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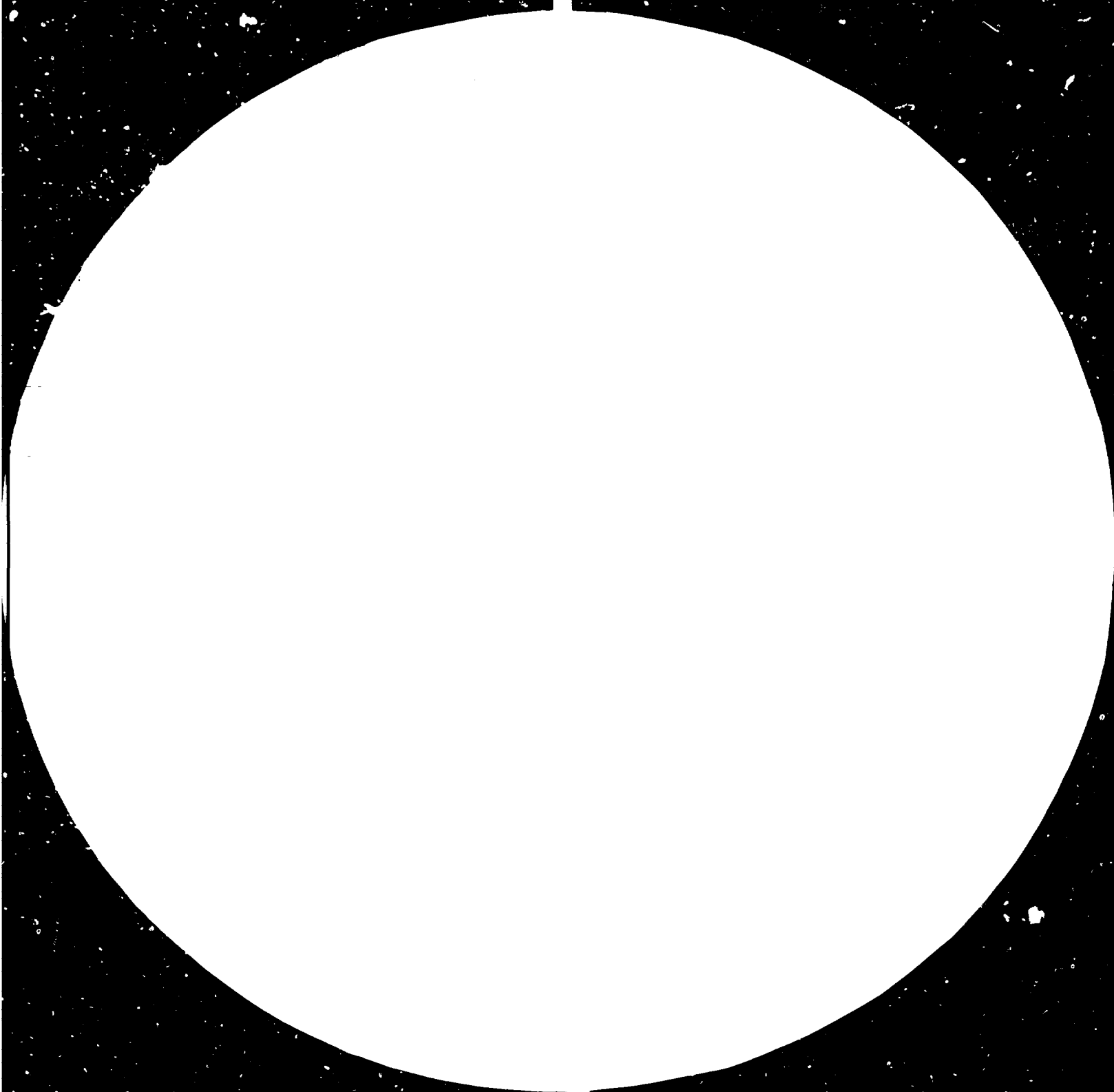
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UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANIZATION

HANDBOOK
OF **11900**
INDUSTRIAL
STATISTICS



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UNITED NATIONS INDUSTRIAL DEVELOPMENT ORGANISATION
Vienna

11900

HANDBOOK OF INDUSTRIAL STATISTICS



UNITED NATIONS
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EXPLANATORY NOTES

References to dollars (\$) are to United States dollars, unless otherwise stated.

In tables:

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

A dash (—) indicates that the amount is nil or negligible;

A blank indicates that the item is not applicable;

Asterisks (*) have the meaning explained on page 53;

Totals may not add exactly because of rounding.

Abbreviations

CMS	constant market share
f.o.b.	free on board
GDP	gross domestic product
GNP	gross national product
ISIC	International Standard Industrial Classification of All Economic Activities
MVA	manufacturing value added
n.e.s.	not elsewhere specified
OPEC	Organization of Petroleum Exporting Countries
SITC	Standard International Trade Classification

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INTRODUCTION

The main purpose of this publication is to provide national statistical data for various indicators of the industrial structure, growth, consumption and export performance of individual countries. These data are presented in tables in part two. An attempt is also made, in part one, to provide the reader with an overview of global trends, based on an analysis of the country data used, as it is sometimes difficult to form any such general impression when faced with a large body of highly detailed data. Part one also summarizes some of the findings that emerged in the course of compiling the data.

Part one

**INDICATORS OF INDUSTRIAL
ACTIVITY:
AN OVERVIEW**

I. RECENT CHANGES AND LONG-TERM TRENDS IN WORLD INDUSTRY

The shares of the three main economic groupings—developing countries; centrally planned economies; developed market economies—in world manufacturing value added (MVA) serve as a rough indication of the global distribution of manufacturing activity. The significance of the developing countries' share was stressed in the Lima Declaration and Plan of Action (1975) which set a target for those countries of at least 25 per cent of world MVA by the year 2000¹. Figure 1 shows the changes that have taken place in the shares of the economic groupings mentioned over the past two decades.

The developing countries' share changed very little during the period 1950-1968. The only redistribution of world MVA was reflected in the gains recorded by the centrally planned economies at the expense of the developed market economies. In subsequent years, the developing countries managed to enlarge their relative contribution to world industry, increasing their share from 8.3 per cent in 1968 to 10.2 per cent in 1975. This advance was matched by similar strides in the centrally planned economies and, consequently, the share of the developed market economies continued its slow decline. The years that followed, however, saw little change in the developing countries' contribution to world MVA; during the period 1975-1981, their MVA growth at best matched that of world manufacturing,² although the centrally planned economies continued to gain at the expense of the developed market economies.

