000	16000
3812 Furniture and fixtures primarily of metal	...	10	12	6	...	244	997	246	...	6000	25000	10000
3813 Structural metal products	...	17	16	6	...	146	312	32	...	3000	19000	1000
3819 Other fabricated metal products	...	73	49	30	...	3216	2364	1207	...	66000	68000	26000
382 Non-electrical machinery	34	26	30	27	3692	2308	1666	1227	86000	72000	76000	22114
3821 Engines and turbines	...	-	5	-	...	-	339	-	...	-	10000	-
3822 Agricultural machinery and equipment	...	16	14	18	...	1438	396	977	...	26000	10000	18000
3823 Metal and wood working machinery	...	-	-	2	...	-	-	7	...	-	-	114
3824 Other special industrial machinery	...	2	3	2	...	63	76	20	...	1000	3000	1000
3825 Office, computing and accounting machinery	...	1	-	1	...	88	-	44	...	4000	-	1000
3829 Other non-electrical machinery & equipment	...	8	8	4	...	719	656	179	...	41000	62000	2000
383 Electrical machinery	22	22	26	14	1462	1632	2170	1061	39000	49000	82000	37000
3831 Electrical industrial machinery	...	8	5	5	...	533	389	333	...	8000	15000	14000
3832 Radio, television and communication equipm	...	6	3	3	...	364	366	230	...	16000	18000	9000
3833 Electrical appliances and housewares	...	5	7	4	...	178	449	331	...	4000	14000	9000
3839 Other electrical apparatus and supplies	...	4	7	2	...	659	977	167	...	22000	36000	5000
384 Transport equipment	38	39	40	23	4908	6848	6918	1378	94000	279167	186000	64000
3841 Shipbuilding and repairing	...	10	8	5	...	2391	1183	610	...	136000	63000	36000
3842 Railroad equipment	...	1	2	-	...	3798	3488	-	...	127000	93000	-
3843 Motor vehicles	...	21	22	16	...	476	980	667	...	12000	32000	27000
3844 Motorcycles and bicycles	...	4	4	2	...	169	221	101	...	4000	6000	2000
3845 Aircraft	...	-	-	-	...	-	-	-	...	-	-	-
3849 Other transport equipment	...	3	4	-	...	16	46	-	...	167	1000	-
385 Professional and scientific equipment	7	9	7	2	176	284	270	48	4000	7320	7412	1064
3851 Prof and scientific equipment n.e.c.	...	2	-	1	...	73	-	44	...	2000	-	1000
3852 Photographic and optical goods	...	6	6	1	...	169	246	4	...	6000	7000	64
3853 Watches and clocks	...	1	1	-	...	22	26	-	...	320	412	-
390 Other manufacturing industries	53	64	56	52	5643	6174	5301	4870	117000	116322	169238	164216
3901 Jewellery and related articles	...	23	20	23	...	2216	2060	2104	...	68000	82000	80000
3902 Musical instruments	...	5	3	2	...	46	34	26	...	322	238	216
3903 Sporting and athletic goods	...	2	3	3	...	118	169	127	...	2000	6000	3000
3909 Manufacturing industries, n.e.c.	...	34	29	24	...	2796	3038	2614	...	46000	82000	81000
3 Total manufacturing	2779	2820	2390	2074	243703	282762	269783	237387	6073000	6861881	8034071	7649747

a/ Data are provisional

b/ 363 includes 364

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ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million RUPEES)					(thousand RUPEES)				(percentage)		(percentage)	
		1989	1990a/	1991a/	1992a/		1989	1990a/	1991a/	1992a/	1989	1992	1989	1992
311/2 Food Products		20661.0	25097.0	22994.0	21826.0	7523000	9632000	7997000	10373000	36.4	47.5	9.3	11.6	
3111 Slaughtering, preparing & preserving meat			49.0	8.0	198.0		13000	4000	23000		11.6		73.9	
3112 Dairy products			2561.0	3710.0	2746.0		838000	435000	413000		16.0		21.3	
3113 Canning, preserving of fruits & vegetables			212.0	592.0	3346.0		131000	266000	3247000		97.0		0.6	
3114 Canning, preserving and processing of fish			4.0	-	6.0		4000	-	3000		50.0		8.9	
3115 Vegetable and animal oils and fats			698.0	375.0	129.0		276000	96000	29000		22.6		31.0	
3116 Grain mill products			7881.0	4140.0	106.0		3288000	998000	44000		41.6		9.1	
3117 Bakery products			1336.0	1141.0	2028.0		382000	369000	824000		40.6		21.0	
3118 Sugar factories and refineries			1510.0	3030.0	1749.0		431000	2277000	895000		48.9		35.8	
3119 Cocoa, chocolate and sugar confectionery			293.0	267.0	146.0		127000	166000	42000		28.8		19.0	
3120 Other food products			9498.0	8281.0	9820.0		3982000	3088000	3367000		34.3		17.3	
3122 Prepared animal feeds			1065.0	1450.0	1553.0		160000	332000	1626000		36.3		0.1	
313 Beverages		3771.0	5237.0	6368.0	6142.0	2796000	4731000	4262000	4632061	74.1	76.4	7.9	5.7	
3131 Distilling, rectifying and blending spirits			4071.0	4148.0	4403.0		3634000	3664000	3643000		82.7		3.3	
3132 Wine industries			2.0	355.0	1.0		1000	321000	61		6.1			
3133 Malt liquors and malt			322.0	866.0	632.0		283000	367000	493000		92.7		6.3	
3134 Soft drinks and carbonated waters			842.0	-	1206.0		813000	-	496000		41.1		24.0	
314 Tobacco		5187.0	6987.0	8067.0	13966.0	4473000	6239000	7067000	11972000	86.2	86.7	3.2	3.0	
321 Textiles		5853.0	7630.0	7928.0	10199.0	2384000	3298000	3616000	4676000	40.7	44.9	36.6	28.9	
3211 Spinning, weaving and finishing textiles			4664.0	4075.0	6129.0		2087000	2139000	3208000		62.3		25.2	
3212 Made-up textile goods excl. wearing apparel			64.0	755.0	794.0		36000	174000	168000		19.9		60.1	
3213 Knitting mills			2486.0	2792.0	3064.0		1030000	1221000	1107000		36.2		36.1	
3214 Carpets and rugs			36.0	34.0	45.0		16000	18000	22000		48.9		27.3	
3215 Cordage, rope and twine			266.0	134.0	157.0		91000	18000	67000		42.7		26.4	
3219 Other textiles			114.0	138.0	20.0		37000	46000	14000		70.0		36.7	
322 Wearing apparel, except footwear		8781.0	13766.0	14864.0	15378.0	3719000	6696000	6890000	7904000	42.4	61.4	27.3	27.9	
323 Leather and fur products		66.0	274.0	327.0	511.0	31000	108000	126416	214000	47.0	41.9	41.9	16.4	
3231 Tanneries and leather finishing			61.0	96.0	96.0		30000	40000	49000		61.0		22.4	
3232 Fur dressing and dyeing industries			-	1.0	-		-	416	-		-		-	
3233 Leather goods excl. wearing apparel			213.0	230.0	415.0		78000	91000	166000		39.8		13.3	
324 Footwear, except rubber or plastic		981.0	1436.0	1768.0	670.0	644000	787000	846000	337000	66.6	69.1	18.6	22.8	
331 Wood products, except furniture		336.0	538.0	447.0	600.0	194000	366000	316000	406000	67.7	67.7	66.7	26.6	
3311 Sawmills, planing and other wood mills			496.0	410.0	648.0		330000	290000	377000		68.8		22.8	
3312 Wooden and cane containers			5.0	10.0	6.0		3000	5000	2000		33.3		60.0	
3319 Other wood and cork products			36.0	27.0	46.0		23000	20000	27000		66.7		63.0	
332 Furniture and fixtures, excl. metal		50.0	65.0	82.0	26.0	24000	31000	46000	13000	48.0	60.0	66.3	61.6	
341 Paper and products		1141.0	1204.0	1266.0	1608.0	322000	761000	618000	767000	28.2	60.9	48.4	26.6	
3411 Pulp, paper and paperboard articles			1030.0	898.0	1084.0		696000	394000	620000		67.2		27.1	
3412 Containers of paper and paperboard			166.0	312.0	353.0		60000	94000	117000		33.1		23.1	
3419 Other pulp, paper and paperboard articles			18.0	56.0	71.0		6000	30000	30000		42.3		26.7	
342 Printing and publishing		1230.0	1563.0	1630.0	2676.0	323000	690000	430000	1781000	26.3	66.6	43.3	7.5	
351 Industrial chemicals		402.0	804.0	836.0	936.0	111000	391000	217000	329000	27.6	36.2	14.4	14.3	
3511 Basic chemicals excl. fertilizers			167.0	224.0	364.0		110000	90000	277000		76.1		10.1	
3512 Fertilizers and pesticides			434.0	472.0	419.0		207000	103000	22000		6.3		60.0	
3513 Synthetic resins and plastic materials			203.0	139.0	162.0		74000	24000	30000		19.7		26.7	
352 Other chemicals		2490.0	2646.3	4806.0	6343.0	737000	1312188	1666000	4338000	29.6	81.2	21.0	3.4	
3521 Paints, varnishes and lacquers			0.3	721.0	882.0		188	268000	615000		68.4		4.3	
3522 Drugs and medicines			317.0	389.0	409.0		101000	146000	167000		40.8		29.9	
3523 Soap, cleaning preps, perfumes, cosmetics			2092.0	3368.0	3729.0		1120000	1111000	3626000		94.6		1.6	
3529 Other chemical products			236.0	328.0	323.0		91000	143000	130000		40.2		17.7	
353 Petroleum refineries	b/	7952.0	16064.0	14347.0	409.0	b/	433000	4246000	2735000	6.4	12.7	18.7	26.0	

354 Misc petroleum and coal products	b/	...	...	...	...	b/	...	...	...	...	...	...	...
355 Rubber products		2284.0	2558.0	3470.0	3650.0		1165000	1412000	1852000	2025000	51.0	55.6	15.9	19.8
3551 Tyres and tubes		...	1283.0	1169.0	896.0		...	716000	602000	462000	...	60.6	...	26.2
3559 Other rubber products		...	1275.0	2301.0	2756.0		...	696000	1250000	1573000	...	57.1	...	18.2
356 Plastic products		466.0	870.0	1565.0	1022.0		140000	364000	826000	461000	30.0	45.1	20.7	17.1
361 Pottery, china, earthenware		1023.0	1157.0	1609.0	1554.0		513000	662000	708000	737000	60.1	47.4	42.9	39.1
362 Glass and products		171.0	273.0	259.0	365.0		113000	156000	135000	249000	66.1	68.2	29.2	13.3
369 Other non-metallic mineral products		2761.0	3379.0	3785.0	3431.0		1015000	924000	1493000	1688000	36.8	55.0	36.5	13.9
3691 Structural clay products		...	496.0	490.0	155.0		...	279000	288000	95000	...	61.9	...	37.5
3692 Cement, lime and plaster		...	1908.0	2299.0	2070.0		...	275000	872000	832000	...	40.2	...	16.4
3699 Other non-metallic mineral products		...	975.0	996.0	1206.0		...	370000	333000	960000	...	79.6	...	10.2
371 Iron and steel		505.0	975.0	1351.0	1361.0		141000	310000	464000	387000	27.9	28.4	34.8	26.6
372 Non-ferrous metals		219.0	351.0	248.0	290.0		72000	112000	70000	125000	32.9	43.1	12.5	16.0
381 Fabricated metal products		1160.0	1041.0	1420.0	497.0		439000	393000	517000	222000	37.8	44.7	20.3	23.9
3811 Cutlery, hand tools and general hardware		...	103.0	84.0	80.0		...	54000	59000	58000	...	72.5	...	27.6
3812 Furniture and fixtures primarily of metal		...	53.0	178.0	92.0		...	29000	59000	22000	...	23.9	...	45.6
3813 Structural metal products		...	16.0	180.0	3.0		...	8000	54000	2000	...	66.7	...	50.0
3819 Other fabricated metal products		...	869.0	978.0	322.0		...	302000	325000	140000	...	43.5	...	18.6
382 Non-electrical machinery		853.0	827.0	780.0	73.4		439000	344000	330890	28281	51.6	38.5	19.6	78.2
3821 Engines and turbines		...	-	62.0	-		...	-	46000	-	...	-	...	-
3822 Agricultural machinery and equipment		...	145.0	55.0	55.0		...	85000	20000	26000	...	47.3	...	69.2
3823 Metal and wood working machinery		...	-	-	0.4		...	-	-	281	...	77.4	...	40.6
3824 Other special industrial machinery		...	5.0	4.0	4.0		...	3000	-1310	2000	...	60.0	...	50.0
3825 Office, computing and accounting machinery		...	25.0	-	3.0		...	18000	-	-3000	...	-	...	-
3829 Other non-electrical machinery & equipment		...	652.0	659.0	11.0		...	238000	266000	3000	...	27.3	...	66.7
383 Electrical machinery		584.0	767.0	1135.0	659.0		318000	283000	476000	293000	46.5	44.5	12.3	12.6
3831 Electrical industrial machinery		...	169.0	196.0	316.0		...	53000	41000	132000	...	41.8	...	10.6
3832 Radio, television and communication equipm		...	210.0	218.0	69.0		...	61000	79000	30000	...	43.5	...	30.0
3833 Electrical appliances and housewares		...	30.0	168.0	186.0		...	14000	53000	91000	...	48.9	...	9.9
3839 Other electrical apparatus and supplies		...	358.0	553.0	88.0		...	156000	293000	40000	...	45.5	...	12.5
384 Transport equipment		622.0	2122.3	2405.0	1315.0		307000	996225	925000	600000	49.4	45.6	30.6	10.7
3841 Shipbuilding and repairing		...	1355.0	1008.0	572.0		...	692000	564000	360000	...	62.9	...	9.7
3842 Railroad equipment		...	342.0	130.0	-		...	152000	109000	-	...	-	...	-
3843 Motor vehicles		...	310.0	1159.0	697.0		...	76000	228000	226000	...	32.3	...	12.0
3844 Motorcycles and bicycles		...	115.0	100.0	46.0		...	76000	21000	15000	...	32.5	...	13.3
3845 Aircraft		...	-	-	-		...	-	-	-	...	-	...	-
3849 Other transport equipment		...	0.3	8.0	-		...	225	3000	-	...	-	...	-
385 Professional and scientific equipment		14.0	35.0	25.0	1.1		5000	16000	12000	1093	35.7	98.4	80.0	96.4
3851 Prof and scientific equipment n.e.c.		...	13.0	-	1.0		...	8000	-	1000	...	-	...	-
3852 Photographic and optical goods		...	20.0	23.0	0.1		...	9000	11000	93	...	83.8	...	58.1
3853 Watches and clocks		...	2.0	2.0	-		...	1000	1000	-	...	-	...	-
390 Other manufacturing industries		1773.0	3373.0	3730.0	4096.0		530000	419000	2363519	1414422	29.9	34.5	22.1	11.6
3901 Jewellery and related articles		...	3019.0	3130.0	3564.0		...	225000	2067000	1150000	...	32.3	...	7.0
3902 Musical instruments		...	1.0	1.0	1.0		...	1000	519	422	...	42.2	...	50.9
3903 Sporting and athletic goods		...	16.0	15.0	18.0		...	3000	10000	-10000	...	-	...	-
3909 Manufacturing industries, n.e.c.		...	337.0	584.0	512.0		...	190000	286000	274000	...	53.5	...	29.6
3 Total manufacturing		71436.0	100926.6	106391.0	98400.5		28910000	44568410	46880620	56124850	40.5	57.0	17.5	13.6

a/ Data are provisional

b/ 353 includes 354.

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ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(thousand RUPEES)					(1980=100)								
		1989	1990a/	1991a/	1992a/		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		339000	813000	578096	912000	b/	96	116	102	92	109	114	116	111	134
313 Beverages		101000	84049	73000	230000	b/	...	...	...	...	...	...	...	...	...
314 Tobacco		265000	222000	200000	243000	b/	...	...	...	...	...	...	...	...	...
321 Textiles		307000	952000	992000	51735000	c/	177	189	218	282	364	487	631	563	1476
322 Wearing apparel, except footwear		317000	665000	759000	977000	c/	...	...	...	...	...	...	...	...	...
323 Leather and fur products		19000	6000	15000	35000	c/	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		58000	60000	81000	45000	c/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		19000	7036	34000	5248	d/	91	101	84	45	36	48	55	36	53
332 Furniture and fixtures, excl. metal		2000	3000	2000	90	d/	...	...	...	...	...	...	...	...	...
341 Paper and products		31000	59358	28000	12012		90	128	132	170	150	133	139	168	439
342 Printing and publishing		93000	46000	77000	187000		123	123	123	133	139	154	...	...	...
351 Industrial chemicals		30000	31000	55000	62000	e/	131	116	104	107	84	115	101	113	158
352 Other chemicals		96000	130000	185000	209000	e/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	f/	16000	18000	8000	-	e/	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	f/	...	...	...	...	e/	...	...	...	...	...	...	...	...	...
355 Rubber products		58000	994000	623000	660000	e/	...	...	...	...	...	...	...	...	...
356 Plastic products		9000	71000	72000	124000	e/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		53000	201000	54000	116000	g/	90	112	119	139	139	106	76	112	111
362 Glass and products		31000	46000	100	19000	g/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		282000	4489000	39000	125000	g/	...	...	...	...	...	...	...	...	...
371 Iron and steel		9000	8000	13000	2000	h/	61	84	73	101	96	142	134	90	102
372 Non-ferrous metals		10000	3000	33000	8000	h/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		217000	45235	98000	34008	i/	60	55	80	78	102	133	98	133	154
382 Non-electrical machinery		8000	14000	18000	63000	i/	...	...	...	...	...	...	...	...	...
383 Electrical machinery		27000	47208	91000	60000	i/	...	...	...	...	...	...	...	...	...
384 Transport equipment		85000	26005	37198	42486	i/	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		-	4447	1000	394	i/	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		25000	37000	71096	54075		...	...	...	...	...	...	...	...	...
3 Total manufacturing		2507000	9082339	4236490	55960310		112	121	118	125	140	166	166	176	329

a/ Data are provisional
c/ 321 includes 322, 323 and 324
e/ 351 includes 352, 353, 354, 355 and 356.
g/ 361 includes 362 and 369.
i/ 381 includes 382, 383, 384 and 385

b/ 311/2 includes 313 and 314.
d/ 331 includes 332.
f/ 353 includes 354.
h/ 371 includes 372.

SURINAME

Supplier of information:

Algemeen bureau voor de statistiek, Paramaribo.

Basic source of data:

Quarterly industrial survey.

Major deviations from current version of ISIC:

Manufacturing data are available only for selected industries.

Reference period (if not calendar year):

Scope:

All industrial establishments.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Suriname

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million GUILDERS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products				113			2740	2782	2689	2451		50.4	52.0	76.7	82.6
313 Beverages				5			589	433	609	662		16.0	12.6	25.1	43.9
314 Tobacco				2			88	86	85	80		4.0	5.8	5.1	8.8
321 Textiles															
322 Wearing apparel, except footwear				23			293	400	390	203		2.8	4.3	4.6	4.9
323 Leather and fur products				1											
324 Footwear, except rubber plastic				5			116	131	125	108		1.8	1.6	2.0	3.2
331 Wood products, except furniture				35			1139	1237	1267	1179		18.3	28.7	31.7	46.4
332 Furniture and fixtures, excl. metal				28			212	208	194	187		2.5	2.9	2.6	3.9
341 Paper and products				6			62	66	29	29		1.0	0.9	0.5	0.5
342 Printing and publishing				17			187	177	195	135		4.2	4.8	5.5	7.2
351 Industrial chemicals															
352 Other chemicals				12			336	312	338	346		11.2	13.3	13.0	19.2
353 Petroleum refineries															
354 Misc. petroleum and coal products															
355 Rubber products				1			28	27	20	26		0.4	0.6	0.9	1.2
356 Plastic products				6			18	62	66	32		0.2	0.2	0.2	0.1
361 Pottery, china, earthenware				25a/		a/	316	342	301	245	a/	6.3	7.7	7.3	12.1
362 Glass and products				a/		a/					a/				
369 Other non-metallic mineral products				a/		a/					a/				
371 Iron and steel															
372 Non-ferrous metals				12											
381 Fabricated metal products															
382 Non-electrical machinery															
383 Electrical machinery				3											
384 Transport equipment				2			59	72	77	91		1.8	2.3	2.0	3.2
385 Professional and scientific equipment				1			21	21	22	22		0.3	0.4	0.4	0.6
390 Other manufacturing industries				6			78	67	94	55		0.2	0.3	0.2	5.0
3 Total manufacturing				303b/		b/	6281	6422	6601	5841	b/	121.4	138.3	177.9	242.8

a/ 361 includes 362 and 369

b/ Sum of available data

Suriname

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		(million GULDERS)					(million GULDERS)				1990	1993	1990	1993
		1990	1991	1992	1993a/		1990	1991	1992	1993b/				
311/2 Food Products		310	352	417	992		...	...	...	...	...	...	...	...
313 Beverages		153	185	278	558		...	...	...	...	...	...	...	...
314 Tobacco		71	88	153	369		...	...	...	...	...	...	...	...
321 Textiles		...	...	...	...		...	...	...	...	...	...	...	...
322 wearing apparel, except footwear		12	18	19	22		...	...	...	...	...	...	...	...
323 Leather and fur products		...	...	...	...		...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		8	16	20	27		...	...	...	...	...	...	...	...
331 wood products, except furniture		39	95	109	180		...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		10	18	18	27		...	...	...	...	...	...	...	...
341 Paper and products		18	10	9	9		...	...	...	...	...	...	...	...
342 Printing and publishing		17	13	20	34		...	...	...	...	...	...	...	...
351 Industrial chemicals		...	...	...	...		...	...	...	...	...	...	...	...
352 Other chemicals		64	67	103	291		...	...	...	...	...	...	...	...
353 Petroleum refineries		...	...	...	...		...	...	...	...	...	...	...	...
354 Misc petroleum and coal products		...	...	...	...		...	...	...	...	...	...	...	...
355 Rubber products		...	1	9	41		...	...	...	...	...	...	...	...
356 Plastic products		1	12	8	17		...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	c/	59	64	66	258		...	...	...	...	...	...	...	...
362 Glass and products	c/	...	...	...	...		...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	c/	...	...	...	...		...	...	...	...	...	...	...	...
371 Iron and steel		...	...	...	...		...	...	...	...	...	...	...	...
372 Non-ferrous metals		...	...	...	...		...	...	...	...	...	...	...	...
381 Fabricated metal products		...	...	...	...		...	...	...	...	...	...	...	...
382 Non-electrical machinery		...	...	...	...		...	...	...	...	...	...	...	...
383 Electrical machinery		...	...	...	...		...	...	...	...	...	...	...	...
384 Transport equipment		11	10	11	38		...	...	...	...	...	...	...	...
385 Professional and scientific equipment		1	3	3	6		...	...	...	...	...	...	...	...
390 Other manufacturing industries		2	4	6	8		...	...	...	...	...	...	...	...
3 Total manufacturing	d/	776	954	1249	2877		371	388	499	1534	47.9	63.3	32.7	16.8

a/ Output in producers' prices.
c/ 361 includes 362 and 369

b/ Value added in producers' prices.
d/ Sum of available data.

Suriname

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production								
	Note	(million GULDERS)				Note	(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products	
313 Beverages	
314 Tobacco	
321 Textiles	
322 Wearing apparel, except footwear	
323 Leather and fur products	
324 Footwear, except rubber or plastic	
331 Wood products, except furniture	
332 Furniture and fixtures, excl. metal	
341 Paper and products	
342 Printing and publishing	
351 Industrial chemicals	
352 Other chemicals	
353 Petroleum refineries	
354 Misc. petroleum and coal products	
355 Rubber products	
356 Plastic products	
361 Pottery, china, earthenware	
362 Glass and products	
369 Other non-metallic mineral products	
371 Iron and steel	
372 Non-ferrous metals	
381 Fabricated metal products	
382 Non-electrical machinery	
383 Electrical machinery	
384 Transport equipment	
385 Professional and scientific equipment	
390 Other manufacturing industries	
3 Total manufacturing	

SWAZILAND

Supplier of information:
Central Statistical Office, Mbabane.

Basic source of data:
Annual industrial census.

Major deviations from current version of ISIC:
None reported.

Reference period (if not calendar year):

Scope:
Establishments with 10 or more persons engaged and establishments with less than 10 persons engaged whose structure and accounting practices allow them to complete the questionnaire without difficulty.

Method of enumeration:
Questionnaires are distributed by mail with follow-up site visits as required.

Adjusted for non-response:
No.

Concepts and definitions of variables:
Wages and salaries is compensation of employees.
Output is gross output and value added is total value added.

Related national publications:
Census of Industrial Production (annual); Annual Statistical Bulletin, both published by the Central Statistical Office, Mbabane.

Swaziland

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand EMALANGENI)			
		1987	1988	1989	1990		1987	1988	1989	1990		1987	1988	1989	1990
311/2 Food Products		9	9	9	9		6583	5581	9045	9616		34066	38100	39088	48464
313 Beverages		4	3	3	3		514	442	503	536		5191	6200	7200	10216
314 Tobacco		-	-	-	-		-	-	-	-		-	-	-	-
321 Textiles	a/	11	15	15	16	a/	1458	2429	2201	2423	a/	6348	7940	9156	33487
322 Wearing apparel, except footwear	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
323 Leather and fur products	a/	-	-	-	-	a/	-	-	-	-	a/	-	-	-	-
324 Footwear, except rubber or plastic		-	-	-	-		-	-	-	-		-	-	-	-
331 Wood products, except furniture	b/	11	13	15	14	b/	2017	1487	1502	1811	b/	5773	6001	7804	9624
332 Furniture and fixtures, excl metal	b/	-	-	-	-	b/	-	-	-	-	b/	-	-	-	-
341 Paper and products	c/	16	20	20	20	c/	1894	1917	2609	3764	c/	26989	33177	42198	60117
342 Printing and publishing	c/	-	-	-	-	c/	-	-	-	-	c/	-	-	-	-
351 Industrial chemicals	d/	16	17	17	17	d/	250	279	320	350	d/	879	1188	1523	3082
352 Other chemicals	d/	-	-	-	-	d/	-	-	-	-	d/	-	-	-	-
353 Petroleum refineries	d/	-	-	-	-	d/	-	-	-	-	d/	-	-	-	-
354 Misc pet-oil& coal products	d/	-	-	-	-	d/	-	-	-	-	d/	-	-	-	-
355 Rubber products	d/	-	-	-	-	d/	-	-	-	-	d/	-	-	-	-
356 Plastic products	d/	-	-	-	-	d/	-	-	-	-	d/	-	-	-	-
361 Pottery, china, earthenware		-	-	-	-		-	-	-	-		-	-	-	-
362 Glass and products	e/	11	11	13	13	e/	656	901	630	672	e/	3146	3720	3176	3944
369 Other non-metallic mineral products	e/	-	-	-	-	e/	-	-	-	-	e/	-	-	-	-
371 Iron and steel		-	-	-	-		-	-	-	-		-	-	-	-
372 Non-ferrous metals		-	-	-	-		-	-	-	-		-	-	-	-
381 Fabricated metal products	f/	31	25	24	27	f/	599	633	797	663	f/	3961	6146	6091	6381
382 Non-electrical machinery	f/	4	4	5	5	f/	87	60	370	373	f/	277	367	1000	1300
383 Electrical machinery		-	-	-	-		-	-	-	-		-	-	-	-
384 Transport equipment		-	-	-	-		-	-	-	-		-	-	-	-
385 Professional and scientific equipment		-	-	-	-		-	-	-	-		-	-	-	-
390 Other manufacturing industries		2	6	2	4		12	617	13	22		24	1662	19	43
3 Total manufacturing		115	123	123	128		13182	14346	17991	20029		86652	103401	119366	176668

a/ 321 includes 322 and 323
c/ 341 includes 342
e/ 362 includes 369

b/ 331 includes 332
d/ 351 includes 352, 353, 354 and 356
f/ 382 includes 383

Swaziland

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million EMALANGENI)					(million EMALANGENI)				(percentage)		(percentage)	
		1987	1988	1989	1990		1987	1988	1989	1990	1987	1990	1987	1990
311 2 Food Products		322.7	381.9	517.1	650.7		88.4	122.5	154.5	190.7	27.4	29.3	38.5	26.4
313 Beverages		60.2	227.8	277.1	367.8		31.9	168.4	197.9	260.5	53.0	70.8	16.3	3.9
314 Tobacco		-	-	-	-		-	-	-	-	-	-	-	-
321 Textiles	a/	54.9	69.0	92.2	137.1	a/	16.5	18.0	26.5	49.8	30.1	36.3	32.4	67.2
322 wearing apparel, except footwear	a/	-	-	-	-	a/	-	-	-	-	-	-	-	-
323 Leather and fur products	a/	-	-	-	-	a/	-	-	-	-	-	-	-	-
324 Footwear, except rubber or plastic		-	-	-	-		-	-	-	-	-	-	-	-
331 wood products, except furniture	b/	34.2	38.1	50.3	63.7	b/	9.3	13.5	15.0	15.7	27.1	24.6	62.3	60.9
332 Furniture and fixtures, excl. metal	b/	-	-	-	-	b/	-	-	-	-	-	-	-	-
341 Paper and products	c/	172.6	202.5	219.2	255.6	c/	71.6	107.7	95.2	103.5	41.5	40.5	37.7	58.1
342 Printing and publishing	c/	-	-	-	-	c/	-	-	-	-	-	-	-	-
351 Industrial chemicals	d/	7.8	17.1	16.5	28.2	d/	1.5	2.3	2.9	6.3	18.8	18.7	59.8	58.3
352 Other chemicals	d/	-	-	-	-	d/	-	-	-	-	-	-	-	-
353 Petroleum refineries	d/	-	-	-	-	d/	-	-	-	-	-	-	-	-
354 Misc. petroleum and coal products	d/	-	-	-	-	d/	-	-	-	-	-	-	-	-
355 Rubber products		-	-	-	-		-	-	-	-	-	-	-	-
356 Plastic products	d/	-	-	-	-	d/	-	-	-	-	-	-	-	-
361 Pottery, china, earthenware		-	-	-	-		-	-	-	-	-	-	-	-
362 Glass and products	e/	18.8	27.3	16.8	20.5	e/	6.3	9.5	5.2	6.7	33.7	32.6	49.7	59.1
369 Other non-metallic mineral products	e/	-	-	-	-	e/	-	-	-	-	-	-	-	-
371 Iron and steel		-	-	-	-		-	-	-	-	-	-	-	-
372 Non-ferrous metals		-	-	-	-		-	-	-	-	-	-	-	-
381 Fabricated metal products		28.3	40.5	55.4	43.6		7.2	10.8	16.4	12.7	25.4	29.2	65.0	60.1
382 Non-electrical machinery	f/	1.7	2.6	17.7	23.2	f/	0.5	0.8	4.3	6.7	29.5	24.4	55.2	23.0
383 Electrical machinery	f/	-	-	-	-	f/	-	-	-	-	-	-	-	-
384 Transport equipment		-	-	-	-		-	-	-	-	-	-	-	-
385 Professional and scientific equipment		-	-	-	-		-	-	-	-	-	-	-	-
390 Other manufacturing industries		0.1	14.5	0.1	0.3		0.1	4.0	-	0.1	79.0	17.0	30.4	84.3
3 Total manufacturing		701.3	1021.3	1253.4	1590.7		233.3	446.4	518.0	650.5	33.3	40.9	38.7	27.1

a/ 321 includes 322 and 323
c/ 341 includes 342
e/ 362 includes 369

b/ 331 includes 332
d/ 351 includes 352, 353, 354 and 355
f/ 382 includes 383

Swaziland

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(thousand EMALANGENI)					(1980=100)							
		1987	1988	1989	1990		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		8098	26749	26280	25688		...	...	...	...	...	...	...	...
313 Beverages		17354	3037	3334	12870		...	...	...	...	...	...	...	...
314 Tobacco		-	-	-	-		...	...	...	...	...	...	...	...
321 Textiles	a/	491	812	2178	2266		...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear	a/	...	...	...	...		...	...	...	...	...	...	...	...
323 Leather and fur products	a/	...	...	...	...		...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		-	-	-	-		...	...	...	...	...	...	...	...
331 Wood products, except	b/	47966	1423	2759	6844		...	...	...	...	...	...	...	...
332 Furniture and fixtures, except metal	b/	...	...	...	...		...	...	...	...	...	...	...	...
341 Paper and products	c/	6920	9704	48541	21611		...	...	...	...	...	...	...	...
342 Printing and publishing	c/	...	...	...	...		...	...	...	...	...	...	...	...
351 Industrial chemicals	d/	516	75	45	410		...	...	...	...	...	...	...	...
352 Other chemicals	d/	...	...	...	...		...	...	...	...	...	...	...	...
353 Petroleum refineries	d/	...	...	...	...		...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	d/	...	...	...	...		...	...	...	...	...	...	...	...
355 Rubber products	d/	...	...	...	...		...	...	...	...	...	...	...	...
356 Plastic products	d/	...	...	...	...		...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		-	-	-	-		...	...	...	...	...	...	...	...
362 Glass and products	e/	213	2181	1379	1642		...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	e/	...	...	...	...		...	...	...	...	...	...	...	...
371 Iron and steel		-	-	-	-		...	...	...	...	...	...	...	...
372 Non-ferrous metals		-	-	-	-		...	...	...	...	...	...	...	...
381 Fabricated metal products		905	1694	1462	254		...	...	...	...	...	...	...	...
382 Non-electrical machinery	f/	37	221	1164	553		...	...	...	...	...	...	...	...
383 Electrical machinery	f/	...	...	...	...		...	...	...	...	...	...	...	...
384 Transport equipment		-	-	-	-		...	...	...	...	...	...	...	...
385 Professional and scientific equipment		-	-	-	-		...	...	...	...	...	...	...	...
390 Other manufacturing industries		-	6374	-	36		...	...	...	...	...	...	...	...
3 Total manufacturing		82500	52270	87142	72174		...	...	...	...	...	...	...	...

a/ 321 includes 322 and 323
c/ 341 includes 342
e/ 362 includes 369

b/ 331 includes 332.
d/ 351 includes 352, 353, 354 and 355.
f/ 382 includes 383.

SWEDEN

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. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual manufacturing inquiry.

Major deviations from current version of ISIC:**Reference period (if not calendar year):****Scope:**

Through 1990, all establishments employing five or more persons were covered, and estimates were made for units not covered by the survey. From 1991, the survey covers those manufacturing establishments (with five or more persons) of manufacturing enterprises that employ ten or more persons and those manufacturing establishments of non-manufacturing enterprises that have ten or more employees.

Method of enumeration:

Not reported

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Both the number of persons engaged and the number of employees are computed using the average number of wage earners throughout the year plus the number of salaried employees at a certain date. Persons engaged include working proprietors, active business partners, self-employed persons, salaried employees and wage earners. All full- and part-time employees are included, as well as clerical workers and supervisory personnel performing functions closely related to the production process.

Wages and salaries paid to employees 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.

Output is in factor values. Certain food subsidies are not included. The value of all products, net change of work in progress, services rendered and products and goods made by homeworkers are included. Until 1990, value added, in factor values, was calculated as the value of output less the cost of materials, fuels and other supplies, contract and commission work done by others and electricity purchased, excluding the cost of, and receipts for, non-industrial services. Since 1991, it has been calculated as output less total costs except wages and salaries (including social costs). Input estimates are on a consumed basis.

Related national publications:

Official Statistics of Sweden, published by Statistics Sweden, Stockholm.

Sweden

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million KRONOR)			
		1990	1991	1992	1993		1990	1991a/	1992a/	1993a/		1990b/	1991b/	1992b/	1993
311 2 Food Products		736	831	819	814	61.5	62.9	58.9	55.8		8207	8988	9184	9204	
3111 Slaughtering, preparing & preserving meat		181	197	191	204	18.2	18.1	16.4	16.4		2302	2391	2443	2578	
3112 Dairy products		83	96	91	77	9.8	10.0	9.5	8.7		1307	1387	1416	1349	
3113 Canning, preserving of fruits & vegetables		32	32	32	39	5.9	6.0	6.6	5.2		794	906	884	958	
3114 Canning, preserving and processing of fish		44	46	42	42	2.0	1.7	1.6	1.6		243	231	233	223	
3115 Vegetable and animal oils and fats		7	12	11	8	1.3	1.6	1.4	1.5		228	303	345	327	
3116 Grain mill products		18	23	17	17	0.7	0.8	0.5	0.6		111	132	92	168	
3117 Bakery products		257	297	306	308	12.9	13.8	13.6	13.1		1687	1907	1991	2004	
3118 Sugar factories and refineries		8	11	11	4	1.8	1.8	1.8	1.5		286	296	316	287	
3119 Cocoa, chocolate and sugar confectionery		30	30	30	32	4.9	4.6	4.1	3.9		652	705	691	672	
3121 Other food products		44	53	56	54	2.9	3.5	3.6	3.8		437	572	619	649	
3122 Prepared animal feeds		32	34	32	29	1.1	0.9	0.8	0.8		180	168	154	150	
313 Beverages		30	33	32	36	4.8	4.8	4.6	4.4		780	840	880	875	
3131 Distilling, rectifying and blending spirits		6	7	7	8	1.2	1.2	1.2	1.1		201	216	222	214	
3132 Wine industries		-	-	-	-	-	-	-	-		-	-	-	-	
3133 Malt liquors and malt		14	16	14	12	3.2	3.2	3.0	2.8		531	569	599	586	
3134 Soft drinks and carbonated waters		10	10	11	16	0.4	0.4	0.4	0.5		48	55	58	74	
314 Tobacco		4	9	8	8	1.1	1.1	1.0	0.9		152	183	181	197	
321 Textiles		247	234	209	198	12.8	11.6	10.5	9.1		1571	1570	1540	1444	
3211 Spinning, weaving and finishing textiles		72	74	64	62	5.6	5.3	4.8	4.3		740	771	746	732	
3212 Made-up textile goods excl. wearing apparel		78	76	66	64	2.9	2.9	2.5	1.9		319	352	338	282	
3213 Knitting mills		55	46	43	40	2.7	1.8	1.8	1.2		285	225	232	156	
3214 Carpets and rugs		10	12	10	10	0.2	0.3	0.2	0.2		34	40	28	21	
3215 Cordage, rope and twine		10	6	7	3	0.2	0.1	0.1	0.1		17	19	21	10	
3219 Other textiles		22	20	19	19	1.2	1.1	1.1	1.5		178	164	176	262	
322 Wearing apparel, except footwear		183	143	106	87	6.7	4.8	3.8	2.7		566	535	458	358	
323 Leather and fur products		30	23	21	18	1.1	0.9	0.9	0.7		123	112	113	100	
3231 Tanneries and leather finishing		5	6	6	4	0.5	0.4	0.5	0.4		60	60	66	58	
3232 Fur dressing and dyeing industries		25	17	15	14	0.6	0.4	0.4	0.3		63	52	47	42	
3233 Leather prod. excl. wearing apparel		26	20	17	22	0.7	0.6	0.6	0.5		77	76	76	71	
324 Footwear, except rubber or plastic		988	875	827	764	44.0	40.6	37.2	30.0		6010	5141	5802	5088	
3311 Sawmills, planing and other wood mills		866	775	736	688	41.0	37.9	34.9	28.2		5649	5769	5462	4762	
3312 Wooden and cane containers		26	18	17	16	0.7	0.6	0.5	0.6		90	50	82	93	
3319 Other wood and cork products		96	82	74	60	2.3	2.0	1.8	1.6		271	282	268	233	
332 Furniture and fixtures, excl. metal		279	247	217	210	11.1	10.6	9.6	8.2		1365	1435	1367	1271	
341 Paper and products		214	253	247	233	51.6	50.6	47.1	41.9		8203	8942	8892	8224	
3411 Pulp, paper and paperboard articles		80	112	110	99	38.8	37.8	34.8	31.8		6360	6872	6769	6304	
3412 Containers of paper and paperboard		79	74	74	71	6.9	6.4	5.7	5.4		999	1002	983	993	
3419 Other pulp, paper and paperboard articles		55	67	63	63	5.9	6.5	6.6	6.2		844	1068	1180	927	
342 Printing and publishing		849	949	922	901	41.7	52.9	47.9	42.8		6992	8889	8817	8338	
351 Industrial chemicals		175	199	193	188	17.9	18.8	17.3	15.4		3008	3457	3354	3130	
3511 Basic chemicals excl. fertilizers		70d/	84	82	78	8.8d/	8.2	7.7	6.9		1560d/	1566	1528	1416	
3512 Fertilizers and pesticides		d/	7	7	6	d/	0.8	0.7	0.6		d/	155	145	121	
3513 Synthetic resins and plastic materials		105	108	104	104	9.1	9.8	9.0	8.5		1448	1737	1681	1592	
352 Other chemicals		150	172	174	176	23.8	20.9	19.7	18.3		3936	3881	3949	3891	
3521 Paints, varnishes and lacquers		31	33	32	37	2.8	2.5	2.7	2.7		443	499	494	526	
3522 Drugs and medicines		31	39	40	43	9.5	9.6	9.1	9.5		1638	1948	1997	2117	
3523 Soap, cleaning preps, perfumes, cosmetics		32	38	39	35	1.8	2.1	2.2	1.5		278	366	396	245	
3529 Other chemical products		56	62	63	61	9.7	6.3	6.7	5.0		1677	1079	1062	1002	
353 Petroleum refineries		8	11	12	11	1.6	1.4	1.8	1.5		282	315	399	366	