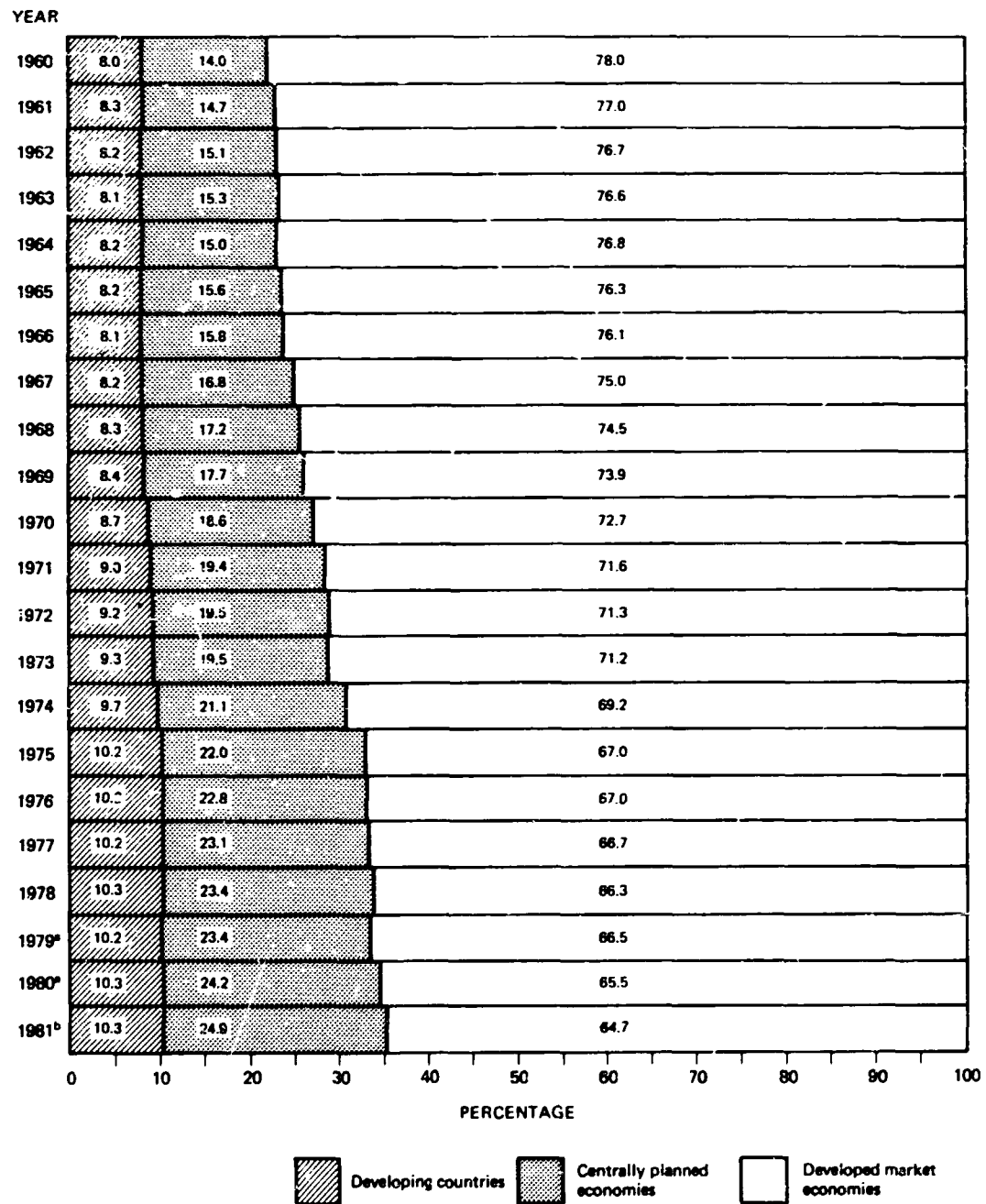
Table 1 provides a regional breakdown of the developing countries' share in world MVA during the period 1960-1981. The data show that the relative gains have been erratic, occurring first in one region and then in another. Latin America's share, for example, grew steadily from 1968 to 1975 when it totalled 6 per cent of world MVA; but in later years this growth fell off, and by 1981 the region's share was again roughly equivalent to that recorded in 1975. Africa and West Asia began to record modest increases in their shares somewhat later than Latin America—around 1974. This upward trend stalled in 1979, however, and the two regions' shares have moved erratically since then. Figures for South and East Asia show a similar pattern (including a recent contraction).

A comparison of industrial growth patterns, with countries arranged according to level of per capita income, provides further information: table 2

¹The Lima Declaration and Plan of Action on Industrial Development and Co-operation was adopted by the Second General Conference of the United Nations Development Organization in 1975 and subsequently by the General Assembly of the United Nations at its seventh special session (resolution 3362 (S-VII)). It is available in pamphlet form (PI/38).

²It should be noted, however, that in figure 1 the data for 1981 are estimates while those for 1979 and 1980 are still preliminary.

Figure 1. Share of economic groupings in world manufacturing value added at constant prices, 1960-1981



Source: UNIDO data base; information supplied by the Office of Development Research and Policy Analysis and the Statistical Office of the United Nations Secretariat; and *Monthly Bulletin of Statistics*, vol. XXXV, No. 11 (November 1981), with estimates by the UNIDO secretariat.

Note: Percentages may not add exactly to 100 because of rounding.

^aPreliminary figures.

^bEstimates.

TABLE 1. SHARE OF DEVELOPING REGIONS IN WORLD MANUFACTURING VALUE ADDED AT CONSTANT PRICES, 1960-1981

(Percentage)

Year	Africa	West Asia	South and East Asia	Latin America
1960	0.72	0.43	1.96	4.93
1961	0.76	0.46	1.97	5.11
1962	0.75	0.45	1.98	4.96
1963	0.75	0.47	2.10	4.74
1964	0.75	0.48	2.10	4.91
1965	0.76	0.49	2.09	4.83
1966	0.75	0.51	2.03	4.84
1967	0.73	0.53	2.08	4.81
1968	0.74	0.55	2.09	4.87
1969	0.75	0.56	2.13	4.90
1970	0.80	0.57	2.20	5.12
1971	0.80	0.60	2.25	5.39
1972	0.79	0.60	2.23	5.50
1973	0.79	0.60	2.32	5.56
1974	0.80	0.63	2.44	5.82
1975	0.84	0.68	2.65	6.00
1976	0.85	0.69	2.76	5.87
1977	0.87	0.72	2.85	5.77
1978	0.90	0.74	2.89	5.79
1979 ^a	0.84	0.69	2.71	5.93
1980 ^a	0.86	0.68	2.68	6.10
1981 ^b	0.92	0.70	2.74	5.98

Source: See figure 1.

^aPreliminary figures.

^bEstimates.

TABLE 2. GROWTH OF MANUFACTURING VALUE ADDED IN DEVELOPING COUNTRIES AT CONSTANT PRICES, BY INCOME GROUP,^a SELECTED PERIODS

(Percentage)

Period	Low income	Lower-middle income	Middle income	Upper-middle income	High income	All developing countries
1960-1970	5.9	6.9	8.9	7.7	6.9	
1970-1978	5.5	7.0	8.8	8.5	4.0	

Source: See figure 1.

^aIncome groups are defined in terms of their 1975 per capita income as follows: low — less than \$265; lower-middle — \$265 to \$520; middle — \$521 to \$1,075; upper-middle — \$1,076 to \$2,000; high — over \$2,000.

illustrates trends in five subsets of developing countries over two relatively long periods.³ A comparison of growth performance in the 1960s and the 1970s shows that the slowdown in manufacturing took place mainly in those economies at the two extremes of the income scale. The average for all developing countries declined from 7.3 to 7.0 per cent, despite the fact that the pace of growth in upper-middle income countries (\$1,076 to \$2,000) actually quickened in 1970-1978.

³Aggregate growth rates were compiled from data available for individual countries. As data for 1979-1981 were not yet available for all countries at the time of publication of this *Handbook*, growth rates were not calculated for those years.

TABLE 3. DISTRIBUTION OF VALUE ADDED AT CONSTANT PRICES, BY ECONOMIC GROUPING,^a SELECTED INDUSTRIAL BRANCHES, SELECTED YEARS

(Percentage)

Branch ^{b,c}	Developing countries			Centrally planned economies			Developed market economies		
	1970	1975	1979	1970	1975	1979	1970	1975	1979
Food products (311/2)	15.2	15.2	15.8	23.7	25.9	25.3	61.1	58.9	58.9
Beverages (313)	14.2	15.8	19.2	20.3	22.0	21.4	65.5	62.2	59.3
Tobacco (314)	28.8	30.7	32.7	13.8	15.2	15.5	57.4	54.1	51.9
Textiles (321)	15.8	18.5	18.6	24.8	29.0	29.6	58.5	52.6	51.3
Wood and cork products (331)	9.8	10.8	11.5	17.5	21.1	19.6	72.7	68.1	68.9
Paper (341)	6.6	8.0	8.5	6.9	9.1	8.0	86.5	82.9	83.5
Industrial chemicals (351)	6.1	7.6	7.6	20.7	26.5	24.8	73.2	65.8	67.6
Other chemicals (352)	14.3	17.6	18.4	5.8	7.4	6.8	80.0	75.0	74.8
Petroleum refineries (353)	37.3	35.8	34.7	10.6	15.3	16.3	52.1	49.0	49.0
Miscellaneous products									
of petroleum and coal (354)	11.3	13.9	16.0	38.1	40.5	40.2	50.6	45.6	43.8
Rubber products (355)	11.5	13.3	13.6	15.7	20.2	19.9	72.8	66.5	66.5
Pottery, china and earthenware (361)	11.8	12.9	12.8	26.6	34.7	37.3	61.6	52.4	49.8
Glass (362)	8.1	10.2	10.1	18.2	24.2	25.3	73.8	65.6	64.6
Other non-metallic									
mineral products (369)	8.2	10.2	11.7	28.6	33.7	31.1	63.3	56.1	57.2
Iron and steel (371)	6.2	8.2	9.4	18.9	23.2	22.8	74.8	68.5	67.7
Non-electrical machinery (382)	2.7	4.6	4.7	16.4	22.5	24.7	80.9	72.9	70.6
Transport equipment (384)	5.2	7.2	7.0	16.1	22.0	24.2	78.8	70.7	68.8
Total manufacturing (300)	8.7	10.2	10.2	18.6	22.8	23.4	72.7	67.0	66.5

Source: See figure 1.

^aExcluding China.

^bAs defined in *International Standard Industrial Classification of All Economic Activities* (United Nations publication, Sales No. 68.XVII.8). The descriptive titles are abbreviated to save space and the ISIC code number is given in parentheses.

^cCountry coverage of the basic data was not sufficient in some manufacturing industries to allow share of net output to be shown for all 28 industrial branches.

A more detailed picture of the manufacturing sector is provided by table 3 which shows the global distribution of value added in selected industrial branches (i.e. as expressed according to the International Standard Industrial Classification at a three-digit level of disaggregation). As expected, the developing countries claim no more than a modest share of world MVA in any industrial branch. In 1979 the relative importance of these countries was greatest in the cases of petroleum refining (34.7 per cent) and tobacco (32.7 per cent). The global dispersion of manufacturing activity shows that the developing countries play only a modest role in the case of heavy industries like industrial chemicals, iron and steel, non-electrical machinery and transport equipment.⁴

In contrast, the developed market economies continue to account for the largest portion of MVA, often claiming more than 50 per cent of world output in specific branches. In fact, despite the general downward trend in the figures for this economic group, there were only three branches—miscellaneous products of petroleum and coal, petroleum refining and pottery, china and earthenware—where their share was below 50 per cent in 1979. In the first of these instances the falling share of the developed market economies was mainly due to gains recorded by the developing countries; the strides made by the centrally planned economies were mainly responsible for the shifts occurring in the latter two branches. In general, the figures given in table 3 suggest that the global dispersion and composition of world MVA is in a constant state of flux, with gains recorded for one industrial branch being matched by contractions elsewhere. Aside, however, from the contraction in the developed market economies, few consistent trends can be observed from the data. Chapter II provides an overview of structural change at the sectoral level and examines some of the factors that may contribute to the unique experiences of individual countries.

⁴For a statistical definition of heavy industry, see table 5.

II. STRUCTURAL CHANGES AT THE SECTORAL LEVEL

The sectoral composition of a country's gross domestic product (GDP) reflects the contribution of each sector of the economy to total economic activity. The composition will naturally change as the economy advances. Growth itself means that the absolute value of output in some or all sectors will increase. Because rates of growth differ from sector to sector, the shares of GDP will change over time. These relative shifts, or structural changes, may also occur irrespective of growth. They may arise from contraction in one sector and simultaneous expansion in another. Changes in the composition or structure of GDP are one indication of each sector's significance during the growth process.⁵

A country typology

Although the pattern of industrial growth in developed countries lends itself to certain generalizations, the practice of treating all developing countries as one homogeneous group has been seen to be misleading.⁶ The conditions governing patterns of structural change may be diverse, complex in their interaction, and varying in influence over time. For these reasons, generalizations concerning structural changes in the developing countries are best limited to subgroups of countries that share at least one salient characteristic. Thus, any analysis of sectoral patterns of structural change is facilitated by resorting to a typology of countries. The country tables appearing in part two of this *Handbook* reflect a country typology based on the following overlapping characteristics: (a) natural resource endowment; (b) size of domestic market; (c) stage of development.

(a) *Natural resource endowment.* Resource endowment has both a direct and an indirect effect on a country's economic structure. The direct effect may be observed in the extent to which the availability of natural resources constrains or facilitates the expansion of certain sectors (e.g. mining or manufacturing) relative to others (e.g. services). The significance of this effect depends, of course, upon the type of resources involved. The existence of precious resources (e.g. oil or certain metals) may have a significant impact on the economic structure, while the more ubiquitous ones (e.g. raw materials for bricks, cement or certain synthetics) are of minimal consequence. Resource endowment exercises an indirect effect on the economic structure of a country

⁵Other indicators would be the sector's share in total employment or total exports.

⁶See, *World Industry in 1980* (United Nations publication, Sales No. 81.II.B.3), pp. 51-61.

by circumscribing its choice of development policies. In exceptional cases, an abundant resource base, or the total lack thereof, dictates a country's choices.

Virtually all countries possessing ample natural resources have used these as an export base. A relative abundance of such resources tends to shift the emphasis from manufacturing to agriculture or mining, since the resource cost of exporting unprocessed products is lower. In these countries, the manufacturing sector's share of GDP is often decidedly less than that of agriculture or mining. Over time, it generally increases more slowly than it does in countries with a narrower range of development alternatives.

(b) *Size of domestic market.* Market size is a tangible indication of the extent to which domestic demand influences economic structure. The most obvious effect is on volume of trade. Large countries tend to have a much lower volume of imports and exports than do small ones. A corollary is that large countries tend to favour inward-looking policies that depend on the domestic market, while smaller ones opt for outward-looking policies that accord a greater role to exports. The basis for this distinction should be clear: the magnitude of domestic demand in large countries affords them a greater latitude in their policy choices⁸ and in the natural pattern of development followed by the economy.

For two reasons the choice of an inward or outward orientation may be more accessible to manufacturers than to producers in other sectors. First, certain activities carried out in the construction, services and agricultural sectors do not result in tradeable goods, although most manufactures are exchanged internationally. Second, when the manufacturing sector is relatively small, policy makers find it easier to divert resources to new industries. When the developing countries began to industrialize, agriculture was generally the largest sector, and the burden of the resource transfers could be spread over a sizeable number of farmers.⁹ It is no accident, therefore, that most countries which have opted for an inward-oriented pattern of industrialization possess large domestic markets and a considerable agricultural sector. Countries with a relatively small agricultural sector have found that inward-oriented policies are not compatible with their domestic structure.

(c) *Stage of development.* Demand and supply patterns change substantially in the course of development. As per capita income rises, the composition of domestic demand alters. A decline in the proportion of total expenditures on such necessities as foodstuffs and clothing is balanced by an increase in expenditures on luxury items, household appliances, industrial supplies and equipment. Economists explain this pattern in terms of Engel's Law, which states that the income elasticity of demand for necessities is typically less than unity, implying that the share of necessities in total consumption will fall as the income level rises.