354 Misc petroleum and coal products	42	58	46	50	1.8	1.5	1.2	1.3	288	281	218	237
355 Rubber products	79	75	73	68	7.2	6.4	6.0	6.0	1000	971	923	847
3551 Tyres and tubes	30	25	26	23	1.6	1.3	1.3	1.3	220	202	202	224
3559 Other rubber products	49	50	47	45	5.6	5.1	4.7	3.8	780	768	721	623
356 Plastic products	282	279	262	261	12.8	12.3	11.8	10.2	1723	1662	1917	1716
361 Pottery, china, earthenware	18	18	18	19	2.3	1.9	1.7	1.6	289	283	292	268
362 Glass and products	45	47	43	40	4.6	4.6	4.0	3.4	639	703	632	604
369 Other non-metallic mineral products	319	333	321	307	15.5	16.6	13.1	10.4	2329	2623	2306	1948
3691 Structural clay products	22	23	22	18	0.8	1.2	0.7	0.6	130	131	127	114
3692 Cement, lime and plaster	10	12	11	16	1.2	1.1	0.9	0.8	196	206	176	170
3699 Other non-metallic mineral products	287	298	288	273	13.5	13.4	11.5	9.1	2003	2186	2001	1666
371 Iron and steel	92	102	85	86	30.5	28.6	28.9	24.5	4890	4850	4936	4706
372 Non-ferrous metals	84	88	80	82	9.6	9.1	8.3	7.8	1293	1441	1346	1361
381 Fabricated metal products	1667	1641	1450	1380	72.9	65.5	58.1	50.9	10017	10073	9401	8639
3811 Cutlery, hand tools and general hardware	126	99	95	86	9.9	8.2	7.4	6.6	1433	1293	1243	1146
3812 Furniture and fixtures primarily of metal	83	69	66	69	3.7	3.1	3.1	3.1	468	439	473	493
3813 Structural metal products	550	570	477	431	19.5	17.1	15.1	12.0	2760	2784	2504	2106
3819 Other fabricated metal products	908	903	812	794	39.8	36.9	32.6	29.3	6366	6667	6181	4896
382 Non-electrical machinery	1272	1423	1316	1251	99.7	103.4	96.2	86.0	16013	18179	17707	16812
3821 Engines and turbines	672e/	20	18	17	54.6e/	3.4	3.0	3.2	8206e/	640	633	642
3822 Agricultural machinery and equipment	33	38	33	28	2.4	2.2	1.8	1.6	336	338	286	306
3823 Metal and wood working machinery	139	152	130	136	9.1	8.2	7.7	6.6	1383	1428	1389	1209
3824 Other special industrial machinery	367	345	308	303	25.5	21.9	20.1	17.4	3759	3730	3673	3307
3825 Office, computing and accounting machinery	61	70	70	66	8.1	7.9	8.3	8.1	1330	1638	1694	1789
3829 Other non-electrical machinery & equipment	e/	798	757	701	e/	59.8	54.3	48.5	e/	10604	10133	9568
383 Electrical machinery	437	529	493	469	56.0	62.7	58.5	53.7	8042	10693	10617	10083
3831 Electrical industrial machinery	97	115	101	90	9.5	10.4	9.3	7.6	1293	1790	1701	1327
3832 Radio, television and communication equipment	111	171	158	153	24.6	32.9	30.5	31.8	3630	5776	5629	6943
3833 Electrical appliances and housewares	25	25	23	20	3.9	3.6	3.0	2.8	472	466	447	420
3839 Other electrical apparatus and supplies	204	218	211	206	17.0	15.8	15.6	12.4	2447	2663	2841	2393
384 Transport equipment	437	463	435	401	107.6	102.9	96.4	81.6	16880	17176	17367	16771
3841 Shipbuilding and repairing	64	70	63	65	6.3	6.2	6.9	6.2	816	1070	1110	976
3842 Railroad equipment	47	47	52	40	6.6	5.9	6.6	4.6	1029	990	1172	842
3843 Motor vehicles	277	286	256	237	78.8	74.3	69.6	69.1	11393	12209	12300	11270
3844 Motorcycles and bicycles	13	13	12	16	1.2	1.1	0.9	0.8	149	156	140	141
3845 Aircraft	17	28	34	26	14.9	14.7	12.7	11.7	2390	2640	2640	2440
3849 Other transport equipment	19	19	18	17	0.8	0.8	0.7	0.6	103	110	106	103
385 Professional and scientific equipment	178	186	177	175	16.3	17.8	15.1	14.7	2794	3201	2998	3039
3851 Prof and scientific equipment n e c	151f/	156	152	149	14.7f/	16.1	13.8	13.6	2643f/	2913	2792	2823
3852 Photographic and optical goods	27	27	22	22	1.6	1.5	1.1	1.1	261	268	178	181
3853 watches and clocks	f/	3	3	4	f/	0.2	0.2	0.2	f/	31	28	36
390 Other manufacturing industries	80	82	78	78	2.9	3.0	2.9	2.8	380	446	432	476
3901 Jewellery and related articles	17	15	16	16	0.6	0.6	0.5	0.5	86	90	95	88
3902 Musical instruments	6	4	-	3	0.1	0.1	-	-	7	11	-	8
3903 Sporting and athletic goods	16	13	8	11	0.7	0.7	0.5	0.9	96	103	84	167
3909 Manufacturing industries, n e c	41	50	54	48	1.5	1.7	1.8	1.4	191	242	254	223
3 Total manufacturing	8957	9323	8681	8333	719.1	717.8	659.8	584.9	106949	118030	116098	109062

a/ Number of persons engaged

c/ 3231 includes 3232

e/ 3621 includes 3829

b/ wages and salaries paid to persons engaged

d/ 3511 includes 3512

f/ 3851 includes 3853

Sweden

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(million KRONOR)					(million KRONOR)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		81220	95899	96466	81689	26150	18758	19713	19918	31.0	24.4	32.6	46.2	
3111 Slaughtering, preparing & preserving meat		26850	29659	29579	26733	6160	4335	4795	4835	22.9	18.1	37.4	53.3	
3112 Dairy products		17440	20864	21297	16899	3870	2855	2993	2699	22.2	16.0	33.8	50.0	
3113 Canning, preserving of fruits & vegetables		5690	7364	7428	6152	2720	2016	1981	2066	47.8	33.6	29.2	41.5	
3114 Canning, preserving and processing of fish		2070	2262	2429	1964	870	568	661	608	42.0	31.0	27.9	36.7	
3115 Vegetable and animal oils and fats		3680	4679	4485	3983	1110	712	993	872	30.2	21.9	20.5	37.5	
3116 Grain mill products		2210	2342	1641	2042	730	636	321	395	33.0	19.3	15.2	27.4	
3117 Bakery products		7990	10174	11477	8432	4690	3645	3833	3797	58.7	45.0	35.5	52.8	
3118 Sugar factories and refineries		2500	2560	2218	2165	840	771	731	724	33.6	33.5	34.0	39.7	
3119 Cocoa, chocolate and sugar confectionery		3430	4395	4157	3824	1560	1434	1367	1501	45.5	39.3	41.8	44.7	
3121 Other food products		4490	7004	7315	5208	1850	1482	1666	1835	41.4	36.2	23.5	35.4	
3122 Prepared animal feeds		4870	4596	4439	4288	740	403	382	586	15.2	13.7	24.3	25.7	
313 Beverages		8540	10930	11472	9192	4400	3070	3132	2601	51.5	28.3	17.7	33.6	
3131 Distilling, rectifying and blending spirits		2450	3832	4233	2797	990	894	886	577	40.4	20.6	20.3	37.1	
3132 Wine industries		-	-	-	-	-	-	-	-	-	-	-	-	
3133 Malt liquors and malt		5680	6544	6585	5671	3200	2034	2088	1831	56.3	32.3	16.6	32.0	
3134 Soft drinks and carbonated waters		410	554	654	724	210	142	158	194	51.2	26.7	22.9	38.2	
314 Tobacco		2110	2699	2635	2306	1520	1209	1392	1290	72.0	55.9	10.0	16.3	
321 Textiles		7400	8270	7989	6913	3670	2852	2947	2639	49.6	38.2	42.8	54.7	
3211 Spinning, weaving and finishing textiles		3000	3443	3309	3116	1760	1348	1327	1432	56.7	46.0	42.0	51.1	
3212 Made-up textile goods excl. wearing apparel		1700	2301	2093	1286	710	669	694	418	41.8	32.5	44.9	52.7	
3213 Knitting mills		1330	1049	1014	819	630	376	406	277	47.4	33.8	44.9	56.3	
3214 Carpets and rugs		120	145	109	68	70	62	40	32	58.3	46.0	40.6	66.8	
3215 Cordage, rope and twine		70	123	145	53	30	35	42	21	42.9	39.4	56.7	48.9	
3219 Other textiles		1180	1210	1318	1571	470	363	438	460	39.8	29.3	37.9	57.0	
322 Wearing apparel, except footwear		2260	2373	2179	1381	1180	847	756	614	52.2	44.6	56.4	58.2	
323 Leather and fur products		660	565	613	604	310	211	222	221	47.0	36.6	39.7	45.3	
3231 Tanneries and leather finishing	a/	430	377	402	417	170	123	135	141	39.5	33.8	35.3	41.3	
3232 Fur dressing and dyeing industries	a/	-	-	-	-	-	-	-	-	-	-	-	-	
3233 Leather prods. excl. wearing apparel	a/	230	188	211	187	140	88	87	80	60.9	42.8	45.0	52.4	
324 Footwear, except rubber or plastic		340	381	349	351	160	143	134	118	47.1	33.7	48.1	60.0	
331 Wood products, except furniture		45560	44742	40906	34645	18030	11789	10360	10497	39.6	30.3	33.3	48.5	
3311 Sawmills, planing and other wood mills		43730	42888	39189	33172	17170	11135	9734	9900	39.3	29.8	32.9	48.1	
3312 Wooden and cane containers		400	436	379	377	210	143	165	165	52.5	44.1	42.9	56.0	
3319 Other wood and cork products		1430	1417	1338	1097	650	505	484	431	45.5	39.3	41.7	54.0	
332 Furniture and fixtures, excl. metal		7190	7723	7119	6417	3260	2590	2409	2276	45.3	35.5	41.9	55.8	
341 Paper and products		69490	72801	69277	66366	26780	19282	17860	20455	38.5	30.8	30.6	40.2	
3411 Pulp, paper and paperboard articles		57030	58089	55213	54687	21540	14792	13355	16184	37.8	29.6	29.5	39.0	
3412 Containers of paper and paperboard		5610	5490	5312	5160	2450	1854	1909	1842	43.7	35.7	40.8	53.9	
3419 Other pulp, paper and paperboard articles		6850	9222	8752	6518	2790	2636	2597	2429	40.7	37.3	30.3	38.2	
342 Printing and publishing		29560	41383	41022	38938	18590	15043	15618	14504	63.2	37.2	37.4	57.5	
351 Industrial chemicals		26030	30842	28902	25537	11740	8382	8121	9122	45.1	35.7	25.6	34.3	
3511 Basic chemicals excl. fertilizers		12940b/	13892	13552	11290	5670b/	4092	3935	4096	50.8	36.3	23.7	34.6	
3512 Fertilizers and pesticides	b/	1654	1338	949	949	282	275	337	337	35.5	35.5	35.5	35.9	
3513 Synthetic resins and plastic materials		13090	15296	14012	13298	5170	4009	3911	4689	39.5	36.3	28.0	34.0	
352 Other chemicals		23570	28439	29594	30521	15060	12085	13943	16452	63.9	53.9	26.1	23.6	
3521 Paints, varnishes and lacquers		3510	4509	4166	3654	1500	1263	1223	1296	45.6	36.5	27.7	40.6	
3522 Drugs and medicines		11330	14571	16189	19849	9070	8042	9764	12357	80.1	62.3	18.1	17.1	
3523 Soap, cleaning preps., perfumes, cosmetics		1490	2728	2929	1466	780	755	772	552	52.3	37.6	35.6	44.5	
3529 Other chemical products		7240	6631	6310	5552	3610	2620	2194	2248	49.9	40.5	43.7	44.6	
353 Petroleum refineries		24670	22785	21419	23897	7840	5137	2067	2864	31.8	12.0	3.6	12.8	

354 Misc petroleum and coal products	3670	3218	2732	2775	1290	905	782	889	35.1	32.0	22.3	26.7
355 Rubber products	4350	4451	4834	3854	2290	1577	1511	762	52.5	19.5	43.7	
3551 Tyres and tubes	1060	1172	1214	1187	510	346	366	-447	48.1		43.1	
3559 Other rubber products	3290	3279	3620	2667	1780	1230	1145	1198	54.1	44.9	43.8	52.0
356 Plastic products	8630	9858	9852	8306	4650	3555	3650	3388	53.9	40.8	37.1	50.6
361 Pottery, china, earthenware	1030	914	951	841	730	421	490	466	70.9	55.3	39.5	57.5
362 Glass and products	3020	2921	2825	2686	1740	1159	1015	1113	57.6	41.4	36.7	54.3
369 Other non-metallic mineral products	12680	16652	14480	8985	6680	5929	5210	4249	52.7	47.3	34.9	45.9
3691 Structural clay products	630	1002	900	499	290	291	299	259	46.0	51.9	44.8	43.9
3692 Cement, lime and plaster	960	1486	1510	959	470	533	732	756	49.0	78.8	41.7	22.4
3699 Other non-metallic mineral products	11090	14164	12070	7527	5920	5104	4178	3234	53.4	43.0	33.8	51.5
371 Iron and steel	37130	33264	31262	36055	12410	7748	7466	9370	33.4	26.0	39.4	50.2
372 Non-ferrous metals	13250	15579	12244	12339	3790	2792	3055	2917	28.6	23.6	34.1	46.7
381 Fabricated metal products	49730	51005	46702	42170	26330	19070	18031	15643	52.9	39.5	38.0	51.9
3811 Cutlery, hand tools and general hardware	6410	6107	5871	5394	4590	3009	2878	2704	71.6	50.1	31.2	42.3
3812 Furniture and fixtures primarily of metal	2520	2576	2561	2872	1068	696	806	807	42.1	28.1	44.2	51.1
3813 Structural metal products	14660	14909	13318	10363	7490	5255	4959	3768	51.1	36.4	36.8	55.9
3819 Other fabricated metal products	26140	27413	24952	23541	13190	10110	9389	5363	50.5	39.8	40.6	52.3
382 Non-electrical machinery	73900	93533	88609	69861	36850	31640	30549	32919	49.9	47.1	40.7	51.1
3821 Engines and turbines	38100c/	2788	2621	3425	20050c/	1065	1080	1258	52.5	36.7	40.9	51.1
3822 Agricultural machinery and equipment	1830	1585	1398	1590	830	567	493	567	46.4	35.7	40.5	53.7
3823 Metal and wood working machinery	5600	6981	6767	5007	2970	2521	2621	2669	53.0	53.3	46.6	45.3
3824 Other special industrial machinery	19620	19316	17994	16409	9890	6124	5815	6277	50.4	38.3	38.0	52.7
3825 Office, computing and accounting machinery	8750	9650	10029	8936	3110	2894	2961	3908	35.5	67.0	42.8	45.8
3829 Other non-electrical machinery & equipment	...c/	53203	49800	37592	...c/	18469	17579	18240	...c/	48.5	...c/	52.4
383 Electrical machinery	43850	55631	57173	55027	23800	18186	18625	20439	54.3	37.1	33.8	49.3
3831 Electrical industrial machinery	5740	8571	8948	4985	2950	2523	2704	3167	51.4	63.5	43.8	41.9
3832 Radio, television and communication equipm	23170	31519	32557	36168	13410	9639	10027	11714	57.9	32.4	28.6	50.7
3833 Electrical appliances and housewares	2640	2653	2388	2559	1330	960	816	835	50.4	32.6	35.5	50.4
3839 Other electrical apparatus and supplies	12300	13888	13281	11315	6110	4965	5079	4723	49.7	41.7	40.0	50.7
384 Transport equipment	90740	109037	107460	84967	38230	27220	22662	29280	42.1	34.5	41.5	53.9
3841 Shipbuilding and repairing	3350	5929	5781	3987	1750	1547	1517	1392	52.2	34.9	46.6	70.0
3842 Railroad equipment	3650	4433	6102	3994	1420	1732	2036	1579	38.9	39.5	72.5	53.3
3843 Motor vehicles	73230	86499	83476	67255	29490	19153	14432	21882	40.3	32.5	38.6	51.5
3844 Motorcycles and bicycles	690	854	731	643	350	286	224	249	50.7	38.7	42.5	56.5
3845 Aircraft	9260	10694	10814	8611	4960	4296	4262	3980	53.6	46.2	48.2	51.3
3849 Other transport equipment	560	628	556	477	260	207	190	197	46.4	41.3	39.6	52.4
385 Professional and scientific equipment	11300	14161	13628	13328	6900	5773	5622	6257	61.1	46.9	40.5	48.6
3851 Prof and scientific equipment n f c	10500d/	13011	12721	12540	6370d/	5255	5235	5805	60.7	46.3	39.9	48.6
3852 Photographic and optical goods	800	1018	807	642	530	464	341	387	66.2	60.2	47.4	45.7
3853 watches and clocks	...d/	132	100	146	...d/	54	46	65	...d/	47.7	...d/	53.0
390 Other manufacturing industries	1560	2340	2128	2106	930	895	820	972	59.6	46.1	40.9	49.0
3901 Jewellery and related articles	400	576	505	419	250	268	219	217	62.5	51.9	34.4	40.4
3902 Musical instruments	20	24	-	19	20	18	-	11	-	61.2	35.0	55.6
3903 Sporting and athletic goods	360	558	419	473	220	185	165	327	61.1	69.1	43.6	48.2
3909 Manufacturing industries, n e c.	780	1182	1204	1195	440	424	435	416	56.4	34.8	43.4	53.7
3 Total manufacturing	683450	783395	754825	672058	304410	228268	218182	233225	44.5	34.7	34.8	46.8

a/ 3231 includes 3232
c/ 3821 includes 3829

b/ 3511 includes 3512.
d/ 3851 includes 3853.

Sweden

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million KRONOR)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		105	104	103	105	107	107	107	107	107	104	99	104	
313 Beverages		101	109	115	117	122	119	124	126	131	128	131	131	
314 Tobacco		97	97	96	96	96	96	96	96	80	96	80	80	
321 Textiles		96	94	94	92	88	88	88	88	77	90	77	69	
322 Wearing apparel, except footwear		74	70	70	63	54	41	36	32	27	36	32	27	
323 Leather and fur products		102	97	96	73	75	59	45	40	38	45	40	38	
324 Footwear, except rubber or plastic		54	55	53	43	36	30	32	29	27	32	29	27	
331 Wood products, except furniture		93	95	97	101	107	109	101	89	88	101	89	88	
332 Furniture and fixtures, excl. metal		86	86	90	89	88	87	80	73	73	80	73	73	
341 Paper and products		108	111	118	120	120	118	117	118	122	117	118	122	
342 Printing and publishing		110	111	118	114	116	113	102	94	90	102	94	90	
351 Industrial chemicals		111	109	117	122	122	115	112	107	115	112	107	115	
352 Other chemicals		115	110	127	139	136	135	149	159	171	149	159	171	
353 Petroleum refineries		93	138	136	113	140	147	131	124	128	131	124	128	
354 Misc. petroleum and coal products		130	121	116	104	106	133	75	66	59	75	66	59	
355 Rubber products		108	102	102	99	87	79	65	69	82	65	69	82	
356 Plastic products		111	114	119	127	121	122	116	117	116	116	117	116	
361 Pottery, china, earthenware		111	106	106	88	91	85	69	69	65	69	69	65	
362 Glass and products		108	108	121	124	126	123	106	102	112	106	102	112	
369 Other non-metallic mineral products		81	80	85	87	93	92	81	67	61	81	67	61	
371 Iron and steel		110	103	105	116	117	103	101	104	109	101	104	109	
372 Non-ferrous metals		102	101	103	102	101	106	91	91	92	106	91	92	
381 Fabricated metal products		109	108	115	121	126	122	107	96	95	122	107	96	
382 Non-electrical machinery		116	113	111	114	123	125	107	100	100	123	107	100	
383 Electrical machinery		133	135	144	160	173	186	189	232	232	189	189	232	
384 Transport equipment		117	118	114	111	108	109	101	97	93	109	101	97	
385 Professional and scientific equipment		137	137	138	140	192	241	224	220	222	241	224	222	
390 Other manufacturing industries		86	84	86	91	76	74	73	79	68	74	73	79	
3 Total manufacturing		109	109	113	116	119	119	112	109	112	119	112	112	

SWITZERLAND

Supplier of information:

Office fédéral de la statistique (OFS), Berne.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual survey of manufacturing.

Major deviations from current version of ISIC:

Data have been converted from the national classification system to the current version of the ISIC. However, the following should be noted: (a) ISIC 3213 (knitting mills) is included in ISIC 322-324 (wearing apparel, leather and footwear) combined; (b) ISIC 33 (wood products and furniture) includes ISIC 39 (other manufacturing) except ISIC 3901 (jewellery); (c) ISIC 36 (non-metallic mineral products) includes ISIC 2 (mining and quarrying); (d) ISIC 37 (basic metal industries) includes ISIC 3813 (structural metal products); (e) ISIC 382 (non-electrical machinery) includes ISIC 384 (transport equipment) and ISIC 3851 (professional equipment); (f) ISIC 383 (electrical machinery) includes ISIC 3852 (photographic and optical goods); (g) ISIC 3853 (watches and clocks) includes ISIC 3901 (jewellery).

Reference period (if not calendar year):

Scope:

All establishments

Method of enumeration:

Not reported

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Number of persons engaged refers to the average number throughout the year. It includes working proprietors, active business partners, unpaid family workers, salaried employees, wage-earners, and full- and part-time employees.

Output is production measured in producers' prices. It refers to the value of all products.

Value added, also in producers' prices, uses the national accounting concept of value added.

Related national publications:

(i) H.G. Graf, F. Kneschaurek, Y. Wang, *Vorleistungen, Wertschöpfung und Produktivität in Industrie- und Dienstleistungsbranchen der Schweiz*, 1989; (ii) H.G. Graf, *Das St. Galler Branchenmodell: Stand der Revisionsarbeiten*, in: *Mitteilungen des SGZZ*, Ziff. 2.3, Nr. 27, 1990.

Switzerland

ISIC Industr	Note	Number of establishments				Note	Number of persons engaged				Note	wages and salaries paid to employees			
		(numbers)					(thousands)					(thousand FRANCS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311 2 Food Products						74.8	74.7	72.7	70.7						
313 Beverages															
314 Tobacco															
321 Textiles															
322 Wearing apparel, except footwear															
323 Leather and fur products															
324 Footwear, except rubber or plastic															
331 Wood products, except furniture						90.9	89.7	84.5	78.8						
332 Furniture and fixtures, excl metal															
341 Paper and products						17.2	17.2	16.5	16.1						
342 Printing and publishing						66.9	66.5	62.5	58.3						
351 Industrial chemicals						75.3	74.2	72.6	72.8						
352 Other chemicals															
353 Petroleum refineries															
354 Misc petroleum and coal products															
355 Rubber products						31.5	31.1	29.3	27.1						
356 Plastic products															
361 Pottery, china, earthenware						33.5	32.7	31.0	29.5						
362 Glass and products															
369 Other non-metallic mineral products															
371 Iron and steel						105.4	104.6	100.0	95.0						
372 Non-ferrous metals															
381 Fabricated metal products															
382 Non-electrical machinery						157.2	156.8	155.2	153.4						
383 Electrical machinery						131.3	127.3	119.8	116.0						
384 Transport equipment															
385 Professional and scientific equipment						37.4	36.7	36.2	35.0						
390 Other manufacturing industries															
3 Total manufacturing						850.5	868.6	833.6	800.7						

a. 311-2 includes 313 and 314
 c. Including knitting mills (ISIC 3213)
 e. Excluding jewellery (ISIC 3901)
 g. 355 includes 356
 i. Including mining and quarrying (ISIC 2)
 k. 382 includes 384
 n. Including photographic and optical goods (ISIC 3852)

b. 322 includes 323 and 324
 d. 331 includes 332 and 390
 f. 351 includes 352, 353 and 354
 h. 361 includes 362 and 369
 j. 371 includes 372 and 381
 m. Including professional and scientific equipment (ISIC 3851)
 p. 385 refers to watches and clocks (ISIC 3853) and jewellery (ISIC 3901)

Switzerland

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million FRANCS)					(million FRANCS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products	a/	26182	26444	26968	27424	a/	7076	7354	7551	7524	27.0	27.8		
313 Beverages	a/	.....	.....	.....	.....	a/	.....	.....	.....	.....
314 Tobacco	a/	.....	.....	.....	.....	a/	.....	.....	.....	.....
321 Textiles		4742	4205	4118	3751		1959	1710	1668	1612	41.3	40.3		
322 Wearing apparel, except footwear	b/c/	2266	2490	2459	2777	b/c/	903	1018	1006	1133	39.8	40.8		
323 Leather and fur products	b/	.....	.....	.....	.....	b/	.....	.....	.....	.....
324 Footwear, except rubber or plastic	b/	.....	.....	.....	.....	b/	.....	.....	.....	.....
331 Wood products, except furniture	d/e/	14105	13656	13888	13566	d/e/	5871	5923	6041	5916	41.6	43.6		
332 Furniture and fixtures, excl. metal	d/	.....	.....	.....	.....	d/	.....	.....	.....	.....
341 Paper and products		4310	3966	4052	3879		1502	1498	1519	1455	34.8	37.5		
342 Printing and publishing		11145	10833	11114	11293		5408	5285	5435	5534	48.5	49.0		
351 Industrial chemicals	f/	27324	27643	29750	32204	f/	9678	9694	10427	11269	35.4	35.0		
352 Other chemicals	f/	.....	.....	.....	.....	f/	.....	.....	.....	.....
353 Petroleum refineries	f/	.....	.....	.....	.....	f/	.....	.....	.....	.....
354 Misc petroleum and coal products	f/	.....	.....	.....	.....	f/	.....	.....	.....	.....
355 Rubber products	g/	5824	5479	5430	5640	g/	2352	2292	2280	2369	40.4	42.0		
356 Plastic products	g/	.....	.....	.....	.....	g/	.....	.....	.....	.....
361 Pottery, china, earthenware	h/i/	7492	7425	7338	7170	h/i/	3328	3405	3375	3334	44.4	45.5		
362 Glass and products	h/	.....	.....	.....	.....	h/	.....	.....	.....	.....
369 Other non-metallic mineral products	h/	.....	.....	.....	.....	h/	.....	.....	.....	.....
371 Iron and steel	j/	22432	19716	20136	19318	j/	8129	7557	7752	7486	36.2	38.8		
372 Non-ferrous metals	j/	.....	.....	.....	.....	j/	.....	.....	.....	.....
381 Fabricated metal products	j/	.....	.....	.....	.....	j/	.....	.....	.....	.....
382 Non-electrical machinery	k/m/	30981	29568	29411	26823	k/m/	12997	12971	13235	12070	42.0	45.0		
383 Electrical machinery	n/	29343	28341	27329	30928	n/	11790	11064	10658	11999	40.2	38.8		
384 Transport equipment	k/	.....	.....	.....	.....	k/	.....	.....	.....	.....
385 Professional and scientific equipment	p/	10033	10190	11038	11334	p/	3398	3667	3863	3967	33.9	35.0		
390 Other manufacturing industries	d/	.....	.....	.....	.....	d/	.....	.....	.....	.....
3 Total manufacturing		196179	189956	193031	195105		74391	73238	74810	75667	37.9	38.6		

a/ 311/2 includes 313 and 314.
 b/ Including knitting mills (ISIC 3213).
 c/ Excluding jewellery (ISIC 3901).
 d/ 355 includes 356.
 e/ Including mining and quarrying (ISIC 2).
 f/ 382 includes 384.
 g/ Including photographic and optical goods (ISIC 3952).

b/ 322 includes 323 and 324.
 d/ 331 includes 332 and 390.
 f/ 351 includes 352, 353 and 354.
 h/ 361 includes 362 and 369.
 j/ 371 includes 372 and 381.
 m/ Including professional and scientific equipment (ISIC 3851).
 p/ 385 refers to watches and clocks (ISIC 3853) and jewellery (ISIC 3901).

Switzerland

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million FRANCS)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311 2 Food Products						101	103	104	106	109	111	113	113	114	
313 Beverages					a/										
314 Tobacco					a/										
321 Textiles						105	107	105	106	104	99	96	94	90	
322 Wearing apparel, except footwear						88	89	82	75	72	74	78	67	64	
323 Leather and fur products					b/	106	108	110	121	125	133	122	117	118	
324 Footwear, except rubber or plastic															
331 Wood products, except furniture						95	102	103	105	111	119	114	113	109	
332 Furniture and fixtures, excl metal															
341 Paper and products						105	113	118	122	126	127	125	128	130	
342 Printing and publishing						136	144	152	159	169	161	158	154	149	
351 Industrial chemicals					c/	123	125	129	146	169	171	173	179	193	
352 Other chemicals					c/										
353 Petroleum refineries															
354 Misc petroleum and coal products															
355 Rubber products					b/										
356 Plastic products															
361 Pottery, china, earthenware					d/	94	87	89	91	93	91	80	75	72	
362 Glass and products					d/										
369 Other non-metallic mineral products					d/										
371 Iron and steel					e/	101	103	106	116	117	117	110	110	106	
372 Non-ferrous metals					e/										
381 Fabricated metal products					f/	94	99	99	106	106	114	121	116	109	
382 Non-electrical machinery					f/										
383 Electrical machinery					f/										
384 Transport equipment					f/										
385 Professional and scientific equipment					g/	72	80	75	76	80	79	75	87	92	
390 Other manufacturing industries					g/										
3 Total manufacturing						100	104	105	110	114	118	119	118	117	

a/ 311-2 includes 313 and 314
 c/ 351 includes 352
 e/ 371 includes 372
 g/ 385 includes 390

b/ 323 includes 355
 d/ 361 includes 362 and 369
 f/ 381 includes 382, 383 and 384

SYRIAN ARAB REPUBLIC

Supplier of information:

Central Bureau of Statistics, Office of the Prime Minister, Damascus.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

Manufacturing includes repair services for the general public (part of ISIC major division 9).

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

All establishments in the public sector and establishments with 10 or more persons engaged in the private sector. However, the directory of establishments used in the annual industrial survey has not been brought up to date and consequently does not strictly reflect the situation of existing establishments.

Method of enumeration:

Establishments with 10 or more persons engaged are completely enumerated, and those with fewer than 10 persons engaged are sampled. Individual sites are visited by enumerators.

Adjusted for non-response:

Not reported

Concepts and definitions of variables:

Value added is total value added net of depreciation.

Related national publications:

Statistical Abstract (annual), published by the Central Bureau of Statistics, Office of the Prime Minister, Damascus.

Syrian Arab Republic

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(million POUNDS)			
		1990	1991	1992	1993		1990a/	1991a/	1992a/	1993a/		1990a/	1991a/	1992a/	1993a/
311/2 Food Products					b/	32.8	34.3	34.3	33.0	b/	1517	1662	2040	2051	
313 Beverages					b/					b/					
314 Tobacco					b/					b/					
321 Textiles					c/	32.4	32.9	32.5	32.1	c/	1468	1577	1978	2021	
322 Wearing apparel, except footwear					c/					c/					
323 Leather and fur products					c/					c/					
324 Footwear, except rubber or plastic					c/					c/					
331 Wood products, except furniture					d/	0.9	0.9	0.9	1.0	d/	41	43	56	60	
332 Furniture and fixtures, excl. metal					d/					d/					
341 Paper and products					e/	0.8	0.9	0.8	0.8	e/	34	36	47	45	
342 Printing and publishing					e/					e/					
351 Industrial chemicals					f/	13.3	13.5	13.6	13.6	f/	823	897	1129	1171	
352 Other chemicals					f/					f/					
353 Petroleum refineries					f/					f/					
354 Misc. petroleum and coal products					f/					f/					
355 Rubber products					f/					f/					
356 Plastic products					f/					f/					
361 Pottery, china, earthenware					g/	12.7	12.8	12.9	12.8	g/	727	758	1016	1028	
362 Glass and products					g/					g/					
369 Other non-metallic mineral products					g/					g/					
371 Iron and steel					h/	1.5	1.9	1.9	1.9	h/	163	121	163	158	
372 Non-ferrous metals					h/					h/					
381 Fabricated metal products					i/	5.6	5.6	5.7	5.6	i/	272	286	366	371	
382 Non-electrical machinery					i/					i/					
383 Electrical machinery					i/					i/					
384 Transport equipment					i/					i/					
385 Professional and scientific equipment															
390 Other manufacturing industries															
3 Total manufacturing					j/	100.3	102.8	102.6	100.8	j/	5045	5380	6785	6906	

a/ Public sector only
 c/ 321 includes 322, 323 and 324
 e/ 341 includes 342
 g/ 351 includes 362 and 369
 i/ 381 includes 382, 383 and 384

b/ 311/2 includes 313 and 314
 d/ 331 includes 332
 f/ 351 includes 352, 353, 354, 355 and 356.
 h/ 371 includes 372
 j/ Including repair services.

Syrian Arab Republic

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		(million POUNDS)					(million POUNDS)				1990	1993	1990	1993
		1990	1991	1992	1993		1990	1991	1992	1993				
311/2 Food Products		28501a/	29399a/	34163a/	...	6837a/	5324a/	6576a/	...	24.0	...	22.2	...	
313 Beverages		...a/	...a/	...a/	...	...a/	...a/	...a/	...	...	...	...	...
314 Tobacco		...a/	...a/	...a/	...	...a/	...a/	...a/	...	...	...	...	...
321 Textiles		24008b/	29277b/	39996b/	...	5641b/	6183b/	7929b/	...	23.6	...	26.0	...	
322 wearing apparel, except footwear		...b/	...b/	...b/	...	...b/	...b/	...b/	...	...	...	...	...
323 Leather and fur products		...b/	...b/	...b/	...	...b/	...b/	...b/	...	...	...	...	...
324 Footwear, except rubber or plastic		...b/	...b/	...b/	...	...b/	...b/	...b/	...	...	...	...	...
331 wood products, except furniture		2741c/	3343c/	6081c/	...	854c/	993c/	1893c/	...	31.2	...	4.8	...	
332 Furniture and fixtures, excl. metal		...c/	...c/	...c/	...	...c/	...c/	...c/	...	...	...	...	...
341 Paper and products		1134d/	661d/	1188d/	...	292d/	166d/	271d/	...	25.7	...	11.6	...	
342 Printing and publishing		...d/	...d/	...d/	...	...d/	...d/	...d/	...	...	...	...	...
351 Industrial chemicals		29409e/	27187e/	29674e/	...	1832e/	3816e/	2863e/	...	6.2	...	44.9	...	
352 Other chemicals		...e/	...e/	...e/	...	...e/	...e/	...e/	...	...	...	...	...
353 Petroleum refineries		...e/	...e/	...e/	...	...e/	...e/	...e/	...	...	...	...	...
354 Misc. petroleum and coal products		...e/	...e/	...e/	...	...e/	...e/	...e/	...	...	...	...	...
355 Rubber products		...e/	...e/	...e/	...	...e/	...e/	...e/	...	...	...	...	...
356 Plastic products		...e/	...e/	...e/	...	...e/	...e/	...e/	...	...	...	...	...
361 Pottery, china, earthenware		4594f/	6331f/	8643f/	...	1476f/	1917f/	2099f/	...	32.1	...	49.3	...	
362 Glass and products		...f/	...f/	...f/	...	...f/	...f/	...f/	...	...	...	...	...
369 Other non-metallic mineral products		...f/	...f/	...f/	...	...f/	...f/	...f/	...	...	...	...	...
371 Iron and steel		1930g/	2271g/	2509g/	...	229g/	347g/	514g/	...	11.9	...	71.2	...	
372 Non-ferrous metals		...g/	...g/	...g/	...	...g/	...g/	...g/	...	...	...	...	...
381 Fabricated metal products		7918h/	8978h/	11988h/	...	2345h/	2557h/	3849h/	...	29.6	...	11.6	...	
382 Non-electrical machinery		...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...	...	...
383 Electrical machinery		...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...	...	...
384 Transport equipment		...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...	...	...
385 Professional and scientific equipment		...h/	...h/	...h/	...	...h/	...h/	...h/	...	...	...	...	...
390 Other manufacturing industries		429	385	980	...	54	43	117	...	12.6	...	...	...
3 Total manufacturing	1/	100664	107832	135221	...	19560	21345	26911	...	19.4	...	25.8	...	

a/ 311/2 includes 313 and 314

c/ 331 includes 332

e/ 351 includes 352, 353, 354, 355 and 356

g/ 371 includes 372

1/ Including repair services

b/ 321 includes 322, 323 and 324.

d/ 341 includes 342

f/ 361 includes 362 and 369

h/ 381 includes 382, 383 and 384.

Syrian Arab Republic

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production									
	Note	(thousand POUNDS)				Note	(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		a/	147	150	131	121	123	135	148	150	142
313 Beverages		a/	...	...	...	...	...	...	...	...	...
314 Tobacco		a/	...	...	...	...	...	...	...	...	...
321 Textiles		b/	118	133	118	92	102	100	93	107	108
322 Wearing apparel, except footwear		b/	...	...	...	...	...	...	...	...	...
323 Leather and fur products		b/	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		c/	79	20	12	5	5	7	3	2	7
332 Furniture and fixtures, excl. metal		c/	...	...	...	...	...	...	...	...	...
341 Paper and products			246	165	110	42	47	39	45	48	67
342 Printing and publishing	
351 Industrial chemicals		d/	185	179	199	205	201	213	211	213	226
352 Other chemicals		d/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		d/	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		d/	...	...	...	...	...	...	...	...	...
355 Rubber products		d/	...	...	...	...	...	...	...	...	...
356 Plastic products		d/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		e/	191	191	174	145	171	134	141	155	171
362 Glass and products		e/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		e/	...	...	...	...	...	...	...	...	...
371 Iron and steel			146	107	38	23	31	81	79	88	90
372 Non-ferrous metals	
381 Fabricated metal products			82	48	33	30	42	60	74	107	123
382 Non-electrical machinery	
383 Electrical machinery	
384 Transport equipment	
385 Professional and scientific equipment	
390 Other manufacturing industries	
3 Total manufacturing	

a/ 311/2 includes 313 and 314
 c/ 331 includes 332
 e/ 362 includes 369

b/ 321 includes 323
 d/ 351 includes 352, 353, 354, 355 and 356

THAILAND

Supplier of information:

National Statistical Office, Bangkok, Metropolis.

Basic source of data:

Annual survey.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with the current version of the ISIC.

Reference period (if not calendar year):

Scope:

All establishments with 10 and more persons engaged.

Method of enumeration:

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

Adjusted for non-response:

No

Concepts and definitions of variables:

Number of employees is as of 31 December or the last pay period of the reference year.

Output includes gross revenues from goods shipped in the same condition as received.

Related national publications:

Report of the Industrial Survey (annual), published by the National Statistical Office, Bangkok, Metropolis.

Thailand

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million BAHT)			
		1988	1989	1990	1991		1988	1989	1990	1991		1988	1989	1990	1991
311 2 Food Products		4361	4971	4562	2726	234.6	247.2	204.3	219.2		7834.0	8629.0	8545.0	11375.0	
3111 Slaughtering, preparing & preserving meat		38	41	22	63	13.9	8.8	0.3	24.7		448.1	184.8	6.1	1030.9	
3112 Dairy products		25	27	27	54	1.4	2.3	0.5	7.6		42.2	270.5	6.2	825.8	
3113 Canning, preserving of fruits & vegetables		70	66	72	179	22.7	27.3	14.9	27.3		782.7	310.2	728.0	1142.4	
3114 Canning, preserving and processing of fish		137	128	162	243	26.7	21.3	27.1	48.0		804.5	622.3	991.8	2109.9	
3115 Vegetable and animal oils and fats		35	30	47	65	3.1	2.8	5.0	8.5		229.7	93.7	419.7	862.7	
3116 Grain mill products		4109	3743	3058	1125	119.7	116.6	89.6	28.4		3542.9	4052.0	2938.8	968.4	
3117 Bakery products		166	188	156	252	13.8	11.7	4.5	18.7		471.7	354.0	233.4	895.8	
3118 Sugar factories and refineries		34	5b	51	60	14.3	21.7	27.5	20.8		825.0	1377.0	1545.5	1557.5	
3119 Cocoa, chocolate and sugar confectionery		45	50	55	72	2.1	1.2	2.0	3.3		166.9	46.6	225.8	135.8	
3121 Other food products		226	243	246	295	6.1	8.1	5.2	7.0		260.4	297.6	158.6	279.0	
3122 Prepared animal feeds		76	100	97	140	10.8	7.5	10.7	8.5		459.3	350.8	435.4	520.2	
313 Beverages		54	67	61	79	42.7	51.3	95.3	20.8		2294.0	4189.0	5569.0	2351.0	
3131 Distilling, rectifying and blending spirits		1		15	15			6.5	6.3				851.8	843.2	
3132 Wine industries		1		1	2										
3133 Malt liquors and malt		2	2		3				3.5					818.4	
3134 Soft drinks and carbonated waters		50	43	41	58	42.7	39.8	88.6	10.6		2294.8	2638.7	4707.0	666.8	
314 Tobacco		120	176	175	164	10.2	10.4	31.7	22.4		110.0	169.0	3936.0	3805.0	
321 Textiles		605	968	1002	1464	204.2	309.6	411.2	276.6		8625.0	19965.0	19850.0	13359.0	
3211 Spinning, weaving and finishing textiles		500	703	682	1006	179.2	224.6	25.2	233.3		7577.8	17407.9	14435.9	11363.1	
3212 Make-up textile goods excl. wearing apparel		33	32	52	77	1.0	7.3	40.3	17.3		32.7	199.0	2345.2	894.6	
3213 Knitting mills		43	95	77	151	6.1	20.3	5.0	17.6		121.8	706.7	234.9	783.2	
3214 Carpets and rugs		17		20	37	6.1		12.8	1.6		309.9		586.4	54.1	
3215 Cordage, rope and twine		30	24	21	30	11.7	5.3	10.3	3.5		583.9	179.5	490.9	160.8	
3219 Other textiles		2	1		9				0.3					10.2	
322 Wearing apparel, except footwear		587	897	922	1327	112.3	151.8	300.1	227.3		4355.0	4581.0	15219.0	17519.0	
323 Leather and fur products		118	106	66	206	10.8	9.8	12.1	13.4		687.0	486.0	1159.0	769.0	
3231 Tanneries and leather finishing		67	25	27	68	7.7	6.4	8.5	4.8		583.0	401.5	1058.4	256.7	
3232 Fur dressing and dyeing industries															
3233 Leather goods excl. wearing apparel		51	45	39	92	3.1	2.9	3.7	7.7		103.5	76.5	101.0	330.6	
324 Footwear, except rubber or plastic		102	57	64	257	12.4	14.4	17.8	63.3		1024.0	684.0	809.0	2819.0	
331 Wood products, except furniture		433	480	521	858	28.1	31.1	26.6	41.9		1089.0	1285.0	1182.0	2004.0	
3311 Sawmills, planing and other wood mills		381	382	393	576	24.9	24.9	21.7	31.7		1018.9	1101.0	770.0	1658.3	
3312 Wooden and cane containers		17	7	7	102	0.8	0.3	0.1	2.4		15.1	1.1	1.4	50.6	
3319 Other wood and cork products		35	5	26	81	2.4	1.5	3.3	5.2		55.5	34.1	155.8	208.8	
332 Furniture and fixtures, excl. metal		240	304	238	333	32.0	37.4	37.1	29.0		1237.0	1351.0	5742.0	1433.0	
341 Paper and products		119	123	136	124	16.0	22.3	0.8	17.4		1070.0	1335.0	30.0	887.0	
3411 Pulp, paper and paperboard articles		23	21	21	19	4.0	5.8	5.4	5.5		145.8	298.9	186.5	247.5	
3412 Containers of paper and paperboard		60	57	39	62	7.1	8.7	5.5	6.5		472.1	306.9	176.9	341.2	
3419 Other pulp, paper and paperboard articles		36	35	37	40	5.0	7.3	7.5	4.5		451.5	698.1	775.9	259.3	
342 Printing and publishing		297	330	330	420	26.7	31.6	25.1	32.4		2251.0	2493.0	1720.0	3853.0	
351 Industrial chemicals		128	140	184	245	9.4	17.9	11.6	19.0		819.0	1538.0	689.0	3923.0	
3511 Basic chemicals excl. fertilizers		75	44	41	118	4.4	4.7	3.9	6.3		259.4	350.5	310.9	671.0	
3512 Fertilizers and pesticides		13	11	20	45	0.7	3.4	1.4	3.3		54.1	794.1	24.2	654.0	
3513 Synthetic resins and plastic materials		40	27	30	49	4.4	2.1	2.9	9.8		505.7	69.8	128.1	2629.7	
352 Other chemicals		262	267	109	312	24.6	33.1	22.1	33.2		1738.0	2794.0	1340.0	3471.0	
3521 Paints, varnishes and lacquers		42	39	30	56	2.4	2.4	2.0	3.6		183.2	220.9	121.6	147.4	
3522 Drugs and medicines		132	123	129	141	16.3	22.3	12.7	13.5		1251.4	2030.8	792.6	1761.5	
3523 Soap, cleaning preps., perfumes, cosmetics		50	42	39	60	2.9	4.2	4.1	10.0		169.5	228.9	262.9	1346.7	
3529 Other chemical products		38	43	44	57	3.0	3.6	2.4	6.6		134.5	290.7	128.2	488.7	
353 Petroleum refineries		9	5	2	10	1.9	4.8		2.4		694.0	2638.0		702.0	

354 Misc petroleum and coal products	2	3	2	5	-	0.1	...	0.2	-	10.0	...	15.0
355 Rubber products	213	201	203	377	32.2	35.8	37.8	54.6	1382.0	5182.0	2572.0	3333.0
3551 Tyres and tubes	44	45	48	53	8.0	7.9	13.0	19.9	780.1	1023.9	1627.4	1903.1
3559 Other rubber products	169	154	155	256	24.2	26.2	24.2	33.5	602.2	4000.8	945.4	1369.5
356 Plastic products	180	181	127	490	11.3	12.5	20.8	26.3	366.0	451.0	2697.0	1191.0
361 Pottery, china, earthenware	133	143	153	198	11.2	22.2	18.8	18.2	235.0	575.0	554.0	849.0
362 Glass and products	22	16	17	27	13.3	8.2	21.2	17.7	1315.0	1209.0	19.5.0	1775.0
369 Other non-metallic mineral products	436	585	573	1049	28.2	45.6	57.3	62.8	2222.0	3489.0	10637.0	7775.0
3691 Structural clay products	150	208	199	310	6.6	14.7	25.7	10.0	467.2	922.9	4564.4	499.9
3692 Cement, lime and plaster	26	25	31	51	2.7	0.9	14.2	16.7	337.7	17.4	3951.8	4544.1
3699 Other non-metallic mineral products	260	336	335	662	18.9	6.1	20.8	30.2	1417.0	2179.1	914.8	1786.0
371 Iron and steel	218	233	226	258	16.7	25.4	27.9	34.7	1193.0	2560.0	3577.0	3253.0
372 Non-ferrous metals	135	156	148	123	4.4	4.2	2.8	12.1	338.0	129.0	95.0	1757.0
381 Fabricated metal products	452	511	329	890	39.7	44.9	53.3	64.7	1681.0	2388.0	3035.0	4340.0
3811 Cutlery, hand tools and general hardware	40	30	36	55	2.4	2.2	1.6	2.9	61.8	88.3	44.1	114.6
3812 Furniture and fixtures primarily of metal	33	20	4	52	1.1	3.2	0.4	3.0	27.9	88.9	17.5	126.9
3813 Structural metal products	102	90	82	53	3.7	4.5	2.8	1.0	147.7	219.0	156.7	36.7
3819 Other fabricated metal products	277	202	174	428	32.6	30.7	47.5	51.2	1443.2	1896.7	2762.1	3781.5
382 Non-electrical machinery	128	166	200	419	5.5	6.3	66.1	59.0	336.0	334.0	3163.0	5787.0
3821 Engines and turbines	13	6	12	15	0.2	0.1	1.6	0.2	11.3	5.1	174.5	4.3
3822 Agricultural machinery and equipment	59	55	72	102	1.5	1.2	6.0	4.7	32.7	34.2	624.0	530.6
3823 Metal and wood working machinery	...	...	...	19	...	...	...	...	...	...	...	52.4
3824 Other special industrial machinery	10	11	...	53	0.4	0.6	...	1.7	26.4	23.5	...	98.3
3825 Office, computing and accounting machinery	11	4	4	19	0.2	0.1	0.1	1.3	5.9	2.4	3.0	104.3
3829 Other non-electrical machinery & equipment	35	31	22	85	3.3	2.1	31.8	46.2	259.0	145.1	2957.9	4580.0
383 Electrical machinery	141	164	132	276	33.8	85.7	84.9	73.6	2164.0	6017.0	7056.0	8054.0
3831 Electrical industrial machinery	41	19	1	53	7.2	8.1	...	17.4	372.4	456.3	...	1496.5
3832 Radio, television and communication equipm	25	37	39	86	6.9	32.1	35.7	35.4	704.5	2869.7	3779.9	4743.4
3833 Electrical appliances and housewares	16	14	17	19	9.7	14.1	8.1	2.2	574.9	887.7	197.0	63.1
3839 Other electrical apparatus and supplies	59	68	27	103	10.0	12.1	7.8	16.5	512.5	749.5	528.5	1320.6
384 Transport equipment	237	350	337	697	37.6	58.0	44.0	78.1	2835.0	4068.0	3901.0	7608.0
3841 Shipbuilding and repairing	28	30	27	36	1.2	1.1	1.4	1.9	40.5	56.0	66.5	111.2
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	157	219	157	447	21.3	50.4	31.4	68.4	1418.3	3554.7	2989.7	6933.8
3844 Motorcycles and bicycles	47	53	5	77	15.1	5.3	0.2	3.9	1375.8	417.8	4.4	214.0
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	5	1	2	3	...	...	...	...	0.6	...	...	1.0
385 Professional and scientific equipment	13	11	16	30	5.2	6.2	5.5	10.4	310.0	412.0	211.0	671.0
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	210	327	344	562	15.2	32.3	76.0	65.5	732.0	1454.0	1834.0	3650.0
3901 Jewellery and related articles	73	82	90	218	3.2	13.8	8.0	33.4	200.1	999.0	402.3	1276.2
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	6	4	2	20	0.1	...	...	2.3	4.0	...	...	82.5
3909 Manufacturing industries, n.e.c.	131	145	130	298	11.9	15.5	63.8	28.9	527.5	777.9	1347.9	1664.6
3 Total manufacturing	10575	11938	10990	13926	1026.2	1369.6	1717.5	1569.7	48937.0	80517.0	112029.0	118348.0

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ISIC Industry	Note	Output in producers' prices (million BAHT)				Note	Value added in producers' prices (million BAHT)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1988	1989	1990	1991		1988	1989	1990	1991	1988	1991	1988	1991
311 2 Food Products		227575	277426	251170	253693		50180	58011	56312	69026	22 0	27 2	15 6	16 5
3111 Slaughtering, preparing & preserving meat		7458	3820	74	18259		1625	668	41	2341	21 8	12 8	27 6	44 0
3112 Dairy products		321	7184	53	22214		160	1697	27	7457	49 8	33 6	26 4	11 1
3113 Canning, preserving of fruits & vegetables		10682	6780	9653	13185		4117	2006	4012	5208	38 5	39 5	19 0	21 9
3114 Canning, preserving and processing of fish		14214	12998	14167	40106		3751	4140	4252	10560	26 4	26 3	21 4	20 0
3115 Vegetable and animal oils and fats		9501	5954	21219	24994		1649	832	4958	4587	17 4	18 4	13 9	18 8
3116 Grain mill products		145349	162283	121811	27523		27065	27956	20096	8052	18 6	20 4	13 1	11 9
3117 Bakery products		5968	1098	2377	8090		1975	1098	1363	2924	33 1	36 1	23 9	30 6
3118 Sugar factories and refineries		10796	10645	35396	25429		3336	10645	11261	8041	30 9	31 6	18 8	19 4
3119 Cocoa, chocolate and sugar confectionery		6471	135	7452	1177		3176	135	214	466	49 1	39 6	5 3	29 1
3121 Other food products		3388	1653	2281	2837		1270	1653	917	1221	37 5	43 0	20 5	22 9
3122 Prepared animal feeds		13429	24064	15692	30922		2066	3315	2199	7833	16 3	25 3	22 3	6 6
313 Beverages		28107	68739	94972	49025		11082	46641	70774	37610	39 4	76 7	20 7	6 3
3131 Distilling, rectifying and blending spirits				16774	19351				13945	16882		82 1		5 3
3132 Wine industries														
3133 Malt liquors and malt					23274					18719		80 4		4 4
3134 Soft drinks and carbonated waters		28107	27959	78004	5860		11082	12407	56704	2838	39 4	48 4	20 7	23 5
314 Tobacco		1283	1555	52581	57378		227	162	41520	47883	17 7	83 5	48 5	7 9
321 Textiles		78206	206071	632770	134885		29554	58364	180755	51372	37 8	38 1	29 2	20 0
3211 Spinning, weaving and finishing textiles		67920	185100	605042	124109		24867	51812	171378	46634	36 6	37 6	30 5	24 4
3212 Made-up textile goods excl wearing apparel		337	1575	7683	4363		91	705	1525	1519	27 0	34 8	35 9	58 9
3213 Knitting mills		1778	5673	1187	2623		618	1837	388	1187	34 8	83 4	19 7	35 8
3214 Carpets and rugs		2549		5809	762		1201		3115	274	47 1	36 0	25 8	19 7
3215 Cordage, rope and twine		5621	1532	3212	944		2777	495	985	392	49 4	41 5	21 0	41 0
3219 Other textiles					200					96		47 5		10 7
322 Wearing apparel, except footwear		32078	43601	108928	165090		10764	13877	26858	84142	33 6	51 0	40 5	20 8
323 Leather and fur products		5382	4096	5679	30033		1186	975	1670	15425	22 0	51 4	57 9	5 0
3231 Tanneries and leather finishing		4864	3255	4891	14048		961	808	1418	7147	19 8	50 9	60 7	3 6
3232 Fur dressing and dyeing industries														
3233 Leather prod. excl wearing apparel		518	802	788	2610		224	144	151	1580	43 2	60 5	46 2	20 9
324 Footwear, except rubber or plastic		6890	1940	4418	15972		2375	780	1612	7317	34 5	45 8	43 1	38 5
331 Wood products, except furniture		11889	13957	15933	22939		3898	4413	4764	10063	32 8	43 8	27 9	19 9
3311 Sawmills, planing and other wood mills		11334	11575	11575	19246		3726	3902	3418	9176	32 9	47 7	27 3	18 1
3312 Wooden and cane containers		84	7	9	69		43	3	1	75	51 2		35 1	67 5
3319 Other wood and cork products		471	302	1253	1949		130	73	381	455	27 6	23 3	42 8	45 9
332 Furniture and fixtures, excl metal		11516	12577	50735	13920		4083	4197	16458	7066	35 5	50 8	30 3	20 3
341 Paper and products		20131	35916	1254	14605		5023	7311	195	4098	25 0	28 1	21 3	21 6
3411 Pulp, paper and paperboard articles		2394	14460	12142	6036		997	3443	2002	1286	41 6	21 2	14 6	19 2
3412 Containers of paper and paperboard		9402	5156	3881	3417		2329	1306	769	1191	24 8	34 9	20 3	28 6
3419 Other pulp, paper and paperboard articles		8333	15026	15108	3768		1697	2069	4418	1440	20 4	38 2	26 6	18 0
342 Printing and publishing		52467	72183	10015	571208		47581	58046	5197	565470	90 7	99 0	4 7	0 7
351 Industrial chemicals		21280	68609	10371	61877		3485	21756	3936	25853	16 4	41 8	23 5	15 2
3511 Basic chemicals excl fertilizers		4115	5584	5399	5440		1569	2041	2155	2293	38 1	42 2	16 5	29 3
3512 Fertilizers and pesticides		535	50091	221	18096		137	15947	72	5777	25 6	31 9	39 5	11 3
3513 Synthetic resins and plastic materials		16629	1500	1966	38852		1779	463	638	17919	10 7	46 1	28 4	14 7
352 Other chemicals		28798	37764	19064	59848		10248	14111	7389	20461	35 6	34 2	17 0	17 0
3521 Paints, varnishes and lacquers		7012	3186	1254	794		1584	1300	417	321	22 6	40 4	11 6	45 9
3522 Drugs and medicines		17268	2574	8205	18890		6263	10692	2734	9583	36 3	50 7	20 0	18 4
3523 Soap, cleaning preps, perfumes, cosmetics		2424	2574	4933	33872		1779	738	3323	8400	73 4	24 8	9 5	16 0
3529 Other chemical products		2094	4177	3831	6245		621	1288	694	2141	29 7	34 3	21 7	22 8
353 Petroleum refineries		47991	161952		133029		24917	59393		131145	51 9	98 6	2 8	0 5

354 Misc. petroleum and coal products	-	233	...	836	-	35	...	326	...	39.0	...	4.6
355 Rubber products	43338	243488	46508	69774	9022	41557	12108	26049	20.8	37.3	15.3	12.8
3551 Tyres and tubes	10734	13452	21584	41713	4120	5556	8019	17853	38.4	42.8	18.9	10.7
3559 Other rubber products	32605	220843	24899	27665	4920	34686	4082	8014	16.1	29.0	12.2	17.1
356 Plastic products	5366	8510	61454	11564	1373	2125	22828	5439	25.6	47.0	26.7	21.9
361 Pottery, china, earthenware	1470	3140	2808	8081	832	1559	1517	4900	56.6	60.6	28.2	17.3
362 Glass and products	11826	11810	5621	17791	7593	6751	2346	10919	64.2	61.4	17.3	16.3
369 Other non-metallic mineral products	24637	71781	159307	122688	9701	27915	70840	57759	39.4	47.1	22.9	13.5
3691 Structural clay products	4426	18141	73327	5405	1996	10986	39317	2933	45.1	54.3	23.4	17.0
3692 Cement, lime and plaster	3389	119	60288	89611	1799	60	18442	40074	53.1	44.7	18.8	11.3
3699 Other non-metallic mineral products	16823	49215	13179	14645	5907	14833	5315	6805	35.1	45.5	24.0	26.2
371 Iron and steel	23942	87819	53819	84056	5917	42882	10994	29108	24.7	34.6	20.2	11.2
372 Non-ferrous metals	4358	847	1522	41880	1639	418	273	7785	37.6	18.6	20.6	22.6
381 Fabricated metal products	29330	77052	82684	56325	8229	16352	15473	27714	28.1	49.2	20.4	15.7
3811 Cutlery, hand tools and general hardware	539	4712	175	492	153	2256	71	194	28.4	39.4	40.4	59.1
3812 Furniture and fixtures primarily of metal	234	2238	144	1678	67	202	4	494	28.6	29.4	41.5	25.7
3813 Structural metal products	2755	5161	8240	189	911	693	657	106	33.1	56.1	16.2	34.6
3819 Other fabricated metal products	25802	63324	70736	51556	7098	12948	14515	26092	27.5	50.5	20.3	14.5
382 Non-electrical machinery	4276	5867	91586	259899	1161	1166	49360	174242	27.2	67.0	28.9	3.3
3821 Engines and turbines	99	46	13082	45	21	6	3830	10	21.2	22.2	53.8	43.0
3822 Agricultural machinery and equipment	150	133	18430	14042	78	47	15898	3884	62.0	27.7	41.9	13.7
3823 Metal and wood working machinery	...	...	44186	...	...	...	10115	...	...	22.9	...	0.5
3824 Other special industrial machinery	255	257	...	676	56	145	...	182	22.0	25.9	47.1	54.0
3825 Office, computing and accounting machinery	45	11	20	1964	16	7	9	1564	35.6	79.6	36.9	6.7
3829 Other non-electrical machinery & equipment	3727	3273	32812	187805	991	567	15404	156034	25.6	83.1	25.1	2.9
383 Electrical machinery	35186	117901	164214	217126	15641	31710	64552	118439	44.5	54.5	13.8	6.8
3831 Electrical industrial machinery	5228	9242	...	16509	1906	2770	...	6904	36.5	41.8	19.5	21.7
3832 Radio, television and communication equipment	11630	51460	76892	162441	9036	13821	39634	93418	77.7	67.5	7.8	5.1
3833 Electrical appliances and housewares	6269	15096	6624	1628	2113	7657	1259	313	33.7	19.2	27.2	20.2
3839 Other electrical apparatus and supplies	12060	26841	23383	19493	2585	3826	3416	7316	21.4	37.5	19.8	18.1
384 Transport equipment	52238	77138	94980	150122	17379	32722	21764	100499	33.3	66.9	15.3	7.6
3841 Shipbuilding and repairing	200	237	245	576	91	93	107	182	45.5	31.6	44.5	61.1
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	21951	67918	70901	138607	8352	29840	17573	96699	38.0	69.8	17.0	7.2
3844 Motorcycles and bicycles	30083	10516	12	8571	8936	2737	7	2653	29.7	31.0	15.4	8.1
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	3	...	...	11	1	...	...	...	33.3	...	60.0	...
385 Professional and scientific equipment	2790	3054	2251	5712	1227	1289	1491	3218	44.0	56.3	25.3	20.9
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	12712	24388	36611	52046	4162	5526	12730	25818	32.7	49.6	17.6	14.2
3901 Jewellery and related articles	5614	16109	3110	28948	1549	2099	1361	12304	27.6	42.5	12.9	15.2
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	57	...	...	894	7	...	...	160	12.3	17.9	57.1	51.6
3909 Manufacturing industries, n.e.c.	7041	7591	31567	21429	2606	3109	10715	13225	37.0	61.7	20.2	12.6
3 Total manufacturing	825062	1741414	2154247	2681365	288479	570337	738040	1669136	35.0	62.2	17.0	7.1

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ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million BAHT)					(1980=100)							
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993
311-2 Food Products		69939.6	79266.5	16226.8		126	129	120	117	136	131	109	129	126
313 Beverages		9525.5	14522.2	5839.4		...	...	...	...	...	...	...	...	...
314 Tobacco		863.0	6446.9	6514.7		...	...	...	...	...	...	...	...	...
321 Textiles		76631.3	60159.6	15630.4		...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		10538.5	20101.1	10096.3		...	...	...	...	...	...	...	...	...
323 Leather and fur products		1039.2	1008.4	-8975.3		...	...	...	...	...	...	...	...	...
324 Footwear except rubber or plastic		826.6	1010.1	1300.6		...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		5575.9	4296.8	2331.2		...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		2729.1	22757.4	2202.5		...	...	...	...	...	...	...	...	...
341 Paper and products		10483.8	112.1	3669.9		121	121	127	129	130	260	256	158	
342 Printing and publishing		4453.4	6228.3	990.5		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		14360.3	6939.9	4135.5		...	...	...	...	...	...	...	...	...
352 Other chemicals		8579.1	3602.8	7658.5		...	...	...	...	...	...	...	...	...
353 Petroleum refineries		10237.0	-	3748.2		...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		53.7	-	8.5		...	...	...	...	...	...	...	...	...
355 Rubber products		12556.2	8991.6	12244.5		...	...	...	...	...	...	...	...	...
356 Plastic products		3301.2	31457.8	13347.6		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		6558.7	4849.7	2528.1		...	...	...	...	...	...	...	...	...
362 Glass and products		6676.6	772.2	3762.0		...	...	...	...	...	...	...	...	...
365 Other non-metallic mineral products		32356.1	65257.1	21458.8		148	148	185	216	282	338	369	407	493
371 Iron and steel		6326.9	7756.4	12838.9		...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		889.0	355.0	222.6		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		25586.2	22377.0	5429.0		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		1155.7	27712.3	6533.7		...	...	...	...	...	...	...	...	...
383 Electrical machinery		36562.9	27386.8	13985.4		...	...	...	...	...	...	...	...	...
384 Transport equipment		20671.9	7227.5	17860.1		...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		1814.3	601.9	2231.4		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		3055.6	17148.7	7425.1		...	...	...	...	...	...	...	...	...
3 Total manufacturing		384618.0	481586.1	195567.2		...	...	...	...	...	...	...	...	...

THE FORMER YUGOSLAV REPUBLIC OF MACEDONIA

Supplier of information:

Statistical Office of the former Yugoslav Republic of Macedonia, Skopje.

Basic source of data:

Annual report on industrial activity.

Major deviations from current version of ISIC:

None reported.

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

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Wages and salaries is compensation of employees.

Value added refers to social product and is calculated as the difference between the value of production, including turnover tax, and material expenditure.

Related national publications:

The former Yugoslav Republic of Macedonia

ISIC Industry	Note	Number of enterprises				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(thousand DENARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311-2 Food Products		53	137	255	287		12577	14667	14761	14257		7526	21449	186819	967861
313 Beverages		11	15	48	67		4692	2218	1978	1894		2487	3863	26797	154144
314 Tobacco		25	24	25	26		8131	7121	7370	7130		7733	19860	104487	626778
321 Textiles		29	48	76	73		27201	24912	23268	21733		11760	17987	174972	748820
322 Wearing apparel, except footwear		97	188	301	307		29785	29040	27179	25675		12135	19724	251400	1067823
323 Leather and fur products		7	15	23	26		4143	4066	4441	4324		2388	9365	53793	250716
324 Footwear, except rubber or plastic		14	26	36	43		8435	6664	6028	2803		3394	5256	50481	132980
331 Wood products, except furniture		13	19	31	35		2191	1456	1858	1392		844	1039	17438	60743
332 Furniture and fixtures, excl metal		48	104	209	236		7959	6648	6730	6141		3687	6429	57404	265534
341 Paper and products		7	12	37	39		1809	1605	1767	1541		982	3074	24447	98317
342 Printing and publishing		60	101	120	217		3886	4659	4400	3946		2338	6125	51227	304617
351 Industrial chemicals		11	21	43	43		8867	8015	7265	6559		5799	10714	84138	436093
352 Other chemicals		8	19	32	46		3396	2969	3031	2537		3823	6653	44266	236430
353 Petroleum refineries		1	1	1	2		1419	1338	1304	1318		1085	1946	46372	148416
354 Misc petroleum and coal products		-	-	-	-		-	-	-	-		-	-	-	-
355 Rubber products		1	1	6	8		-	1	5	6		-	1	307	3682
356 Plastic products		30	54	107	107		1746	1710	1998	1732		1063	2765	18894	104666
361 Pottery, china, earthenware		5	13	25	23		3756	3392	3112	2245		1693	2999	23967	96492
362 Glass and products		3	6	4	4		303	832	188	183		106	891	2062	18663
369 Other non-metallic mineral products		3	3	6	7		2379	1779	1400	1366		436	1954	13952	64189
371 Iron and steel		4	4	4	5		16894	13144	12063	11360		11131	24671	160021	657698
372 Non-ferrous metals		3	6	13	17		2016	2216	1818	1817		1100	2183	24550	118949
381 Fabricated metal products		83	158	310	332		10864	11344	10236	9886		5548	11513	106259	466080
382 Non-electrical machinery		21	38	62	62		1614	3605	3375	3092		752	4136	43606	179646
383 Electrical machinery		75	165	360	384		12249	11587	12078	10641		7490	12494	134109	570784
384 Transport equipment		31	72	137	154		7078	10393	9717	8980		3863	13323	100822	484527
385 Professional and scientific equipment		6	27	51	54		224	241	346	350		98	246	3978	21463
390 Other manufacturing industries		14	35	77	78		1641	1577	1653	1455		874	1667	17220	87763
3 Total manufacturing		662	1312	2399	2682		185235	177198	189368	164564		100024	211006	1823788	8272744

The former Yugoslav Republic of Macedonia

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million DENARS)					(million DENARS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		40.4	121.0	1944.7	7903.0		18.2	55.8	805.2	3465.0	44.9	43.7	41.5	28.0
313 Beverages		14.0	26.4	393.9	1474.0		5.5	13.6	177.6	673.0	39.5	45.7	45.0	22.9
314 Tobacco		42.9	101.6	1585.0	5451.0		18.6	41.0	600.0	2780.0	43.4	51.0	41.5	18.9
321 Textiles		36.5	72.7	1135.0	4085.0		18.5	41.1	683.5	2246.0	50.8	55.0	63.5	33.3
322 wearing apparel, except footwear		43.5	73.7	1274.2	3407.0		23.9	41.8	699.3	1971.0	55.0	57.9	50.7	54.2
323 Leather and fur products		11.4	25.2	385.9	1739.0		4.6	13.8	206.0	856.0	39.9	49.2	52.3	29.3
324 Footwear, except rubber or plastic		17.2	23.5	392.6	706.0		8.4	12.3	217.4	327.0	49.0	46.3	40.2	40.7
331 wood products, except furniture		2.9	4.9	101.0	288.0		1.2	2.1	40.2	123.0	42.7	42.7	68.5	49.4
332 Furniture and fixtures, excl metal		17.0	26.7	368.6	1318.0		7.0	10.9	148.6	614.0	41.3	46.6	52.6	43.2
341 Paper and products		4.6	11.9	185.0	602.0		1.5	5.3	83.4	225.0	32.0	37.4	66.1	43.7
342 Printing and publishing		9.0	20.2	256.8	912.0		4.9	13.2	155.1	556.0	54.0	61.0	48.0	54.8
351 Industrial chemicals		30.9	61.7	1032.7	2336.0		10.4	16.7	408.1	105.0	33.7	4.5	55.5	
352 Other chemicals		13.8	26.9	332.7	1332.0		8.3	14.3	160.2	804.0	60.1	60.4	46.3	29.4
353 Petroleum refineries		36.3	51.7	292.4	2335.0		9.5	4.4	57.3	1299.0	25.1	55.6	11.6	11.4
354 Misc petroleum and coal products		-	-	-	-		-	-	-	-	-	-	-	-
355 Rubber products		-	-	1.9	11.0		-	-	1.0	5.0	33.3	45.5		73.6
356 Plastic products		4.3	11.0	154.7	401.0		2.1	6.1	90.3	223.0	49.9	55.6	49.6	46.9
361 Pottery, china, earthenware		6.7	14.3	168.3	511.0		3.7	7.3	85.8	289.0	55.6	56.6	42.9	33.4
362 Glass and products		0.4	1.5	16.9	46.0		0.2	0.7	11.3	32.0	57.1	69.6	43.6	58.3
369 Other non-metallic mineral products		4.3	8.7	100.5	350.0		1.9	4.6	55.2	175.0	44.3	50.0	22.9	36.7
371 Iron and steel		73.7	137.3	1751.8	4371.0		18.7	36.7	330.6	1469.0	25.3	33.6	59.7	44.8
372 Non-ferrous metals		4.9	10.8	184.4	601.0		1.8	4.3	100.2	258.0	37.5	44.6	59.7	44.4
381 Fabricated metal products		19.5	42.3	575.0	1973.0		10.1	20.9	319.2	1110.0	51.9	56.3	54.7	42.0
382 Non-electrical machinery		3.3	13.6	215.2	763.0		1.3	8.8	167.9	607.0	38.7	79.6	59.1	29.6
383 Electrical machinery		34.7	68.8	1181.5	4096.0		15.6	27.0	443.7	1588.0	44.9	38.8	48.0	35.9
384 Transport equipment		22.5	43.8	517.2	2080.0		11.7	21.5	341.5	1293.0	52.1	62.2	33.0	37.6
385 Professional and scientific equipment		0.3	1.1	21.5	94.0		0.2	0.6	13.7	66.0	62.5	59.6	58.7	38.3
390 Other manufacturing industries		3.7	6.6	66.1	368.0		2.1	4.1	51.6	271.0	57.6	73.6	41.3	32.4
3 Total manufacturing		498.6	1008.1	14635.1	49553.0		210.0	429.0	6452.7	23419.0	42.1	47.3	47.6	35.3

The former Yugoslav Republic of Macedonia

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(million DENARS)				Note	(1980=100)									
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		1.2	4.1	53.6	319.7		...	...	...	...	...	...	...	...	...
313 Beverages		0.1	0.6	10.2	79.6		...	...	...	...	...	...	...	...	...
314 Tobacco		0.7	0.7	36.2	383.2		...	...	...	...	...	...	...	...	...
321 Textiles		0.8	1.6	4.7	35.7		...	...	...	...	...	...	...	...	...
322 Wearing apparel, except footwear		1.4	1.4	8.3	48.7		...	...	...	...	...	...	...	...	...
323 Leather and fur products		0.2	1.1	94.4	117.4		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		0.1	-	1.2	2.0		...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		0.4	0.2	4.1	9.5		...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		0.6	0.6	15.7	16.3		...	...	...	...	...	...	...	...	...
341 Paper and products		0.2	0.3	1.1	3.9		...	...	...	...	...	...	...	...	...
342 Printing and publishing		0.3	0.9	7.8	53.2		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		1.4	0.6	78.5	30.6		...	...	...	...	...	...	...	...	...
352 Other chemicals		0.1	0.7	12.7	27.8		...	...	...	...	...	...	...	...	...
353 Petroleum refineries		-	0.1	0.6	37.3		...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		-	-	-	-		
355 Rubber products		0.1	0.2	0.2	0.3		...	...	...	...	...	...	...	...	...
356 Plastic products		0.1	0.1	2.2	4.2		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		0.1	-	-	-		...	...	...	...	...	...	...	...	...
362 Glass and products		-	-	1.2	-		...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		-	0.1	1.8	5.8		...	...	...	...	...	...	...	...	...
371 Iron and steel		1.3	1.6	15.2	46.5		...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		0.1	-	0.4	15.7		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		0.3	0.9	2.4	2.5		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		-	0.4	1.8	3.5		...	...	...	...	...	...	...	...	...
383 Electrical machin. ,		1.0	2.3	5.0	65.6		...	...	...	...	...	...	...	...	...
384 Transport equipment		0.2	1.1	3.9	37.3		...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		-	0.1	-	-		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		0.1	7.1	6.0	8.1		...	...	...	...	...	...	...	...	...
3 Total manufacturing		10.7	25.6	369.1	1354.4		...	...	...	...	...	...	...	...	...

TRINIDAD AND TOBAGO

Supplier of information:

Central Statistical Office, Port-of-Spain.

Basic source of data:

Annual survey of establishments.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with the current version of the ISIC.

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.

Scope:

For industries dominated by one or two establishments, the survey covers all activity; for those with several establishments, the coverage accounts for about 70 per cent of employment.

Method of enumeration:

Questionnaires are distributed by mail with follow-up site visits as required. Some questionnaires are hand delivered.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Number of establishments refers to both producing and distributing units.

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

Wages and salaries includes employers' contributions to pension funds.

Related national publications:

Quarterly Economic Report; Annual Statistical Digest; Business Surveys (annual), all published by the Central Statistical Office, Port-of-Spain.

Trinidad and Tobago

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million DOLLARS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		101	96	48	69		14034	12775	12851	13258		252.1	249.9	297.5	318.8
3111 Slaughtering, preparing & preserving meat		10	8	5	5		778	663	632	722		12.2	12.5	14.2	22.9
3112 Dairy products		5	4	3	4		657	660	679	725		29.9	29.7	33.5	37.8
3113 Canning, preserving of fruits & vegetables		6	6	2	3		223	251	271	268		8.7	11.3	12.9	13.3
3114 Canning, preserving and processing of fish		4	3	2	2		282	217	173	86		8.2	7.2	7.4	3.1
3115 Vegetable and animal oils and fats		3	3	3	3		813	826	843	759		44.0	48.2	51.3	49.5
3116 Grain mill products		7	7	3	4		360	622	395	432		19.5	23.3	25.1	24.8
3117 Bakery products					15		1224	971	382	553		15.9		21.4	24.7
3118 Sugar factories and refineries		1	1	1	1		7908	6937	7461	7592		66.2	73.0	69.7	77.2
3119 Cocoa, chocolate and sugar confectionery		8	8	5	6		474	321	586	699		14.8	8.9	15.7	18.2
3121 Other food products		47	46	15	16		770	739	648	725		19.1	19.0	31.0	33.6
3122 Prepared animal feeds		10	10	9	10		535	558	781	667		13.6	15.2	14.5	13.8
313 Beverages		12	12	10	10		1382	1623	1342	1583		60.1	58.8	67.9	60.6
3131 Distilling, rectifying and blending spirits		2	2	2	2		233	248	237	226		15.1	15.9	15.5	13.2
3132 Wine industries	a/	4	4	3	3	a/	709	755	547	725	a/	29.8	25.5	25.6	27.8
3133 Malt liquors and malt	a/					a/					a/				
3134 Soft drinks and carbonated waters		6	6	5	5		440	623	558	732		15.2	16.3	15.8	19.6
314 Tobacco		1	1	1	1		286	272	264	261		19.1	20.5	19.5	20.2
321 Textiles		12	22	19	15		330	421	335	322		5.8	7.5	5.8	7.8
3211 Spinning, weaving and finishing textiles		9	17	13	12		274	314	267	254		5.0	5.4	4.9	5
3212 Made-up textile goods excl. wearing apparel															
3213 Knitting mills		3	5	6	3		56	107	68	68		1.8	2.2	2.0	2.2
3214 Carpets and rugs															
3215 Cordage, rope and twine															
3219 Other textiles															
322 Wearing apparel, except footwear		72	130	125	122		2016	2743	2513	2517		23.4	32.5	31.2	28.7
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		15	15	20	14		312	427				6.2	7.7	9.0	5.8
33 Wood products, except furniture		64	96	85	84		686	968	1058	655		12.7	15.6	23.0	25.6
3311 Sawmills, planing and other wood mills		64	69	64	67		686	622	650	259		12.7	9.2	10.3	10.5
3312 Wooden and cane containers			1	1	1			39	32	39			0.8	0.8	0.8
3319 Other wood and cork products			26	20	16			307	375	357			6.7	12.0	14.2
332 Furniture and fixtures, excl. metal		267	242	234	221		991	989	962	821		13.1	12.2	14.0	13.8
341 Paper and products		26	29	27	27		1130	1081	1099	1093		35.2	36.4	33.2	34.6
3411 Pulp, paper and paperboard articles															
3412 Containers of paper and paperboard															
3419 Other pulp, paper and paperboard articles															
342 Printing and publishing		128	187	181	175		1598	2114	2056	1942		43.4	58.1	52.3	59.6
351 Industrial chemicals	b/	6	6	6	6	b/	1004	996	1018	980	b/	85.8	88.0	96.9	104.7
3511 Basic chemicals excl. fertilizers															
3512 Fertilizers and pesticides		6	6	6	6		1004	996	1018	980		85.8	88.0	96.9	104.7
3513 Synthetic resins and plastic materials															
352 Other chemicals		7	72	74	70		621	1435	1556	1533		19.0	40.4	44.9	47.3
3521 Paints, varnishes and lacquers		7	12	11	11		621	600	680	680		19.0	19.8	22.1	22.5
3522 Drugs and medicines			8	8	6			118	127	89			5.1	4.5	3.6
3523 Soap, cleaning preps, perfumes, cosmetics			11	13	15			195	236	207			3.4	4.2	4.0
3529 Other chemical products			41	42	38			521	523	557			11.1	14.2	17.2
353 Petroleum refineries	c/	1	1	1	1	c/	3034c/	2466c/		2543c/	c/	244.5	332.9	303.9	297.5

354 Misc petroleum and coal products	c/	...	...	...	...	c/	...	...	...	c/	...	...	...	...
355 Rubber products	b/	18	28	27	23	b/	543	570	533	478	b/	23.3	23.6	23.7	20.0
3551 Tyres and tubes		18	28	27	23		543	570	533	478		23.3	23.6	23.7	20.0
3559 Other rubber products		...	...	...	...		...	...	...	...		...	...	...	...
356 Plastic products		2	2	2	2		214	223	247	250		8.2	7.6	7.9	6.6
361 Pottery, china, earthenware		...	39	...	...		...	...	...	...		...	...	...	...
362 Glass and products		1	1	1	1		419	461	471	516		20.4	22.6	26.3	25.3
369 Other non-metallic mineral products		59	63	61	10		1244	1077	1084	1107		38.4	36.7	40.8	47.9
3691 Structural clay products		7	11	7	5		351	219	196	212		7.7	5.6	6.0	5.8
3692 Cement, lime and plaster		1	1	1	1		393	387	385	387		21.1	22.6	23.3	26.7
3699 Other non-metallic mineral products		51	51	53	34		500	471	483	508		9.6	8.6	11.6	12.4
371 Iron and steel		11	5	17	14		1390	1700	1467	1450		82.9	77.0	70.6	83.4
372 Non-ferrous metals		-	-	-	-		-	-	-	-		-	-	-	-
381 Fabricated metal products		150	195	195	181		1246	1427	1695	1505		30.3	35.2	30.8	32.3
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...		...	...	...	...
3812 Furniture and fixtures primarily of metal		3	8	8	6		118	158	173	196		3.2	4.3	6.2	4.3
3813 Structural metal products		...	...	...	...		...	...	...	...		...	...	...	...
3819 Other fabricated metal products		147	187	187	175		1128	1269	1522	1309		27.0	30.9	26.6	28.1
382 Non-electrical machinery		...	1	1	1		...	8	7	7		...	0.1	0.3	0.3
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		...	1	1	1		...	8	7	7		...	0.1	0.3	0.3
3829 Other non-electrical machinery & equipment		...	...	...	...		...	...	...	...		...	...	...	...
383 Electrical machinery		13	47	46	39		553	1555	1675	1624		15.8	35.7	44.6	42.9
3831 Electrical industrial machinery		...	...	...	...		...	...	...	...		...	...	...	...
3832 Radio, television and communication equipm		...	14	14	10		...	228	250	217		...	4.1	6.4	4.7
3833 Electrical appliances and housewares		13	19	18	18		553	840	776	701		15.8	20.1	22.3	21.4
3839 Other electrical apparatus and supplies		...	14	14	11		...	487	649	704		...	11.5	16.9	16.8
384 Transport equipment		18	25	21	21		523	583	644	688		14.8	12.7	14.9	18.2
3841 Shipbuilding and repairing		8	9	10	10		57	70	80	79		1.0	1.1	1.9	2.4
3842 Railroad equipment		...	...	...	...		...	...	...	...		...	...	...	...
3843 Motor vehicles		10	16	11	11		466	513	564	609		13.8	11.6	12.9	15.8
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		45	83	98	90		1409	2002	2031	2068		51.6	45.9	56.2	69.3
3901 Jewellery and related articles		5	11	14	13		242	274	402	435		3.3	4.0	7.8	9.7
3902 Musical instruments		...	...	...	...		...	...	...	...		...	...	...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...		...	...	...	...
3909 Manufacturing industries, n.e.c.		39	72	84	77		1167	1728	1629	1633		28.3	42.6	48.3	49.6
3 Total manufacturing	d/e/	1029	1398	1300	1227	d/e/	34965	37916	34898	37311	d/e/	1085.1	1318.8	1316.4	1357.3

a/ 3132 includes 3133
 c/ 353 includes 354
 e/ Sum of available data.

b/ Relates only to data available at the detailed industry level.
 d/ Including repair services for the general public.