On the supply side, a country's capital will increase as development continues. The share of savings in income is generally thought to rise as a result

⁸*World Industry Since 1960: Progress and Prospects* (United Nations publication, Sales No. E.79.II.B.3), pp. 45-50.

⁹The size of the domestic market in large countries permits them to realize output economies of scale in industrial projects without resorting to exports.

¹⁰I. M. D. Little, T. Scitovsky and M. F. G. Scott, *Industry and Trade in Some Developing Countries: a Comparative Study* (London, Oxford University Press, 1970), pp. 41 and 42.

of rapid growth in the modern, capitalistic sector with its potential for saving. Over time, an increase takes place also in human capital—the portion of the labour force that is skilled or semi-skilled—as a result of rising investment in education and expenditures on labour training. Both accumulation processes raise labour productivity, as more skilled workers are provided with additional capital equipment. For several reasons, these processes may have favoured manufacturing over other sectors. First, technological advances have been concentrated in manufacturing activities rather than in services or agriculture. Secondly, in developing countries most of the modern capitalistic activities with high savings potential are associated with manufacturing. Thus, firms engaging in such activities are likely to re-invest in that sector. Finally, the bulk of skilled labour is absorbed by manufacturing where wages are relatively high, owing partly to higher levels of labour productivity.

Demand and supply characteristics in developed countries exhibit a rather different pattern. At relatively high levels of income, the demand for social services, entertainment and recreation tend to absorb a large proportion of income gains than manufacturing, and the composition of demand changes accordingly. The age structure of the population in these countries differs from that in developing countries as a result of lower birth rates and greater longevity. This serves to further increase the demand for such specialized services as medical treatment and welfare programmes. As far as the manufacturing sector is concerned, investment funds may be required increasingly for pollution abatement or the acquisition of raw materials and energy that are becoming scarce. Both factors may be instrumental in reducing the output per unit of investment, thus making industrial expansion more expensive in the future. Certain characteristics of the labour force, such as the desire for more leisure and part-time employment, rising educational level and decreasing geographical mobility, may cause job seekers to think of manufacturing as a less attractive source of employment than services.

Various social and demographic factors, therefore, as well as economic ones—resource endowment, market size and stage of development—are important determinants of structure. A unique economic structure, however, does not mean that the long-term pattern of change will also be unique. In fact, as may be seen from the foregoing typology, the opposite would appear to be the case; similar variations in the patterns of consumer demand, the accumulation of human and physical capital, private savings, government revenue and expenditure¹⁰ may provide an impetus for comparable changes in structure, at least among countries belonging to the same subgroup.

With this typology in mind, all countries for which data could be obtained were arranged into homogeneous groups reflecting similarities in natural resource endowment, size of domestic market and stage of development.¹¹ Countries were categorized as: large countries, small countries with modest resources, and small countries with ample resources. In a parallel exercise, all developing countries were arranged according to per capita gross national product (GNP) (in 1975 dollars).

¹⁰In addition to observing that there is a commonality in patterns of consumption, investment and demographics, others have pointed to similarities in urbanization and income distribution. H. B. Chenery and M. Syrquin, *Patterns of Development 1950-70* (London, Oxford University Press, 1975), chapter I.

¹¹The statistical procedure employed to create the country groups is known as cluster analysis, a common method for sorting heterogeneous data into homogeneous groups. For a further discussion see the annex.

The figures in table 4 indicate the composition of GDP in country groups approximating to the above typology in the period 1960-1978. When economic structure is related to level of income, the heterogeneity of the developing countries is apparent. Agriculture shows the greatest viability, ranging from 5 to 40 per cent of GDP in 1978. The long-term decline in the share of this sector is also obvious; contraction occurs over time and as the level of income rises. The effects of resource endowment can be seen from the figures for the high-income developing countries and the OPEC countries. There, the mining sector (including petroleum) is of considerable importance, manufacturing accounts for a smaller share of GDP, and agriculture is of little significance. The effect of market size and economic structure is perhaps less pronounced than is that of the other factors. In general, the data for agriculture and manufacturing show a definite pattern which can be explained in terms of the foregoing typology.

In the period covered, the developed market economies experienced a decline in agriculture and manufacturing. The contraction of agriculture slowed noticeably after 1970, while the drop in manufacturing in 1970-1978 (3 per cent of GDP) was the largest recorded for that sector. In 1978, the GDP (in dollars) of the developed market economies was 4.5 times greater than that of the developing countries. The absolute magnitude of the decline, therefore, was substantial in comparison with percentage changes in the developing countries' structure.

Comparable figures (in current prices) are not available for the centrally planned economies, but data from other sources suggest a unique pattern of structural change. Since 1960, development in those economies has been characterized by rapid growth of MVA and a significant rise in the sector's share of GDP.¹² Recent studies show, however, that the expansion of manufacturing is moderating as rising costs of natural resource extraction, growing investment requirements and the need for greater outlays for technological innovation take their toll.¹³

Development of the service sector deserves some comment. By 1978, services accounted for the largest share of GDP in all groups of countries. As expected, the sector's contribution to GDP increased substantially in the developed market economies. Curiously, it also followed an upward trend in the developing countries at the lower end of the income scale. No clear pattern is to be seen in the figures for developing countries in the intermediate and upper-middle groups, although a definite decline occurred in the developing countries at the high end of the scale. Only this last shift is readily explainable, being due mainly to the growing importance of mining, particularly in the OPEC countries. Unlike agriculture or manufacturing, services revealed no clearly distinguishable pattern of change when developing countries were arranged by market size or resource endowment.

The service sector's development is not really subject to the same forces that influence the growth of other sectors. The steady expansion of services in countries with low per capita income and widespread poverty can hardly be attributed to favourable changes in the pattern of demand. Nor are the arguments regarding savings and investment behaviour applicable, since many service activities are outside the modern sector and seldom require large injections of capital. Economists have offered two possible explanations for the

¹²*World Industry Since 1960* . . . p. 44

¹³*World Industry in 1980* . . . p. 15.

TABLE 4. SECTORAL COMPOSITION OF GDP, SELECTED YEARS
(Percentage)

Grouping ^a	Agriculture			Mining			Manufacturing			Services ^b			Others ^c		
	1960	1970	1978	1960	1970	1978	1960	1970	1978	1960	1970	1978	1960	1970	1978
Developing countries by income group:^d															
Low (28)	51.5	43.3	39.6	2.6	3.0	3.4	5.7	8.6	9.9	35.5	39.2	40.9	4.7	5.9	6.2
Lower middle (23)	39.2	32.9	31.5	5.0	6.7	5.4	9.9	11.9	12.9	39.9	42.8	43.7	6.0	5.8	6.5
Intermediate (20)	30.2	25.0	22.0	3.5	4.4	6.6	13.4	16.0	16.6	46.7	48.1	47.4	6.2	6.5	7.4
Upper middle (10)	17.3	12.5	10.0	7.8	7.5	10.5	15.6	17.9	18.5	51.5	54.1	52.6	7.8	7.9	8.4
High (8)	13.4	7.5	5.5	7.6	15.5	18.6	14.2	15.5	16.4	56.7	52.5	49.7	8.0	9.0	9.8
All countries by size and resource endowment^e															
Large countries (27)	28.2	22.8	20.0	3.5	3.7	4.7	19.4	20.8	20.6	43.0	45.5	47.0	5.8	7.2	7.8
Small countries with modest resources (52)	41.4	34.2	31.3	2.1	2.8	3.6	8.9	11.4	12.4	41.8	45.0	45.8	5.7	6.6	6.9
Small countries with ample resources (32)	18.6	13.6	12.6	7.6	10.0	10.7	17.4	19.0	18.0	47.7	48.5	49.2	8.7	8.9	9.5
OPEC countries (9)	29.7	22.1	12.7	12.2	21.4	30.4	8.8	10.2	9.6	42.5	39.8	36.6	6.8	6.5	10.6
Developing countries total (89)	36.3	29.8	27.2	4.4	5.9	6.8	10.3	12.8	13.7	42.9	45.0	45.2	6.0	6.5	7.1
Developed market economies, total (22)	12.3	7.7	6.5	2.3	1.7	2.3	28.6	28.8	25.8	47.8	51.5	55.3	9.1	10.2	10.2

Source: See figure 1.