Trinidad and Tobago

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million DOLLARS)					(million DOLLARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		1959.2	2095.3	2421.8	2390.3		397.0	482.7	601.6	616.9	20.3	25.8	63.5	61.7
3111 Slaughtering, preparing & preserving meat		144.4	109.4	123.5	104.6		27.1	22.6	21.0	18.3	18.7	17.6	44.9	
3112 Dairy products		219.9	231.1	243.6	265.6		74.4	64.8	99.7	86.8	33.8	32.7	40.3	43.5
3113 Canning, preserving of fruits & vegetables		53.7	80.4	97.5	95.6		21.8	23.1	31.4	33.0	40.7	34.5	40.0	40.4
3114 Canning, preserving and processing of fish		28.2	14.9	27.4	22.6		8.8	5.6	7.2	6.2	31.1	27.3	93.4	50.8
3115 Vegetable and animal oils and fats		360.2	355.6	420.8	373.7		92.3	98.4	97.9	130.8	25.6	35.0	47.7	37.8
3116 Grain mill products		302.9	324.5	339.5	348.4		44.3	80.6	112.2	70.3	14.6	20.2	44.0	35.2
3117 Bakery products		99.2	120.9	172.1	188.4		30.6	29.1	45.8	43.2	31.0	23.0	51.6	57.2
3118 Sugar factories and refineries		230.9	280.1	269.7	294.8		-69.7	-28.7	-25.8	-6.6				
3119 Cocoa, chocolate and sugar confectionery		92.6	87.2	124.9	130.3		32.7	30.1	38.4	44.9	35.3	34.5	45.2	40.5
3121 Other food products		139.3	187.7	261.5	302.8		51.5	76.1	126.4	150.0	37.0	49.5	37.1	22.4
3122 Prepared animal feeds		287.9	323.5	341.3	263.9		83.1	81.2	47.4	39.8	28.8	15.1	16.3	34.3
313 Beverages		440.0	498.3	499.3	559.4		193.2	247.3	242.4	264.4	43.9	47.3	31.1	22.9
3131 Distilling, rectifying and blending spirits		66.5	71.0	87.4	74.3		35.4	35.6	38.0	32.3	53.2	43.5	42.6	40.8
3132 Wine industries	a/	219.0	268.1	241.4	274.1	a/	116.6	169.1	164.9	174.7	52.8	63.7	25.8	15.9
3133 Malt liquors and malt	a/					a/								
3134 Soft drinks and carbonated waters		154.5	159.2	170.5	211.0		42.3	42.7	49.6	57.4	27.4	27.2	36.0	34.1
314 Tobacco		185.4	191.3	196.7	237.9		153.0	154.9	155.2	192.9	82.5	81.1	12.5	10.5
321 Textiles		43.1	50.3	53.4	48.6		16.4	22.2	25.9	22.0	38.0	45.3	41.6	35.3
3211 Spinning, weaving and finishing textiles		34.7	39.2	43.4	37.8		14.1	18.1	22.5	18.6	40.7	49.3	35.3	30.0
3212 Made-up textile goods excl wearing apparel														
3213 Knitting mills		8.4	11.1	10.0	10.8		2.3	4.0	4.4	3.4	26.8	31.5	81.0	64.8
3214 Carpets and rugs														
3215 Cordage, rope and twine														
3219 Other textiles														
322 Wearing apparel, except footwear		86.8	123.5	121.3	118.7		32.8	44.3	45.3	35.7	37.8	30.0	71.3	80.6
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		30.4	37.0	46.4	35.4		9.9	10.9	13.2	10.9	32.5	30.7	62.9	53.0
331 Wood products, except furniture	b/	43.4	55.2	53.7	63.2	c/b/	40.3	49.8	58.9	47.8				
3311 Sawmills, planing and other wood mills		43.4	55.2	59.7	63.2	d/	40.3	49.8	58.9	47.8				
3312 Wooden and cane containers						d/								
3319 Other wood and cork products						d/								
332 Furniture and fixtures, excl metal		59.1	65.8	81.0	86.2	c/d/								
341 Paper and products		206.3	227.5	228.5	229.0		58.1	71.8	60.5	70.8	28.3	30.9	60.6	48.9
3411 Pulp, paper and paperboard articles														
3412 Containers of paper and paperboard														
3419 Other pulp, paper and paperboard articles														
342 Printing and publishing		159.9	200.6	213.7	240.3		75.1	89.5	105.4	111.2	47.0	46.3	57.9	53.6
351 Industrial chemicals	b/	1295.5	1363.0	1581.0	1436.8	b/	449.5	462.5	671.0	523.4	34.7	36.4	19.1	20.0
3511 Basic chemicals excl fertilizers														
3512 Fertilizers and pesticides		1295.5	1363.0	1581.0	1436.8		449.5	462.5	671.0	523.4	34.7	36.4	19.1	20.0
3513 Synthetic resins and plastic materials														
352 Other chemicals		119.4	246.0	288.7	286.4		39.9	99.3	95.2	95.5	33.4	33.3	47.6	49.6
3521 Paints, varnishes and lacquers		119.4	137.0	148.8	143.4		39.9	48.6	43.0	41.6	33.4	29.0	47.6	54.1
3522 Drugs and medicines			23.9	18.8	16.4			13.2	4.6	2.9		17.9		
3523 Soap, cleaning prods., perfumes, cosmetics			12.3	18.2	22.2			4.1	6.0	5.8		26.0		69.5
3529 Other chemical products			72.8	102.9	104.4			33.4	41.6	45.1		43.2		38.1
353 Petroleum refineries	e/	2338.9	3013.1	2366.5	2561.7	e/	158.3	552.1	372.3	385.5	6.8	15.1		77.0

354 Misc. petroleum and coal products	e/	e/
355 Rubber products	b/	98.2	83.9	90.7	57.9	b/	49.8	35.8	37.4	25.0	60.7	43.2	48.9	79.8	
3551 Tyres and tubes		98.2	83.9	90.7	57.9		49.8	35.8	37.4	25.0	60.7	43.2	48.9	79.8	
3559 Other rubber products		...	...	...	...		...	...	...	...	...	...	...	...
356 Plastic products		31.5	33.8	45.2	38.1		14.2	19.4	18.5	16.8	45.1	44.1	43.6	39.3	
361 Pottery, china, earthenware		...	...	...	...		...	...	...	...	...	...	...	...
362 Glass and products		71.3	75.6	89.2	84.5		40.7	40.6	51.7	47.1	57.0	55.7	50.2	53.7	
369 Other non-metallic mineral products		194.1	194.7	234.2	251.6		109.1	98.6	98.7	118.1	55.2	46.9	35.2	37.1	
3691 Structural clay products		31.4	25.3	31.0	31.8		20.6	10.5	12.5	11.0	55.6	34.7	37.6	52.7	
3692 Cement, lime and plaster		120.0	122.6	135.2	148.1		69.6	69.3	67.8	83.7	58.0	56.5	30.3	30.7	
3699 Other non-metallic mineral products		42.7	46.8	68.1	71.8		19.0	18.8	15.3	23.3	44.4	32.5	60.7	53.0	
371 Iron and steel		931.0	719.1	790.4	920.8		219.0	158.1	136.9	155.5	23.5	18.0	37.8	50.4	
372 Non-ferrous metals		-	-	-	-		-	-	-	-	...	...	...	...
381 Fabricated metal products		132.5	150.1	183.1	186.9		49.0	57.5	62.6	60.5	37.0	32.4	51.8	53.3	
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal		11.4	17.1	24.8	25.1		4.5	6.0	10.3	10.5	39.5	41.9	71.6	40.5	
3813 Structural metal products		...	...	...	...		...	...	...	...	...	...	...	...
3819 Other fabricated metal products		121.1	133.0	158.3	161.8		44.5	51.4	52.2	50.1	35.8	31.0	50.8	55.0	
382 Non-electrical machinery		...	0.8	2.0	2.0		...	0.2	0.7	0.7	...	33.1	...	45.0	
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		...	0.8	2.0	2.0		...	0.2	0.7	0.7	...	33.1	...	45.0	
3829 Other non-electrical machinery & equipment		...	...	...	...		...	...	...	...	...	...	...	...
383 Electrical machinery		83.3	239.2	302.1	289.1		32.7	65.4	76.9	52.0	39.3	21.5	48.4	59.2	
3831 Electrical industrial machinery		...	...	...	...		...	...	...	...	...	...	...	...
3832 Rad.c., television and communication equip.		...	33.7	55.5	51.5		...	13.8	20.1	14.6	...	28.3	...	32.4	
3833 Electrical appliances and housewares		83.3	100.0	112.1	108.9		32.7	37.5	37.6	28.9	39.3	25.6	48.4	74.0	
3839 Other electrical apparatus and supplies		...	105.5	134.6	128.7		...	14.2	19.2	18.5	...	14.4	...	90.7	
384 Transport equipment		99.3	89.1	129.3	181.1		34.5	28.8	44.6	52.4	34.7	34.5	42.9	29.1	
3841 Shipbuilding and repairing		18.7	18.2	20.1	20.6		1.6	2.2	3.3	0.9	8.7	4.5	51.5	...	
3842 Railroad equipment		...	...	...	...		...	...	...	...	...	...	...	...
3843 Motor vehicles		80.7	70.8	109.2	160.4		32.8	25.6	41.2	51.5	40.7	38.3	42.0	25.7	
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		179.3	209.7	249.3	251.3		65.4	100.1	100.1	109.2	35.5	43.5	48.3	54.3	
3901 Jewellery and related articles		34.9	36.3	42.3	33.0		9.6	9.1	18.0	12.9	27.5	39.2	34.4	75.4	
3902 Musical instruments		...	...	...	...		...	...	...	...	...	...	...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.		144.4	173.3	207.1	218.3		55.9	91.0	82.1	95.3	38.7	44.1	50.5	51.5	
3 Total manufacturing	f/g/	8787.1	9962.8	10273.5	10557.3	f/g/	2238.1	2901.7	3076.9	3045.6	25.5	28.8	48.5	44.6	

a/ 3132 includes 3133.
c/ 331 includes 332.
e/ 353 includes 354.
g/ Sum of available data.

b/ Relates only to data available at the detailed industry level.
d/ 3311 includes 3312, 3319 and 332.
f/ Including repair services for the general public

Trinidad and Tobago

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million DOLLARS)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products			80	84	83	81	83	82	85	88	82	
313 Beverages			92	94	109	94	117	128	124	114	108	
314 Tobacco			104	98	91	98	79	78	79	74	72	
321 Textiles			43	63	38	29	33	42	38	39	26	
322 Wearing apparel, except footwear		
323 Leather and fur products		
324 Footwear, except rubber or plastic		a/	57	73	106	60	64	61	60	36	26	
331 Wood products, except furniture			61	49	26	21	27	36	21	24	30	
332 Furniture and fixtures, excl. metal			27	28	24	5	3	2	2	1	1	
341 Paper and products			81	171	101	69	49	69	66	63	80	
342 Printing and publishing			91	85	73	70	68	65	72	78	80	
351 Industrial chemicals			238	280	271	321	332	337	350	330	338	
352 Other chemicals			69	86	83	79	81	79	78	76	64	
353 Petroleum refineries			42	41	45	41	38	38	35	40	37	
354 Misc. petroleum and coal products		
355 Rubber products		
356 Plastic products		a/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		
362 Glass and products		
369 Other non-metallic mineral products			107	108	110	106	94	94	107	111	108	
371 Iron and steel		
372 Non-ferrous metals		
381 Fabricated metal products			402	674	788	719	733	760	969	1188	1048	
382 Non-electrical machinery			63	47	48	39	32	40	63	63	61	
383 Electrical machinery			67	63	37	36	27	23	37	30	21	
384 Transport equipment		
385 Professional and scientific equipment		
390 Other manufacturing industries		a/	72	91	93	91	89	91	101	104	120	
3 Total manufacturing		

a/ 390 includes 323 and 356.

TUNISIA

Supplier of information:

Institut national de la statistique, Ministère du développement économique, Tunis.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

Data collected under the national classification system (NAP 50) have been reclassified by the national authorities to achieve the best possible correspondence with the current version of the ISIC

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

Number of establishments and employees relate to enterprises registered under the social security scheme. Other variables relate to all enterprises.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Wages and salaries, output, value added and gross fixed capital formation are derived from national accounts data.

Related national publications:

Tunisia

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DINARS)			
		1990	1991	1992	1993a/		1990	1991	1992	1993a/		1989	1990	1991	1992
311/2 Food Products					3121					41896		89.3	107.1	122.7	144.9
3111 Slaughtering, preparing & preserving meat					15					238		8.6	9.6	10.6	12.7
3112 Dairy products					27					2486		12.8	14.6	16.6	20.6
3113 Canning, preserving of fruits & vegetables					56					1843	b/	7.2	7.7	7.8	9.1
3114 Canning, preserving and processing of fish					34					2046	b/				
3115 Vegetable and animal oils and fats					971					15670		4.8	7.9	7.2	11.2
3116 Grain mill products					106					4298	c/	40.6	61.6	60.6	69.2
3117 Bakery products					1789					11852	c/				
3118 Sugar factories and refineries					3					1046	d/	8.6	8.6	10.0	11.3
3119 Cocoa, chocolate and sugar confectionery					29					873	d/				
3121 Other food products					46					1122	e/	6.9	7.6	10.1	11.0
3122 Prepared animal feeds					46					424	e/				
313 Beverages					51					3076		16.6	17.0	18.1	21.8
3131 Distilling, rectifying and blending spirits					6					98					
3132 Wine industries					16					929					
3133 Malt liquors and malt					1					868					
3134 Soft drinks and carbonated waters					28					1181					
314 Tobacco					2					2710		16.6	16.3	17.6	24.6
321 Textiles					525					19761		80.2	87.2	102.1	123.8
3211 Spinning, weaving and finishing textiles					190					9286	f/	66.7	67.1	64.0	78.6
3212 Made-up textile goods excl. wearing apparel					77					2388	f/				
3213 Knitting mills					138					2911		16.9	21.1	28.6	36.9
3214 Carpets and rugs					59					3304		8.6	9.0	9.6	8.3
3215 Cordage, rope and twine					7					347					
3219 Other textiles					54					1626					
322 Wearing apparel, except footwear					1609					77938		126.3	161.6	182.8	227.7
323 Leather and fur products					89					3080	g/	21.3	28.0	30.6	37.8
3231 Tanneries and leather finishing					29					860					
3232 Fur dressing and dyeing industries					2					54					
3233 Leather prods. excl. wearing apparel					58					2166					
324 Footwear, except rubber or plastic					312					6662	g/				
331 Wood products, except furniture					168					2184	h/	26.6	36.0	37.4	48.0
3311 Sawmills, planing and other wood mills					116					869					
3312 Wooden and cane containers					10					499					
3319 Other wood and cork products					43					826					
332 Furniture and fixtures, excl. metal					1463					8071	h/				
341 Paper and products					75					3710	i/	27.6	28.3	30.6	34.7
3411 Pulp, paper and paperboard articles					56					2890					
3412 Containers of paper and paperboard					13					762					
3419 Other pulp, paper and paperboard articles					6					68					
342 Printing and publishing					254					4669	i/				
351 Industrial chemicals					44					1276		38.9	37.2	41.6	43.6
3511 Basic chemicals excl. fertilizers					6					283		3.0	2.3	3.9	4.3
3512 Fertilizers and pesticides					9					298		38.9	34.9	37.6	39.2
3513 Synthetic resins and plastic materials					29					697					
352 Other chemicals					163					3894		21.6	26.4	27.7	33.4
3521 Paints, varnishes and lacquers					23					728	j/	18.7	22.4	23.1	28.3
3522 Drugs and medicines					19					660		2.9	4.0	4.6	6.1
3523 Soap, cleaning preparations, perfumes, cosmetics					117					1698	j/				
3529 Other chemical products					34					918	j/				
353 Petroleum refineries					16					1011	k/	27.6	28.0	31.4	33.6

354 Misc. petroleum and coal products	...	...	...	2	...	...	...	7	k/	...	...	...	...
355 Rubber products	...	...	...	93	...	...	...	2486		8.7	9.6	10.0	11.1
3551 Tyres and tubes	...	...	...	66	...	...	...	1312		...	...	...	...
3559 Other rubber products	...	...	...	27	...	...	...	1163		...	...	...	...
356 Plastic products	...	...	...	141	...	...	...	4400	m/	8.4	8.9	10.1	11.9
361 Pottery, china, earthenware	...	...	...	70	...	...	...	4647		24.6	30.0	32.3	39.6
362 Glass and products	...	...	...	33	...	...	...	970		4.5	4.8	5.4	5.8
369 Other non-metallic mineral products	...	...	...	340	...	...	...	15524		112.3	111.4	116.5	124.0
3691 Structural clay products	...	...	...	106	...	...	...	5043		...	...	...	...
3692 Cement, lime and plaster	...	...	...	20	...	...	...	4014		42.0	43.3	44.6	50.6
3699 Other non-metallic mineral products	...	...	...	214	...	...	...	6467		70.2	68.1	71.9	73.6
371 Iron and steel	...	...	...	4	...	...	...	37		27.1	28.7	30.9	38.4
372 Non-ferrous metals	...	...	...	105	...	...	...	6556	n/	40.4	39.6	61.3	53.7
381 Fabricated metal products	...	...	...	497	...	...	...	8961	n/	...	...	...	...
3811 Cutlery, hand tools and general hardware	...	...	...	127	...	...	...	2806		...	...	...	...
3812 Furniture and fixtures primarily of metal	...	...	...	21	...	...	...	530		...	...	...	...
3813 Structural metal products	...	...	...	136	...	...	...	1461		...	...	...	...
3819 Other fabricated metal products	...	...	...	214	...	...	...	4164		...	...	...	...
382 Non-electrical machinery	...	...	...	756	...	...	...	5988		9.7	9.9	10.5	11.1
3821 Engines and turbines	...	...	...	9	...	...	...	38		...	...	...	...
3822 Agricultural machinery and equipment	...	...	...	38	...	...	...	674		...	...	...	...
3823 Metal and wood working machinery	...	...	...	658	...	...	...	4110		...	...	...	...
3824 Other special industrial machinery	...	...	...	50	...	...	...	1166		...	...	...	...
3826 Office, computing and accounting machinery	...	...	...	-	...	...	...	-		...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	-	...	...	...	-		...	...	...	...
383 Electrical machinery	...	...	...	199	...	...	...	6476		38.9	42.1	44.4	60.3
3831 Electrical industrial machinery	...	...	...	60	...	...	...	1117	p/	19.8	21.9	22.7	26.0
3832 Radio, television and communication equipm.	...	...	...	24	...	...	...	1023	q/	14.1	14.6	16.4	18.2
3833 Electrical appliances and housewares	...	...	...	-	...	...	...	-		5.0	6.6	6.3	7.1
3839 Other electrical apparatus and supplies	...	...	...	115	...	...	...	4336	p/	...	...	...	...
384 Transport equipment	...	...	...	514	...	...	...	6653		23.8	26.0	26.7	31.4
3841 Shipbuilding and repairing	...	...	...	58	...	...	...	1376	r/	8.2	7.8	8.0	9.9
3842 Railroad equipment	...	...	...	1	...	...	...	367	r/	...	...	...	...
3843 Motor vehicles	...	...	...	422	...	...	...	4647	s/	15.6	17.2	16.7	21.6
3844 Motorcycles and bicycles	...	...	...	32	...	...	...	261	s/	...	...	...	...
3845 Aircraft	...	...	...	1	...	...	...	-	r/	...	...	...	...
3849 Other transport equipment	...	...	...	1	...	...	...	2	s/	...	...	...	...
385 Professional and scientific equipment	...	...	...	86	...	...	...	591		...	...	...	...
3851 Prof. and scientific equipment n.e.c.	...	...	...	61	...	...	...	370	q/	...	...	...	...
3852 Photographic and optical goods	...	...	...	10	...	...	...	173		...	...	...	...
3853 Watches and clocks	...	...	...	15	...	...	...	48		...	...	...	...
390 Other manufacturing industries	...	...	...	166	...	...	...	2784	t/	6.3	6.8	8.7	9.2
3901 Jewellery and related articles	...	...	...	51	...	...	...	423		...	...	...	...
3902 Musical instruments	...	...	...	8	...	...	...	154		...	...	...	...
3903 Sporting and athletic goods	...	...	...	29	...	...	...	740		...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	77	...	...	...	1467		...	...	...	...
3 Total manufacturing	...	...	...	10926	...	...	...	245266		794.9	887.7	989.2	1160.2

a/ Data derived from social security records.

c/ 3116 includes 3117.

e/ 3121 includes 3122.

g/ 323 includes 324.

t/ 341 includes 342.

k/ 353 includes 354.

n/ 372 includes 381.

q/ 3832 includes 3851.

s/ 3843 includes 3844 and 3849.

b/ 3113 includes 3114.

d/ 3118 includes 3119.

f/ 3211 includes 3212.

h/ 331 includes 332.

j/ 3521 includes 3523 and 3529.

m/ 356 includes 3513.

p/ 3831 includes 3839.

r/ 3641 includes 3842 and 3646.

t/ 390 includes 3216, 3852 and 3853.

Tunisia

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million DINARS)					(million DINARS)				(percentage)		(percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		1403.4	1663.4	1917.3	2307.5		220.8	278.2	328.4	361.8	15.7	15.7	40.4	40.1
3111 Slaughtering, preparing & preserving meat		384.1	409.0	465.9	536.7		27.5	41.7	60.0	62.3	7.2	11.6	31.2	20.4
3112 Dairy products		113.6	138.8	157.2	173.8		4.8	14.2	21.0	9.9	4.2	6.7		
3113 Canning, preserving of fruits & vegetables	a/	162.1	173.4	179.1	180.3	a/	30.1	31.7	32.8	33.0	18.6	18.3	24.0	27.6
3114 Canning, preserving and processing of fish	a/					a/								
3115 Vegetable and animal oils and fats		90.7	223.4	285.1	477.7		20.1	29.9	29.0	50.7	22.1	10.6	23.7	22.0
3116 Grain mill products	b/	372.4	410.3	459.8	524.0	b/	82.9	101.7	112.7	123.0	22.3	23.6	48.8	56.3
3117 Bakery products	b/					b/								
3118 Sugar factories and refineries	c/	92.3	101.0	114.4	127.9	c/	17.2	16.7	27.9	33.2	18.7	25.9	49.2	34.0
3119 Cocoa, chocolate and sugar confectionery	c/					c/								
3121 Other food products	d/	188.1	207.4	255.7	287.1	d/	38.1	40.3	43.1	49.8	20.3	17.3	16.2	22.1
3122 Prepared animal feeds	d/					d/								
313 Beverages		152.8	172.0	205.2	220.2		76.2	81.1	94.1	107.6	49.8	48.8	21.6	20.3
3131 Distilling, rectifying and blending spirits														
3132 Wine industries														
3133 Malt liquors and malt														
3134 Soft drinks and carbonated waters														
314 Tobacco		220.2	261.9	301.2	312.9		139.5	181.6	201.8	209.8	63.3	67.1	11.2	11.7
321 Textiles		530.4	604.0	665.9	762.7		164.6	171.9	187.1	233.3	29.1	30.6	51.9	53.0
3211 Spinning, weaving and finishing textiles	e/	378.7	412.0	450.6	526.0	e/	110.6	120.8	130.8	165.0	29.2	31.4	50.4	47.6
3212 Made-up textile goods excl. wearing apparel	e/					e/								
3213 Knitting mills		99.5	136.0	153.4	171.6		17.9	23.2	25.9	36.3	18.0	21.2	88.8	
3214 Carpets and rugs		52.2	56.1	61.8	65.1		26.1	27.9	30.4	31.9	60.0	49.1	32.7	26.1
3215 Cordage, rope and twine														
3219 Other textiles														
322 Wearing apparel, except footwear		824.6	1068.3	1230.4	1418.4		251.8	333.4	380.1	427.9	30.6	30.2	49.8	53.2
323 Leather and fur products	f/	181.6	218.4	262.7	300.0	f/	68.7	92.5	99.1	113.0	37.8	37.7	31.0	33.6
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather products excl. wearing apparel														
324 Footwear, except rubber or plastic	f/					f/								
331 Wood products, except furniture	g/	289.4	332.2	360.3	406.2	g/	118.5	133.9	147.2	169.7	40.9	41.8	22.4	28.3
3311 Sawmills, planing and other wood mills														
3312 Wooden and cane containers														
3319 Other wood and cork products														
332 Furniture and fixtures, excl. metal	g/					g/								
341 Paper and products	h/	213.6	247.9	284.5	305.8	h/	46.2	60.4	68.5	76.9	21.6	25.1	59.5	46.1
3411 Pulp, paper and paperboard articles														
3412 Containers of paper and paperboard														
3419 Other pulp, paper and paperboard articles														
342 Printing and publishing	h/					h/								
351 Industrial chemicals		1068.4	910.3	964.3	924.6		113.4	34.3	86.4	83.1	10.6	9.0	34.3	52.4
3511 Basic chemicals excl. fertilizers		63.8	64.4	54.9	56.2		18.8	19.4	16.0	16.6	29.4	29.5	15.8	26.1
3512 Fertilizers and pesticides		1004.5	846.0	909.4	868.4		94.6	14.8	70.4	66.5	9.4	7.7	37.9	58.9
3513 Synthetic resins and plastic materials														
352 Other chemicals		225.5	268.1	298.2	323.7		70.3	83.3	90.8	98.3	31.2	30.4	30.7	33.9
3521 Paints, varnishes and lacquers	i/	210.9	245.7	267.4	288.1	i/	64.2	74.2	78.8	84.5	30.6	29.3	29.0	33.6
3522 Drugs and medicines		14.6	22.4	30.8	35.6		6.0	9.2	11.9	13.8	41.3	38.8	48.0	36.7
3523 Soap, cleaning preps., perfumes, cosmetics	i/					i/								
3529 Other chemical products	i/					i/								
353 Petroleum refineries	j/	1194.2	1212.7	1302.4	1302.2	j/	776.4	765.6	820.4	857.4	66.0	66.8	3.5	3.9

354 Misc. petroleum and coal products	j/	...	...	...	...	j/	...	...	...	...	...	...	...	...
355 Rubber products		57.8	70.3	73.8	66.7		17.4	24.6	26.4	27.0	30.1	40.6	60.2	41.0
3551 Tyres and tubes		...	...	...	...		...	...	...	...	...	...	...	...
3559 Other rubber products		...	...	...	...		...	...	...	...	...	...	...	...
356 Plastic products	k/	123.8	124.7	132.2	142.0	k/	31.0	31.0	32.7	42.0	26.1	29.6	27.1	28.3
361 Pottery, china, earthenware		118.7	139.3	164.1	192.6		49.7	58.8	71.4	82.0	41.9	42.6	49.4	48.2
362 Glass and products		31.0	35.0	36.4	43.2		12.1	14.3	16.6	18.2	39.1	42.1	37.3	32.1
369 Other non-metallic mineral products		638.1	627.7	643.3	646.3		261.8	231.2	236.8	233.6	41.0	36.2	42.9	63.1
3691 Structural clay products		...	...	...	...		...	...	...	...	...	...	...	...
3692 Cement, lime and plaster		412.5	437.3	459.8	480.0		126.0	133.9	144.0	155.2	30.6	32.3	33.4	32.6
3699 Other non-metallic mineral products		225.6	190.5	183.5	165.2		135.8	97.3	92.8	76.4	60.2	47.4	61.7	93.7
371 Iron and steel		268.2	310.8	314.3	319.3		40.9	60.8	60.5	60.1	15.3	18.8	66.2	63.9
372 Non-ferrous metals	m/	274.4	316.7	324.1	366.7	m/	84.6	96.2	100.9	112.3	30.8	31.6	47.8	47.8
381 Fabricated metal products	m/	...	...	...	...	m/	...	...	...	...	...	...	...	...
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		76.2	78.6	88.1	89.6		11.8	11.6	12.3	12.6	16.4	14.1	82.4	87.9
3821 Engines and turbines		...	...	...	...		...	...	...	...	...	...	...	...
3822 Agricultural machinery and equipment		...	...	...	...		...	...	...	...	...	...	...	...
3823 Metal and wood working machinery		...	...	...	...		...	...	...	...	...	...	...	...
3824 Other special industrial machinery		...	...	...	...		...	...	...	...	...	...	...	...
3825 Office, computing and accounting machinery		...	...	...	...		...	...	...	...	...	...	...	...
3829 Other non-electrical machinery & equipment		...	...	...	...		...	...	...	...	...	...	...	...
383 Electrical machinery		290.6	346.9	413.7	477.3		74.1	88.8	105.2	120.0	25.6	25.1	62.6	41.9
3831 Electrical industrial machinery	n/	141.6	166.6	205.3	241.2	n/	46.9	64.6	66.9	78.6	33.1	32.6	42.2	31.8
3832 Radio, television and communication equipm.	p/	108.2	129.6	160.7	164.4	p/	17.4	22.0	24.4	26.0	16.1	16.2	81.0	72.7
3833 Electrical appliances and housewares		40.8	50.8	57.7	71.6		9.8	12.2	13.9	16.6	23.9	23.0	61.6	43.1
3839 Other electrical apparatus and supplies	n/	...	...	...	...	n/	...	...	...	...	...	...	...	...
384 Transport equipment		146.0	191.6	216.0	224.2		36.6	62.8	64.9	66.6	25.2	29.7	66.2	47.1
3841 Shipbuilding and repairing	q/	16.2	13.3	14.0	12.6	q/	6.4	5.4	5.8	6.1	39.7	40.4	...	...
3842 Railroad equipment	q/	...	...	...	...	q/	...	...	...	...	...	...	...	...
3843 Motor vehicles	r/	128.8	178.3	201.9	211.6	r/	30.1	47.4	59.1	61.5	23.3	29.1	51.7	36.0
3844 Motorcycles and bicycles	r/	...	...	...	...	r/	...	...	...	...	...	...	...	...
3845 Aircraft	q/	...	...	...	...	q/	...	...	...	...	...	...	...	...
3849 Other transport equipment	r/	...	...	...	...	r/	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		...	...	...	...		...	...	...	...	...	...	...	...
3851 Prof. and scientific equipment n.e.c.	p/	...	...	...	...	p/	...	...	...	...	...	...	...	...
3852 Photographic and optical goods		...	...	...	...		...	...	...	...	...	...	...	...
3853 Watches and clocks		...	...	...	...		...	...	...	...	...	...	...	...
390 Other manufacturing industries	s/	103.1	114.0	115.0	121.2	s/	26.7	27.4	27.6	33.1	26.0	27.3	24.7	27.9
3901 Jewellery and related articles		...	...	...	...		...	...	...	...	...	...	...	...
3902 Musical instruments		...	...	...	...		...	...	...	...	...	...	...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.		...	...	...	...		...	...	...	...	...	...	...	...
3 Total manufacturing		8431.1	9316.1	10313.4	11262.1		2661.9	2900.6	3266.0	3546.3	31.8	31.6	29.6	32.7

a/ 3113 includes 3114
c/ 3118 includes 3119
e/ 3211 includes 3212
g/ 331 includes 332
i/ 3521 includes 3523 and 3529
k/ 356 includes 3513
n/ 3831 includes 3839
q/ 3841 includes 3842 and 3845
s/ 390 includes 3215, 3852 and 3853

b/ 3116 includes 3117.
d/ 3121 includes 3122.
f/ 323 includes 324.
h/ 341 includes 342.
j/ 353 includes 354.
m/ 372 includes 381.
p/ 3832 includes 3861.
r/ 3843 includes 3844 and 3849.

Tunisia

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production											
	Note	(million DINARS)				Note	(1980=100)									
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		46.0	60.4	71.9	78.2	a/	125	132	133	143	144	147	150	157	157	
313 Beverages		9.7	8.9	17.4	18.5	a/	...	...	...	...	...	...	...	...	...
314 Tobacco		0.8	3.8	5.0	5.3	a/	...	...	...	...	...	...	...	...	...
321 Textiles		82.6	72.2	85.0	68.7		118	112	127	134	134	128	112	115	121	
322 Wearing apparel, except footwear		45.1	60.0	64.1	55.3		...	...	...	...	...	...	...	...	...
323 Leather and fur products	b/	5.8	8.0	11.0	12.1		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...		...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	9.1	11.7	14.6	17.4		...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal	c/	...	...	...	...		...	...	...	...	...	...	...	...	...
341 Paper and products	d/	12.3	15.4	18.9	21.9		131	137	135	140	129	152	153	158	158	
342 Printing and publishing	d/	...	...	...	...		...	...	...	...	...	...	...	...	...
351 Industrial chemicals		14.4	13.1	12.8	10.3	e/	117	136	143	163	172	177	180	181	183	
352 Other chemicals		12.2	18.2	17.1	20.2	e/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	f/	119.3	170.4	154.2	212.0		106	101	104	108	109	116	119	114	120	
354 Misc. petroleum and coal products	f/	...	...	...	...		...	...	...	...	...	...	...	...	...
355 Rubber products		2.1	3.0	5.9	5.0		...	...	...	...	...	...	...	...	...
356 Plastic products	g/	11.2	11.7	14.4	17.1		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		19.5	23.2	26.1	36.8		...	...	...	...	...	...	...	...	...
362 Glass and products		6.5	3.6	3.4	6.2		112	127	147	163	118	217	207	184	195	
369 Other non-metallic mineral products		52.7	56.8	74.4	74.8		129	127	132	138	145	151	150	153	158	
371 Iron and steel		10.3	10.3	14.4	11.7	h/	96	112	107	107	105	108	111	107	105	
372 Non-ferrous metals	i/	13.4	13.5	14.8	15.1	h/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	i/	...	...	...	...		126	116	104	110	116	119	117	104	101
382 Non-electrical machinery		21.7	22.8	9.6	7.1		81	68	39	38	32	36	44	28	36	
383 Electrical machinery		17.5	21.8	27.9	38.9		127	107	113	134	149	184	188	188	199	
384 Transport equipment		8.4	10.9	13.0	9.5		155	76	60	52	55	72	73	55	59	
385 Professional and scientific equipment		...	...	...	...		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	j/	5.9	7.2	8.1	9.5		...	...	...	...	...	...	...	...	...
3 Total manufacturing		527.5	624.9	684.0	749.5		...	...	...	...	...	...	...	...	...

a/ 311/2 includes 313 and 314
c/ 331 includes 332
e/ 351 includes 352
g/ 356 includes 3513
i/ 372 includes 381

b/ 323 includes 324.
d/ 341 includes 342.
f/ 353 includes 354.
h/ 371 includes 372.
j/ 390 includes 3215, 3852 and 3853.

TURKEY

Supplier of information:

State Institute of Statistics, Ankara.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual manufacturing survey.

Major deviations from current version of ISIC:

National classification scheme follows the current version of the ISIC.

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

All manufacturing establishments in the public sector and manufacturing establishments with 25 or more persons engaged in the private sector. These establishments cover approximately 85 per cent of output.

Method of Enumeration:

Complete enumeration.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Establishment is a work-place where single ownership or controlling status is established and generally where one type of economic activity occurs and which has the register and accounting sources necessary to fill in the questionnaires.

Number of employees is calculated as the average of the number of production workers and other employees in February, May, August and November. Apprentices are included. Homeworkers are excluded. Number of persons engaged relates to the number of employees plus the number of active owners, partners and unpaid family workers active in November.

Wages and salaries relates to gross payments made for work done, including bonuses, social security and pension fund premiums and payments in kind.

Output, calculated on a shipment basis, covers the value of goods and electricity produced, receipts for services rendered to others, fixed assets produced for own use, sales of goods purchased and resold without further processing, and of miscellaneous receipts. Valuation includes excise and production taxes and any charges for delivery performed by the establishment.

Value added is output less the costs of materials and supplies in production (adjusted for the net change in the value of their stocks), products bought and resold without further processing, and payments for industrial work done by others.

Gross fixed capital formation represents the value of acquisitions of new and used fixed assets (including produced for own use). Fixed assets are those with an expected productive life of one year or more. Costs of major repairs and other expenditures on fixed assets are included. Sales are not generally deducted.

Related national publications:

Turkey

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(billion LIRAS)			
		1988	1989	1990	1991		1988	1989	1990	1991a/		1988	1989	1990	1991
311/2 Food Products		864	908	855	822	127.7	133.5	129.2	124.0		414.6	944.6	1899.1	3811.9	
3111 Slaughtering, preparing & preserving meat		54	58	69	...	9.6	9.0	10.4	...		31.9	64.6	160.2	...	
3112 Dairy products		59	63	60	...	4.7	4.9	5.1	...		18.9	35.2	90.3	...	
3113 Canning, preserving of fruits & vegetables		77	83	80	...	13.3	14.8	15.8	...		33.2	64.4	139.1	...	
3114 Canning, preserving and processing of fish		15	14	10	...	1.5	1.7	1.4	...		4.2	7.1	11.7	...	
3115 Vegetable and animal oils and fats		78	88	79	...	12.3	13.5	13.0	...		67.2	119.8	249.3	...	
3116 Grain mill products		169	174	151	...	7.2	7.5	6.7	...		20.9	37.8	71.5	...	
3117 Bakery products		105	112	96	...	15.3	15.6	13.7	...		45.4	89.8	209.6	...	
3118 Sugar factories and refineries		23	26	26	...	25.2	26.1	26.0	...		92.8	247.4	489.0	...	
3119 Cocoa, chocolate and sugar confectionery		40	40	40	...	4.5	4.4	4.8	...		16.7	28.6	64.4	...	
3121 Other food products		142	146	143	...	28.7	30.2	26.8	...		76.1	207.2	346.6	...	
3122 Prepared animal feeds		96	104	101	...	5.5	5.9	5.6	...		20.4	42.7	88.6	...	
313 Beverages		77	79	75	75	13.4	14.0	13.9	16.0		55.4	123.4	265.1	602.6	
3131 Distilling, rectifying and blending spirits		10	10	10	...	3.1	3.2	3.1	...		10.0	28.3	58.8	...	
3132 Wine industries		14	15	14	...	0.7	0.7	0.7	...		2.5	5.2	10.6	...	
3133 Malt liquors and malt		9	9	9	...	3.2	3.3	3.4	...		15.6	38.4	92.9	...	
3134 Soft drinks and carbonated waters		44	45	42	...	6.4	6.8	6.7	...		27.4	61.6	102.9	...	
314 Tobacco		48	47	50	48	33.5	35.1	32.1	32.0		99.0	264.2	479.4	1102.2	
321 Textiles		724	741	744	734	193.8	197.9	198.0	172.0		732.6	1350.0	2318.7	4887.6	
3211 Spinning, weaving and finishing textiles		457	462	462	...	158.8	158.2	156.0	...		626.0	1132.8	1927.3	...	
3212 Made-up textile goods excl. wearing apparel		57	61	64	...	8.6	11.1	11.8	...		29.7	62.4	116.6	...	
3213 Knitting mills		156	168	169	180	15.7	17.8	18.9	19.0		46.6	97.3	163.6	337.7	
3214 Carpets and rugs		46	42	41	...	9.8	9.9	10.4	...		27.8	61.6	100.8	...	
3215 Cordage, rope and twine		3	3	3	...	0.2	0.2	0.2	...		0.6	0.9	1.7	...	
3219 Other textiles		5	5	5	...	0.8	0.8	0.7	...		2.8	6.1	9.0	...	
322 Wearing apparel, except footwear		577	669	704	699	61.4	71.4	74.3	69.0		155.0	323.0	593.0	1040.6	
323 Leather and fur products		62	65	72	57	3.8	4.8	5.1	4.0		10.1	23.7	45.4	53.2	
3231 Tanneries and leather finishing		47	48	55	...	2.5	3.1	3.4	...		8.2	19.0	36.7	...	
3232 Fur dressing and dyeing industries		2	...	2	...	0.1	...	0.1	...		0.3	0.4	0.8	...	
3233 Leather prod. excl. wearing apparel		13	17	15	...	1.2	1.6	1.6	...		1.7	4.3	7.9	...	
324 Footwear, except rubber or plastic		40	46	52	46	5.5	5.5	6.1	6.0		23.0	39.5	84.2	163.6	
331 Wood products, except furniture		118	123	120	115	13.7	13.7	13.6	12.0		41.1	84.3	162.2	336.6	
3311 Sawmills, planing and other wood mills		109	110	114	...	13.3	13.2	13.4	...		40.4	82.6	160.3	...	
3312 Wooden and cane containers		4	4	2	...	0.2	0.2	0.1	...		0.1	0.3	0.4	...	
3319 Other wood and cork products		5	9	4	...	0.3	0.4	0.2	...		0.6	1.4	1.4	...	
332 Furniture and fixtures, excl. metal		58	48	47	48	5.0	4.6	4.3	4.0		14.0	26.3	44.3	85.6	
341 Paper and products		95	90	97	92	21.1	20.7	21.6	21.0		84.5	220.4	439.8	823.7	
3411 Pulp, paper and paperboard articles		25	23	22	23	13.2	13.4	13.3	13.0		62.2	164.2	309.1	567.6	
3412 Containers of paper and paperboard		53	49	54	...	6.2	5.9	6.3	...		24.3	53.2	101.1	...	
3419 Other pulp, paper and paperboard articles		17	18	21	...	1.7	1.3	2.0	...		8.0	13.0	29.7	...	
342 Printing and publishing		120	122	120	113	13.5	13.1	13.6	12.0		72.0	160.0	260.0	468.1	
351 Industrial chemicals		76	75	72	67	30.4	31.6	31.2	29.0		166.7	393.8	657.2	1570.2	
3511 Basic chemicals excl. fertilizers		38	40	37	34	7.2	8.6	7.6	6.0		36.6	98.7	166.2	274.4	
3512 Fertilizers and pesticides		19	16	19	18	9.3	3.7	9.6	9.0		66.1	94.9	265.1	472.3	
3513 Synthetic resins and plastic materials		19	20	16	15	14.0	14.4	14.1	14.0		64.1	200.2	425.8	823.6	
352 Other chemicals		173	167	174	170	26.2	26.9	27.5	26.0		165.8	403.6	765.9	1480.6	
3521 Paints, varnishes and lacquers		33	32	38	35	4.0	3.9	4.3	4.0		24.6	46.5	89.9	300.2	
3522 Drugs and medicines		56	59	54	53	11.7	12.5	12.6	12.0		93.4	203.2	377.0	703.7	
3523 Soap, cleaning preps, perfumes, cosmetics		41	40	36	35	5.6	6.2	5.8	6.0		39.9	99.0	164.6	243.7	
3529 Other chemical products		43	36	46	47	5.0	4.2	5.0	5.0		27.8	65.9	114.4	232.8	
353 Petroleum refineries		5	5	5	5	5.0	4.9	5.0	5.0		33.0	106.6	186.3	418.3	

354 Misc petroleum and coal products	25	25	26	27	4.2	4.5	4.9	5.0	30.0	62.0	163.0	307.4
355 Rubber products	99	96	96	86	13.6	13.0	12.9	11.0	77.0	163.1	326.6	612.9
3551 Tyres and tubes	4	5	7	7	4.6	4.1	4.5	4.5	46.7	99.6	224.2	
3559 Other rubber products	95	91	89	79	9.0	8.9	7.9		31.3	63.7	101.2	
356- Plastic products	160	161	175	170	12.7	13.1	15.1	14.0	46.6	100.0	208.4	372.7
361 Pottery, china, earthenware	29	27	29	25	13.3	10.4	13.2	11.0	51.0	95.2	226.0	388.2
362 Glass and products	38	35	35	39	14.6	15.2	15.1	13.0	87.0	216.9	403.6	710.0
369 Other non-metallic mineral products	430	456	419	416	50.6	53.0	45.7	42.0	204.4	390.6	857.7	1332.9
3691 Structural clay products	278	296	281	241	21.3	24.1	17.6		46.6	103.7	137.6	
3692 Cement, lime and plaster	81	66	65	66	16.3	18.7	18.6		112.6	208.6	668.6	
3699 Other non-metallic mineral products	87	91	93	89	11.2	10.3	9.6		44.8	77.1	151.1	
371 Iron and steel	220	204	185	176	62.5	61.6	62.3	58.0	355.0	818.0	1644.1	3766.1
372 Non-ferrous metals	96	92	81	83	21.6	21.6	20.1	16.0	98.0	236.3	367.6	716.8
381 Fabricated metal products	379	369	389	366	41.0	37.7	40.4	37.0	169.3	310.3	669.8	1110.6
3811 Cutlery, hand tools and general hardware	102	98	100	98	11.4	9.3	12.0		40.6	67.3	138.4	
3812 Furniture and fixtures primarily of metal	36	35	36	32	2.1	2.3	2.0		6.4	11.4	18.1	
3813 Structural metal products	81	82	82	83	7.6	7.1	7.9	7.0	31.2	57.8	111.7	218.9
3819 Other fabricated metal products	160	155	161	144	20.0	19.3	20.4		91.9	173.6	321.6	
382 Non-electrical machinery	349	333	326	299	54.1	50.9	51.3	45.0	272.1	489.3	913.2	1760.9
3821 Engines and turbines	6	6	6	5	2.3	2.1	1.9	2.0	9.1	23.3	39.3	76.4
3822 Agricultural machinery and equipment	53	48	48	44	10.3	8.9	9.2	9.0	47.3	89.7	179.6	307.7
3823 Metal and wood working machinery	38	37	46	34	4.2	3.7	3.9	3.0	16.7	32.3	66.6	113.6
3824 Other special industrial machinery	84	77	70	66	9.2	7.9	7.7	7.0	34.9	66.6	118.4	228.6
3825 Office, computing and accounting machinery	7	6	6	6	0.4	0.4	0.4		1.6	3.1	7.1	12.4
3829 Other non-electrical machinery & equipment	161	159	161	144	27.8	28.0	28.3	26.0	147.7	284.3	603.3	1026.4
383 Electrical machinery	257	240	252	236	42.6	40.4	46.1	44.0	232.2	422.6	911.3	1844.0
3831 Electrical industrial machinery	76	70	72	66	10.6	10.4	12.4	10.0	65.7	109.7	237.6	412.4
3832 Radio, television and communication equipm	49	49	51	53	16.4	16.6	18.1	18.0	103.3	180.8	407.8	901.3
3833 Electrical appliances and housewares	31	31	36	35	2.4	2.4	2.9	3.0	8.7	16.7	35.1	68.2
3839 Other electrical apparatus and supplies	102	90	93	86	13.3	11.9	12.7	12.0	64.4	116.4	230.9	468.0
384 Transport equipment	214	209	209	216	59.6	58.0	63.3	64.0	304.7	697.7	1377.4	2791.4
3841 Shipbuilding and repairing	14	19	19	19	6.0	6.4	7.6	8.0	24.6	62.0	124.1	264.6
3842 Railroad equipment	4	4	4	4	9.8	9.3	8.7	8.0	42.1	70.0	154.6	337.4
3843 Motor vehicles	188	178	179	184	41.9	40.3	46.7	47.0	217.1	415.8	1003.1	2012.0
3844 Motorcycles and bicycles	6	6	5	6	1.3	0.9	0.9		6.6	7.9	17.4	
3845 Aircraft	2	2	2	2	1.6	2.1	2.3		14.8	38.3	78.2	
3849 Other transport equipment	2	1	2	2								
385 Professional and scientific equipment	36	37	38	44	3.8	4.1	4.5	5.0	17.0	36.0	74.0	151.8
3851 Prof and scientific equipment n e c	17	15	15	19	2.6	2.8	3.0	3.0	13.1	27.6	66.6	136.5
3852 Photographic and optical goods	9	9	12	13	0.6	0.4	0.6		1.3	2.6	6.6	20.2
3853 Watches and clocks	2	2			0.1	0.1	0.2		0.2	0.2		
390 Other manufacturing industries	59	60	60	55	4.6	4.8	4.7	4.0	14.9	29.2	64.1	90.4
3901 Jewellery and related articles	9	8	9	8	0.7	0.6	0.7	1.0	1.2	1.6	3.8	6.9
3902 Musical instruments	2	2	1	1	0.1	0.1	0.1		0.1	0.1	0.1	
3903 Sporting and athletic goods	48	50	50	46	3.8	4.2	4.0		13.6	27.5	60.2	
3909 Manufacturing industries, n e c												
3 Total manufacturing	5417	5529	5508	5330	953.0	965.0	975.2	901.0	4062.5	6430.4	16426.3	32747.1

b/ Including data not shown at the detailed industry level

a/ Number of persons engaged

Turkey

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(billion LIRAS)					(billion LIRAS)				(percentage)		(percentage)	
		1988	1989	1990	1991		1988	1989	1990	1991	1988	1991	1988	1991
311/2 Food Products		8163.1	14930.1	23187.9	41861.9	2209.1	4246.0	6628.6	13721.7	27.1	32.8	18.6	27.8	
3111 Slaughtering, preparing & preserving meat		547.8	984.6	1931.9		93.0	201.7	457.6		17.0		34.3		
3112 Dairy products		287.0	572.2	1017.6		103.1	189.6	311.6		36.9		16.3		
3113 Canning, preserving of fruits & vegetables		774.0	1417.0	2242.0		262.6	477.9	770.2		32.6		12.0		
3114 Canning, preserving and processing of fish		143.6	122.1	169.3		30.8	46.0	63.6		21.4		13.6		
3115 Vegetable and animal oils and fats		1516.8	2915.7	3996.1		432.6	842.1	1321.6		28.6		13.2		
3116 Grain mill products		727.6	1377.1	1841.0		111.1	230.1	254.2		15.3		18.6		
3117 Bakery products		669.7	1349.5	2040.8		178.1	448.2	726.2		26.6		26.6		
3118 Sugar factories and refineries		1100.0	1979.5	3871.6		369.0	682.7	1227.6		33.6		26.1		
3119 Cocoa, chocolate and sugar confectionery		227.6	364.8	635.3		91.8	116.4	206.4		40.3		18.2		
3121 Other food products		1500.0	2658.6	3829.8		434.6	836.3	1034.4		29.0		17.6		
3122 Prepared animal feeds		669.0	1612.1	1612.7		112.6	178.1	267.4		16.8		18.2		
313 Beverages		1140.7	2189.7	3833.5	7691.2	706.4	1323.7	2330.0	4698.2	61.8	61.1	7.9	12.8	
3131 Distilling, rectifying and blending spirits		438.0	918.2	1343.0		339.7	729.8	1039.7		77.6		2.9		
3132 Wine industries		35.2	58.5	95.0		16.8	27.6	33.2		47.7		16.1		
3133 Malt liquors and malt		289.7	610.1	982.8		187.0	321.1	643.6		64.6		8.3		
3134 Soft drinks and carbonated waters		377.8	702.9	1412.7		161.9	246.6	613.6		42.9		16.9		
314 Tobacco		2105.0	3426.9	5516.6	10927.6	1407.0	1821.6	3048.1	6327.0	66.8	57.9	7.0	17.4	
321 Textiles		7985.6	13683.7	20594.0	32743.4	3024.8	4921.8	8404.4	14126.4	37.9	43.1	24.2	34.6	
3211 Spinning, weaving and finishing textiles		6484.0	11206.8	16429.5		2606.7	4079.3	6723.0		36.7		24.9		
3212 Made-up textile goods excl wearing apparel		386.7	696.4	1260.0		124.0	219.1	513.6		32.1		23.9		
3213 Knitting mills		750.1	1232.3	2078.1	3824.4	260.2	416.6	753.8	1363.2	34.7	36.6	17.9	24.6	
3214 Carpets and rugs		323.3	476.8	736.6		116.2	181.8	382.7		36.6		24.2		
3215 Cordage, rope and twine		4.4	7.0	9.6		1.2	2.7	3.3		27.3		43.2		
3219 Other textiles		37.1	64.4	81.4		17.6	23.3	28.1		47.2		16.3		
322 Wearing apparel, except footwear		2563.0	4876.0	7866.0	13218.4	771.0	1434.0	2471.0	4313.3	30.1	32.6	20.1	24.1	
323 Leather and fur products		186.2	419.5	566.8	709.6	43.9	138.6	166.6	221.6	23.6	31.2	23.1	24.0	
3231 Tanneries and leather finishing		141.9	297.8	409.2		31.7	101.2	106.2		22.3		26.9		
3232 Fur dressing and dyeing industries		3.8	8.2	14.8		0.8	1.5	3.4		21.1		31.3		
3233 Leather products excl wearing apparel		40.6	113.5	143.0		11.4	36.9	47.0		28.1		14.6		
324 Footwear, except rubber or plastic		149.0	284.0	562.3	1011.6	61.0	103.3	179.8	306.6	34.2	39.2	46.1	41.2	
331 Wood products, except furniture		626.6	926.0	1661.9	2440.3	192.6	300.6	488.9	754.9	30.8	30.9	21.4	44.6	
3311 Sawmills, planing and other wood mills		616.9	909.1	1546.6		189.6	294.8	483.0		30.7		21.3		
3312 Wooden and cane containers		3.3	5.3	3.0		0.8	1.7	1.0		24.2		17.0		
3319 Other wood and cork products		5.3	10.6	12.3		2.2	4.1	4.9		41.6		26.6		
332 Furniture and fixtures, excl metal		182.0	291.1	601.8	766.4	86.0	120.6	211.0	372.9	46.7	49.3	16.6	23.0	
341 Paper and products		1296.8	2348.4	3622.4	6342.6	483.7	801.0	1469.0	2321.6	37.3	43.6	17.6	36.6	
3411 Pulp, paper and paperboard articles		654.1	1486.1	1923.5	3071.6	284.3	600.6	816.6	1466.9	38.9	47.8	20.6	40.1	
3412 Containers of paper and paperboard		468.2	727.2	1148.5		170.6	246.8	466.4		36.4		14.3		
3419 Other pulp, paper and paperboard articles		173.6	156.1	460.4		58.9	53.6	187.0		33.9		13.6		
342 Printing and publishing		763.0	1187.0	2232.0	3968.6	323.0	486.0	1133.0	1804.2	42.9	46.6	22.3	26.4	
351 Industrial chemicals		5403.7	7244.1	9766.8	14694.2	2337.6	2714.6	3966.7	6616.0	43.3	17.6	8.0	28.6	
3511 Basic chemicals excl fertilizers		500.8	1046.7	1168.7	1661.6	200.7	346.8	601.8	811.9	40.1	49.2	16.2	33.8	
3512 Fertilizers and pesticides		1667.7	2197.1	3581.6	6082.3	641.2	614.2	1076.9	2387.2	32.6	39.2	10.4	19.8	
3513 Synthetic resins and plastic materials		3236.2	4001.3	5026.6	6960.4	1696.7	1764.6	2378.0	2316.9	49.3	33.3	6.9	36.6	
352 Other chemicals		2888.6	5887.9	8066.1	14648.7	1106.9	2280.9	3778.9	6733.8	38.3	46.0	16.8	22.0	
3521 Paints, varnishes and lacquers		562.1	987.7	1537.4	2426.0	166.3	241.1	611.3	769.2	27.6	31.3	16.8	39.6	
3522 Drugs and medicines		1246.1	2597.4	4081.3	7160.9	616.8	1080.6	1930.6	3760.1	41.4	62.6	16.1	18.7	
3523 Soap, cleaning preps, perfumes, cosmetics		711.6	1566.2	1977.5	3397.0	291.8	626.1	879.6	1460.9	41.0	42.7	13.7	16.8	
3529 Other chemical products		368.7	736.6	1069.9	1664.8	144.0	333.1	467.6	763.6	39.1	46.9	19.3	30.6	
353 Petroleum refineries		7499.0	13513.3	23676.1	34743.1	3100.0	6371.7	11806.2	19047.6	41.3	64.8	1.1	2.2	

Turkey

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(billion LIRAS)				Note	(1980=100)									
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products		203.0	335.0	646.0	1047.5		148	163	169	176	187	201	219	210	228	
313 Beverages		19.0	35.0	95.0	154.7		125	129	146	164	187	202	212	230	253	
314 Tobacco		30.0	13.0	52.0	60.7		151	141	132	138	146	146	174	167	172	
321 Textiles		716.0	1126.0	1866.0	1917.5		167	189	205	210	216	221	202	211	209	
322 Wearing apparel, except footwear		425.0	120.0	173.0	339.0		113	135	147	144	120	123	118	110	100	
323 Leather and fur products		6.0	8.0	30.0	17.3		102	137	96	94	136	148	118	134	136	
324 Footwear, except rubber or plastic		2.0	7.0	11.0	15.9		159	173	203	128	162	160	166	161	182	
331 Wood products, except furniture		16.0	33.0	84.0	61.7		155	176	181	173	178	212	204	206	206	
332 Furniture and fixtures, excl. metal		11.0	12.0	15.0	28.7		366	376	431	436	428	480	409	418	520	
341 Paper and products		72.0	98.0	168.0	386.7		203	214	259	243	266	302	291	353	393	
342 Printing and publishing		41.0	92.0	176.0	470.7		239	232	241	223	194	237	216	179	231	
351 Industrial chemicals		157.0	301.0	531.0	509.7		225	283	343	329	328	341	325	331	333	
352 Other chemicals		101.0	172.0	396.0	804.8		126	134	143	139	174	184	204	203	222	
353 Petroleum refineries		30.0	60.0	104.0	320.9		146	152	175	180	171	179	176	161	198	
354 Misc. petroleum and coal products		9.0	115.0	106.0	320.1		130	141	166	165	204	195	187	196	199	
355 Rubber products		93.0	113.0	408.0	374.6		135	140	145	157	144	130	163	183	193	
356 Plastic products		41.0	71.0	137.0	274.9		96	108	122	112	127	143	160	166	172	
361 Pottery, china, earthenware		77.0	69.0	255.0	393.8		97	113	134	156	167	175	192	223	233	
362 Glass and products		71.0	180.0	596.0	928.2		271	286	334	366	386	460	432	606	610	
369 Other non-metallic mineral products		301.0	480.0	455.0	890.3		92	110	120	121	125	121	130	136	150	
371 Iron and steel		823.0	1449.0	3304.0	696.3		171	213	249	259	251	295	279	302	344	
372 Non-ferrous metals		112.0	139.0	203.0	167.0		230	240	233	196	237	268	221	217	246	
381 Fabricated metal products		145.0	192.0	212.0	347.5		181	204	234	245	254	272	281	253	273	
382 Non-electrical machinery		114.0	232.0	274.0	601.6		173	174	212	192	186	228	254	252	324	
383 Electrical machinery		179.0	178.0	567.0	867.0		217	256	254	206	220	328	396	366	400	
384 Transport equipment		238.0	267.0	607.0	1836.4		252	257	272	274	261	362	382	521	646	
385 Professional and scientific equipment		11.0	15.0	41.0	21.4		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		5.0	12.0	23.0	20.6		...	...	...	...	...	...	...	...	...
3 Total manufacturing		4048.0	5924.0	11554.0	13896.4		173	193	212	211	216	242	246	259	284	

UGANDA

Supplier of information:

Ministry of Finance and Economic Planning, Statistics Department, Entebbe.

Basic source of data:

Census of Business Establishments, 1989.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Not reported.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Uganda

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(numbers)					(million SHILLINGS)			
		1986	1987	1988	1989		1986	1987	1988	1989		1986	1987	1988	1989
311/2 Food Products					627					27254					5837.2
3111 Slaughtering, preparing & preserving meat					13					8277					52.8
3112 Dairy products					4					516					472.4
3113 Canning, preserving of fruits & vegetables					1					151					9.3
3114 Canning, preserving and processing of fish					3					47					69.2
3115 Vegetable and animal oils and fats					18					445					60.9
3116 Grain mill products					242					2621					438.5
3117 Bakery products					42					674					153.1
3118 Sugar factories and refineries					39					3288					1439.4
3119 Cocoa, chocolate and sugar confectionery					3					64					17.2
3121 Other food products					251					12944					3063.2
3122 Prepared animal feeds					11					249					61.3
313 Beverages					10					2080					1553.3
3131 Distilling, rectifying and blending spirits					1					97					50.3
3132 Wine industries					2					28					4.2
3133 Malt liquors and malt					4					1299					957.6
3134 Soft drinks and carbonated waters					3					656					530.1
314 Tobacco					1					719					587.1
321 Textiles					103					9867					2661.8
3211 Spinning, weaving and finishing textiles					83					5209					992.7
3212 Made-up textile goods excl wearing apparel					10					3689					1329.1
3213 Knitting mills					2					20					7.6
3214 Carpets and rugs					-					-					-
3215 Cordage, rope and twine					2					850					310.2
3219 Other textiles					6					99					22.2
322 Wearing apparel, except footwear					30					1006					263.9
323 Leather and fur products					3					136					38.0
3231 Tanneries and leather finishing					1					117					30.7
3232 Fur dressing and dyeing industries					-					-					-
3233 Leather prods excl wearing apparel					2					19					5.3
324 Footwear, except rubber or plastic					17					434					299.1
331 Wood products, except furniture					7					75					21.3
3311 Sawmills, planing and other wood mills					5					43					15.6
3312 Wooden and cane containers					2					32					4.8
3319 Other wood and cork products					-					-					-
332 Furniture and fixtures, excl metal					268					3578					822.3
341 Paper and products					12					570					170.6
3411 Pulp, paper and paperboard articles					7					453					138.2
3412 Containers of paper and paperboard					-					-					-
3419 Other pulp, paper and paperboard articles					5					117					32.4
342 Printing and publishing					54					1646					482.0
351 Industrial chemicals					1					30					21.1
3511 Basic chemicals excl fertilizers					1					30					21.1
3512 Fertilizers and pesticides					-					-					-
3513 Synthetic resins and plastic materials					-					-					-
352 Other chemicals					28					1122					853.7
3521 Paints, varnishes and lacquers					-					-					-
3522 Drugs and medicines					12					227					60.1
3523 Soap, cleaning preps, perfumes, cosmetics					12					832					762.8
3529 Other chemical products					4					63					30.9
353 Petroleum refineries					-					-					-

354	Misc. petroleum and coal products	-	-	-	-
355	Rubber products	4	143	37.1	
3551	Tyres and tubes	3	133	36.6	
3559	Other rubber products	1	10	0.6	
356	Plastic products	-	-	-	
361	Pottery, china, earthenware	3	85	22.3	
362	Glass and products	-	-	-	
369	Other non-metallic mineral products	57	2630	709.9	
3691	Structural clay products	45	1416	289.9	
3692	Cement, lime and plaster	8	1112	381.1	
3699	Other non-metallic mineral products	4	102	38.9	
371	Iron and steel	30	761	176.7	
372	Non-ferrous metals	2	21	9.0	
381	Fabricated metal products	118	2285	787.7	
3811	Cutlery, hand tools and general hardware	39	1311	336.7	
3812	Furniture and fixtures primarily of metal	-	-	-	
3813	Structural metal products	79	954	451.0	
3819	Other fabricated metal products	-	-	-	
382	Non-electrical machinery	22	1773	134.0	
3821	Engines and turbines	1	13	3.0	
3822	Agricultural machinery and equipment	3	1475	64.7	
3823	Metal and wood working machinery	4	101	25.1	
3824	Other special industrial machinery	11	131	26.6	
3825	Office, computing and accounting machinery	-	-	-	
3829	Other non-electrical machinery & equipment	3	53	13.6	
383	Electrical machinery	11	277	201.3	
3831	Electrical industrial machinery	6	46	16.7	
3832	Radio, television and communication equipm.	3	101	66.0	
3833	Electrical appliances and housewares	-	-	-	
3839	Other electrical apparatus and supplies	2	130	112.6	
384	Transport equipment	4	54	13.2	
3841	Shipbuilding and repairing	-	-	-	
3842	Railroad equipment	-	-	-	
3843	Motor vehicles	4	54	13.2	
3844	Motorcycles and bicycles	-	-	-	
3845	Aircraft	-	-	-	
3849	Other transport equipment	-	-	-	
385	Professional and scientific equipment	-	-	-	
3851	Prof. and scientific equipment n.e.c.	-	-	-	
3852	Photographic and optical goods	-	-	-	
3853	Watches and clocks	-	-	-	
390	Other manufacturing industries	1	5	0.5	
3901	Jewellery and related articles	-	-	-	
3902	Musical instruments	1	5	0.5	
3903	Sporting and athletic goods	-	-	-	
3909	Manufacturing industries, n.e.c.	-	-	-	
3	Total manufacturing	1413	66622	16701.1	

354 Misc. petroleum and coal products	...	...	...	-	...	...	...	-	...	...	...	...
355 Rubber products	...	...	...	151.1	...	...	...	75.1	...	49.7	...	49.3
3551 Tyres and tubes	...	...	...	142.4	...	...	...	74.0	...	52.0	...	49.3
3559 Other rubber products	...	...	...	8.8	...	...	...	1.1	...	13.0	...	62.0
356 Plastic products	...	...	...	-	...	...	...	-	...	...	...	...
361 Pottery, china, earthenware	...	...	...	51.9	...	...	...	7.4	...	14.2	...	...
362 Glass and products	...	...	...	-	...	...	...	-	...	...	...	...
369 Other non-metallic mineral products	...	...	...	2296.2	...	...	...	863.0	...	37.6	...	82.3
3691 Structural clay products	...	...	...	887.6	...	...	...	480.4	...	54.1	...	60.3
3692 Cement, lime and plaster	...	...	...	1225.0	...	...	...	320.9	...	26.2	...	...
3699 Other non-metallic mineral products	...	...	...	183.6	...	...	...	61.7	...	33.6	...	83.0
37: Iron and steel	...	...	...	2609.0	...	...	...	1044.5	...	40.0	...	18.9
372 Non-ferrous metals	...	...	...	28.7	...	...	...	9.8	...	34.3	...	91.7
381 Fabricated metal products	...	...	...	4568.3	...	...	...	1812.0	...	36.3	...	48.9
3811 Cutlery, hand tools and general hardware	...	...	...	2657.0	...	...	...	882.9	...	33.2	...	38.1
3812 Furniture and fixtures primarily of metal	...	...	...	-	...	...	...	-	...	...	...	...
3813 Structural metal products	...	...	...	1911.3	...	...	...	729.1	...	38.1	...	61.9
3819 Other fabricated metal products	...	...	...	-	...	...	...	-	...	...	...	...
382 Non-electrical machinery	...	...	...	1063.3	...	...	...	251.6	...	23.7	...	53.3
3821 Engines and turbines	...	...	...	18.2	...	...	...	4.9	...	26.9	...	51.3
3822 Agricultural machinery and equipment	...	...	...	675.2	...	...	...	96.2	...	14.1	...	68.0
3823 Metal and wood working machinery	...	...	...	143.0	...	...	...	60.9	...	42.6	...	42.9
3824 Other special industrial machinery	...	...	...	154.1	...	...	...	49.9	...	32.4	...	53.2
3825 Office, computing and accounting machinery	...	...	...	-	...	...	...	-	...	...	...	...
3829 Other non-electrical machinery & equipment	...	...	...	72.9	...	...	...	40.7	...	55.8	...	33.4
383 Electrical machinery	...	...	...	2147.0	...	...	...	626.3	...	29.3	...	32.1
3831 Electrical industrial machinery	...	...	...	58.6	...	...	...	28.5	...	48.6	...	58.6
3832 Radio, television and communication equipm.	...	...	...	1343.3	...	...	...	185.8	...	13.8	...	36.6
3833 Electrical appliances and housewares	...	...	...	-	...	...	...	-	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	739.0	...	...	...	412.0	...	56.7	...	28.8
384 Transport equipment	...	...	...	53.2	...	...	...	23.2	...	43.6	...	57.0
3841 Shipbuilding and repairing	...	...	...	-	...	...	...	-	...	...	...	...
3842 Railroad equipment	...	...	...	-	...	...	...	-	...	...	...	...
3843 Motor vehicles	...	...	...	53.2	...	...	...	23.2	...	43.6	...	57.0
3844 Motorcycles and bicycles	...	...	...	-	...	...	...	-	...	...	...	...
3845 Aircraft	...	...	...	-	...	...	...	-	...	...	...	...
3849 Other transport equipment	...	...	...	-	...	...	...	-	...	...	...	...
385 Professional and scientific equipment	...	...	...	-	...	...	...	-	...	...	...	...
3851 Prof. and scientific equipment n.e.c.	...	...	...	-	...	...	...	-	...	...	...	...
3852 Photographic and optical goods	...	...	...	-	...	...	...	-	...	...	...	...
3853 Watches and clocks	...	...	...	-	...	...	...	-	...	...	...	...
390 Other manufacturing industries	...	...	...	1.0	...	...	...	0.7	...	65.9	...	77.7
3901 Jewellery and related articles	...	...	...	-	...	...	...	-	...	...	...	...
3902 Musical instruments	...	...	...	1.0	...	...	...	0.7	...	65.9	...	77.7
3903 Sporting and athletic goods	...	...	...	-	...	...	...	-	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	-	...	...	...	-	...	...	...	...
3 Total manufacturing	...	...	...	148296.0	...	...	...	34591.3	...	23.3	...	45.4

Uganda

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million SHILLINGS)					(1980=100)								
		1986	1987	1988	1989		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		5604.8	a/	88	80	94	120	144	164	213	230	239
313 Beverages		1271.3	a/	199	193	236	328	337	364	413	364	401
314 Tobacco		500.2	a/	...	...	...	...	...	...	...	...	...
321 Textiles		2026.2		69	66	74	76	81	64	69	60	51
322 Wearing apparel, except footwear		101.6		35	31	20	76	85	97	112	100	78
323 Leather and fur products		57.0		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		-42.6		128	133	148	92	93	111	89	117	101
331 Wood products, except furniture		0.1		110	126	206	198	127	120	120	166	211
332 Furniture and fixtures, excl. metal		541.8		130	172	198	277	439	378	321	348	295
341 Paper and products		161.8	b/	152	93	133	232	316	420	519	560	690
342 Printing and publishing		2481.1	b/	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		123.6	c/	91	91	166	172	262	284	299	390	626
352 Other chemicals		666.6	c/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		-	
354 Misc. petroleum and coal products		-	
355 Rubber products		1558.8		...	...	...	...	...	...	...	...	...
356 Plastic products		-		176	189	209	121	219	224	390	639	907
361 Pottery, china, earthenware		6.9		...	...	...	...	...	...	...	...	...
362 Glass and products		-	
369 Other non-metallic mineral products		492.4		76	76	62	69	68	96	101	127	183
371 Iron and steel		234.7		171	136	129	112	127	138	192	246	333
372 Non-ferrous metals		0.7		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		1236.4		...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		731.2		...	...	...	...	...	...	...	...	...
383 Electrical machinery		858.3		119	109	143	144	204	168	117	172	606
384 Transport equipment		-		166	139	96	99	166	214	286	313	403
385 Professional and scientific equipment		-	
390 Other manufacturing industries		-		262	284	118	269	438	316	618	474	400
3 Total manufacturing		18513.9		...	...	...	...	...	...	...	...	...

a/ 313 includes 314.
c/ 351 includes 352.

b/ 341 includes 342.

UKRAINE

Supplier of information:

Ministry of Statistics of the Ukraine, Kiev.

Basic source of data:

Annual statistical reports of enterprises.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately to the current version of the ISIC.

Reference period (if not calendar year):

Scope:

All establishments.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Figures for wages and salaries are computed by UNIDO from reported wages and salaries per employee.

Related national publications:

Ukraine

ISIC Industry	Number of establishments (numbers)				Number of employees (thousands)				Wages and salaries paid to employees (million Roubles)				
	1990	1991	1992	1993	1990	1991	1992	1993	1990	1991	1992	1993	
	Note				Note				Note				
311-2 Food products, preparing & preserving meat	22126	22510	22878	23426		683	653	618	606	1928	4177	59606	1078393
3111 Slaughtering, preparing & preserving meat				5846				96					188001
3112 Dairy products				801				74					146902
3113 Canning, preserving of fruits & vegetables				996				63					107331
3114 Canning, preserving and processing of fish				16				2					4043
3115 Vegetable and animal oils and fats				1889				14					40387
3116 Grain mill products				7877				24					51182
3117 Bakery products				1415				112					218976
3118 Sugar factories and refineries				18				99					230860
3119 Cocoa, chocolate and sugar confectionery				204				39					86444
3121 Other food products				8				1					2066
3122 Prepared animal feeds				16				1					4212
313 Beverages	573	573	576	836		67	66	64	63	180	441	6181	91111
3131 Distilling, rectifying and blending spirits				332				20					44168
3132 Wine industries				310				16					31987
3133 Malt liquors and salt				306				10					14976
3134 Soft drinks and carbonated waters													
314 Tobacco	17	22	21	17		6	6	6	6	18	45	788	11941
321 Textiles	719	963	1017	734		263	216	226	201	726	1369	20277	640473
3211 Spinning, weaving and finishing textiles				485				176					348643
3212 Made-up textile goods excl. wearing apparel				36				16					28933
3213 Knitting mills				61									
3214 Carpets and rugs													
3215 Garbage, rope and twine				48				2					4227
3219 Other textiles								12					281660
322 - wearing apparel, except footwear	1985	3103	3260	1291		366	338	261	168	874	1688	16848	266860
323 Leather and fur products	44	129	147	77		33	31		13	97	190		284077
3231 Tanneries and leather finishing													
3232 Fur dressing and dyeing industries				26									
3233 Leather prods. excl. wearing apparel													
324 Footwear, except rubber or plastic	94	426	471	76		108	91	89	92	311	666	7340	166237
331 Wood products, except furniture	16614	16076	16389	14378		83	80	73	64	243	392	4621	103669
3311 Sawmills, planing and other wood mills				13076				27					44093
3312 Wooden and cane containers				881				8					10483
3319 Other wood and cork products				422				33					49043
332 Furniture and fixtures, excl. metal	228	613	669	342		133	127	121	112	401	716	9717	207464
341 Paper and products	76	169	192	92		29	29	28	26	86	170	2083	37896
3411 Pulp, paper and paperboard articles				22					20				30336
3412 Containers of paper and paperboard				66					3				3171
3419 Other pulp, paper and paperboard articles				14					3				4390
342 Printing and publishing	660	680	844	646			37	34	32		213	2199	62980
351 Industrial chemicals	87	128	120	130		191	189	166	162	614	1191	16916	303964
3511 Basic chemicals excl. fertilizers				102									
3512 Fertilizers and pesticides				17					66				117471
3513 Synthetic resins and plastic materials				11					27				40107
352 Other chemicals	153	389	471	163		69	56	63	49	194	360	4387	82276
3521 Paints, varnishes and lacquers				13					12				22610
3522 Drugs and medicines				47					16				29296
3523 Soap, cleaning preps., perfumes, cosmetics				21					4				8286
3529 Other chemical products													
353 Petroleum refineries	10	14	11	10		15	15	15	16	48	109	2104	33666

354 Misc. petroleum and coal products	828	832	803	729	50	49	49	48	179	348	7097	126971
355 Rubber products	35	130	189	38	46	45	45	43	150	293	4916	80468
3551 Tyres and tubes	...	...	...	13	...	...	...	20	...	...	...	38114
3559 Other rubber products	...	...	...	25	...	...	...	23	...	...	...	41364
356 Plastic products	89	559	821	75	21	21	28	17	62	116	2266	24323
361 Pottery, china, earthenware	31	65	66	36	25	25	25	24	69	180	2066	53633
362 Glass and products	50	104	140	66	40	46	67	61	132	261	6191	93844
369 Other non-metallic mineral products	3777	5115	5506	...	382	374	328	345	1164	2347	29921	660483
3691 Structural clay products	...	...	...	50	...	...	...	11	...	...	...	18148
3692 Cement, lime and plaster	...	...	...	14	...	...	...	16	...	...	...	43058
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	46	76	90	52	296	290	302	294	1090	2321	48616	837784
372 Non-ferrous metals	25	44	55	32	...	...	50	47	...	...	6180	116097
381 Fabricated metal products	15806	16949	18533	14572	561	544	489	427	...	3316	38115	1034717
3811 Cutlery, hand tools and general hardware	...	...	...	656	...	...	...	66	...	...	...	114209
3812 Furniture and fixtures primarily of metal	...	...	...	50	...	...	...	27	...	...	...	45746
3813 Structural metal products	...	...	...	313	...	...	...	26	...	...	...	60180
3819 Other fabricated metal products	...	...	...	13643	...	...	...	414	...	...	...	814683
382 Non-electrical machinery	641	1028	1171	637	701	718	627	618	...	4299	47311	1035877
3821 Engines and turbines	...	...	...	4	...	...	...	12	...	...	...	20614
3822 Agricultural machinery and equipment	...	...	...	114	...	...	...	181	...	...	...	268876
3823 Metal and wood working machinery	...	...	...	161	...	...	...	80	...	...	...	134287
3824 Other special industrial machinery	...	...	...	349	...	...	...	266	...	...	...	488130
3825 Office, computing and accounting machinery	...	...	...	24	...	...	...	36	...	...	...	47496
3829 Other non-electrical machinery & equipment	...	...	...	15	...	...	...	46	...	...	...	76694
383 Electrical machinery	151	323	457	187	224	233	233	217	712	1416	17279	333686
3831 Electrical industrial machinery	...	...	...	169	...	...	...	186	...	...	...	288247
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	18	...	...	...	32	...	...	...	45338
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	122	239	271	110	358	364	407	381	...	2392	36117	766286
3841 Shipbuilding and repairing	...	...	...	50	...	...	...	129	...	...	...	268072
3842 Railroad equipment	...	...	...	16	...	...	...	63	...	...	...	109447
3843 Motor vehicles	...	...	...	41	...	...	...	92	...	...	...	208966
3844 Motorcycles and bicycles	...	...	...	3	...	...	...	12	...	...	...	20697
3845 Aircraft	...	...	...	...	...	...	...	86	...	...	...	170214
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	111	238	249	110	220	216	224	157	...	1167	11752	211213
3851 Prof and scientific equipment n e c	...	...	...	91	...	...	...	107	...	...	...	150674
3852 Photographic and optical goods	...	...	...	19	...	...	...	50	...	...	...	50639
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	...	...	...	18	...	...	159	131	...	...	11349	221246
3901 Jewellery and related articles	...	...	...	8	...	...	...	8	...	...	...	19036
3902 Musical instruments	...	...	...	10	...	...	...	3	...	...	...	3626
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n e c	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	63976	71586	7207	63322	4950	4848	4786	4668	9276	30064	419261	8969076

Ukraine

ISIC Industry	Note	Output in factor values				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(billion ROUBLES)					(billion ROUBLES)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		33.4	80.0	857.1	35669.8									
3111 Slaughtering, preparing & preserving meat					7020.7									
3112 Dairy products					3906.3									
3113 Canning, preserving of fruits & vegetables					1574.1									
3114 Canning, preserving and processing of fish					56.1									
3115 Vegetable and animal oils and fats					2484.4									
3116 Grain mill products					3038.7									
3117 Bakery products					2451.4									
3118 Sugar factories and refineries					10130.0									
3119 Cocoa, chocolate and sugar confectionery					1771.6									
3121 Other food products					100.4									
3122 Prepared animal feeds					136.4									
313 Beverages		2.2	7.7	65.1	2470.6									
3131 Distilling, rectifying and blending spirits					1306.0									
3132 Wine industries					672.9									
3133 Malt liquors and malt														
3134 Soft drinks and carbonated waters					153.2									
314 Tobacco		0.8	1.6	23.2	320.2									
321 Textiles		9.0	22.6	233.5	5478.6									
3211 Spinning, weaving and finishing textiles					3703.7									
3212 Made-up textile goods excl. wearing apparel					236.7									
3213 Knitting mills					1200.7									
3214 Carpets and rugs														
3215 Cordage, rope and twine					51.1									
3219 Other textiles														
322 Wearing apparel, except footwear		6.3	12.6	97.1	2084.8									
323 Leather and fur products		0.6	1.2	19.5	101.2									
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather prods. excl. wearing apparel					101.2									
324 Footwear, except rubber or plastic		1.6	3.6	47.3	1437.4									
331 Wood products, except furniture		1.3	2.4	30.7	1044.6									
3311 Sawmills, planing and other wood mills					807.9									
3312 Wooden and cane containers					66.4									
3319 Other wood and cork products					170.4									
332 Furniture and fixtures, excl. metal		2.0	4.0	56.9	1898.9									
341 Paper and products		0.9	2.2	29.9	630.8									
3411 Pulp, paper and paperboard articles					712.2									
3412 Containers of paper and paperboard					46.0									
3419 Other pulp, paper and paperboard articles					72.6									
342 Printing and publishing		0.4	0.9	9.9	308.1									
351 Industrial chemicals		5.9	11.0	264.6	10172.9									
3511 Basic chemicals excl. fertilizers					6436.9									
3512 Fertilizers and pesticides					3012.6									
3513 Synthetic resins and plastic materials					723.4									
352 Other chemicals		2.3	5.5	58.5	1709.3									
3521 Paints, varnishes and lacquers					740.6									
3522 Drugs and medicines					468.8									
3523 Soap, cleaning prods., perfumes, cosmetics					184.4									
3529 Other chemical products														
353 Petroleum refineries		2.6	5.4	311.3	6771.7									

Ukraine

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production							
		(million ROUBLES)					(1980=100)							
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		406	799	17611	...	...	...	...	...	...	...	...	...	...
313 Beverages		47	92	2723	...	...	...	...	...	...	...	...	...	...
314 Tobacco		8	7	247	...	...	...	...	...	...	...	...	...	...
321 Textiles		178	196	2378	...	...	...	...	...	...	...	...	...	...
322 wearing apparel, except footwear		129	69	1664	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		7	28	2893	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		53	62	542	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		19	49	2993	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		41	39	1343	...	...	...	...	...	...	...	...	...	...
341 Paper and products		118	62	418	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		28	53	284	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		173	326	3039	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		54	74	1467	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		8	29	1142	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		34	55	2617	...	...	...	...	...	...	...	...	...	...
355 Rubber products		31	60	725	...	...	...	...	...	...	...	...	...	...
356 Plastic products		9	37	975	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		10	10	141	...	...	...	...	...	...	...	...	...	...
362 Glass and products		25	43	922	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		166	498	13333	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		196	300	7067	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		75	23	938	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		259	330	10298	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		559	508	8960	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		152	169	1608	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		376	211	2683	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		115	116	-15	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	
3 Total manufacturing		3275	4234	88886	...	...	...	...	...	...	...	...	...	...

UNITED KINGDOM

Supplier of information:

Department of Trade and Industry, London.

Industrial statistics for the OECD countries are compiled by the OECD secretariat, which supplies them to UNIDO. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Annual census of production.

Major deviations from current version of ISIC:

None reported.

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

Establishments employing 20 or more persons.

Method of enumeration:

A sampling scheme established in the 1980 census was repeated from 1981 to 1983, and from 1985 to 1987. In these years forms were despatched to all establishments employing 100 persons or more and, in general, to samples of 1 in 2 of those employing 50 to 99, as well as 1 in 4 of those employing 20 to 49. 1984 was a benchmark census and forms were despatched to all establishments with 20 or more employed except for those in the 20 to 49 employment size band located in England, where, in general, a sample of 1 in 2 was taken. The statistical unit is the establishment.

Adjusted for non-response:

Yes

Concepts and definitions of variables:

Wages and salaries includes all overtime payments, bonuses, commissions, holiday pay and redundancy payments less any amounts reimbursed from government sources. No deduction is made for income tax, insurance, contributory pensions, etc. Payments in kind, travelling expenses, lodging allowances, etc. are excluded.

Output relates to gross output and is calculated by adjusting the value of total sales, work done and services rendered, by the net changes during the year of work in progress and stocks of finished goods. Total sales represents deliveries on sale of goods produced by establishments and includes sales of goods made from materials given out by them to other organizations or to outworkers. The value of sales is the amount charged to customers. Where products attract excise duty, the value is inclusive of duty if goods are sold "duty-paid", and exclusive of duty if goods are sold in bond or exported. Sales of fixed assets are excluded.

Value added represents gross value added in factor values and is defined as the value of gross output less the cost of purchases of materials for use in production and packaging, fuels, goods for 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.

Gross fixed capital formation is the value of purchases of fixed assets less the value of sales of such assets. Valuation is at full cost incurred, including the cost of installation and certain fees and taxes (namely legal fees, stamp duty, agents' commissions, etc.), and is inclusive of any amounts received or expected to be received in grants and/or allowances from government sources, statutory bodies or local authorities. The value of capital goods produced for own use are included. The value of any assets acquired in taking over an existing business are excluded. The figures include non-deductible VAT but exclude deductible VAT.

Related national publications:

Census of Production Introductory Notes; Annual Abstract of Statistics, published by the Central Statistical Office, London.

United Kingdom

ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million POUNDS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		9246	8728	8487	8341	504	503	490	482		4731	5178	5614	5713	
3111 Slaughtering, preparing & preserving meat		1560	1468	...	1387	117	116	...	114		1006	1093	...	1239	
3112 Dairy products		354	392	...	373	41	40	...	38		448	489	...	542	
3113 Canning, preserving of fruits & vegetables		298	272	...	304	18	19	...	19		161	188	...	220	
3114 Canning, preserving and processing of fish		310	284	...	286	30	21	...	19		233	164	...	180	
3115 Vegetable and animal oils and fats		69	58	...	41	6	6	...	5		93	98	...	92	
3116 Grain mill products		119	109	...	103	6	6	...	5		82	85	...	96	
3117 Bakery products		4264	4047	...	3834	153	154	...	148		1141	1272	...	1409	
3118 Sugar factories and refineries		8	6	...	4	7	8	...	4		117	98	...	102	
3119 Cocoa, chocolate and sugar confectionery		607	563	...	532	46	54	...	48		486	523	...	530	
3121 Other food products		1123	1016	...	1014	60	61	...	58		697	768	...	872	
3122 Prepared animal feeds		544	513	...	463	20	21	...	19		271	300	...	326	
313 Beverages		544	511	478	490	73	69	69	65		921	950	1007	1028	
3131 Distilling, rectifying and blending spirits		78	63	...	58	13	14	...	13		168	193	...	223	
3132 Wine industries		63	56	...	61	4	4	...	3		65	54	...	56	
3133 Malt liquors and malt		174	170	...	163	33	30	...	29		437	430	...	464	
3134 Soft drinks and carbonated waters		229	222	...	208	23	21	...	18		261	273	...	283	
314 Tobacco		29	28	26	25	14	13	12	10		230	236	253	238	
321 Textiles		6636	6285	5987	5815	244	224	208	198		2017	2077	2031	2093	
3211 Spinning, weaving and finishing textiles		2001	1856	...	1701	106	97	...	85		936	933	...	978	
3212 Made-up textile goods excl. wearing apparel		1660	1545	...	1444	31	30	...	27		227	242	...	250	
3213 Knitting mills		1757	1606	1471	1387	77	67	63	58		647	520	543	542	
3214 Carpets and rugs		424	437	...	427	21	21	...	18		220	236	...	232	
3215 Cordage, rope and twine		150	144	...	140	3	3	...	2		26	26	...	26	
3219 Other textiles		743	699	...	716	6	6	...	4		63	70	...	63	
322 Wearing apparel, except footwear		8927	8390	7841	7283	214	210	177	169		1322	1332	1302	1348	
323 Leather and fur products		1490	1185	1081	989	20	17	16	14		162	152	147	157	
3231 Tanneries and leather finishing		247	205	...	185	8	7	...	6		73	78	...	80	
3232 Fur dressing and dyeing industries		122	-	...	...	1	-	...	...		8	-	...	...
3233 Leather prod. excl. wearing apparel		1121	980	...	804	11	10	...	8		71	74	...	76	
324 Footwear, except rubber or plastic		801	746	704	665	49	45	44	40		366	378	374	366	
331 Wood products, except furniture		7126	6917	6341	6514	81	78	68	65		811	834	786	786	
3311 Sawmills, planing and other wood mills		1479	1411	...	1326	21	19	...	16		206	195	...	189	
3312 Wooden and cane containers		1275	1229	...	1145	10	10	...	9		92	103	...	102	
3319 Other wood and cork products		4372	4277	...	4143	50	49	...	41		514	536	...	493	
332 Furniture and fixtures, excl. metal		8158	7798	7342	7289	115	114	107	104		1227	1306	1277	1294	
341 Paper and products		3319	3192	3088	3041	155	148	142	136		1843	1959	2014	2068	
3411 Pulp, paper and paperboard articles		409	391	373	354	33	33	31	29		418	463	480	477	
3412 Containers of paper and paperboard		1383	1352	...	1276	60	59	...	55		696	762	...	814	
3419 Other pulp, paper and paperboard articles		1527	1449	...	1411	62	56	...	61		729	744	...	777	
342 Printing and publishing		20406	18762	18148	19674	305	304	292	291		4301	4623	4706	4936	
351 Industrial chemicals		1692	1576	1515	1573	147	144	140	134		2199	2424	2633	2707	
3511 Basic chemicals excl. fertilizers		847	791	777	838	104	103	100	98		1579	1774	1940	2048	
3512 Fertilizers and pesticides		185	168	157	165	13	12	11	9		188	198	213	192	
3513 Synthetic resins and plastic materials		660	617	581	570	30	29	29	26		432	462	479	466	
352 Other chemicals		1928	1748	1666	1712	173	170	167	166		2308	2510	2676	2900	
3521 Paints, varnishes and lacquers		320	309	283	296	24	23	22	21		283	315	326	338	
3522 Drugs and medicines		396	362	347	366	78	76	78	79		1108	1214	1376	1527	
3523 Soap, cleaning preps., perfumes, cosmetics		474	426	430	439	36	37	36	36		406	464	468	517	
3529 Other chemical products		739	651	606	611	37	34	31	29		504	517	506	519	
353 Petroleum refineries		22	25	25	27	9	9	8	8		178	186	204	219	