^aThe figure in parentheses is the number of countries in the grouping.

^bIncluding wholesale and retail trade, transport and communication, financing, insurance and real estate, community, social and personal services.

^cIncluding construction, electricity, gas and water.

^dDeveloping countries were grouped according to the following levels of per capita GNP in 1975: <\$265; \$265-\$520; \$521-\$1075; \$1076-\$2000; >\$2000. Where GNP was not available, GDP was used.

^eThe demarcation between large and small countries was a population of 20 million in 1970. A cluster analysis was used to distinguish between small countries having modest and ample resource endowment. For a similar description, see UNIDO *World Industry Since 1960: Progress and Prospects* (United Nations publication, Sales No. E.79.II.B.3), pp. 45-50. Further details on this exercise are provided in the annex to this *Handbook*.

service sector's predominance. First, the difference in earnings between white-collar workers and manual workers is much greater in developing countries than in developed market economies. Since most white-collar workers are employed in services, their higher wages swell the value of the sector's output. Second, high rates of population growth and migration from rural to urban areas increase the proportion of the labour force available for manual, unskilled work. Many of the workers so employed earn a minimum wage and their output is priced accordingly, thus inflating services' share of GDP.¹⁴

Services' role in the growth process would appear to be mainly a passive one, responding to pressure arising from growth and contraction elsewhere in the economy: the active forces leading to changes in the structure of output are largely associated with agricultural and manufacturing activities. Casual observation supports this interpretation. In agriculture, for example, land reform, the introduction of irrigation facilities, or the replacement of subsistence products by cash crops or new hybrids can have a dramatic impact on the sector's share of output and employment. Similar comments apply with respect to manufacturing, where rapid technological change or large-scale investment in infrastructure or in manufacturing itself can lead to abrupt changes in the country's economic structure. No technological forces of comparable magnitude exist in the case of services.

¹⁴Lloyd G. Reynolds, *Image and Reality in Economic Development* (New Haven, Yale University Press, 1977), p. 214.

III. INDICATORS OF NET MANUFACTURING OUTPUT

Turning from a sectoral to a more specific discussion of individual industrial branches—the country data given in part two of this *Handbook* include several indicators that can be used to describe the pattern of structural change. Economists have proposed several alternative classifications to express the extent of structural change at the country level. Various studies, for example, have distinguished between light industry (branches producing mainly consumer durables and non-durables) and heavy industry (branches producing mainly capital equipment and industrial supplies). A broadening industrial base is normally associated with a growing share of heavy industry in manufacturing output.¹⁵

The figures in table 5 show long-term changes in the shares of light and heavy industry. In each instance, the share of the latter has increased at the expense of the former. As early as 1955, heavy industry accounted for almost two-thirds of manufacturing output in the developed market economies; one-half in the centrally planned economies; and one-third in the developing countries. By 1978, it was providing more than one-half of manufacturing output in the developing countries. Viewed in these terms, the restructuring of world industry has been quite impressive. The trend was most evident in Latin America, where the share of heavy industry in manufacturing output rose from 43 per cent in 1960 to 60 per cent in 1978. Evidence that heavy industry in the developing countries is the dominant sector of growth is counter to the common belief that this economic grouping has increased its share in world output largely by processing and exporting light manufactures. The important contribution of light manufactures to the gains of the developing countries is well documented; however, the expansion of domestic demand is more closely associated with the growth of heavy manufacturing and would seem to be a major factor in explaining the sector's leading role.

Future changes in the world division of light and heavy industry are difficult to predict. The distribution of light and heavy industry in the developing countries at present is comparable to what it was in the centrally planned economies in 1960. It is reasonable to expect, however, that the share of heavy industry in the developing countries will continue to expand. Concomitant changes in patterns of industrial investment, trade and employ-

¹⁵An alternative interpretation of structural change in the manufacturing sector is to characterize different industrial branches as "early", "middle" or "late", depending on the development phase in which the branch makes its major contribution to the expansion of manufacturing. This classification stresses the different characteristics of demand, explained in terms of the income elasticities pertaining to each branch, and the branch's potential for replacing imports or exporting at different levels of income. One version of this approach appears in part two and is discussed below.

TABLE 5. SHARES OF LIGHT AND HEAVY INDUSTRY IN TOTAL MVA, BY ECONOMIC GROUPING AND DEVELOPING REGION, IN SELECTED YEARS

(Percentage)

Economic grouping or region	1955		1960		1965		1970		1978	
	Light industry	Heavy industry	Light industry	Heavy industry	Light industry	Heavy industry	Light industry	Heavy industry	Light industry	Heavy industry
World	41.2	58.8	40.7	59.3	37.0	63.0	34.4	65.6	33.9	66.1
Centrally planned economies	49.3	50.7	41.9	58.1	36.0	64.0	33.0	67.0	33.3	66.7
Developed market economies	36.5	63.5	38.0	62.0	35.2	64.8	33.0	67.0	32.8	67.2
Developing countries ^a	67.3	32.7	62.5	37.5	56.8	43.2	52.8	47.2	43.4	56.6
Asia	...	...	59.0	41.0	61.0	39.0	57.9	42.1	44.4	55.6
Latin America	...	...	57.2	42.8	52.3	47.7	47.7	52.3	39.6	60.4

Source: for 1955-1970, *World Industry Since 1960: Progress and Prospects* (United Nations publication, Sales No. E.79.II.B.3), p. 66; for 1978, data supplied by the Statistical Office of the United Nations Secretariat and estimates by the UNIDO secretariat.

Note: Light industry is defined in terms of the following ISIC divisions and industrial branches: food, beverages and tobacco (31); textiles, wearing apparel and leather (32); wood and wood products including furniture (33); printing, publishing and allied industries (34); rubber products (35); plastic products (356); and other manufactures (39). Heavy industry consists of the following: paper and paper products (341); industrial chemicals (351); other chemical products (352); petroleum refineries (353); miscellaneous products of petroleum and coal (354); non-metallic mineral products (36); basic metals (37) and fabricated metal products, machinery and equipment (38).

^aAlthough the totals for developing countries include certain African countries, precise figures for that region cannot be derived.

ment are also likely. Since heavy industry is thought to require more capital investment per unit of output than light, the share of the manufacturing sector in total investment may be expected to rise. The share of heavy industry in manufacturing employment in the developing countries has been relatively low, but it should rise as the sector gains importance.¹⁶ Perhaps the most far-reaching changes may be expected in the pattern of trade and, in particular, in the imports of the developing countries. A bigger share for heavy industry will mean increased production of capital goods. In periods of rapid industrial expansion, the demand for capital goods may still outstrip domestic production capabilities. Nevertheless, it is logical to expect that the developing countries will achieve a greater degree of self-sufficiency in the production of these goods in the long term.

Composition of net manufacturing output

The country tables in part two provide data on the composition of net output according to the International Standard Industrial Classification (ISIC). Tables 6 and 7, which summarize the data given in the country tables, show unweighted and weighted percentages in each of the three economic groupings.¹⁷ Both measures suggest that the rise or fall of branch shares within the manufacturing sector tend to be more marked than the expansion or contraction of the sector itself. A comparison of the unweighted and the weighted percentages will show that the latter measures accentuate the extent of structural shifts for individual branches. For example, the unweighted percentages indicate that the share of iron and steel (ISIC 371) in developed market economies declined from 4.9 to 4.8 per cent between 1970 and 1978. Similarly, in the case of the developing countries, food products (ISIC 311/2) dropped from 21.2 to 18.9 per cent during the same period. The corresponding changes in weighted averages were a fall from 6.7 to 5.6 per cent in the first instance and from 17.0 to 14.5 per cent in the second. Thus, changes in the weighted averages are more sensitive to the expansion or concentration in the larger economies included in each economic group. With regard to the country data given in part two, the circumstances and conditions governing changes in the composition of net manufacturing output are obviously too diverse to be commented on in the present publication. Figures for individual countries may, of course, be compared with the data shown in tables 6 or 7, using the latter as a benchmark or point of reference.

Relative specialization in manufacturing output

A second indicator used in the country tables refers to the pattern of specialization in net output. A measure of relative specialization is obtained by comparing the composition of net manufacturing output in each country with the corresponding structure in a subgroup of countries of comparable size and

¹⁶In 1973, the share of heavy industry in manufacturing employment in the developed market economies amounted to 58 per cent, compared with 29 per cent in the developing countries.

¹⁷The percentages shown in table 7 were weighted by the value of net output, expressed in dollars, in each industrial branch. The results would be indicative of the structure of the manufacturing sector in a group of countries. For further discussion of the methods of calculation and their interpretation, see *World Industry Since 1960* . . . pp. 69-71.

TABLE 6. UNWEIGHTED STRUCTURE OF NET MANUFACTURING OUTPUT BY ECONOMIC GROUPING, 1963, 1970 AND 1978

(Percentage)

Branch (ISIC)	Economic grouping (number of countries) ^a								
	Developed market economies (23)			Centrally planned economies (7)			Developing countries (47)		
	1963	1970	1978	1963	1970	1978	1963	1970	1978
Food products (311/2)	12.9	10.9	10.7	15.2	12.7	10.7	26.3	21.2	18.9
Beverages (313)	2.8	2.6	2.6	2.9	2.6	2.2	5.7	4.9	5.7
Tobacco (314)	1.5	1.1	1.0	1.9	1.3	0.9	6.3	4.9	4.4
Textiles (321)	7.0	6.3	5.4	10.5	9.1	7.7	11.3	11.8	10.8
Wearing apparel (322)	4.2	3.6	4.1	4.0	4.0	3.5	3.6	3.9	4.1
Leather and fur products (323)	0.9	0.7	0.6	1.0	0.9	0.7	1.0	0.9	0.9
Footwear (324)	1.4	1.0	0.9	1.8	1.5	1.3	1.7	1.8	1.6
Wood and cork products (331)	3.5	3.1	2.8	3.2	2.4	2.0	3.7	3.2	2.8
Furniture and fixtures excluding metal (332)	2.9	2.7	2.5	1.4	1.5	1.6	2.1	1.8	1.3
Paper (341)	4.1	4.4	4.3	1.5	1.4	1.3	1.8	2.0	2.3
Printing and publishing (342)	5.5	4.9	4.8	0.9	0.9	0.8	2.9	2.6	2.4
Industrial chemicals (351)	3.2	4.2	5.0	4.1	6.0	6.7	2.1	2.8	3.2
Other chemicals (352)	2.9	3.4	3.7	1.3	1.7	1.9	4.2	4.6	5.3
Petroleum refineries (353)	1.0	1.4	1.4	1.7	2.4	2.6	5.6	7.2	7.1
Miscellaneous products of petroleum and coal (354)	0.8	0.5	0.4	0.7	0.6	0.4	0.2	1.0	0.8
Rubber products (355)	1.3	1.6	1.4	1.3	1.4	1.5	1.9	1.6	1.6
Plastic products (356)	1.0	1.7	2.0	0.6	0.8	1.0	0.6	1.1	1.4
Pottery, china and earthenware (361)	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.5	0.5
Glass (362)	0.9	0.9	0.9	0.9	1.0	1.0	0.6	0.7	0.7
Other non-metallic mineral products (369)	3.8	3.8	3.5	4.0	3.9	3.4	3.5	3.9	4.0
Iron and steel (371)	4.5	4.9	4.8	8.7	7.7	6.6	1.6	2.5	2.6
Non-ferrous metals (372)	1.6	1.7	1.8	2.4	2.4	2.1	1.5	1.2	1.3
Metal products, excluding machinery (381)	7.6	8.1	7.7	26.6	30.4	36.6	3.5	4.2	4.3
Non-electrical machinery (382)	7.7	8.2	8.1						
Electrical machinery (383)	5.4	5.6	7.9						
Transport equipment (384)	7.8	8.3	8.4						
Professional and scientific equipment, photographic and optical goods (385)	1.0	0.9	1.1						
Other manufactures (390)	2.3	2.0	1.7	2.9	2.9	3.0	1.6	1.6	1.6

Source: UNIDO data base for regional and country studies, data supplied by the Statistical Office of the United Nations Secretariat and estimates by the UNIDO secretariat.

Note: All calculations based on data expressed in dollars at 1975 prices.

^aAn identical country sample was used in the calculation of the percentages for 1970 and 1978. In a few instances, data for 1978 were not available and the country's composition of net manufacturing output in 1977 was used. Owing to differences in the statistical coverage at the country level, the composition of the sample in 1963 differed slightly from that in later years.

level of resource endowment.¹⁸ The resultant ratios reflect the contribution of each branch to the country's total MVA, relative to the corresponding weighted average of the same branch in the subgroup to which the country belongs. For

¹⁸In each case, the composition of net manufacturing output is defined at the branch level (i.e. according to the ISIC at the three-digit level of disaggregation). For a listing of the country members of each group, see the annex.

TABLE 7. WEIGHTED STRUCTURE OF NET MANUFACTURING OUTPUT BY ECONOMIC GROUPING, 1963, 1970 AND 1978

(Percentage)