354 Misc. petroleum and coal products	131	129	113	110	9	8	7	6	123	124	120	120
355 Rubber products	598	606	606	602	64	65	58	54	733	796	792	816
3551 Tyres and tubes	61	62	...	74	25	25	...	22	332	352	...	392
3559 Other rubber products	537	543	...	528	39	40	...	32	401	444	...	426
356 Plastic products	4710	4596	4527	4732	171	169	164	167	1845	1997	2080	2246
361 Pottery, china, earthenware	815	791	758	730	46	44	40	37	411	427	425	434
362 Glass and products	805	770	745	885	44	42	41	39	528	540	576	563
369 Other non-metallic mineral products	2932	2724	2566	2698	126	123	108	100	1588	1548	1516	1475
3691 Structural clay products	205	183	...	182	19	19	...	13	247	238	...	200
3692 Cement, lime and plaster	162	160	...	191	8	9	...	7	149	154	...	130
3699 Other non-metallic mineral products	2565	2391	...	2325	99	95	...	79	1192	1256	...	1144
371 Iron and steel	2669	2587	2429	2343	155	151	135	124	1951	2042	1954	1897
372 Non-ferrous metals	1103	1093	1080	1089	61	59	55	50	734	801	789	749
381 Fabricated metal products	15173	14981	14366	14264	328	337	314	297	3839	4100	4147	4136
3811 Cutlery, hand tools and general hardware	94	92	...	71	4	4	...	3	43	45	...	54
3812 Furniture and fixtures primarily of metal	554	553	...	549	19	21	...	18	219	251	...	255
3813 Structural metal products	3589	3521	3417	3474	93	97	97	88	1201	1386	1505	1473
3819 Other fabricated metal products	10938	10815	...	10170	212	215	...	186	2176	2418	...	2360
382 Non-electrical machinery	23886	23168	22307	22747	559	557	523	501	7006	7659	7925	8058
3821 Engines and turbines	300	307	318	342	20	20	18	17	241	259	266	270
3822 Agricultural machinery and equipment	873	917	885	951	16	17	15	13	200	231	211	211
3823 Metal and wood working machinery	4714	4658	4507	4394	88	87	79	74	1060	1127	1104	1106
3824 Other special industrial machinery	2235	1999	1898	1898	103	101	88	82	1386	1499	1450	1450
3825 Office, computing and accounting machinery	1296	1190	1155	1354	55	55	54	53	836	905	1200	1257
3829 Other non-electrical machinery & equipment	14468	14637	13664	13757	277	277	258	249	3293	3628	3694	3753
383 Electrical machinery	10666	10029	9786	10172	530	508	466	436	6040	6332	6378	6262
3831 Electrical industrial machinery	3676	3412	3336	3503	162	155	147	136	1825	1889	1973	1943
3832 Radio, television and communication equipm.	3859	3719	3676	3727	246	240	220	204	2946	3157	3157	3083
3833 Electrical appliances and housewares	554	489	476	484	40	37	34	31	385	385	395	381
3839 Other electrical apparatus and supplies	2577	2409	2298	2458	82	75	66	63	884	901	843	853
384 Transport equipment	4477	4254	4233	4333	528	531	496	466	6933	7738	7819	7723
3841 Shipbuilding and repairing	1814	1403	1362	1451	67	64	58	53	843	888	863	819
3842 Railroad equipment	97	100	96	91	19	19	18	16	219	250	256	245
3843 Motor vehicles	2116	2067	2050	2066	266	267	245	233	3519	3826	3807	3842
3844 Motorcycles and bicycles	108	113	117	120	3	4	4	3	26	40	40	40
3845 Aircraft	470	496	537	543	189	174	167	156	2295	2593	2823	2742
3849 Other transport equipment	72	75	71	62	4	3	3	2	31	31	30	31
385 Professional and scientific equipment	2761	2555	2476	2585	86	85	78	75	957	1039	1033	1060
3851 Prof. and scientific equipment n.e.c.	2041	1888	1826	1905	63	62	58	57	704	759	754	799
3852 Photographic and optical goods	505	454	456	470	20	20	18	18	236	253	242	231
3853 Watches and clocks	215	213	194	211	3	3	2	2	27	27	27	29
390 Other manufacturing industries	9837	8735	8168	8465	77	71	65	55	685	691	675	712
3901 Jewellery and related articles	2352	1996	1823	1919	13	11	10	10	128	124	124	131
3902 Musical instruments	242	222	...	204	2	2	...	2	24	25	...	26
3903 Sporting and athletic goods	448	392	...	398	8	8	...	7	75	79	...	79
3909 Manufacturing industries, n.e.c.	6795	6125	...	5944	54	50	...	46	458	463	...	475
3 Total manufacturing	150885	142908	136889	139294	4887	4798	4488	4314	55789	60028	61150	62121

United Kingdom

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of value added and salaries in value added	
		(million POUNDS)					(million POUNDS)				(percentage)		(percentage)	
		1989	1990	1991	1992a/		1989	1990	1991	1992	1989	1992	1989	1992
311/2 Food Products		37887	40472	41542	43417	12810	14080	14790	15279	33.8	35.2	36.9	37.4	
3111 Slaughtering, preparing & preserving meat					9603	2120	2390		2628		27.4	47.4	47.1	
3112 Dairy products					6547	1260	1420		1484		22.7	36.4	36.5	
3113 Canning, preserving of fruits & vegetables					1477	400	450		591		40.0	40.2	37.2	
3114 Canning, preserving and processing of fish					1312	650	370		416		31.7	35.8	43.3	
3115 Vegetable and animal oils and fats					1570	340	330		392		25.0	27.4	23.6	
3116 Grain mill products					1352	320	330		348		25.7	25.6	27.6	
3117 Bakery products					5959	2410	2650		2887		48.1	47.3	49.1	
3118 Sugar factories and refineries					1338	400	410		439		32.8	29.2	23.2	
3119 Cocoa, chocolate and sugar confectionery					4022	1380	1980		1948		48.4	35.1	32.3	
3121 Other food products					6509	2030	2850		3224		49.5	26.6	27.0	
3122 Prepared animal feeds					3724	900	1000		936		25.1	30.1	34.7	
313 Beverages		8326	8661	8739	11069	3680	3720	3833	4071	43.0	36.8	25.7	25.3	
3131 Distilling, rectifying and blending spirits					2233	880	1020		1111		49.8	19.1	20.1	
3132 Wine industries					582	210	230		232		39.9	25.2	24.1	
3133 Malt liquors and malt					5585	1520	1410		1613		28.9	28.7	28.8	
3134 Soft drinks and carbonated waters					2668	970	1060		1114		41.8	25.9	26.4	
314 Tobacco		1973	2040	2205	7339	1280	1330	1606	1526	64.9	20.8	18.0	15.6	
321 Textiles		9047	8791	8468	8683	3960	3940	3859	4044	43.8	45.7	50.9	51.8	
3211 Spinning, weaving and finishing textiles					4051	1790	1730		1845		45.5	52.2	53.0	
3212 Made-up textile goods excl. wearing apparel					1120	480	470		492		43.9	49.3	50.8	
3213 Knitting mills		2022	1932	1963	1985	990	990	998	1038	49.0	52.3	55.3	52.2	
3214 Carpets and rugs					1102	540	560		490		44.5	40.7	47.3	
3215 Cordage, rope and twine					102	60	50		44		43.1	41.7	56.8	
3219 Other textiles					301	120	140		132		43.9	52.5	47.7	
322 Wearing apparel, except footwear		4962	5065	4767	5034	2520	2620	2423	2595	50.8	51.5	52.5	51.9	
323 Leather and fur products		954	896	736	746	310	300	307	308	32.5	41.3	49.0	51.0	
3231 Tanneries and leather finishing					463	150	140		151		34.8	48.7	49.7	
3232 Fur dressing and dyeing industries						10	-					60.0		
3233 Leather prods. excl. wearing apparel					283	150	160		146		51.6	47.3	52.1	
324 Footwear, except rubber or plastic		1300	1408	1376	1403	660	710	697	706	50.8	50.3	55.5	51.8	
331 Wood products, except furniture		4801	4674	4149	4049	1850	1800	1612	1599	38.5	39.5	43.8	49.1	
3311 Sawmills, planing and other wood mills					1359	500	450		397		29.2	41.0	47.6	
3312 Wooden and cane containers					431	190	210		187		43.4	48.4	54.5	
3319 Other wood and cork products					2258	1160	1140		1014		44.9	44.3	46.6	
332 Furniture and fixtures, excl. metal		5165	5448	5138	5222	2490	2550	2447	2485	48.2	47.6	49.3	52.1	
341 Paper and products		10184	10441	10370	10519	4220	4500	4656	4804	41.4	45.7	43.7	43.0	
3411 Pulp, paper and paperboard articles		3061	3241	3159	3007	1130	1240	1319	1235	36.9	41.1	37.0	36.6	
3412 Containers of paper and paperboard					3709	1350	1510		1678		45.2	51.6	48.6	
3419 Other pulp, paper and paperboard articles					3802	1740	1750		1891		49.7	41.9	41.1	
342 Printing and publishing		17205	17863	17986	19648	10530	11000	11194	12353	61.2	62.9	40.8	40.0	
351 Industrial chemicals		20590	20336	19629	19780	8460	7940	7758	8031	41.1	40.5	26.0	33.7	
3511 Basic chemicals excl. fertilizers		13345	13700	13224	13993	5800	5490	5428	5751	43.5	41.2	27.2	35.5	
3512 Fertilizers and pesticides		2425	2493	2374	1995	1000	990	917	841	41.2	42.2	18.8	22.8	
3513 Synthetic resins and plastic materials		4820	4143	4032	3791	1660	1450	1413	1426	34.4	37.7	26.0	32.6	
352 Other chemicals		14512	15428	16066	17821	7790	8340	8800	9886	53.7	55.5	29.5	29.3	
3521 Paints, varnishes and lacquers		1828	1888	1879	1879	830	840	893	983	45.4	49.7	35.3	34.4	
3522 Drugs and medicines		6356	6843	7529	8516	4080	4470	4874	5561	64.2	64.5	27.1	27.5	
3523 Soap, cleaning preps, perfumes, cosmetics		3382	3745	3823	4169	1590	1790	1851	2082	47.0	49.5	25.6	25.1	
3529 Other chemical products		2945	2951	2835	3058	1290	1240	1182	1279	43.8	41.8	39.1	40.6	
353 Petroleum refineries		9530	11562	10554	17844	1910	2480	1484	1429	20.0	8.0	9.3	15.3	

354 Misc. petroleum and coal products	1042	1039	1013	983	440	420	406	408	42.2	41.6	28.0	29.4
355 Rubber products	3094	3238	3178	3180	1630	1690	1678	1685	52.7	53.0	46.0	48.5
3551 Tyres and tubes	...	...	...	1639	770	750	...	817	...	53.1	43.1	48.0
3559 Other rubber products	...	...	...	1640	860	940	...	867	...	52.9	46.6	49.1
356 Plastic products	9446	9846	9708	10742	4260	4620	4607	5286	45.1	49.2	43.3	42.5
361 Pottery, china, earthenware	1192	1211	1172	1169	810	820	806	796	58.0	58.1	50.7	54.5
362 Glass and products	2132	2051	2063	2067	1200	1170	1158	1147	55.3	55.5	44.0	49.1
369 Other non-metallic mineral products	9611	9367	7960	7628	5430	5060	4274	4100	55.5	53.7	29.2	36.0
3691 Structural clay products	...	...	...	589	770	640	...	410	...	69.6	32.1	48.8
3692 Cement, lime and plaster	...	...	...	891	680	670	...	491	...	55.1	22.6	26.5
3699 Other non-metallic mineral products	...	...	...	6147	4000	3850	...	3199	...	52.0	29.8	35.8
371 Iron and steel	12038	11586	10427	9946	4960	4530	4029	3878	41.1	39.0	39.4	48.9
372 Non-ferrous metals	6305	5936	5015	5036	1640	1560	1388	1462	26.0	29.0	44.8	51.2
381 Fabricated metal products	15894	17484	16515	15996	7660	8410	8047	7838	47.6	49.0	48.1	52.8
3811 Cutlery, hand tools and general hardware	...	...	...	307	110	100	...	165	...	53.7	39.1	32.7
3812 Furniture and fixtures primarily of metal	...	...	...	943	420	480	...	483	...	51.2	52.1	52.8
3813 Structural metal products	5236	6024	5780	5350	2450	2850	2791	2540	46.6	47.4	49.0	58.0
3819 Other fabricated metal products	...	...	...	9384	4580	4980	...	4648	...	49.6	47.6	50.6
382 Non-electrical machinery	34723	36648	34704	35353	16240	16840	16064	16014	46.6	46.3	43.1	50.3
3821 Engines and turbines	1359	1396	1314	1326	700	600	572	520	51.6	39.2	34.4	51.9
3822 Agricultural machinery and equipment	1408	1632	1192	1323	380	470	272	409	27.0	30.9	52.6	51.6
3823 Metal and wood working machinery	4140	4363	3794	3806	2150	2230	2033	2000	51.9	52.6	48.8	55.3
3824 Other special industrial machinery	6770	6871	6399	6288	3280	3290	3322	3307	48.4	52.6	42.3	44.1
3825 Office, computing and accounting machinery	7832	8310	8290	8735	3060	3190	2987	2707	39.1	31.0	27.3	46.4
3829 Other non-electrical machinery & equipment	13214	14077	13716	13873	6670	7060	6877	7069	50.5	51.0	49.4	53.1
383 Electrical machinery	26272	26943	25706	26049	12320	12520	12121	12178	45.9	46.8	49.0	51.4
3831 Electrical industrial machinery	6641	7040	7217	7320	3460	3560	3602	3513	52.0	48.0	52.9	55.3
3832 Radio, television and communication equipm	13578	13951	13103	13239	6220	6360	6079	6196	45.8	46.8	47.4	49.8
3833 Electrical appliances and housewares	1880	1753	1804	1749	770	740	802	767	41.0	43.9	50.0	49.7
3839 Other electrical apparatus and supplies	4173	4201	3582	3739	1880	1860	1638	1702	45.1	45.5	47.0	50.1
384 Transport equipment	37562	39212	36598	40566	15430	16210	14371	14906	41.1	36.7	44.9	51.8
3841 Shipbuilding and repairing	2306	2467	2367	2459	1300	1390	1217	1279	56.4	52.0	64.8	64.0
3842 Railroad equipment	723	869	814	1038	340	380	341	420	47.0	40.5	54.4	58.6
3843 Motor vehicles	23399	23660	21053	23526	8200	7980	6646	7745	36.0	32.9	42.9	49.6
3844 Motorcycles and bicycles	134	202	187	218	80	90	83	100	44.8	45.9	43.3	40.0
3845 Aircraft	10887	11900	12059	13214	5480	6340	6134	5308	50.3	40.2	41.9	51.7
3849 Other transport equipment	113	114	117	108	50	50	51	51	44.2	47.2	52.0	50.8
385 Professional and scientific equipment	3685	3847	3928	4217	1930	2060	2230	2304	52.4	54.6	50.1	46.0
3851 Prof and scientific equipment n e c	2650	3023	2800	3023	1490	1570	1659	1754	55.2	58.0	47.2	45.6
3852 Photographic and optical goods	934	964	1024	1071	400	430	510	488	42.8	45.6	59.0	47.3
3853 watches and clocks	101	103	104	123	40	50	51	51	39.6	49.6	67.5	47.5
390 Other manufacturing industries	3229	3226	2987	3198	1560	1560	1483	1524	48.3	50.8	43.9	43.8
3901 Jewellery and related articles	807	729	677	672	330	290	304	314	40.9	46.7	38.8	41.7
3902 Musical instruments	...	...	...	81	40	40	...	46	...	56.8	60.0	56.5
3903 Sporting and athletic goods	...	...	...	377	170	180	...	178	...	47.2	44.1	44.4
3909 Manufacturing industries, n e c	...	...	...	2066	1020	1050	...	1084	...	52.5	44.9	43.8
3 Total manufacturing	312661	324719	312701	338697	137770	142770	138028	142758	44.1	42.1	40.5	43.5

a/ Output in producers' prices

United Kingdom

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million POUNDS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		1431	1494	1560	1598		104	105	108	110	110	112	113	115	116
313 Beverages		461	551	495	451		98	102	104	103	108	107	101	101	103
314 Tobacco		16	32	76	52		84	75	83	85	83	86	88	93	86
321 Textiles		333	280	267	306		97	77	81	81	79	78	70	70	70
322 Wearing apparel, except footwear		121	122	84	76		110	110	111	110	106	107	97	99	99
323 Leather and fur products		16	17	12	16		101	120	129	131	133	129	114	114	123
324 Footwear, except rubber or plastic		14	23	25	26		89	89	92	89	82	78	67	64	63
331 Wood products, except furniture		206	133	104	127	a/	100	99	107	120	119	118	104	104	107
332 Furniture and fixtures, excl. metal		181	118	116	127	a/	...	...	...	...	...	...	...	...	...
341 Paper and products		702	496	541	542		94	97	101	106	107	112	111	112	115
342 Printing and publishing		1069	901	933	757		101	106	118	131	139	141	133	136	139
351 Industrial chemicals		1796	2077	2084	1638		120	129	126	126	132	126	135	138	135
352 Other chemicals		899	883	901	1040		118	124	135	143	162	155	158	166	174
353 Petroleum refineries		269	321	401	400		100	103	104	111	114	113	116	118	122
354 Misc. petroleum and coal products		39	37	21	24		89	92	90	89	89	85	81	73	68
355 Rubber products		152	139	124	134		83	77	88	88	96	96	92	88	83
356 Plastic products		611	572	457	509		124	106	119	134	141	147	138	146	155
361 Pottery, china, earthenware		59	54	37	52		98	94	98	105	105	100	94	89	89
362 Glass and products		188	206	132	119		106	106	114	121	124	127	122	122	132
369 Other non-metallic mineral products		780	631	311	235		93	103	109	122	123	112	98	92	96
371 Iron and steel		612	603	461	353		104	92	105	121	120	115	105	100	103
372 Non-ferrous metals		197	198	168	182		94	99	100	108	111	108	99	96	93
381 Fabricated metal products		670	663	479	409		91	75	78	85	90	90	82	77	75
382 Non-electrical machinery		1157	1231	1036	881		106	92	95	107	112	113	105	106	109
383 Electrical machinery		1170	1062	941	961		115	71	72	79	85	45	79	76	78
384 Transport equipment		1865	2092	2102	1718		90	93	98	105	120	118	110	108	104
385 Professional and scientific equipment		167	144	150	152		111	103	107	114	117	118	114	113	118
390 Other manufacturing industries		106	97	86	84		80	80	84	90	92	72	80	78	76
3 Total manufacturing		15287	15176	14107	12983		103	96	100	107	112	112	106	106	108

a/ 331 includes 332.

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. The notes appearing here are based on information in the OECD publication *Industrial Structure Statistics* (annual), OECD, Paris.

Basic source of data:

Census of Manufactures (every five years) and Annual Survey of Manufactures.

Major deviations from current version of ISIC:

The following are excluded from the national concept of manufacturing: (a) small-scale processing activities carried out as a secondary activity in agriculture; (b) custom work to the individual order of household consumers; (c) some repair activities and repair shops of railroads; (d) production of coke for own use by public utility companies; (e) manufacturing by retail establishments selling most of their products on their premises to household consumers; (f) manufacturing by construction contractors at the site.

Reference period (if not calendar year):

Scope:

All manufacturing establishments with at least one employee.

Method of enumeration:

The Census of Manufactures is carried out for years ending in 2 and 7. The annual survey takes a sample of around 55 000 establishments, representing a coverage of about two-thirds of total manufacturing employment.

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:

Census of Manufactures; Annual Survey of Manufactures, both published by the Bureau of the Census, Department of Commerce, Washington, D.C.

United States of America

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(thousands)				Note	(billion DOLLARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products				24962		1333	1339	1369	1385		29.2	30.0	32.3	33.2	
3111 Slaughtering, preparing & preserving meat				4315		377	390	400	415		6.7	7.0	7.6	7.9	
3112 Dairy products				2440		139	136	137	137		3.6	3.6	3.8	3.8	
3113 Canning, preserving of fruits & vegetables				1620		162	151	145	145		3.1	3.2	3.3	3.3	
3114 Canning, preserving and processing of fish				1072		46	47	49	47		0.8	0.8	0.9	0.9	
3115 Vegetable and animal oils and fats				593		29	28	28	27		0.8	0.7	0.8	0.8	
3116 Grain mill products				800		45	44	49	49		1.4	1.5	1.7	1.7	
3117 Bakery products				4982		214	215	221	225		5.3	5.4	5.7	5.9	
3118 Sugar factories and refineries				102		19	19	19	19		0.6	0.6	0.6	0.6	
3119 Cocoa, chocolate and sugar confectionery				1471		74	73	72	73		1.7	1.4	1.8	1.9	
3121 Other food products				5352		187	187	199	201		4.3	4.4	4.9	5.1	
3122 Prepared animal feeds				2214		49	49	49	48		1.2	1.2	1.3	1.4	
313 Beverages				2237		137	137	134	136		4.2	4.3	4.4	4.6	
3131 Distilling, rectifying and blending spirits				71		7	7	7	7		0.2	0.2	0.2	0.2	
3132 Wine industries				794		14	14	14	14		0.4	0.4	0.4	0.4	
3133 Malt liquors and malt				279		34	34	36	37		1.5	1.5	1.6	1.6	
3134 Soft drinks and carbonated waters				1093		82	82	77	79		2.1	2.2	2.2	2.2	
314 Tobacco				115		41	40	38	37		1.5	1.5	1.5	1.4	
321 Textiles				19485		829	791	831	829		15.1	15.0	16.5	17.1	
3211 Spinning, weaving and finishing textiles				2972		347	335	334	328		6.6	6.6	7.0	7.2	
3212 Made-up textile goods excl. wearing apparel				11817		189	186	211	212		3.3	3.4	3.9	4.0	
3213 Knitting mills				2686		198	191	193	193		3.2	3.0	3.3	3.5	
3214 Carpets and rugs				605		52	49	49	51		1.1	1.0	1.1	1.2	
3215 Cordage, rope and twine				295		7	7	7	7		0.1	0.1	0.1	0.1	
3219 Other textiles				1110		36	33	38	39		0.9	0.9	1.0	1.1	
322 wearing apparel, except footwear				19032		807	776	777	771		10.8	10.8	11.4	11.6	
323 Leather and fur products				2073		48	46	46	44		0.9	0.9	0.9	0.9	
3231 Tanneries and leather finishing				466		12	12	17	17		0.3	0.3	0.4	0.4	
3232 Fur dressing and dyeing industries															
3233 Leather prods. excl. wearing apparel				1608		36	34	29	27		0.6	0.6	0.6	0.6	
324 Footwear, except rubber or plastic				636		67	68	63	62		1.0	0.9	0.8	0.9	
331 wood products, except furniture				25254		608	470	481	500		10.1	9.6	10.3	11.1	
3311 Sawmills, planing and other wood mills				17717		396	362	382	396		8.3	7.8	8.6	9.2	
3312 Wooden and cane containers				3230		42	40	40	41		0.6	0.6	0.6	0.7	
3319 Other wood and cork products				4307		71	68	59	64		1.2	1.2	1.1	1.1	
332 Furniture and fixtures, excl. metal				19857		438	406	414	425		8.2	7.8	8.6	8.9	
341 Paper and products				6810		590	586	587	588		18.1	18.5	19.6	19.9	
3411 Pulp, paper and paperboard articles				529		199	198	198	194		7.8	8.0	8.2	8.2	
3412 Containers of paper and paperboard				3272		217	217	218	219		5.6	5.8	6.1	6.4	
3419 Other pulp, paper and paperboard articles				3009		174	171	171	175		4.7	4.8	5.1	5.3	
342 Printing and publishing				96664		1538	1488	1496	1500		38.8	38.7	41.3	42.2	
351 Industrial chemicals				4425		402	401	397	382		15.3	15.8	16.3	16.1	
3511 Basic chemicals excl. fertilizers				2705		227	231	228	218		9.0	9.6	9.7	9.6	
3512 Fertilizers and pesticides				1063		43	41	40	39		1.5	1.4	1.5	1.4	
3513 Synthetic resins and plastic materials				658		132	129	128	125		4.8	4.9	5.1	5.1	
352 Other chemicals				10871		485	479	483	489		15.7	16.2	17.2	16.0	
3521 Paints, varnishes and lacquers				1759		54	51	51	50		1.9	1.6	1.7	1.7	
3522 Drugs and medicines				1800		183	184	194	202		6.9	7.2	7.8	8.6	
3523 Soap, cleaning preps., perfumes, cosmetics				2213		107	103	101	102		3.2	3.2	3.3	3.4	
3529 Other chemical products				6099		141	141	137	135		4.1	4.2	4.3	4.4	
353 Petroleum refineries				232		72	74	75	73		3.2	3.5	3.6	3.7	

354 Misc petroleum and coal products	2108	40	39	40	41	1.3	1.3	1.3	1.4
355 Rubber products	2862	206	197	204	208	5.4	5.3	5.9	6.1
3551 Tyres and tubes	192	68	66	65	65	2.3	2.3	2.5	2.6
3559 Other rubber products	2670	137	131	139	143	3.0	3.0	3.4	3.5
356 Plastic products	17307	670	646	710	737	14.9	15.1	17.4	18.5
361 Pottery, china, earthenware	1674	38	37	37	37	0.8	0.8	0.8	0.9
362 Glass and products	3126	141	133	133	131	3.8	3.7	3.9	4.0
369 Other non-metallic mineral products	17044	364	339	333	334	9.4	8.9	9.3	9.5
3691 Structural clay products	676	34	32	31	30	0.8	0.7	0.7	0.7
3692 Cement, lime and plaster	341	22	21	23	22	0.8	0.7	0.8	0.8
3699 Other non-metallic mineral products	16027	308	286	279	281	7.8	7.6	7.8	8.0
371 Iron and steel	3657	413	392	379	367	13.9	13.3	13.5	13.8
372 Non-ferrous metals	3987	247	236	230	232	7.4	7.2	7.3	7.4
381 Fabricated metal products	47758	1297	1225	1231	1247	31.9	31.1	33.1	34.0
3811 Cutlery, hand tools and general hardware	3491	139	132	134	137	3.6	3.4	3.6	3.8
3812 Furniture and fixtures primarily of metal	2579	125	117	121	126	2.9	2.8	3.0	3.2
3813 Structural metal products	17220	406	379	390	386	10.0	9.6	10.5	10.6
3819 Other fabricated metal products	24368	627	597	586	598	15.6	15.2	16.0	16.6
382 Non-electrical machinery	76759	2066	1954	1922	1927	61.9	60.4	62.9	64.1
3821 Engines and turbines	472	83	78	84	78	3.0	2.9	3.2	3.1
3822 Agricultural machinery and equipment	2598	94	90	86	89	2.4	2.3	2.4	2.5
3823 Metal and wood working machinery	15595	270	253	242	249	8.2	7.8	8.1	8.4
3824 Other special industrial machinery	9312	321	306	297	295	10.1	9.8	10.0	10.4
3825 Office, computing and accounting machinery	3198	294	272	256	249	10.4	10.2	10.3	10.0
3829 Other non-electrical machinery & equipment	45584	1004	955	957	967	27.9	27.3	28.9	29.6
383 Electrical machinery	23803	1541	1470	1493	1491	43.8	43.4	45.5	47.6
3831 Electrical industrial machinery	4939	294	279	285	289	7.8	7.7	8.1	8.4
3832 Radio, television and communication equipm.	13675	877	848	870	865	26.6	26.6	29.1	29.8
3833 Electrical appliances and housewares	442	52	50	44	45	1.1	1.1	1.0	1.1
3839 Other electrical apparatus and supplies	4747	318	293	293	292	8.3	8.0	8.2	8.4
384 Transport equipment	16701	1914	1760	1777	1725	67.2	64.2	67.2	67.2
3841 Shipbuilding and repairing	4507	175	162	153	158	4.7	4.5	4.6	4.4
3842 Railroad equipment	250	30	26	28	29	0.9	0.8	0.9	1.0
3843 Motor vehicles	9101a/	884	815	880	912	30.1	28.9	31.9	34.8
3844 Motorcycles and bicycles	344	9	11	12	12	0.2	0.3	0.3	0.3
3845 Aircraft	2499	816	746	694	613	31.3	29.6	29.4	26.7
3849 Other transport equipment	a/	a/				a/			
385 Professional and scientific equipment	15244	902	855	853	825	30.0	30.1	31.0	30.3
3851 Prof and scientific equipment n e c	12171	784	720	720	690	25.5	25.4	26.4	25.8
3852 Photographic and optical goods	2803	129	127	126	127	4.3	4.5	4.6	4.4
3853 watches and clocks	270	9	8	8	7	0.2	0.2	0.2	0.2
390 Other manufacturing industries	24583	369	347	351	365	7.4	7.3	8.0	8.4
3901 Jewellery and related articles	4324	49	46	45	47	1.0	1.0	1.1	1.1
3902 Musical instruments	671	12	12	12	13	0.2	0.2	0.3	0.3
3903 Sporting and athletic goods	3124	66	61	62	64	1.2	1.3	1.4	1.4
3909 Manufacturing industries, n e c	16464	242	228	232	241	4.8	4.8	5.3	5.6
3 Total manufacturing	488277	17502	16721	16870	16875	471.0	455.2	492.7	502.8

a/ 3843 includes 3849

United States of America

ISIC Industry	Note	Output in factor values				Note	Value added in factor values				Share of value added in output		Share of wages and salaries in value added	
		(billion DOLLARS)					(billion DOLLARS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		337.2	338.6	355.9	370.9		119.8	122.6	133.3	141.7	35.5	38.2	24.4	23.4
3111 Slaughtering, preparing & preserving meat		90.8	89.4	94.0	99.4		18.4	17.5	19.1	20.8	20.3	20.9	36.3	37.8
3112 Dairy products		51.0	49.9	54.1	55.0		13.2	13.9	16.1	16.9	25.0	30.6	26.3	22.7
3113 Canning, preserving of fruits & vegetables		31.0	32.2	32.1	32.0		13.7	14.5	16.0	16.1	44.3	47.3	22.6	21.6
3114 Canning, preserving and processing of fish		7.1	7.1	8.0	7.7		2.1	2.3	2.7	2.8	29.3	36.0	37.0	31.1
3115 Vegetable and animal oils and fats		19.5	18.7	18.7	20.1		4.1	3.8	3.8	4.1	21.1	20.5	18.2	19.1
3116 Grain mill products		19.3	19.2	21.6	23.3		9.7	10.1	11.2	12.3	60.2	62.6	14.9	14.7
3117 Bakery products		27.4	27.8	29.9	31.4		15.7	17.2	18.7	19.6	61.1	62.6	31.7	30.2
3118 Sugar factories and refineries		6.5	6.6	6.6	6.6		2.0	2.0	2.1	2.2	30.6	32.9	27.1	27.6
3119 Cocoa, chocolate and sugar confectionery		14.5	15.3	16.1	16.9		7.5	8.1	8.9	9.2	61.4	64.2	23.0	20.6
3121 Other food products		49.6	51.6	53.4	56.2		25.5	25.9	29.1	31.3	61.7	65.7	16.6	16.2
3122 Prepared animal feeds		20.6	20.8	21.4	22.1		6.8	6.5	6.6	7.4	32.8	33.6	17.8	18.2
313 Beverages		46.9	49.0	51.0	52.3		21.1	22.7	24.0	25.2	45.1	48.1	20.1	18.1
3131 Distilling, rectifying and blending spirits		3.5	3.7	3.4	3.5		1.9	2.2	1.9	2.1	64.5	59.2	12.7	11.6
3132 Wine industries		3.7	3.6	4.3	4.5		1.8	1.8	2.1	2.1	49.5	45.6	22.1	20.7
3133 Malt liquors and malt		15.9	16.5	17.9	18.2		8.4	9.2	10.4	10.7	52.6	58.9	17.6	18.3
3134 Soft drinks and carbonated waters		23.9	25.2	25.4	26.0		9.1	9.6	9.6	10.2	38.1	39.3	23.5	21.8
314 Tobacco		29.9	32.0	35.2	28.4		22.6	24.5	27.2	20.8	75.4	73.4	6.7	6.8
321 Textiles		84.4	84.0	91.4	95.8		35.0	35.4	39.5	41.1	41.4	42.9	43.3	41.5
3211 Spinning, weaving and finishing textiles		36.7	36.9	38.9	40.3		14.9	15.0	16.2	16.4	40.5	40.7	44.4	43.7
3212 Made-up textile goods excl wearing apparel		17.1	16.9	19.1	20.3		7.6	7.6	8.6	9.2	44.6	45.2	43.6	43.7
3213 Knitting mills		14.6	15.5	17.0	18.2		6.8	7.2	8.1	8.6	46.6	47.6	45.5	40.4
3214 Carpets and rugs		10.0	9.0	9.8	10.2		2.9	2.9	3.5	3.7	29.1	36.0	36.3	32.1
3215 Cordage, rope and twine		0.6	0.6	0.7	0.7		0.3	0.3	0.4	0.3	39.1	49.7	62.0	43.7
3219 Other textiles		5.4	5.2	5.8	6.2		2.5	2.4	2.9	2.9	47.1	47.0	34.4	37.8
322 Wearing apparel, except footwear		47.5	48.6	52.7	53.9		25.5	25.9	27.9	28.1	53.7	52.2	42.6	41.5
323 Leather and fur products		5.1	4.8	5.3	5.5		2.2	2.1	2.2	2.3	43.4	41.8	38.9	39.7
3231 Tanneries and leather finishing		2.4	2.2	2.9	3.2		0.8	0.7	0.9	1.0	32.4	32.2	35.9	41.7
3232 Fur dressing and dyeing industries														
3233 Leather goods excl wearing apparel		2.7	2.7	2.4	2.4		1.4	1.4	1.4	1.3	53.4	54.9	40.6	38.1
324 Footwear, except rubber or plastic		4.7	4.2	4.2	4.3		2.3	2.1	2.2	2.3	49.9	52.7	42.7	38.2
331 Wood products, except furniture		54.3	52.2	59.5	68.1		20.8	19.9	24.4	27.7	38.3	40.7	48.4	40.0
3311 Sawmills, planing and other wood mills		45.5	44.4	51.8	59.6		17.1	16.2	20.4	23.3	35.7	39.1	48.6	39.6
3312 Wooden and cane containers		2.9	2.9	2.9	3.3		1.2	1.2	1.3	1.4	41.8	44.3	63.8	48.9
3319 Other wood and cork products		5.0	5.0	4.8	5.3		2.6	2.5	2.7	3.0	61.9	55.6	45.3	38.5
332 Furniture and fixtures, excl metal		33.1	31.7	35.5	38.6		16.9	16.1	18.2	19.2	61.0	49.8	48.3	46.6
34 Paper and products		126.0	123.7	127.4	127.7		67.2	65.9	67.3	66.7	45.4	44.4	31.5	36.1
3411 Pulp, paper and paperboard articles		57.5	53.7	54.4	52.7		28.1	25.2	26.6	24.0	45.0	45.6	27.6	34.3
3412 Containers of paper and paperboard		33.3	33.3	35.1	36.3		12.0	12.4	13.4	13.8	36.0	38.0	47.0	46.3
3419 Other pulp, paper and paperboard articles		35.2	36.7	37.6	38.7		17.1	18.3	18.3	19.0	48.6	49.0	27.4	27.9
342 Printing and publishing		157.1	156.7	166.4	173.0		103.2	103.8	112.7	117.1	65.7	67.7	37.5	36.0
351 Industrial chemicals		159.1	155.7	159.4	158.9		73.5	70.0	72.6	72.7	45.2	45.8	20.8	22.1
3511 Basic chemicals excl fertilizers		92.4	90.9	91.9	90.6		44.9	42.2	43.0	42.7	48.6	47.1	20.1	22.2
3512 Fertilizers and pesticides		18.3	18.5	18.9	18.9		8.1	8.1	8.7	9.0	44.0	47.8	18.0	16.0
3513 Synthetic resins and plastic materials		48.4	46.2	48.6	49.5		20.5	19.7	20.9	21.0	42.4	42.5	23.4	24.3
352 Other chemicals		134.0	142.2	151.9	151.6		81.8	87.3	94.6	101.2	61.0	62.6	19.2	17.8
3521 Paints, varnishes and lacquers		14.2	14.3	15.0	15.0		6.8	6.8	7.1	7.7	47.5	48.2	24.1	22.0
3522 Drugs and medicines		53.7	60.8	67.7	70.8		38.3	43.3	48.5	51.3	71.2	72.4	17.9	16.6
3523 Soap, cleaning preps, perfumes, cosmetics		35.6	35.7	36.4	39.0		21.3	21.6	22.1	23.5	59.9	60.3	14.8	14.4
3529 Other chemical products		30.4	31.4	32.9	35.8		15.4	16.6	16.9	16.7	60.8	62.3	26.4	23.6
353 Petroleum refineries		159.4	145.4	136.6	129.9		22.8	19.8	19.1	18.6	14.3	14.3	14.0	20.1

354 Misc petroleum and coal products	13.2	12.7	13.6	14.9	4.4	4.2	4.8	5.4	33.3	36.0	29.2	26.1
355 Rubber products	25.6	25.3	26.8	28.9	13.4	13.5	14.3	15.7	52.4	54.5	39.9	38.9
3551 Tyres and tubes	11.9	11.9	11.8	12.5	6.6	6.7	6.6	7.1	54.7	55.6	35.7	35.4
3559 Other rubber products	13.8	13.5	14.9	16.3	6.8	6.9	7.8	8.6	50.4	52.9	43.8	41.0
356 Plastic products	78.3	77.5	89.3	96.3	37.3	37.5	45.3	48.5	47.7	50.3	40.0	38.2
361 Pottery, china, earthenware	2.6	2.6	2.8	2.9	1.8	1.8	2.0	2.1	70.6	70.7	45.1	42.4
362 Glass and products	17.3	17.0	18.0	19.1	10.1	9.7	11.0	11.1	58.1	58.1	37.9	35.7
369 Other non-metallic mineral products	46.5	43.0	45.1	47.0	24.0	22.1	23.7	24.6	51.5	52.4	39.0	38.5
3691 Structural clay products	3.1	2.8	2.9	2.9	1.9	1.6	1.7	1.8	59.9	61.8	41.1	41.4
3692 Cement, lime and plaster	5.0	4.5	5.0	5.1	2.5	2.4	2.6	2.6	52.7	51.0	28.6	29.4
3699 Other non-metallic mineral products	38.5	35.7	37.3	39.0	19.5	18.1	19.4	20.2	50.7	51.9	40.2	39.4
371 Iron and steel	75.7	68.9	71.3	75.6	31.8	27.1	30.1	32.8	42.0	43.1	43.8	42.3
372 Non-ferrous metals	58.5	52.9	54.2	53.0	17.5	15.5	17.5	17.4	29.9	32.9	42.2	42.7
381 Fabricated metal products	145.0	139.7	147.3	154.8	70.4	67.7	73.3	77.6	48.5	50.1	45.3	43.8
3811 Cutlery, hand tools and general hardware	14.7	14.4	15.5	16.5	8.5	8.2	9.1	9.8	57.9	59.5	41.5	38.8
3812 Furniture and fixtures primarily of metal	13.2	12.5	13.5	14.2	7.3	6.8	7.4	7.8	55.4	54.9	40.0	40.9
3813 Structural metal products	44.9	42.6	45.0	46.5	19.9	19.3	21.3	21.7	44.4	45.8	60.1	48.3
3819 Other fabricated metal products	72.3	70.4	73.3	77.7	34.5	33.4	35.5	36.3	47.9	49.2	44.6	43.2
382 Non-electrical machinery	280.5	267.3	284.4	304.0	145.1	135.9	145.5	154.5	51.7	50.8	42.7	41.5
3821 Engines and turbines	16.6	15.6	17.7	19.0	7.2	7.6	7.7	9.0	43.2	47.2	41.6	34.7
3822 Agricultural machinery and equipment	16.5	15.2	14.8	17.0	8.0	7.1	7.3	8.1	46.5	47.5	30.2	31.4
3823 Metal and wood working machinery	25.3	23.6	24.6	25.5	15.5	14.6	15.5	16.6	51.4	52.2	52.6	51.0
3824 Other special industrial machinery	44.7	41.8	42.6	47.3	22.0	20.5	21.7	23.9	49.3	40.5	45.9	43.4
3825 Office, computing and accounting machinery	64.8	59.5	67.4	59.9	31.6	27.7	29.6	29.4	48.8	42.1	33.0	34.0
3829 Other non-electrical machinery & equipment	112.8	110.7	117.4	124.3	60.7	59.4	64.5	67.6	53.9	54.4	45.9	43.9
383 Electrical machinery	204.3	206.6	227.6	244.7	112.4	111.8	127.5	135.5	55.0	55.4	38.9	35.2
3831 Electrical industrial machinery	35.2	34.8	37.5	40.8	19.1	18.5	20.7	22.3	54.1	54.5	40.7	37.5
3832 Radio, television and communication equipm	116.9	121.8	137.5	148.6	67.9	68.7	80.9	85.9	58.1	57.8	39.1	34.7
3833 Electrical appliances and housewares	8.0	7.9	8.1	9.1	3.7	3.4	3.6	4.0	45.9	44.2	30.1	28.9
3839 Other electrical apparatus and supplies	44.2	42.1	44.3	46.3	21.7	21.0	22.3	23.2	49.2	50.2	38.3	36.0
384 Transport equipment	384.8	379.5	417.1	436.1	154.0	158.3	163.4	174.7	40.0	40.1	43.5	38.5
3841 Shipbuilding and repairing	15.9	14.5	15.2	14.9	8.5	8.0	8.5	8.0	54.0	53.8	54.5	54.7
3842 Railroad equipment	4.7	4.5	4.7	5.4	1.8	1.7	2.0	2.2	39.2	41.4	47.3	43.6
3843 Motor vehicles	237.6	227.4	254.0	297.3	78.9	81.7	91.7	100.3	33.2	33.7	38.1	34.7
3844 Motorcycles and bicycles	1.5	1.9	1.9	2.2	0.5	0.7	0.7	0.9	36.5	42.9	36.8	35.1
3845 Aircraft	125.2	131.4	131.3	116.5	64.2	65.2	60.4	53.3	51.3	54.3	48.8	42.3
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	115.6	118.4	124.5	125.3	75.5	77.1	82.8	85.5	55.2	57.7	39.1	35.5
3851 Prof and scientific equipment n e c	88.7	90.9	96.6	97.8	58.4	58.9	64.1	65.5	55.8	57.0	43.7	39.4
3852 Photographic and optical goods	25.5	25.1	27.1	27.7	17.5	17.6	18.3	19.5	58.5	70.6	24.3	22.4
3853 Watches and clocks	1.4	1.4	0.8	0.8	0.7	0.7	0.4	0.4	49.3	53.1	32.8	39.4
390 Other manufacturing industries	34.7	34.5	37.0	39.7	18.7	18.5	20.5	21.7	53.9	54.7	39.3	38.7
3901 Jewellery and related articles	5.8	5.3	5.7	5.9	2.5	2.5	2.5	2.6	45.0	44.0	40.2	43.2
3902 Musical instruments	0.9	0.9	1.0	1.1	0.6	0.5	0.6	0.7	53.2	50.9	41.8	44.7
3903 Sporting and athletic goods	7.0	7.0	7.6	8.4	3.8	3.8	4.2	4.6	53.4	54.7	33.0	31.0
3909 Manufacturing industries, n e c	21.1	21.3	22.8	24.3	11.8	11.2	13.2	13.9	55.1	57.0	40.9	40.2
3 Total manufacturing	2861.3	2814.8	2991.5	3112.4	1322.1	1309.8	1418.1	1481.7	45.2	47.5	35.5	33.9

a/ 3843 include, 3849

United States of America

ISIC Industry	Gross fixed capital formation				Index numbers of industrial production										
	Note	(million DOLLARS)				Note	(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		7690	7900	8438	8068		112	115	118	122	125	127	128	129	127
313 Beverages		1170	1370	1462	1323		108	111	113	117	120	124	125	123	119
314 Tobacco		280	410	389	388		96	93	99	100	98	97	98	102	90
321 Textiles		2710	2490	2657	2950		99	105	112	112	114	112	112	118	119
322 Wearing apparel, except footwear		470	410	583	527	a/	96	99	103	105	108	102	99	100	95
323 Leather and fur products		70	70	78	88	a/b/	85	80	84	87	92	85	74	72	79
324 Footwear, except rubber or plastic		50	30	55	42		68	59	55	51	51	49	42	42	49
331 Wood products, except furniture		1380	1230	1275	1444	b/	130	141	149	155	153	150	139	145	150
332 Furniture and fixtures, excl metal		620	510	509	745		128	133	142	147	149	150	141	143	153
341 Paper and products		10600	8830	7765	7137		116	124	131	135	135	138	137	140	147
342 Printing and publishing		5810	5040	5380	4870		124	132	141	147	153	158	159	164	136
351 Industrial chemicals		11010	11100	10186	9274		112	117	128	131	136	137	137	144	153
352 Other chemicals		4510	5240	6629	6768	b/	118	125	128	138	141	145	147	154	149
353 Petroleum refineries		3820	5600	6140	5986		93	99	100	103	103	104	104	104	107
354 Misc petroleum and coal products		340	300	399	315		93	99	100	104	106	109	108	107	106
355 Rubber products		1060	850	952	1059		123	123	133	141	147	148	141	155	157
356 Plastic products		3410	3470	3934	4085		137	144	155	155	158	171	173	179	179
361 Pottery, china, earthenware		110	140	85	111		...	...	...	...	...	...	...	...	...
362 Glass and products		920	990	1000	881		95	99	100	100	100	101	97	100	104
369 Other non-metallic mineral products		1800	1320	1480	1503		114	117	117	123	122	119	105	106	114
371 Iron and steel		3540	3900	3125	2777		83	74	83	94	91	91	81	85	92
372 Non-ferrous metals		1930	1760	1897	1677		102	100	104	110	114	111	105	105	104
381 Fabricated metal products		3780	3200	3740	3831		107	108	111	118	119	117	111	111	112
382 Non-electrical machinery		8930	8010	8791	8528	c/	115	114	120	135	145	151	148	152	175
383 Electrical machinery		9340	8040	8971	10089		123	121	125	134	138	145	138	144	164
384 Transport equipment		11490	11350	11801	12313		127	132	134	141	144	141	132	132	141
385 Professional and scientific equipment		4030	4240	4302	4104	c/	104	104	107	118	125	125	125	123	110
390 Other manufacturing industries		720	730	953	841	b/	98	103	105	113	121	125	125	123	118
3 Total manufacturing		101580	98540	102855	101822		113	115	120	128	132	132	129	131	137

a/ 323 includes leather gloves.
c/ 382 includes electrical measuring instruments

b/ 390 includes dressing and dyeing of furs, mortician's goods, matches and candles.