Branch (ISIC)	Economic grouping (number of countries) ^a								
	Developed market economies (23)			Centrally planned economies (7)			Developing countries (47)		
	1963	1970	1978	1963	1970	1978	1963	1970	1978
Food products (311/2)	10.2	8.9	8.7	15.4	13.3	10.3	18.1	17.0	14.5
Beverages (313)	2.1	2.0	2.0	2.6	2.1	1.8	3.1	3.4	3.8
Tobacco (314)	1.0	0.8	0.7	0.8	0.5	0.4	3.6	3.0	2.7
Textiles (321)	5.5	4.8	4.0	8.8	7.6	6.3	12.3	11.1	9.3
Wearing apparel (322)	3.5	2.8	2.6	5.4	5.2	4.2	3.2	3.0	3.0
Leather and fur products (323)	0.6	0.5	0.4	1.0	0.8	0.6	0.7	0.6	0.6
Footwear (324)	1.0	0.7	0.6	2.1	1.8	1.3	1.2	1.0	0.9
Wood and cork products (331)	2.7	2.3	2.0	2.6	2.1	1.6	2.7	2.7	2.2
Furniture and fixtures, excluding metal (332)	1.9	1.8	1.9	1.3	1.3	1.4	1.4	1.3	1.0
Paper (341)	3.8	3.8	3.7	1.2	1.1	1.0	2.3	2.6	2.4
Printing and publishing (342)	5.4	4.8	4.4	1.0	1.0	0.9	2.8	2.5	2.2
Industrial chemicals (351)	3.5	4.8	5.8	3.8	5.0	5.8	2.1	3.1	3.8
Other chemicals (352)	3.3	3.7	4.3	0.9	1.0	1.1	4.7	5.8	6.6
Petroleum refineries (353)	1.5	1.8	1.7	0.9	1.3	1.5	11.2	6.1	5.6
Miscellaneous products of petroleum and coal (354)	0.5	0.3	0.3	1.2	0.9	0.7	0.3	0.8	0.8
Rubber products (355)	1.4	1.4	1.4	1.1	1.1	1.1	1.8	1.9	1.9
Plastic products (356)	0.9	1.6	2.3	0.4	0.7	0.8	1.0	1.5	1.7
Pottery, china and earthenware (361)	0.5	0.5	0.4	0.8	0.8	0.8	0.7	0.6	0.7
Glass (362)	0.9	0.9	1.0	0.7	0.8	1.0	0.7	0.8	0.9
Other non-metallic mineral products (369)	3.5	3.1	3.0	5.3	5.3	4.5	2.7	3.2	3.5
Iron and steel (371)	6.6	6.7	5.6	7.5	6.3	5.0	3.9	4.8	5.1
Non-ferrous metals (372)	1.7	1.7	1.7	2.5	2.9	2.7	1.8	1.9	1.8
Metal products, excluding machinery (381)	7.2	7.3	7.1				3.7	4.7	4.7
Non-electrical machinery (382)	10.6	11.5	11.1				2.6	3.4	5.1
Electrical machinery (383)	6.6	8.1	9.3				2.7	4.5	5.8
Transport equipment (384)	10.1	10.0	10.5	30.5	34.7	42.3	4.4	5.7	6.9
Professional and scientific equipment, photographic and optical goods (385)	1.8	1.9	2.1				0.4	0.5	0.6
Other manufactures (390)	1.7	1.5	1.4	2.2	2.4	2.9	3.9	2.5	1.9

Source: See table 6.

Note: All calculations based on data expressed in dollars at 1975 prices.

^aAn identical country sample was used in the calculation of the percentages for 1970 and 1978. In a few instances, data for 1978 were not available and the country's composition of net manufacturing output in 1977 was used. Owing to differences in the statistical coverage at the country level, the composition of the sample in 1963 differed slightly from that in later years.

example, a ratio of 2.0 would imply that, for the country in question, the branch's share in MVA is twice the average recorded for all countries of a similar size and level of resource endowment. By referring to the data for each of the two years shown, it can be ascertained whether the country's degree of relative specialization has increased or, alternatively, if its structure has become closer to that in its subgroup. Since the indicator is a relative one, unique to the country in question, no attempt has been made to compile summary figures similar to those shown in this chapter for other indicators.

Ratio of value added to gross output

A third indicator appearing in part two is the share of value added in gross output, shown for each industrial branch in 1970 and the most recent year for which data were obtainable. Value added (or net output) is frequently used by economists and statisticians to study changes in the level and composition of manufacturing activity. It is a net concept referring to the branch's contribution to the total product value, or gross output. Indeed, a large portion of the gross value of some products may be attributable to branches other than the one producing the final product or, alternatively, a substantial share of gross output may actually be supplied by another economic sector such as agriculture.¹⁹ The ratios shown here, therefore, represent each industrial branch's contribution to the total value of all products supplied by that branch. For example, a ratio of 0.25 means that one-quarter of the total value of the products supplied by the branch are attributable to processing activities carried out by firms within the branch.

These shares are subject to a variety of determinants that may hinder comparisons between groups of countries. For example, the type of ownership—foreign or local—is sometimes a significant determinant of the share of value added in gross output. Foreign-owned firms are likely to be vertically integrated and to perform only a limited degree of processing or assembly operations in the host economy. Afterwards, they export the semi-finished goods to another location where further processing can be done more cheaply. This practice reduces the share of value added, especially when the foreign-owned firms predominate in a particular industrial branch. The scale of production activities, the necessary raw material inputs, the degree of capital intensity and the labour requirements may also vary between two countries because of different product lines within the same branch or the use of different technologies in the production of the same product. Each of these input/output relationships can alter the share of value added in gross output. Moreover, even if the two countries should produce an identical product, using identical raw materials and production technologies, a difference may still appear in the ratio of value added to gross output since both of these components are measured in money terms and are subject to differences in wage levels, price of input materials and price of output.²⁰

Ambiguities in gross output data caused by statistical anomalies are also relevant to the ratios described here. In some instances, the gross output data may include an element of double counting, which distorts estimates of the share of value added in gross output. This occurs most often in the manufacture of components that later become part of a larger product. Statistically, the production of the component may be treated in one of three ways:

(a) As part of the largest product, if the establishment producing the larger product also produces the component and then incorporates it;

(b) As a sale by the component manufacturer to the establishment producing the larger product and, later, as a portion of the sale value of the final product (i.e. double-counting);

¹⁹This is the case, for example, in food products (ISIC 311/2), where the ratio of value added to gross output is relatively low because a large portion of the final product's value is attributable to activities in the agricultural sector.

²⁰Indirect taxes and subsidies may also contribute to differences in the share of value added.

(c) As the sale of a final product, if the component is to be used for replacement or exported for assembly abroad.²¹

It is not a simple matter, therefore, to ascertain reliable estimates of value added in gross output. Moreover, comparisons between different industrial branches or of the same branch in different countries become tenuous when the production of components accounts for a significant portion of activity in the branches.

Despite these considerations, the ratio of value added to gross output is still regarded as an important indicator of manufacturing activities and has frequently been used in studies relating production with trade data (e.g. in order to estimate the degree of import penetration).²² Figure II summarizes the results of the calculation of the ratio for all countries included in part two. It shows that in developed countries (centrally planned and developed market economies) 12 industrial branches experienced a marked reduction in the average share of value added in gross output during the 1970s.²³ The decline was a pronounced one for beverages, industrial chemicals and petroleum refining. Among developing countries a total of 15 industrial branches experienced a similar marked reduction. This drop was particularly obvious in the case of petroleum refining, rubber products and plastic products. The downward trend was widespread; it applied to almost all industrial branches and occurred in both the developing and the developed countries. Explaining this trend, in either statistical or economic terms, is beyond the scope of this *Handbook*.²⁴ If the available evidence is accepted, however, two important implications deserve mention.

First, a frequent objective of firms in both developing and developed countries is to raise their share of value added in gross output. In the developing countries, this objective has its basis in the fact that many manufacturing activities are limited to processing raw materials and natural resources, the goods then leaving the country in a semi-finished state. Naturally, therefore, firms in those countries often seek to extend the scope of local processing and thereby raise the value added content of their production. In the developed countries, many firms and corporations aspire to "move upstream" by increasingly specializing in product lines that have a large value added content.²⁵ Although individual firms undoubtedly realize this ambition, the prospects for wider success appear to be tenuous, given the general trend in the opposite direction.

Second, the general decline in averages, if applicable to the portion of domestic production that is exported, has important implications for trade.²⁶

²¹Automobile assembly is a typical instance where any or all of these possibilities may occur.

²²Trade data, like production data, are recorded in gross terms.

²³A marked reduction was arbitrarily defined as being more than a 5 per cent decrease. Calculations of the ratios were carried out for a total of 27 industrial branches. Other manufactures (ISIC 390) were excluded owing to the heterogeneous nature of the products and processes constituting this branch.