URUGUAY

Supplier of information:

Instituto Nacional de Estadística, Oficina de Plancamiento y Presupuesto, Montevideo.

Basic source of data:

Annual survey of the manufacturing industry.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Establishments with 5 or more persons engaged.

Method of enumeration:

Not reported.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Value added is total value added.

Related national publications:

Encuesta Anual de Producción, Sector Industrial (annual), published by the Instituto Nacional de Estadística, Montevideo.

Uruguay

ISIC Industry	Number of establishments				Number of persons engaged				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million NEW PESOS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products						47883	48484	42867	39397		169290	332226	642660	764462	
3111 Slaughtering, preparing & preserving meat						11999	11826	10478	9658						
3112 Dairy products						4702	4600	4666	4661						
3113 Canning, preserving of fruits & vegetables						1033	987	939	676						
3114 Canning, preserving and processing of fish						4603	5308	3845	2719						
3115 Vegetable and animal oils and fats						908	798	703	602						
3116 Grain mill products						3649	3206	3087	2634						
3117 Bakery products						16639	14766	14163	14174						
3118 Sugar factories and refineries						2081	1877	1390	696						
3119 Cocoa, chocolate and sugar confectionery						1243	1119	1170	1028						
3121 Other food products						1482	1876	2140	2424						
3122 Prepared animal feeds						644	393	286	328						
313 Beverages						6609	6242	4998	6071		32733	64391	110941	184131	
3131 Distilling, rectifying and blending spirits						997	827	843	926						
3132 Wine industries						1220	1308	1082	1266						
3133 Malt liquors and malt						1496	1496	1473	1189						
3134 Soft drinks and carbonated waters						1896	1611	1600	1721						
314 Tobacco						649	633	620	614		6070	10621	18621	27796	
321 Textiles						20031	18280	16378	13616		80248	163083	232914	301161	
3211 Spinning, weaving and finishing textiles						13347	12840	11184	8880						
3212 Made-up textile goods excl. wearing apparel						767	726	688	446						
3213 Knitting mills						6087	4061	3840	3616						
3214 Carpets and rugs						119	113	86	82						
3215 Cordage, rope and twine						47	41	41	40						
3219 Other textiles						674	610	690	662						
322 Wearing apparel, except footwear						16186	16610	14888	13092		46061	86723	132863	163604	
323 Leather and fur products						6708	6633	4138	3761		26762	46203	71926	78843	
3231 Tanneries and leather finishing						4667	3749	3446	2460						
3232 Fur dressing and dyeing industries						-	-	-	-						
3233 Leather goods excl. wearing apparel						2141	1884	693	1301						
324 Footwear, except rubber or plastic						3939	3660	4307	3156		7996	13011	28772	36132	
331 Wood products, except furniture						2629	2729	2636	2249		6671	14674	21146	30388	
3311 Sawmills, planing and other wood mills						2211	2211	2108	1866						
3312 Wooden and cane containers						166	134	126	132						
3319 Other wood and cork products						162	384	303	262						
332 Furniture and fixtures, excl. metal						2881	3041	2391	2197		4840	12931	16499	21626	
341 Paper and products						3498	3313	3169	3034		16366	36184	68378	86686	
3411 Pulp, paper and paperboard articles						2124	1731	1614	1637						
3412 Containers of paper and paperboard						849	1039	1029	1046						
3419 Other pulp, paper and paperboard articles						626	643	626	462						
342 Printing and publishing						6060	6606	6378	6769		26902	66996	97617	161102	
351 Industrial chemicals						1726	1667	1269	1223		11811	24672	37437	66708	
3511 Basic chemicals excl. fertilizers						787	744	664	634						
3512 Fertilizers and pesticides						690	606	381	379						
3513 Synthetic resins and plastic materials						361	317	224	210						
352 Other chemicals						6878	6020	6771	6661		48784	90646	164002	246792	
3521 Paints, varnishes and lacquers						767	862	819	916						
3522 Drugs and medicines						2716	2491	2131	2203						
3523 Soap, cleaning preps., perfumes, cosmetics						2617	2261	2366	2232						
3529 Other chemical products						648	416	463	331						
353 Petroleum refineries						2061	1813	1486	616	a/	12173	24242	38326	24662	

354 Misc. petroleum and coal products			148	137	81	78	a/				
355 Rubber products			2728	2378	2100	2061		18626	27496	32849	51316
3551 Tyres and tubes			1608	1340	1193	1169					
3559 Other rubber products			1220	1038	907	882					
356 Plastic products			5030	4731	4801	4382		18483	34460	66419	98179
361 Pottery, china, earthenware			2022	2112	2121	2063		7413	16913	33660	48439
362 Glass and products			1284	1134	939	938		5971	10998	17316	29571
369 Other non-metallic mineral products			4251	4481	4610	4377		15682	34970	58298	85208
3691 Structural clay products			729	883	986	1016					
3692 Cement, lime and plaster			1330	1284	1282	1246					
3699 Other non-metallic mineral products			2192	2314	2342	2116					
371 Iron and steel			1169	1066	767	849		6546	11102	11058	26946
372 Non-ferrous metals			246	256	444	414		970	1601	8576	11170
381 Fabricated metal products			7407	7462	7125	6862		26313	66892	101600	158029
3811 Cutlery, hand tools and general hardware			482	606	590	589					
3812 Furniture and fixtures primarily of metal			679	552	367	423					
3813 Structural metal products			2041	1702	1741	1746					
3819 Other fabricated metal products			4206	4632	4437	4124					
382 Non-electrical machinery			2601	2633	2688	2807		8193	21016	31329	55614
3821 Engines and turbines			-	-	-	-					
3822 Agricultural machinery and equipment			640	614	638	663					
3823 Metal and wood working machinery			17	19	21	19					
3824 Other special industrial machinery			577	779	904	1060					
3825 Office, computing and accounting machinery			328	348	319	266					
3829 Other non-electrical machinery & equipment			1042	1073	806	899					
383 Electrical machinery			4748	4107	4061	3709		19937	36176	66741	86734
3831 Electrical industrial machinery			1193	966	698	762					
3832 Radio, television and communication equipm.			418	317	310	283					
3833 Electrical appliances and housewares			1668	1484	1612	1668					
3839 Other electrical apparatus and supplies			1649	1360	1631	1666					
384 Transport equipment			4860	4611	4023	3646		26666	58519	76663	100680
3841 Shipbuilding and repairing			1210	1610	1104	972					
3842 Railroad equipment			-	-	-	-					
3843 Motor vehicles			3322	2761	2478	2044					
3844 Motorcycles and bicycles			328	360	441	630					
3845 Aircraft			-	-	-	-					
3849 Other transport equipment			-	-	-	-					
385 Professional and scientific equipment			973	989	642	662		4441	11113	8919	14000
3851 Prof. and scientific equipment n e c			763	779	430	432					
3852 Photographic and optical goods			210	210	212	220					
3853 Watches and clocks			-	-	-	-					
390 Other manufacturing industries			2079	2078	2039	1267		5662	11658	17466	17482
3901 Jewellery and related articles			264	271	238	216					
3902 Musical instruments			-	-	-	-					
3903 Sporting and athletic goods			48	83	77	77					
3909 Manufacturing industries, n e c.			1767	1724	1724	964					
3 Total manufacturing			167835	159696	147417	134329		644668	1307202	2090984	2973068

a/ 353 includes 354

Uruguay

ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(billion NEW PESOS)					(billion NEW PESOS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		1818.2	3627.5	5510.7	7588.6		554.1	1308.3	1883.9	2808.7	30.5	37.0	28.7	27.2
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		391.9	858.5	1559.6	2285.2		212.0	536.0	989.1	1472.6	64.1	64.4	15.4	12.5
3131 Distilling, rectifying and blending spirits	
3132 Wine industries	
3133 Malt liquors and malt	
3134 Soft drinks and carbonated waters	
314 Tobacco		133.1	280.3	548.2	777.3		106.2	223.9	449.1	653.6	79.0	84.1	4.8	4.3
321 Textiles		670.1	1223.2	1825.0	2092.9		275.6	559.5	824.6	956.6	41.1	46.2	29.1	31.2
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		364.3	709.4	1237.6	1265.2		130.0	291.0	367.6	437.4	35.7	34.6	34.6	35.1
323 Leather and fur products		252.9	449.5	657.9	757.5		79.0	177.6	262.4	251.0	31.2	33.1	32.6	31.4
3231 Tanneries and leather finishing	
3232 Fur dressing and dyeing industries	
3233 Leather products excl. wearing apparel	
324 Footwear, except rubber or plastic		81.1	136.3	199.0	241.9		22.6	37.9	70.8	67.6	27.7	23.8	35.6	61.1
331 Wood products, except furniture		44.7	73.6	91.7	127.9		22.8	38.8	47.1	68.6	60.9	53.7	29.3	44.3
3311 Sawmills, planing and other wood mills	
3312 Wooden and cane containers	
3319 Other wood and cork products	
332 Furniture and fixtures, excl. metal		31.6	78.4	102.7	168.0		16.3	40.2	56.7	76.1	48.6	44.7	31.6	28.7
341 Paper and products		147.2	295.8	454.7	555.1		59.3	142.8	224.9	251.1	40.3	45.2	25.9	34.1
3411 Pulp, paper and paperboard articles	
3412 Containers of paper and paperboard	
3419 Other pulp, paper and paperboard articles	
342 Printing and publishing		186.2	397.5	570.4	1090.4		95.2	222.3	289.8	578.6	61.1	63.1	28.3	31.3
351 Industrial chemicals		215.8	282.0	355.6	496.9		79.1	118.7	152.3	218.2	36.6	43.9	14.9	26.0
3511 Basic chemicals excl. fertilizers	
3512 Fertilizers and pesticides	
3513 Synthetic resins and plastic materials	
352 Other chemicals		407.6	701.7	1206.2	1854.7		189.5	346.5	624.6	964.6	46.5	62.3	25.7	25.0
3521 Paints, varnishes and lacquers	
3522 Drugs and medicines	
3523 Soap, cleaning preps, perfumes, cosmetics	
3529 Other chemical products	
353 Petroleum refineries		671.2a/	1326.2	1766.7	652.4		279.3	643.5	844.1	339.4	.....	62.0	.....	.....

354 Misc petroleum and coal products	a/	8.3	8.2	18.2	1.7	2.6	2.8	8.5	39.9		
355 Rubber products	110.7	149.3	200.9	290.9	68.1	82.3	108.1	140.1	61.6	48.2	24.4 36.6
3551 Tyres and tubes	...	...	...	...	...	...	...	...	...	...	...
3559 Other rubber products	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	168.4	296.1	531.3	686.5	78.0	131.9	258.0	339.3	45.1	49.4	24.3 28.9
361 Pottery, china, earthenware	39.2	86.2	144.3	172.7	23.9	66.6	96.4	99.8	60.9	67.8	31.0 48.6
362 Glass and products	43.7	68.6	83.5	152.3	24.6	37.9	41.9	81.3	60.3	63.4	24.3 36.4
369 Other non-metallic mineral products	121.2	260.4	400.9	599.8	60.8	111.5	193.8	263.5	41.9	43.9	31.3 32.3
3691 Structural clay products	...	...	...	...	...	...	...	...	...	...	...
3692 Cement, lime and plaster	...	...	...	...	...	...	...	...	...	...	...
3699 Other non-metallic mineral products	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	66.3	100.5	116.4	264.1	35.7	39.1	39.5	109.4	63.9	41.4	15.5 23.7
372 Non-ferrous metals	7.7	12.5	55.1	72.1	3.7	5.4	29.5	41.5	48.0	57.5	26.2 26.9
381 Fabricated metal products	180.5	398.3	563.1	817.4	85.3	212.3	302.3	424.3	47.2	51.9	30.9 37.2
3811 Cutlery, hand tools and general hardware	...	...	...	...	...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal	...	...	...	...	...	...	...	...	...	...	...
3813 Structural metal products	...	...	...	...	...	...	...	...	...	...	...
3819 Other fabricated metal products	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	47.1	95.5	138.2	237.4	25.9	55.3	79.2	138.9	64.9	67.7	31.7 40.6
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	181.1	270.6	521.6	590.5	81.3	134.6	264.7	325.3	44.9	55.1	24.5 26.7
3831 Electrical industrial machinery	...	...	...	...	...	...	...	...	...	...	...
3832 Radio, television and communication equipm.	...	...	...	...	...	...	...	...	...	...	...
3833 Electrical appliances and housewares	...	...	...	...	...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	318.1	601.5	731.7	850.6	150.8	300.6	401.0	409.7	47.4	48.2	17.7 24.6
3841 Shipbuilding and repairing	...	...	...	...	...	...	...	...	...	...	...
3842 Railroad equipment	...	...	...	...	...	...	...	...	...	...	...
3843 Motor vehicles	...	...	...	...	...	...	...	...	...	...	...
3844 Motorcycles and bicycles	...	...	...	...	...	...	...	...	...	...	...
3845 Aircraft	...	...	...	...	...	...	...	...	...	...	...
3849 Other transport equipment	...	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment	37.9	82.1	77.7	124.6	22.4	50.8	41.5	76.5	59.2	61.4	19.5 18.3
3851 Prof. and scientific equipment n.e.c.	...	...	...	...	...	...	...	...	...	...	...
3852 Photographic and optical goods	...	...	...	...	...	...	...	...	...	...	...
3853 Watches and clocks	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	31.0	91.0	201.1	173.0	17.2	37.6	61.1	75.9	65.6	43.9	32.3 23.0
3901 Jewellery and related articles	...	...	...	...	...	...	...	...	...	...	...
3902 Musical instruments	...	...	...	...	...	...	...	...	...	...	...
3903 Sporting and athletic goods	...	...	...	...	...	...	...	...	...	...	...
3909 Manufacturing industries, n.e.c.	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing	6766.7	12958.8	19848.9	25031.0	2786.3	5945.4	8996.9	11893.2	41.2	46.7	23.1 25.4

a/ 353 includes 354.

Uruguay

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million NEW PESOS)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		44465	70927	160452	213876		104	103	100	107	110	108	110	113	108
313 Beverages		14708	61806	52985	55550		74	84	91	87	90	90	89	96	97
314 Tobacco		717	3365	8125	6551		82	82	91	93	100	94	97	116	106
321 Textiles		20890	37746	89277	86994		85	99	106	101	96	100	108	109	98
322 Wearing apparel, except footwear		3584	15367	15986	22088	a/	72	82	89	75	83	84	85	61	60
323 Leather and fur products		10581	13251	22381	29836		87	93	97	84	100	89	88	74	88
324 Footwear, except rubber or plastic		3135	2099	2795	4973	a/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		1547	1002	2482	3346		27	43	63	69	74	86	74	93	...
332 Furniture and fixtures, excl. metal		1452	3973	-193	3594		...	...	...	...	...	...	...	...	...
341 Paper and products		3211	6328	15106	15504		80	99	102	99	94	94	107	115	112
342 Printing and publishing		3539	18536	25188	98192		72	74	84	72	88	66	79	75	77
351 Industrial chemicals		3436	1340	6757	10955	b/	76	94	111	114	115	115	111	111	112
352 Other chemicals		8390	24162	34616	50151	b/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		1313	831	26	25885		74	67	78	79	77	83	84	75	25
354 Misc. petroleum and coal products		90	185	7	255		...	...	...	...	...	...	...	...	...
355 Rubber products		1546	3827	7455	8617		47	59	67	68	80	64	63	52	52
356 Plastic products		5536	12489	29740	24063	c/	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		2227	8769	7747	4374	d/	46	59	77	76	80	84	81	117	120
362 Glass and products		811	4016	6026	5480	d/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		2349	4063	5393	15548	d/	...	...	...	...	...	...	...	...	...
371 Iron and steel		2289	9929	7708	128894		148	166	185	180	180	184	170	161	140
372 Non-ferrous metals		158	267	1007	872		141	147	159	166	153	166	138	167	132
381 Fabricated metal products		4101	7219	16464	30651		53	66	79	70	66	66	61	59	53
382 Non-electrical machinery		1148	2999	-2032	2654		...	...	...	...	...	...	...	...	...
383 Electrical machinery		4687	8385	8753	17028		44	55	66	60	66	62	44	44	36
384 Transport equipment		7387	17536	15104	20741		45	62	96	85	76	77	85	77	77
385 Professional and scientific equipment		1376	4921	3850	11200	c/	69	82	94	78	77	75	78	80	79
390 Other manufacturing industries		154	3632	1206	1693	c/	...	...	...	...	...	...	...	...	...
3- Total manufacturing		154807	348961	545410	899175		74	83	93	90	90	89	90	92	87

a/ 322 includes 324.
c/ 385 includes 390 and 356.

b/ 351 includes 352.
d/ 361 includes 362 and 369.

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Supplier of information:

Oficina Central de Estadística e Informática (OCEI), Presidencia de la República, Caracas. The index numbers of industrial production are compiled by the Banco Central de Venezuela.

Basic source of data:

Annual industrial survey.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Establishments with 5 or more persons engaged.

Method of enumeration:

Establishments with more than 50 persons engaged are completely enumerated, and smaller establishments are sampled. Individual sites are visited by enumerators.

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Both output and value added exclude net revenues from goods shipped in the same condition as received.

Related national publications:

Anuario Estadístico; Encuesta Industrial (annual), both published by the Oficina Central de Estadística e Informática (OCEI), Presidencia de la República, Caracas.

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ISIC Industry	Note	Number of establishments				Note	Number of employees				Note	Wages and salaries paid to employees			
		(numbers)					(thousands)					(million BOLIVARES)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311-2 Food Products		2410	2573	2538	2111	82.3	88.3	89.0	82.7		13503	19637	28724	28032	
3111 Slaughtering, preparing & preserving meat		89	95	97	91	9.7	12.0	13.0	11.7		1247	2441	3500	3253	
3112 Dairy products		84	87	76	81	9.0	9.0	10.0	9.1		1730	2807	3634	3668	
3113 Canning, preserving of fruits & vegetables		36	43	39	31	6.0	6.0	6.0	6.5		1297	1694	2333	2329	
3114 Canning, preserving and processing of fish		13	15	8	14	5.0	5.0	4.0	2.9		538	732	1085	923	
3115 Vegetable and animal oils and fats		17	19	14	11	4.0	5.0	3.0	3.1		783	2022	1037	1245	
3116 Grain mill products		93	95	95	86	7.0	8.0	8.0	8.4		1845	2431	3609	4359	
3117 Bakery products		1781	1892	1924	1535	22.0	23.0	23.0	22.2		2258	3027	4055	4887	
3118 Sugar factories and refineries		68	72	50	51	8.0	8.0	8.0	7.6		1441	1743	2059	2078	
3119 Cocoa, chocolate and sugar confectionery		40	46	38	28	4.0	4.0	4.0	3.9		915	1360	1808	1955	
3121 Other food products		156	171	158	151	5.0	5.0	5.0	5.3		796	855	1211	1951	
3122 Prepared animal feeds		33	38	41	32	2.0	3.0	3.0	3.0		643	824	1183	1374	
313 Beverages		113	112	116	100	16.0	16.0	17.0	16.9		3509	5891	7530	10941	
3131 Distilling, rectifying and blending spirits		44	45	54	36	3.0	3.0	4.0	2.9		879	1133	1644	1191	
3132 Wine industries		3	3	3	2	...	...	...	a/		57	59	109	a/
3133 Malt liquors and malt		7	7	6	6	5.0	5.0	5.0	5.5		1582	3181	3620	5794	
3134 Soft drinks and carbonated waters		59	57	53	56	7.0	7.0	7.0	8.5		1111	1508	2157	3872	
314 Tobacco		33	30	22	22	3.3	3.3	3.3	3.7		1080	1472	2661	3428	
321 Textiles		219	215	227	175	25.1	24.0	24.0	20.5		4533	5508	7032	8481	
3211 Spinning, weaving and finishing textiles		144	140	147	123	21.7	20.2	20.5	17.4		4144	4988	6279	7701	
3212 Made-up textile goods excl. wearing apparel		37	39	46	25	1.0	1.0	1.0	0.6		113	140	211	174	
3213 Knitting mills		5	3	3	3	...	...	...	0.1		53	55	68	22
3214 Carpets and rugs		15	14	15	14	1.0	1.0	1.0	1.0		124	195	220	309	
3215 Cordage, rope and twine		12	13	11	6	1.0	1.0	1.0	1.2		155	195	213	220	
3219 Other textiles		6	6	5	4	...	...	...	0.1		24	34	41	55
322 Wearing apparel, except footwear		873	927	884	971	28.4	29.0	28.2	27.7		3547	4689	5801	7034	
323 Leather and fur products		108	113	114	93	4.1	4.8	5.2	4.4		543	714	1028	1197	
3231 Tanneries and leather finishing		-	-	-	-	-	-	-	-		-	-	-	-	
3232 Fur dressing and dyeing industries		23	24	25	20	3.0	3.0	3.0	3.0		394	513	721	848	
3233 Leather prods. excl. wearing apparel		85	89	89	72	1.0	2.0	2.0	1.4		149	201	307	349	
324 Footwear, except rubber or plastic		526	572	495	497	16.1	17.6	16.5	15.8		1803	2590	3450	4307	
331 Wood products, except furniture		265	278	304	248	6.8	7.2	7.7	6.4		737	1063	1605	1569	
3311 Sawmills, planing and other wood mills		213	223	255	213	6.0	6.0	7.0	5.8		550	936	1414	1420	
3312 Wooden and cane containers		3	5	5	1	...	...	...	a/		3	12	11	a/
3319 Other wood and cork products		49	50	44	34	1.0	1.0	1.0	0.6		84	115	180	148	
332 Furniture and fixtures, excl. metal		779	791	942	732	12.2	14.0	15.0	14.7		1313	2124	2856	4115	
341 Paper and products		109	105	104	83	13.3	15.2	14.0	11.8		3373	4789	5782	5991	
3411 Pulp, paper and paperboard articles		32	33	26	19	8.0	9.2	8.0	7.0		2306	3155	3668	3733	
3412 Containers of paper and paperboard		60	57	58	45	4.0	5.0	5.0	3.7		920	1451	1844	1855	
3419 Other pulp, paper and paperboard articles		17	15	20	19	1.0	1.0	1.0	1.1		147	183	270	402	
342 Printing and publishing		633	690	619	529	18.5	20.5	19.1	17.6		3495	4551	6013	7158	
351 Industrial chemicals		112	123	118	113	12.3	13.4	13.2	12.9		3475	7752	9308	14049	
3511 Basic chemicals excl. fertilizers		74	75	74	78	5.1	6.6	6.5	6.8		1529	3399	4035	7525	
3512 Fertilizers and pesticides		14	15	14	11	3.6	3.7	3.6	3.3		987	2913	3343	3976	
3513 Synthetic resins and plastic materials		24	33	30	24	2.6	3.1	3.1	2.7		859	1440	1930	2548	
352 Other chemicals		291	294	296	268	28.1	30.9	31.0	28.9		7525	11932	15503	18809	
3521 Paints, varnishes and lacquers		40	42	44	44	3.0	4.0	3.0	3.2		743	1284	1545	2190	
3522 Drugs and medicines		74	65	60	61	8.8	9.2	9.1	8.9		2583	3578	4615	6251	
3523 Soap, cleaning preps., perfumes, cosmetics		85	89	90	77	11.0	12.0	13.0	11.2		2925	4920	6595	7228	
3529 Other chemical products		92	98	102	86	5.0	6.0	5.0	5.7		1275	2150	2747	3110	
353 Petroleum refineries		14	13	11	10	7.1	7.8	7.7	6.6		2852	7360	7715	10023	

354 Misc. petroleum and coal products	26	21	19	23	1.1	1.3	1.3	1.4	191	272	268	494
355 Rubber products	52	62	62	69	5.9	7.4	7.4	6.7	1634	2200	2858	2967
3551 Tyres and tubes	24	20	22	21	4.0	4.0	4.0	4.1	1304	1701	2202	2248
3559 Other rubber products	28	42	40	48	2.0	3.0	3.0	2.6	230	499	656	719
356 Plastic products	424	440	446	420	21.4	23.2	22.0	21.8	3369	4853	6905	7744
361 Pottery, china, earthenware	30	38	29	29	2.3	3.0	3.1	3.5	466	662	1064	1668
362 Glass and products	78	74	60	62	6.2	6.6	7.0	6.2	1193	1616	2168	2647
369 Other non-metallic mineral products	488	506	498	446	21.0	20.9	22.0	20.4	3988	5163	7623	9316
3691 Structural clay products	95	81	82	79	8.0	7.0	7.0	7.0	1152	1373	2013	2431
3692 Cement, lime and plaster	38	40	34	28	5.0	5.0	5.0	5.3	1640	2074	3223	4066
3699 Other non-metallic mineral products	355	385	382	339	8.0	9.0	9.0	8.1	1196	1716	2387	2818
371 Iron and steel	150	198	159	142	27.1	27.6	26.3	22.9	9706	12611	8097	12117
372 Non-ferrous metals	97	108	84	65	16.1	14.9	13.1	12.7	4170	6616	6949	9703
381 Fabricated metal products	1162	1194	1209	984	34.4	34.8	38.2	31.3	6160	7073	10139	11009
3811 Cutlery, hand tools and general hardware	106	105	142	98	5.0	5.0	6.0	5.3	704	977	1553	1600
3812 Furniture and fixtures primarily of metal	163	177	161	99	3.0	3.0	3.0	2.4	371	602	648	748
3813 Structural metal products	728	743	723	667	16.0	16.0	16.0	12.6	2186	3175	4060	4192
3819 Other fabricated metal products	135	169	183	120	11.0	10.0	11.0	10.9	1900	2419	3868	4469
382 Non-electrical machinery	278	314	308	253	14.3	18.3	17.4	16.2	2360	3967	5115	6682
3821 Engines and turbines	1	-	-	1	-	-	-	a/	-	-	-	a/
3822 Agricultural machinery and equipment	28	43	29	26	1.0	1.0	1.0	1.0	96	186	186	197
3823 Metal and wood working machinery	17	15	13	3	-	-	-	0.1	111	40	56	50
3824 Other special industrial machinery	51	59	55	49	1.0	2.0	2.0	2.1	203	467	606	621
3825 Office, computing and accounting machinery	13	13	10	9	0.2	0.4	0.3	0.3	48	96	116	153
3829 Other non-electrical machinery & equipment	168	184	201	166	11.0	16.0	14.0	12.7	1902	3180	4161	4649
383 Electrical machinery	239	246	237	204	16.6	19.0	19.0	16.4	3366	4960	6572	7743
3831 Electrical industrial machinery	95	105	99	92	6.0	9.0	9.0	7.6	1298	2402	3213	3941
3832 Radio, television and communication equipm.	41	38	28	21	3.4	2.6	2.6	1.6	684	656	874	628
3833 Electrical appliances and housewares	9	11	9	8	1.0	1.0	1.0	1.1	169	258	313	424
3839 Other electrical apparatus and supplies	94	92	101	83	6.0	6.0	6.0	6.0	1216	1646	2172	2760
384 Transport equipment	246	270	253	234	16.6	19.2	20.7	19.9	3480	5286	6286	10154
3841 Shipbuilding and repairing	18	20	17	17	0.9	0.9	1.0	0.8	136	201	522	293
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	208	229	220	206	15.1	17.6	19.1	18.6	3272	5006	7682	9799
3844 Motorcycles and bicycles	15	16	15	10	-	-	-	0.3	43	68	100	61
3845 Aircraft	1	1	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	4	4	1	1	-	-	-	a/	9	12	2	a/
385 Professional and scientific equipment	53	58	51	43	2.8	3.1	3.0	2.6	603	834	1622	1437
3851 Prof. and scientific equipment n e c	40	45	40	37	2.0	2.0	2.0	2.3	531	696	1347	1364
3852 Photographic and optical goods	12	12	10	5	-	1.0	-	0.3	69	136	169	76
3853 Watches and clocks	1	1	1	1	-	-	-	a/	3	4	6	a/
390 Other manufacturing industries	170	175	169	148	6.0	6.3	6.3	5.8	885	1133	1665	2140
3901 Jewellery and related articles	28	22	23	18	-	-	-	0.3	87	80	98	117
3902 Musical instruments	1	2	-	1	-	-	-	a/	-	-	-	a/
3903 Sporting and athletic goods	10	10	4	8	-	-	-	0.1	23	33	22	40
3909 Manufacturing industries, n e c	131	141	142	121	5.0	6.0	6.0	5.4	765	1020	1645	1981
3 Total manufacturing	9978	10540	10374	8974	464.4	497.6	494.7	458.3	92009	137417	169329	209664

a/ Data suppressed due to confidentiality rules.

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ISIC Industry	Note	Output in producers' prices				Note	Value added in producers' prices				Share of value added in output		Share of wages and salaries in value added	
		(million BOLIVARES)					(million BOLIVARES)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		185081	263372	348019	437330	56737	76857	107310	121258	30.7	27.7	23.8	23.1	
3111 Slaughtering, preparing & preserving meat		22883	41853	62156	65542	4027	6516	12076	10619	17.6	16.0	31.0	30.9	
3112 Dairy products		27393	41185	61573	65276	6812	9633	14601	16488	24.9	26.3	25.4	22.2	
3113 Canning, preserving of fruits & vegetables		11597	15841	23169	30887	4799	7046	11175	11118	41.4	36.0	27.0	20.9	
3114 Canning, preserving and processing of fish		4048	5885	8333	11762	1371	1805	2326	4482	33.9	37.9	39.2	20.7	
3115 Vegetable and animal oils and fats		17086	24652	16852	39480	5782	8579	4557	10612	33.8	26.6	13.5	11.8	
3116 Grain mill products		40194	50296	62267	87311	13863	17028	21200	26477	34.5	30.3	13.3	16.5	
3117 Bakery products		18193	24275	30794	39531	6931	7292	10413	10909	32.6	27.6	38.2	44.8	
3118 Sugar factories and refineries		10707	13078	19212	18698	3444	3898	8557	6255	32.2	33.6	41.8	33.2	
3119 Cocoa, chocolate and sugar confectionery		7305	11094	17548	18122	3544	5350	6976	9129	48.6	50.4	25.8	21.4	
3121 Other food products		9060	11340	14779	20838	3172	4167	5289	6340	35.0	30.4	25.1	30.9	
3122 Prepared animal feeds		16615	23873	33296	39883	3992	5543	8140	9049	24.0	22.7	16.1	15.2	
313 Beverages		44590	65975	93812	139029	27350	37409	55223	73095	61.3	52.6	13.2	15.0	
3131 Distilling, rectifying and blending spirits		7821	12262	21805	21612	4126	5723	11996	8047	52.8	37.2	21.3	14.8	
3132 Wine industries		530	587	971	a/	279	298	453	a/	52.6		20.4		
3133 Malt liquors and malt		23542	34330	47846	81308	16572	22537	31707	49037	70.4	60.3	9.4	11.8	
3134 Soft drinks and carbonated waters		12697	18696	23190	35595	6373	8851	11057	16837	60.2	44.6	17.4	24.4	
314 Tobacco		16338	23526	34357	51904	12826	19639	28906	34877	78.5	67.2	8.4	9.8	
321 Textiles		33356	43027	48470	51126	13658	16642	19685	17475	40.9	34.2	33.9	48.5	
3211 Spinning, weaving and finishing textiles		29810	38439	43228	48266	12480	14121	17620	16745	41.9	34.0	33.2	48.9	
3212 Made-up textile goods excl. wearing apparel		599	850	1327	1066	220	291	603	401	36.7	37.6	51.4	43.4	
3213 Knitting mills		786	408	497	122	162	111	115	45	20.6	36.9	38.9	48.9	
3214 Carpets and rugs		930	1790	1725	1927	386	629	726	747	41.5	38.8	32.1	41.4	
3215 Cordage, rope and twine		745	954	1138	1102	303	362	484	418	40.7	37.9	64.5	52.6	
3219 Other textiles		486	586	555	643	107	128	138	119	22.0	18.5	22.4	46.2	
322 wearing apparel, except footwear		20114	26532	35803	40479	7487	11052	16656	-13339	37.2		47.4		
323 Leather and fur products		5973	9031	10253	10776	1853	2767	3044	2653	31.0	24.6	29.3	45.1	
3231 Tanneries and leather finishing		-	-	-	-	-	-	-	-	-	-	-	-	
3232 Fur dressing and dyeing industries		5055	7855	8763	8608	1559	2385	2498	2022	30.8	23.5	25.3	41.9	
3233 Leather prods. excl. wearing apparel		918	1176	1490	2168	294	382	546	631	32.0	29.1	50.7	55.3	
324 Footwear, except rubber or plastic		12747	17851	22187	45301	4210	6306	8079	18652	33.0	41.2	42.8	23.1	
331 Wood products, except furniture		4235	6317	10144	9377	1698	2367	3858	3313	40.1	36.3	43.4	47.4	
3311 Sawmills, planing and other wood mills		3745	5530	9241	8416	1513	2068	3480	2937	40.4	34.9	43.0	48.3	
3312 Wooden and cane containers		18	28	41	a/	5	14	12	a/	27.8		60.0		
3319 Other wood and cork products		472	759	862	947	180	285	366	372	38.1	39.3	46.7	39.8	
332 Furniture and fixtures, excl. metal		7735	13189	18902	24146	3037	5170	7378	8592	39.3	35.6	43.2	47.9	
341 Paper and products		34598	54466	56555	67277	12983	20882	21395	23682	37.5	35.2	26.0	25.3	
3411 Pulp, paper and paperboard articles		24074	35496	35854	44787	9459	13887	14913	16496	39.3	36.8	24.4	22.6	
3412 Containers of paper and paperboard		9088	16973	17851	18243	3132	6478	5512	6245	34.6	34.2	29.4	29.7	
3419 Other pulp, paper and paperboard articles		1436	1997	2840	4247	392	517	959	941	27.3	22.2	37.5	42.7	
342 Printing and publishing		23087	32715	39538	62536	8564	12638	17630	28463	37.1	45.5	40.9	26.2	
351 Industrial chemicals		48815	79739	94150	132487	20792	38823	44182	51684	42.6	39.0	16.7	27.2	
3511 Basic chemicals excl. fertilizers		18249	34087	39347	62965	8854	18099	19379	26771	48.5	42.5	18.4	28.1	
3512 Fertilizers and pesticides		12591	20981	26454	30492	5459	8020	14407	10915	43.4	35.8	18.1	36.4	
3513 Synthetic resins and plastic materials		17975	24671	28349	39030	6479	10704	10396	13998	36.0	35.9	13.3	18.2	
352 Other chemicals		60085	89464	123500	154119	31046	44840	65726	61138	51.7	39.7	24.6	30.8	
3521 Paints, varnishes and lacquers		8010	14174	21161	24005	2534	5881	11271	9071	31.6	37.8	29.3	24.1	
3522 Drugs and medicines		17667	24772	32837	49438	10279	13292	17836	24198	58.2	48.9	26.1	26.0	
3523 Soap, cleaning preps, perfumes, cosmetics		24771	36065	51118	60074	13595	19243	28458	20655	64.9	34.4	21.5	36.0	
3529 Other chemical products		9637	14453	18384	20602	4538	6424	8161	7214	48.1	35.0	27.5	43.1	
353 Petroleum refineries		274885	241740	294458	357784	222042	152726	221006	268649	80.8	75.1	1.3	3.7	

354 Misc petroleum and coal products	1823	3025	3635	5657	899	1451	1476	1236	49.3	21.8	21.2	40.0
355 Rubber products	13599	19639	24786	36126	6518	8101	11323	16575	47.9	45.9	23.5	17.9
3551 Tyres and tubes	12286	16368	21191	30630	5940	8819	9799	14713	48.3	48.2	22.0	15.3
3559 Other rubber products	1313	3171	3578	5596	578	1282	1624	1862	44.0	33.3	39.8	38.6
356 Plastic products	25645	40223	43440	60261	10078	14620	17508	19298	39.3	32.0	33.4	40.1
361 Pottery, china, earthenware	1534	2490	3981	6790	844	1542	2627	3557	65.0	62.4	64.0	44.1
362 Glass and products	8920	13290	18631	29981	5124	7396	11401	14976	67.4	49.9	23.3	17.0
369 Other non-metallic mineral products	25910	37085	52469	74244	13814	18556	26365	32321	52.5	43.5	29.3	28.8
3691 Structural clay products	7920	9352	12200	17153	4155	4838	6423	8630	52.5	50.3	27.7	28.2
3692 Cement, lime and plaster	10503	15630	22318	35195	6099	8565	12827	17163	56.1	47.4	26.9	23.7
3699 Other non-metallic mineral products	7487	12083	17951	20896	3367	5263	7115	6528	44.8	31.2	35.5	43.2
371 Iron and steel	68691	89780	106981	133318	23378	41273	52959	44390	34.0	33.3	41.5	27.3
372 Non-ferrous metals	75923	79172	86197	125953	36942	23844	22299	39899	48.7	31.7	11.3	24.3
381 Fabricated metal products	44449	62848	85459	100721	15770	21478	30976	37586	35.5	37.3	32.7	29.3
3811 Cutlery, hand tools and general hardware	4996	6370	10688	11930	2153	2696	4719	5141	43.1	43.1	32.7	31.1
3812 Furniture and fixtures primarily of metal	2402	3146	4163	4556	869	1198	1535	1398	36.2	30.7	42.7	53.6
3813 Structural metal products	13257	20388	26356	26220	8238	7893	10769	10566	39.5	40.3	41.7	39.7
3819 Other fabricated metal products	23794	32944	44352	58015	7510	9691	13953	20482	31.6	35.3	25.3	21.8
382 Non-electrical machinery	20014	36713	44594	52798	8434	13238	18466	19417	42.1	36.8	28.0	28.7
3821 Engines and turbines	-	-	-	a/	-	-	-	a/	-	-	-	-
3822 Agricultural machinery and equipment	553	1239	1209	1373	252	535	552	470	45.5	34.2	38.1	41.9
3823 Metal and wood working machinery	1040	232	307	1068	606	82	138	123	58.3	42.6	18.3	40.7
3824 Other special industrial machinery	1770	5864	5350	6041	878	2795	2630	2415	49.5	40.0	23.1	25.7
3825 Office, computing and accounting machinery	261	436	509	1389	187	275	392	993	71.5	71.5	25.7	15.4
3829 Other non-electrical machinery & equipment	16390	28942	37219	43642	6511	9549	14744	15394	39.7	35.3	29.2	29.6
383 Electrical machinery	27768	38353	52056	65429	11505	14053	20221	22253	41.4	34.0	29.2	34.8
3831 Electrical industrial machinery	8508	14119	18357	23023	4045	5856	8053	8912	47.5	38.7	32.1	44.2
3832 Radio, television and communication equipm.	5590	7018	9045	11148	2188	2190	3046	3408	39.1	30.5	31.3	18.4
3833 Electrical appliances and housewares	1526	2506	3365	5363	897	1204	1912	2581	58.8	48.1	17.7	15.4
3839 Other electrical apparatus and supplies	12144	14712	21289	25895	4375	4803	7210	7352	35.0	28.4	27.8	37.4
384 Transport equipment	36229	82339	130440	174977	9286	27246	42048	55535	25.5	37.5	37.3	15.5
3841 Shipbuilding and repairing	656	1027	1801	1584	275	447	916	552	41.9	34.8	49.5	53.1
3842 Railroad equipment	-	-	-	-	-	-	-	-	-	-	-	-
3843 Motor vehicles	35073	80298	127204	172827	6854	25511	40742	54912	25.2	37.5	37.0	15.1
3844 Motorcycles and bicycles	445	925	1416	541	135	259	382	166	30.5	30.7	31.5	35.7
3845 Aircraft	2	2	-	-	-	-	-	-	-	-	-	-
3849 Other transport equipment	53	87	19	a/	19	29	8	a/	35.5	-	47.4	-
385 Professional and scientific equipment	4101	7063	7150	13655	1740	3558	3557	4009	42.4	29.3	34.7	35.8
3851 Prof and scientific equipment n e c	3785	6328	6229	13235	1585	3274	3421	3847	41.9	29.1	33.5	35.2
3852 Photographic and optical goods	308	722	904	404	147	377	435	150	48.0	37.1	45.9	50.0
3853 Watches and clocks	10	13	17	a/	7	7	11	a/	70.0	-	42.9	-
390 Other manufacturing industries	5338	6940	9335	11373	2622	3299	4510	4341	49.1	38.2	33.0	49.3
3901 Jewellery and related articles	558	555	585	1209	195	204	204	354	35.1	29.3	44.4	33.1
3902 Musical instruments	4	14	-	a/	-	4	-	-	25.0	-	-	-
3903 Sporting and athletic goods	155	217	330	297	81	95	98	114	52.3	38.4	28.4	35.1
3909 Manufacturing industries, n e c	4521	6154	8320	9853	2343	2995	4308	3870	50.7	39.2	32.2	51.2
3 Total manufacturing	1131583	1485784	1898282	2474954	571028	644893	885023	1025579	50.5	41.4	16.1	20.4

a/ Data suppressed due to confidentiality rules

Venezuela

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million BOLIVARES)					(1980=100)								
		1990	1991	1992	1993		1986	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		7129	8471	14464	15862		212	246	306	374	703	...	...	...	...
313 Beverages		1145	3483	4184	7041		176	203	280	367	674	...	...	...	...
314 Tobacco		210	787	1621	760		119	101	140	173	291	...	...	...	...
321 Textiles		976	3089	-122	5597		185	216	331	461	613	...	...	...	...
322 Wearing apparel, except footwear		781	758	915	271		140	152	214	296	350	...	...	...	...
323 Leather and fur products		222	314	397	68		204	271	441	578	717	...	...	...	...
324 Footwear, except rubber or plastic		337	692	852	768		...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		160	668	424	241		121	148	203	304	308	...	...	...	...
332 Furniture and fixtures, excl metal		187	197	386	118		110	137	185	264	226	...	...	...	...
341 Paper and products		3986	3066	5159	1789		206	243	347	471	796	...	...	...	...
342 Printing and publishing		1160	4390	3206	12314		206	231	366	469	662	...	...	...	...
351 Industrial chemicals		4123	5060	15004	10322		191	247	440	576	1055	...	...	...	...
352 Other chemicals		1834	3304	3920	5901		176	206	338	418	628	...	...	...	...
353 Petroleum refineries		8329	16802	29691	84340	a/	143	200	282	392	431	...	...	...	...
354 Misc petroleum and coal products		77	289	631	108	a/	...	...	...	...	...	...	...	...	...
355 Rubber products		474	642	2018	1263		171	204	289	313	609	...	...	...	...
356 Plastic products		1362	9177	2975	2320		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		655	320	219	1118		...	...	...	...	...	...	...	...	...
362 Glass and products		640	2606	3401	2979		...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		6761	4403	4686	3247		120	166	216	252	391	...	...	...	...
371 Iron and steel		12917	10737	21572	35485		119	173	272	386	608	...	...	...	...
372 Non-ferrous metals		14978	8774	8671	25421		...	...	...	...	...	...	...	...	...
381 Fabricated metal products		1532	3171	3763	6032		166	184	262	301	447	...	...	...	...
382 Non-electrical machinery		757	1419	2110	1094		184	232	376	531	748	...	...	...	...
383 Electrical machinery		1369	1026	2643	2292		101	119	213	273	376	...	...	...	...
384 Transport equipment		1187	1511	2779	4042		129	180	266	308	200	...	...	...	...
385 Professional and scientific equipment		430	192	166	3154		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		185	266	439	383		110	134	177	244	290	...	...	...	...
3 Total manufacturing		73893	96693	136073	234338		...	...	...	...	...	...	...	...	...

a/ 353 includes 354

YEMEN

Supplier of information:

Ministry of Planning and Development, Central Statistical Organisation, Republic of Yemen, Sana'a

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Small and medium scale industry is not included.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

Related national publications:

Statistical Yearbook 1991, Ministry of Planning and Development, Central Statistical Organization, Republic of Yemen, Sana'a.

Yemen

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(thousand RIALS)			
		1988	1989	1990	1991		1988	1989	1990	1991		1988	1989	1990	1991
311/2 Food Products	a/	58	61	60	60	a/	9483	10017	10087	11236					
313 Beverages	a/	...	...	...	...	a/	...	...	...	...	
314 Tobacco	a/	...	...	...	...	a/	...	...	...	...	
321 Textiles	b/	28	29	29	28	b/	4183	4144	4179	3618					
322 Wearing apparel, except footwear	b/	...	...	...	...	b/	...	...	...	...	
323 Leather and fur products	b/	...	...	...	...	b/	...	...	...	...	
324 Footwear, except rubber or plastic	b/	...	...	...	...	b/	...	...	...	...	
331 Wood products, except furniture	c/	6	6	6	6	c/	1071	1044	1000	1007					
332 Furniture and fixtures, excl metal	c/	...	...	...	...	c/	...	...	...	...	
341 Paper and products	d/	9	9	9	10	d/	776	787	942	1241					
342 Printing and publishing	d/	...	...	...	...	d/	...	...	...	...	
351 Industrial chemicals	e/	42	47	48	50	e/	5432	5830	5294	5351					
352 Other chemicals	e/	...	...	...	...	e/	...	...	...	...	
353 Petroleum refineries	e/	...	...	...	...	e/	...	...	...	...	
354 Misc petroleum and coal products	e/	...	...	...	...	e/	...	...	...	...	
355 Rubber products	e/	...	...	...	...	e/	...	...	...	...	
356 Plastic products	e/	...	...	...	...	e/	...	...	...	...	
361 Pottery, china, earthenware	f/	20	19	17	18	f/	1842	1862	1804	1851					
362 Glass and products	f/	...	...	...	...	f/	...	...	...	...	
369 Other non-metallic mineral products	f/	...	...	...	...	f/	...	...	...	...	
371 Iron and steel	g/	30	27	23	27	g/	1863	1779	1551	1626					
372 Non-ferrous metals	g/	...	...	...	...	g/	...	...	...	...	
381 Fabricated metal products	g/	...	...	...	...	g/	...	...	...	...	
382 Non-electrical machinery	g/	...	...	...	...	g/	...	...	...	...	
383 Electrical machinery	g/	...	...	...	...	g/	...	...	...	...	
384 Transport equipment	g/	...	...	...	...	g/	...	...	...	...	
386 Professional and scientific equipment	g/	...	...	...	...	g/	...	...	...	...	
390 Other manufacturing industries		...	...	...	...		...	...	...	...
3 Total manufacturing		193	198	192	199		24620	25463	25857	26831					

a/ 311/2 includes 313 and 314

c/ 331 includes 332

e/ 351 includes 352, 353, 354, 355 and 356

g/ 371 includes 372, 381, 382, 383, 384 and 385

b/ 321 includes 322, 323 and 324

d/ 341 includes 342

f/ 361 includes 362 and 369

Yemen

ISIC Industry	Note	Output (thousand RIALS)				Note	Value added (thousand RIALS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1988	1989	1990	1991		1988	1989	1990	1991	1988	1991	1988	1991
		311/2 Food Products	a/	5796864	8194634		7470834	10683030
313 Beverages	a/	...	...	...	...	...	...	...	...	...	...	...	...
314 Tobacco	a/	...	...	...	...	...	...	...	...	...	...	...	...
321 Textiles	b/	417055	449061	427792	637881	...	...	...	...	...	...	...	...
322 wearing apparel, except footwear	b/	...	...	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products	b/	...	...	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic	b/	...	...	...	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture	c/	109169	111574	109655	128081	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal	c/	...	...	...	...	...	...	...	...	...	...	...	...
341 Paper and products	d/	368450	446121	556599	842982	...	...	...	...	...	...	...	...
342 Printing and publishing	d/	...	...	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	e/	3005548	3261061	4115698	6857475	...	...	...	...	...	...	...	...
352 Other chemicals	e/	...	...	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	e/	...	...	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	e/	...	...	...	...	...	...	...	...	...	...	...	...
355 Rubber products	e/	...	...	...	...	...	...	...	...	...	...	...	...
356 Plastic products	e/	...	...	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	f/	840918	698357	985972	1046385	...	...	...	...	...	...	...	...
362 Glass and products	f/	...	...	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	f/	...	...	...	...	...	...	...	...	...	...	...	...
371 Iron and steel	g/	259588	299802	277413	269564	...	...	...	...	...	...	...	...
372 Non-ferrous metals	g/	...	...	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	g/	...	...	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	g/	...	...	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery	g/	...	...	...	...	...	...	...	...	...	...	...	...
384 Transport equipment	g/	...	...	...	...	...	...	...	...	...	...	...	...
386 Professional and scientific equipment	g/	...	...	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	g/	...	...	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		10755590	11460510	13943960	20465500	...	...	...	...	...	...	...	...

a/ 311/2 includes 313 and 314.

c/ 331 includes 332

e/ 351 includes 352, 353, 354, 355 and 356

g/ 371 includes 372, 381, 382, 383, 384 and 385

b/ 321 includes 322, 323 and 324.

d/ 341 includes 342.

f/ 361 includes 362 and 369.

Yemen

ISIC Industry	Gross fixed capital formation					Index numbers of industrial production										
	Note	(thousand RIALS)				Note	(1980=100)									
		1988	1989	1990	1991		1985	1986	1987	1988	1989	1990	1991	1992	1993	
311/2 Food Products																
313 Beverages																
314 Tobacco																
321 Textiles																
322 wearing apparel, except footwear																
323 Leather and fur products																
324 Footwear, except rubber or plastic																
331 wood products, except furniture																
332 Furniture and fixtures, excl metal																
341 Paper and products																
342 Printing and publishing																
351 Industrial chemicals																
352 Other chemicals																
353 Petroleum refineries							116	109	114	116	117	148	168	207	203	
354 Misc petroleum and coal products																
355 Rubber products																
356 Plastic products																
361 Pottery, china, earthenware																
362 Glass and products																
369 Other non-metallic mineral products																
371 Iron and steel																
372 Non-ferrous metals																
381 Fabricated metal products																
382 Non-electrical machinery																
383 Electrical machinery																
384 Transport equipment																
385 Professional and scientific equipment																
390 Other manufacturing industries																
3 Total manufacturing																

YUGOSLAVIA

Supplier of information:

Federal Statistical Organization, Federal Republic of Yugoslavia, Belgrade.

Basic source of data:

Not reported.

Major deviations from current version of ISIC:

None reported.

Reference period (if not calendar year):

Scope:

Prior to 1992, data refer to the two republics, Serbia and Montenegro, which were part of the Socialist Federal Republic of Yugoslavia. Beginning in 1992, data refer to the Federal Republic of Yugoslavia, which is composed of these two republics.

Method of enumeration:

Not reported.

Adjusted for non-response:

Not reported.

Concepts and definitions of variables:

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

Related national publications:

Yugoslavia

ISIC Industry	Number of establishments				Number of employees				Wages and salaries paid to employees						
	Note	(numbers)				Note	(numbers)				Note	(million DINARS)			
		1990	1991	1992	1993		1990	1991	1992	1993		1990	1991	1992	1993
311/2 Food Products		589	966	1891	2585		...	...	...	...		...	...	...	...
313 Beverages		88	139	383	641		...	...	...	...		...	...	...	...
314 Tobacco		22	19	22	23		...	...	...	...		...	...	...	...
321 Textiles		307	492	962	1227		...	...	...	...		...	...	...	...
322 Wearing apparel, except footwear		332	523	949	1204		...	...	...	...		...	...	...	...
323 Leather and fur products		96	135	237	305		...	...	...	...		...	...	...	...
324 Footwear except rubber or plastic		76	106	150	192		...	...	...	...		...	...	...	...
331 Wood products, except furniture		386	787	2286	2851		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		96	201	420	641		...	...	...	...		...	...	...	...
341 Paper and products		98	208	589	829		...	...	...	...		...	...	...	...
342 Printing and publishing		365	582	1098	1503		...	...	...	...		...	...	...	...
351 Industrial chemicals		64	89	200	263		...	...	...	...		...	...	...	...
352 Other chemicals		111	196	493	705		...	...	...	...		...	...	...	...
353 Petroleum refineries		6	7	4	4		...	...	...	...		...	...	...	...
354 Misc. petroleum and coal products		1	1	3	2		...	...	...	...		...	...	...	...
355 Rubber products		41	57	92	132		...	...	...	...		...	...	...	...
356 Plastic products		177	332	854	1172		...	...	...	...		...	...	...	...
361 Pottery, china, earthenware		15	22	44	65		...	...	...	...		...	...	...	...
362 Glass and products		17	30	44	57		...	...	...	...		...	...	...	...
369 Other non-metallic mineral products		144	221	366	511		...	...	...	...		...	...	...	...
371 Iron and steel		21	22	28	30		...	...	...	...		...	...	...	...
372 Non-ferrous metals		36	48	37	105		...	...	...	...		...	...	...	...
381 Fabricated metal products		658	1201	2903	4272		...	...	...	...		...	...	...	...
382 Non-electrical machinery		144	214	339	439		...	...	...	...		...	...	...	...
383 Electrical machinery		478	875	1642	2263		...	...	...	...		...	...	...	...
384 Transport equipment		129	180	288	338		...	...	...	...		...	...	...	...
385 Professional and scientific equipment		33	50	120	162		...	...	...	...		...	...	...	...
390 Other manufacturing industries		68	108	222	338		...	...	...	...		...	...	...	...
3 Total manufacturing		4596	7820	16656	22839		...	...	...	...		...	...	...	...

Yugoslavia

ISIC Industry	Note	Output				Note	Value added				Share of value added in output		Share of wages and salaries in value added	
		(million DINARS)					(million DINARS)				(percentage)		(percentage)	
		1990	1991	1992	1993		1990	1991	1992	1993	1990	1993	1990	1993
311/2 Food Products		5720	12050	1019739	....	2108	4841	490110	....	36.8	....	....	....
313 Beverages		799	1757	139692	....	397	842	76544	....	49.7	....	....	....
314 Tobacco		246	538	65026	....	116	357	33515	....	46.7	....	....	....
321 Textiles		1654	2968	241919	....	824	1649	150859	....	49.8	....	....	....
322 wearing apparel, except footwear		1032	1965	157847	....	548	1187	111365	....	53.1	....	....	....
323 leather and fur products		316	596	51436	....	131	312	29511	....	41.5	....	....	....
324 Footwear, except rubber or plastic		547	809	74134	....	224	377	41415	....	41.0	....	....	....
331 Wood products, except furniture		470	917	84852	....	184	406	45468	....	39.1	....	....	....
332 Furniture and fixtures, excl. metal		467	967	86600	....	206	446	46598	....	44.1	....	....	....
341 Paper and products		554	1544	103272	....	189	587	54607	....	34.1	....	....	....
342 Printing and publishing		1112	2350	141790	....	639	1280	85295	....	67.6	....	....	....
351 Industrial chemicals		1311	2654	131060	....	307	790	75633	....	23.4	....	....	....
352 Other chemicals		1269	2967	319442	....	545	1651	226168	....	42.9	....	....	....
353 Petroleum refineries		1441	2792	94722	....	274	477	-25603	....	19.0	....	....	....
354 Misc. petroleum and coal products		22	42	2264	....	7	15	1290	....	31.8	....	....	....
355 Rubber products		609	1102	64397	....	289	538	39625	....	47.5	....	....	....
356 Plastic products		453	981	66848	....	188	443	37649	....	41.5	....	....	....
361 Pottery, china, earthenware		149	259	18687	....	87	147	12018	....	58.4	....	....	....
362 Glass and products		217	500	40095	....	83	245	28586	....	38.2	....	....	....
369 Other non-metallic mineral products		793	1761	135647	....	385	824	72174	....	48.7	....	....	....
371 Iron and steel		934	1281	128203	....	135	115	51252	....	14.5	....	....	....
372 Non-ferrous metals		1226	2582	187734	....	325	820	77803	....	26.5	....	....	....
381 Fabricated metal products		2495	4644	302223	....	1164	2350	168510	....	46.7	....	....	....
382 Non-electrical machinery		1825	3185	201981	....	918	1525	130017	....	50.3	....	....	....
383 Electrical machinery		1971	3453	244992	....	758	1536	128528	....	38.5	....	....	....
384 Transport equipment		2687	4621	187422	....	1078	1915	87053	....	40.1	....	....	....
385 Professional and scientific equipment		108	183	12405	....	58	110	8944	....	53.7	....	....	....
390 Other manufacturing industries		157	342	20338	....	78	174	14000	....	49.7	....	....	....
3 Total manufacturing		30584	59818	4304477	....	12242	26170	2309324	....	40.0	....	....	....

Yugoslavia

ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million DINARS)					(1980=100)								
		1990	1991	1992	1993		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		146.5	265.4	25020.0	...	...	...	...	...	...	...	...	...	...
313 Beverages		28.9	78.6	6904.4	...	...	...	...	...	...	...	...	...	...
314 Tobacco		14.8	47.1	5787.6	...	...	...	...	...	...	...	...	...	...
321 Textiles		42.6	57.4	2524.8	...	...	...	...	...	...	...	...	...	...
322 wearing apparel, except footwear		20.2	37.3	437.2	...	...	...	...	...	...	...	...	...	...
323 Leather and fur products		9.5	16.5	693.6	...	...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		5.1	4.7	256.1	...	...	...	...	...	...	...	...	...	...
331 wood products, except furniture		22.9	35.6	1239.6	...	...	...	...	...	...	...	...	...	...
332 Furniture and fixtures, excl. metal		28.9	39.0	357.8	...	...	...	...	...	...	...	...	...	...
341 Paper and products		13.5	19.7	1583.7	...	...	...	...	...	...	...	...	...	...
342 Printing and publishing		42.3	103.6	7937.2	...	...	...	...	...	...	...	...	...	...
351 Industrial chemicals		92.5	139.2	2569.1	...	...	...	...	...	...	...	...	...	...
352 Other chemicals		13.8	23.7	5983.1	...	...	...	...	...	...	...	...	...	...
353 Petroleum refineries		11.3	23.1	798.0	...	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products		0.1	0.2	79.5	...	...	...	...	...	...	...	...	...	...
355 Rubber products		15.9	24.0	9589.2	...	...	...	...	...	...	...	...	...	...
356 Plastic products		9.6	34.9	480.0	...	...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware		6.0	28.4	75.0	...	...	...	...	...	...	...	...	...	...
362 Glass and products		20.2	4.9	1051.3	...	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products		29.8	45.6	3680.1	...	...	...	...	...	...	...	...	...	...
371 Iron and steel		44.6	116.9	1012.9	...	...	...	...	...	...	...	...	...	...
372 Non-ferrous metals		27.2	25.9	831.2	...	...	...	...	...	...	...	...	...	...
381 Fabricated metal products		60.4	100.6	10074.6	...	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery		67.9	61.0	5037.1	...	...	...	...	...	...	...	...	...	...
383 Electrical machinery		47.3	66.1	2520.9	...	...	...	...	...	...	...	...	...	...
384 Transport equipment		74.9	172.5	13657.6	...	...	...	...	...	...	...	...	...	...
385 Professional and scientific equipment		2.7	7.1	333.9	...	...	...	...	...	...	...	...	...	...
390 Other manufacturing industries		3.6	5.8	1335.2	...	...	...	...	...	...	...	...	...	...
3 Total manufacturing		903.0	1582.7	110850.4	...	...	...	...	...	...	...	...	...	...

ZIMBABWE

Supplier of information:

Central Statistical Office, Harare.

Basic source of data:

Annual census of production.

Major deviations from current version of ISIC:

Data collected under the national classification system have been reclassified by the national authorities to correspond approximately with the current version of the ISIC. Footwear made of vulcanized or moulded rubber, (part of ISIC 355) and footwear made of plastic (part of ISIC 356) are included in ISIC 324.

Reference period (if not calendar year):

Fiscal year beginning 1 April of the year indicated.

Scope:

All public and private establishments engaged in manufacturing. Establishments with an annual output of less than 2,000 dollars are excluded. Also excluded are establishments that are mainly in the nature of self-employed, such as dressmakers, tailors, and cabinet makers.

Method of enumeration:

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

Adjusted for non-response:

Yes.

Concepts and definitions of variables:

Number of employees includes working proprietors and family members if they are paid a definite wage or salary.

Wages and salaries is compensation of employees.

Output includes gross revenues from goods shipped in the same condition as received.

Gross fixed capital formation includes progress payments for fixed assets on order.

Related national publications:

The Census of Production (annual); Monthly Digest of Statistics, both published by the Central Statistical Office, Harare.

Zimbabwe

ISIC Industry	Note	Number of establishments*				Note	Number of employees				Note	Wages and salaries paid to employees (million DOLLARS)			
		(numbers)					(thousands)					(million DOLLARS)			
		1989	1990	1991	1992		1989	1990	1991	1992		1989	1990	1991	1992
311/2 Food Products		118	99	105	103		28.1	26.8	28.4	27.1		224.7	240.4	343.6	431.2
3111 Slaughtering, preparing & preserving meat		10	12	10	7		5.3	5.5	5.5	4.8		51.8	65.9	81.2	86.4
3112 Dairy products	a/	19	18	18	17	a/	8.7	5.3	8.2	8.7	a/	75.6	53.8	120.4	141.2
3113 Canning, preserving of fruits & vegetables		11	...	...	3		1.5	1.5	1.3	0.6		5.7	5.7	5.4	2.3
3114 Canning, preserving and processing of fish	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
3115 Vegetable and animal oils and fats	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
3116 Grain mill products	b/	18	9	11	10	b/	7.1	7.7	7.0	6.9	b/	56.9	72.6	82.6	103.7
3117 Bakery products		54	54	59	60		4.3	5.5	4.9	4.9		27.8	34.6	36.9	87.6
3118 Sugar factories and refineries	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
3119 Cocoa, chocolate and sugar confectionery		6	6	7	6		1.3	1.3	1.6	1.3		6.9	7.8	16.9	10.1
3121 Other food products	a/	...	...	...	...	a/	...	...	...	...	a/	...	...	...	...
3122 Prepared animal feeds	b/	...	...	...	...	b/	...	...	...	...	b/	...	...	...	...
313 Beverages		17	15	15	17		7.5	6.7	6.7	6.0		64.8	77.5	105.6	120.3
3131 Distilling, rectifying and blending spirits	c/	9	7	7	9	c/	4.9	3.8	3.9	3.5	c/	43.8	47.7	66.5	72.9
3132 Wine industries	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
3133 Malt liquors and malt	c/	...	...	...	...	c/	...	...	...	...	c/	...	...	...	...
3134 Soft drinks and carbonated waters		8	8	8	8		2.5	2.9	2.9	2.5		21.0	29.7	39.0	47.4
314 Tobacco		8	8	8	8		4.2	5.4	6.0	6.4		35.5	45.2	68.8	84.7
321 Textiles		55	50	51	50		25.0	23.3	25.3	23.7		154.3	184.2	232.0	236.8
3211 Spinning, weaving and finishing textiles	d/	28	26	26	25	d/	19.4	18.5	20.7	19.3	d/	120.3	151.4	190.5	193.6
3212 Made-up textile goods excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
3213 Knitting mills	e/	16	14	14	14	e/	3.4	2.6	2.7	2.4	e/	19.1	16.6	21.4	20.0
3214 Carpets and rugs	d/	...	...	...	...	d/	...	...	...	...	d/	...	...	...	...
3215 Cordage, rope and twine	e/	...	...	...	...	e/	...	...	...	...	e/	...	...	...	...
3219 Other textiles		11	10	11	11		2.3	2.2	1.9	2.0		14.9	16.2	20.0	23.2
322 Wearing apparel, except footwear		103	111	106	106		18.0	20.7	19.9	56.7		89.6	117.3	136.5	142.0
323 Leather and fur products		13	13	13	15		1.0	1.2	1.0	2.3		5.0	5.5	5.6	16.3
3231 Tanneries and leather finishing		...	...	...	...		...	...	...	...		...	...	...	...
3232 Fur dressing and dyeing industries		...	...	...	...		...	...	...	...		...	...	...	...
3233 Leather prods. excl. wearing apparel		...	...	...	...		...	...	...	...		...	...	...	...
324 Footwear, except rubber or plastic		13	14	14	15		5.9	6.1	6.6	5.9		42.8	47.7	64.3	67.9
331 Wood products, except furniture		30	29	29	26		5.3	5.6	5.6	5.6		32.8	38.6	47.7	65.8
3311 Sawmills, planing and other wood mills		...	...	...	...		...	...	...	...		...	...	...	...
3312 Wooden and cane containers		...	...	...	...		...	...	...	...		...	...	...	...
3319 Other wood and cork products		...	...	...	...		...	...	...	...		...	...	...	...
332 Furniture and fixtures, excl. metal		50	44	44	45		4.7	4.9	4.7	4.9		22.5	26.7	40.7	44.6
341 Paper and products		12	15	14	12		4.6	4.7	4.6	3.7		47.6	60.4	70.3	65.5
3411 Pulp, paper and paperboard articles	f/	12	15	14	12	f/	4.6	4.7	4.6	3.7	f/	47.6	60.4	70.3	65.5
3412 Containers of paper and paperboard		...	...	...	...		...	...	...	...		...	...	...	...
3419 Other pulp, paper and paperboard articles	f/	...	...	...	...	f/	...	...	...	...	f/	...	...	...	...
342 Printing and publishing		67	69	74	68		4.3	5.9	6.4	5.0		56.3	97.4	115.8	122.7
351 Industrial chemicals	g/	11	12	10	10	g/	3.1	3.0	3.0	2.7	g/	46.0	56.6	69.8	68.2
3511 Basic chemicals excl. fertilizers	h/	7	7	6	6	h/	0.6	0.6	0.6	0.4	h/	8.8	10.9	11.5	10.5
3512 Fertilizers and pesticides		4	5	4	4		2.5	2.4	2.4	2.3		37.2	45.7	48.3	57.7
3513 Synthetic resins and plastic materials	h/	...	...	...	...	h/	...	...	...	...	h/	...	...	...	...
352 Other chemicals		52	47	50	51		5.6	5.8	5.9	5.5		72.8	81.4	102.0	150.4
3521 Paints, varnishes and lacquers		5	4	5	5		0.7	0.7	0.8	0.7		8.0	8.7	11.6	14.3
3522 Drugs and medicines	i/	34	30	32	33	i/	3.9	4.0	4.0	3.7	i/	51.1	57.0	69.9	109.6
3523 Soap, cleaning preps., perfumes, cosmetics	i/	...	...	...	...	i/	...	...	...	...	i/	...	...	...	...
3529 Other chemical products		13	13	13	13		1.0	1.1	1.1	1.1		13.7	15.7	20.6	26.5
353 Petroleum refineries	g/h/	...	...	...	...	g/h/	...	...	...	...	g/h/	...	...	...	...

	g/h ^a				g/h ^b				g/h ^c			
354 Misc petroleum and coal products												
355 Rubber products	13	12	12	13	3.8	2.9	2.0	3.1	35.1	31.9	23.2	50.4
3551 Tyres and tubes												
3559 Other rubber products												
356 Plastic products	25	22	22	22	5.0	3.2	5.2	3.8	41.7	34.5	64.0	59.7
361 Pottery, china, earthenware	6	5	5	5	0.8	0.8	0.8	0.9	3.9	4.2	4.7	5.9
362 Glass and products	5	5	5	5	0.9	0.9	0.9	0.9	8.5	10.8	14.8	17.1
369 Other non-metallic mineral products	35	33	30	30	7.5	5.9	6.0	7.0	54.8	54.1	69.3	86.8
3691 Structural clay products												
3692 Cement, lime and plaster												
3699 Other non-metallic mineral products												
371 Iron and steel	22	22	20	23	15.8	16.0	16.2	17.1	193.2	226.3	286.0	299.9
372 Non-ferrous metals	6	7	6	6	1.3	1.4	1.5	1.4	10.3	12.6	20.0	16.7
381 Fabricated metal products	178	171	177	171	15.0	15.8	14.2	14.5	116.3	137.1	153.1	186.5
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	42	42	45	43	2.6	3.5	3.0	2.5	20.5	34.5	32.2	34.2
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	62	60	63	60	5.8	6.4	6.3	6.2	63.2	74.7	91.1	91.2
3831 Electrical industrial machinery												
3832 Radio, television and communication equipm	10	9	9	9	1.3	1.4	1.4	1.2	10.6	11.7	13.3	15.3
3833 Electrical appliances and housewares												
3839 Other electrical apparatus and supplies	52	51	54	51	4.5	5.0	4.9	5.0	52.6	63.0	77.8	75.9
384 Transport equipment	58	56	57	56	7.8	7.0	7.5	6.2	72.3	78.5	120.2	111.5
3841 Shipbuilding and repairing												
3842 Railroad equipment	J	12	12	12	J/	2.3	1.7	1.1	J/	20.8	24.2	22.2
3843 Motor vehicles	J	46	45	44	J/	5.5	5.3	5.1	J/	51.5	54.4	97.9
3844 Motorcycles and bicycles	J				J/				J/			
3845 Aircraft	J				J/				J/			
3849 Other transport equipment	J				J/				J/			
385 Professional and scientific equipment	13	13	11	11	0.1	0.1	0.1	0.1	1.2	1.6	3.9	1.9
3851 Prof. and scientific equipment n.e.c.												
3852 Photographic and optical goods												
3853 Watches and clocks												
390 Other manufacturing industries	52	46	47	46	1.7	1.8	1.7	1.8	10.5	11.8	14.0	17.2
3901 Jewellery and related articles												
3902 Musical instruments												
3903 Sporting and athletic goods												
3909 Manufacturing industries, n.e.c.												
3 Total manufacturing	1066	1020	1033	1017	185.6	185.8	189.3	221.0	1526.3	1791.6	2288.9	2598.4

a 3112 includes 3114, 3115, 3118 and 3121
c 3131 includes 3132 and 3133
e 3213 includes 3215
g 351 includes 353 and 354
i 3522 includes 3523

b 3116 includes 3122
d 3211 includes 3214
f 3411 includes 3419
h 3511 includes 3513, 353 and 354
j 3842 includes 3844, 3845 and 3849

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ISIC Industry	Note	Output in factor values (million DOLLARS)				Note	Value added in factor values (million DOLLARS)				Share of value added in output (percentage)		Share of wages and salaries in value added (percentage)	
		1989	1990	1991	1992		1989	1990	1991	1992	1989	1992	1989	1992
311 2 Food Products		1922.5	2145.2	3102.7	5124.0		500.8	589.1	1082.7	1845.4	31.2	36.0	37.4	73.4
3111 Slaughtering, preparing & preserving meat		366.2	440.6	611.3	706.0		66.4	113.9	206.1	275.6	18.1	39.1	78.0	31.3
3112 Dairy products	a/	617.0	557.0	1049.3	1777.0	a/	183.6	202.5	410.0	724.9	29.7	40.8	41.2	19.5
3113 Canning, preserving of fruits & vegetables	a/	26.5	26.6	24.7	18.0	a/	8.5	8.6	8.0	12.6	32.3	70.0	66.9	16.3
3114 Canning, preserving and processing of fish	a/					a/								
3115 Vegetable and animal oils and fats	a/					a/								
3116 Grain mill products	b/	657.7	771.0	950.4	2004.0	b/	261.8	142.0	297.9	594.7	39.8	29.7	21.7	17.4
3117 Bakery products	b/	196.9	278.7	322.6	520.0	b/	52.5	85.9	100.4	191.2	26.7	36.8	52.9	45.8
3118 Sugar factories and refineries	a/					a/								
3119 Cocoa, chocolate and sugar confectionery	a/	58.3	71.3	144.4	100.0	a/	28.0	31.1	60.3	46.4	48.1	45.4	24.6	21.8
3121 Other food products	a/					a/								
3122 Prepared animal feeds	b/					b/								
313 Beverages		755.4	963.7	1321.3	1516.0		592.8	739.0	1011.6	1097.7	78.5	72.4	10.9	11.0
3131 Distilling, rectifying and blending spirits	c/	570.7	705.4	946.4	1078.0	c/	470.1	581.2	791.8	828.0	82.4	76.8	9.3	6.8
3132 Wine industries	c/					c/								
3133 Malt liquors and malt	c/					c/								
3134 Soft drinks and carbonated waters	c/	184.8	248.3	374.9	438.0	c/	122.7	167.8	219.7	269.7	66.4	61.6	17.1	17.6
314 Tobacco		237.6	243.0	523.0	608.0		202.3	185.7	400.9	479.9	85.1	78.9	17.6	17.6
321 Textiles		1128.2	1293.4	1758.5	1772.0		493.2	624.2	754.9	803.7	43.7	45.4	31.3	29.6
3211 Spinning, weaving and finishing textiles	d/	940.3	1074.3	1493.6	1434.0	d/	406.8	523.8	647.0	679.7	43.3	47.4	29.6	28.6
3212 Made-up textile goods excl wearing apparel	d/					d/								
3213 Knitting mills	e/	91.0	72.2	98.4	93.0	e/	46.0	37.5	49.7	42.1	50.5	46.3	41.6	47.6
3214 Carpets and rugs	d/					d/								
3215 Cordage, rope and twine	e/					e/								
3219 Other textiles	e/	97.0	147.0	166.6	245.0	e/	40.4	62.9	68.1	81.9	41.6	33.4	37.0	28.3
322 Wearing apparel, except footwear		424.2	546.7	737.7	694.0		198.9	249.9	324.5	300.6	46.9	43.3	45.1	47.2
323 Leather and fur products		40.5	55.0	67.0	124.4		13.2	17.7	20.3	50.4	32.6	40.6	37.9	32.3
3231 Tanneries and leather finishing														
3232 Fur dressing and dyeing industries														
3233 Leather prods. excl wearing apparel														
324 Footwear, except rubber or plastic		221.2	289.8	404.4	482.0		119.4	162.7	210.1	220.0	54.0	45.6	35.8	30.9
331 Wood products, except furniture		154.0	201.6	252.2	335.0		75.9	105.9	145.1	198.8	49.3	59.3	43.2	33.1
3311 Sawmills, planing and other wood mills														
3312 Wooden and cane containers														
3319 Other wood and cork products														
332 Furniture and fixtures, excl metal		116.9	155.5	218.0	235.0		52.3	77.3	94.5	99.8	44.8	42.5	43.2	44.7
341 Paper and products		261.9	380.4	474.5	572.0		119.5	167.4	214.0	266.7	45.6	46.6	39.8	24.9
3411 Pulp, paper and paperboard articles	f/	261.9	380.4	474.5	572.0	f/	119.5	167.4	214.0	266.7	45.6	46.6	39.8	24.9
3412 Containers of paper and paperboard														
3419 Other pulp, paper and paperboard articles	f/					f/								
342 Printing and publishing		214.4	354.0	415.0	448.0		143.6	228.9	275.6	278.9	67.0	62.3	39.2	44.0
35 Industrial chemicals		493.0	624.6	738.1	852.0		177.3	281.3	219.2	456.4	36.0	53.6	25.9	14.9
3511 Basic chemicals excl fertilizers	h/	70.8	102.9	110.0	101.0	h/	33.7	62.4	64.2	64.4	47.6	63.9	26.2	19.3
3512 Fertilizers and pesticides	h/	422.3	521.7	628.1	751.0	h/	143.6	228.9	155.0	402.0	34.0	63.5	26.9	14.4
3513 Synthetic resins and plastic materials	h/					h/								
352 Other chemicals		510.7	655.3	810.4	999.0		259.0	310.6	429.9	432.9	60.7	43.3	28.1	34.7
3521 Paints, varnishes and lacquers		83.9	108.3	146.2	185.0		56.4	50.9	70.4	65.3	66.0	36.3	14.4	21.9
3522 Drugs and medicines	i/	352.7	453.5	559.5	680.0	i/	169.6	212.1	296.1	291.5	48.1	42.9	30.1	37.6
3523 Soap, cleaning preps, perfumes, cosmetics	i/					i/								
3529 Other chemical products	i/	74.0	93.5	104.7	134.0	i/	34.1	47.7	63.3	75.1	46.0	66.8	40.2	34.8
353 Petroleum refineries	g/h/					g/h/								

354 Misc. petroleum and coal products	g/h/	...	...	...	...	g/h/	...	...	...	...	...	...	...
355 Rubber products		262.9	234.0	182.9	643.0		101.2	89.7	80.0	193.3	38.6	38.6	34.7 26.1
3551 Tyres and tubes		...	...	...	...		...	...	...	...	...	...	...
3559 Other rubber products		...	...	...	...		...	...	...	...	...	...	...
356 Plastic products		281.9	208.0	417.0	430.0		148.6	116.1	182.1	139.6	52.7	32.5	28.1 42.8
361 Pottery, china, earthenware		11.0	10.0	16.0	22.0		6.6	6.3	11.2	16.6	60.0	70.9	59.1 37.8
362 Glass and products		38.7	46.0	69.0	86.0		20.5	22.3	37.8	38.6	53.0	44.9	41.6 44.3
369 Other non-metallic mineral products		240.0	251.0	390.0	632.0		137.4	133.1	238.6	313.0	57.2	58.8	39.9 27.7
3691 Structural clay products		...	...	...	...		...	...	...	...	...	...	...
3692 Cement, lime and plaster		...	...	...	...		...	...	...	...	...	...	...
3699 Other non-metallic mineral products		...	...	...	...		...	...	...	...	...	...	...
371 Iron and steel		1319.0	993.0	1370.0	2659.0		688.0	460.9	892.8	1601.3	67.3	62.6	21.8 18.7
372 Non-ferrous metals		67.2	89.0	128.0	176.0		26.5	31.2	47.8	79.8	39.4	45.3	38.9 20.9
381 Fabricated metal products		597.9	713.0	965.0	1142.0		265.4	331.6	499.8	641.6	44.4	47.4	43.8 34.4
3811 Cutlery, hand tools and general hardware		...	...	...	...		...	...	...	...	...	...	...
3812 Furniture and fixtures primarily of metal		...	...	...	...		...	...	...	...	...	...	...
3813 Structural metal products		...	...	...	...		...	...	...	...	...	...	...
3819 Other fabricated metal products		...	...	...	...		...	...	...	...	...	...	...
382 Non-electrical machinery		106.2	193.0	201.0	208.0		49.5	105.7	88.3	113.4	47.1	54.6	41.4 30.2
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		281.3	369.0	485.0	590.0		167.5	214.6	300.2	307.4	59.6	52.1	37.7 29.7
3831 Electrical industrial machinery		...	...	...	...		...	...	...	...	...	...	...
3832 Radio, television and communication equipm		37.4	46.0	65.0	69.0		21.0	24.0	35.7	30.2	56.1	43.8	60.6 50.7
3833 Electrical appliances and housewares		...	...	...	...		...	...	...	...	...	...	...
3839 Other electrical apparatus and supplies		243.9	323.0	420.0	521.0		146.5	190.6	263.5	277.2	60.1	53.2	36.9 27.4
384 Transport equipment		537.7	549.7	1013.8	1315.0		191.8	197.4	472.6	323.6	36.7	24.6	37.7 34.6
3841 Shipbuilding and repairing		...	...	...	...		...	...	...	...	...	...	...
3842 Railroad equipment	j/	130.9	115.0	129.6	169.0	j/	34.2	31.3	31.4	77.6	26.1	46.9	60.8 40.3
3843 Motor vehicles		406.7	434.8	884.2	1146.0		157.6	166.1	441.1	246.0	38.6	21.6	32.6 32.6
3844 Motorcycles and bicycles	j/	...	...	...	...	j/	...	...	...	...	...	...	...
3845 Aircraft	j/	...	...	...	...	j/	...	...	...	...	...	...	...
3849 Other transport equipment	j/	...	...	...	...	j/	...	...	...	...	...	...	...
385 Professional and scientific equipment		9.2	10.0	11.0	17.0		5.1	6.0	6.3	9.7	56.4	57.1	23.6 19.6
3851 Prof and scientific equipment n e c		...	...	...	...		...	...	...	...	...	...	...
3852 Photographic and optical goods		...	...	...	...		...	...	...	...	...	...	...
3853 Watches and clocks		...	...	...	...		...	...	...	...	...	...	...
390 Other manufacturing industries		51.0	62.0	73.0	88.0		26.6	31.1	38.3	44.6	52.0	50.7	39.6 38.6
3901 Jewellery and related articles		...	...	...	...		...	...	...	...	...	...	...
3902 Musical instruments		...	...	...	...		...	...	...	...	...	...	...
3903 Sporting and athletic goods		...	...	...	...		...	...	...	...	...	...	...
3909 Manufacturing industries, n e c		...	...	...	...		...	...	...	...	...	...	...
3 Total manufacturing		10283.6	11626.0	16124.5	21469.4		5082.8	6464.7	7878.0	10262.6	49.4	47.8	30.0 26.3

a/ 3112 includes 3114, 3115, 3118 and 3121
 z/ 3131 includes 3132 and 3133
 e/ 3213 includes 3215
 q/ 351 includes 353 and 354
 i/ 3522 includes 3523

b/ 3116 includes 3122
 d/ 3211 includes 3214
 f/ 3411 includes 3419
 h/ 3511 includes 3513, 353 and 354
 j/ 3842 includes 3844, 3846 and 3849

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ISIC Industry	Note	Gross fixed capital formation				Note	Index numbers of industrial production								
		(million DOLLARS)					(1980=100)								
		1989	1990	1991	1992		1985	1986	1987	1988	1989	1990	1991	1992	1993
311/2 Food Products		91.9	89.2	579.3	269.9		114	126	131	130	132	144	147	150	123
313 Beverages		39.7	132.4	148.0	94.9	a/	96	96	108	117	114	130	134	134	127
314 Tobacco		32.9	21.5	62.0	80.4	a/	...	...	...	...	...	...	...	...	...
321 Textiles		108.0	209.2	368.7	187.5		175	190	196	203	208	217	225	177	192
322 Wearing apparel, except footwear		12.8	21.9	37.8	44.2	b/	112	107	120	120	138	145	149	126	128
323 Leather and fur products	c/	...	...	...	...		...	...	...	...	...	...	...	...	...
324 Footwear, except rubber or plastic		8.1	8.8	17.8	29.8	b/	...	...	...	...	...	...	...	...	...
331 Wood products, except furniture		5.3	15.5	41.5	34.9	d/	82	87	81	96	85	90	101	106	96
332 Furniture and fixtures, excl. metal		4.2	10.5	18.5	25.8	d/	...	...	...	...	...	...	...	...	...
341 Paper and products		11.9	50.3	210.4	210.4	e/	112	113	119	121	132	137	144	143	150
342 Printing and publishing		31.9	50.7	52.6	46.9	e/	...	...	...	...	...	...	...	...	...
351 Industrial chemicals	f/	53.5	18.8	21.8	18.8	g/	122	122	119	131	145	159	159	138	129
352 Other chemicals		18.4	30.1	82.4	80.2	g/	...	...	...	...	...	...	...	...	...
353 Petroleum refineries	f/	...	...	...	...	g/	...	...	...	...	...	...	...	...	...
354 Misc. petroleum and coal products	f/	...	...	...	...	g/	...	...	...	...	...	...	...	...	...
355 Rubber products		10.8	12.5	9.5	34.5		...	...	...	...	...	...	...	...	...
356 Plastic products		29.8	40.5	58.4	63.0		...	...	...	...	...	...	...	...	...
361 Pottery, china, earthenware	h/	19.3	49.9	39.4	132.5	h/	105	125	141	141	152	151	171	158	130
362 Glass and products	h/	...	...	...	...	h/	...	...	...	...	...	...	...	...	...
369 Other non-metallic mineral products	h/	...	...	...	...	h/	...	...	...	...	...	...	...	...	...
371 Iron and steel	i/	220.2	50.8	155.0	451.1	j/	101	98	96	100	106	111	114	101	82
372 Non-ferrous metals	i/	...	...	...	...	j/	...	...	...	...	...	...	...	...	...
381 Fabricated metal products	k/	51.7	67.8	101.5	192.3	j/	...	...	...	...	...	...	...	...	...
382 Non-electrical machinery	k/	...	...	...	...	j/	...	...	...	...	...	...	...	...	...
383 Electrical machinery		83.4	33.0	74.7	45.6	j/	...	...	...	...	...	...	...	...	...
384 Transport equipment		21.6	39.7	45.5	85.1		97	99	84	104	147	147	143	141	82
385 Professional and scientific equipment	c/	8.3	112.0	13.5	19.3		...	...	...	...	...	...	...	...	...
390 Other manufacturing industries	c/	...	...	...	...		64	63	60	74	83	49	48	37	96
3 Total manufacturing		863.7	1065.1	2139.4	2147.1		112	115	115	123	130	138	142	130	118

a/ 313 includes 314.
c/ 385 includes 390 and 323.
e/ 341 includes 342.
g/ 351 includes 352 and 353.
i/ 371 includes 372.
k/ 381 includes 382.

b/ 322 includes 324.
d/ 331 includes 332.
f/ 351 includes 353 and 354.
h/ 361 includes 362 and 369.
j/ 371 includes 372, 381, 382 and 383.