²⁴One obvious possibility would be that the prices of inputs (e.g. raw materials and supplies) used by manufacturers have risen at a more rapid pace than have the prices of the finished manufactures, the wage bill in manufacturing or the rates of profit. The structure of firms within a branch, the degree of subcontracting or statistical anomalies such as the extent of double-counting could also be relevant. Subsequent research is planned by UNIDO in this field.

²⁵This approach is discussed in UNIDO, *World Industry in 1980* . . . chapter III.

²⁶Trade data, like production data, are recorded in gross terms. Many studies of import penetration make use of comparisons between exports, imports and production, all of which are expressed in gross value.

For example, over time, the value of the country's imports of manufactures would have a lower value added content. Since value added, and not gross output, is the appropriate concept for measuring import competition (i.e. the extent to which imports displace domestic manufacturing activity), existing import data (expressed in gross terms) may give an exaggerated impression of the degree of import penetration to be expected in later years

As noted above, degree of fabrication, wage level and material costs are important determinants for the ratio of value added to gross output. A comparison of the figures for developing countries with those of developed countries shows that the latter recorded higher ratios for certain labour-intensive industries: wearing apparel; leather and fur products; pottery, china and earthenware; glass; electrical machinery; and professional and scientific equipment, photographic and optical goods. Differences between the two economic groupings may be explained by higher wage costs per unit of output as well as a more extensive degree of fabrication. On the other hand, in several capital-intensive industries (e.g. industrial chemicals, petroleum refineries, and miscellaneous products of petroleum and coal) and resource-based industries (beverages, tobacco), developing countries recorded a higher ratio than did the developed countries. This was probably due to the lower price of their input materials, particularly materials that ranked as primary products in those countries.

Although differences may be noted between the two economic groupings, similarities are to be seen in the ranking of their industrial branches. Figure II shows, for example, that branches having a relatively high ratio in developed countries recorded a similar ratio in developing countries. Using data for the late 1970s, the ranking of branches for each economic grouping may be summarized as follows (figures in parentheses being the average ratio of value added to gross output):

*Seven branches with the highest ratio
of value added to gross output*

*Seven branches with the lowest ratio
of value added to gross output*

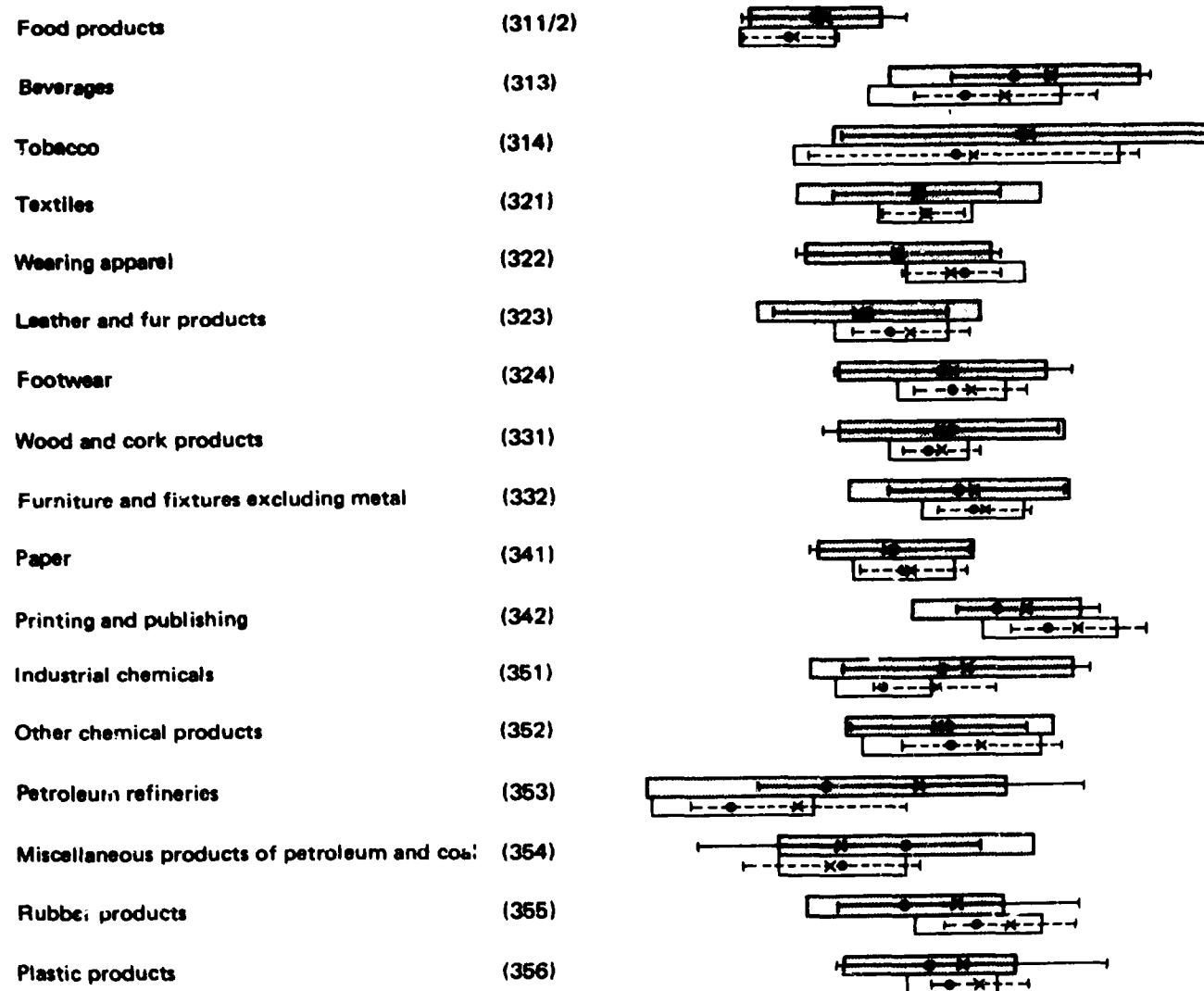
Developed countries

Pottery, china and earthenware (0.622)	Petroleum refineries (0.160)
Glass (0.552)	Food products (0.234)
Printing and publishing (0.551)	Miscellaneous products of petroleum and coal (0.294)
Professional and scientific equipment, photographic and optical goods (0.550)	Non-ferrous metals (0.299)
Non-electrical machinery (0.481)	Industrial chemicals (0.347)
Other non-metallic mineral products (0.478)	Leather and fur products (0.359)
Electrical machinery (0.464)	Iron and steel (0.366)

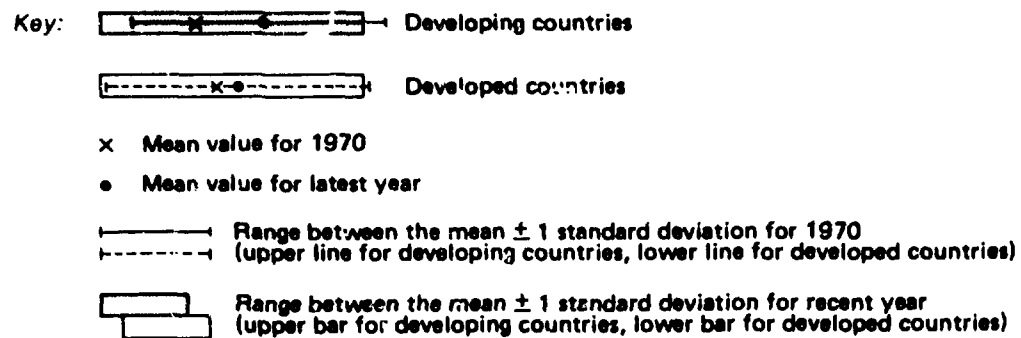
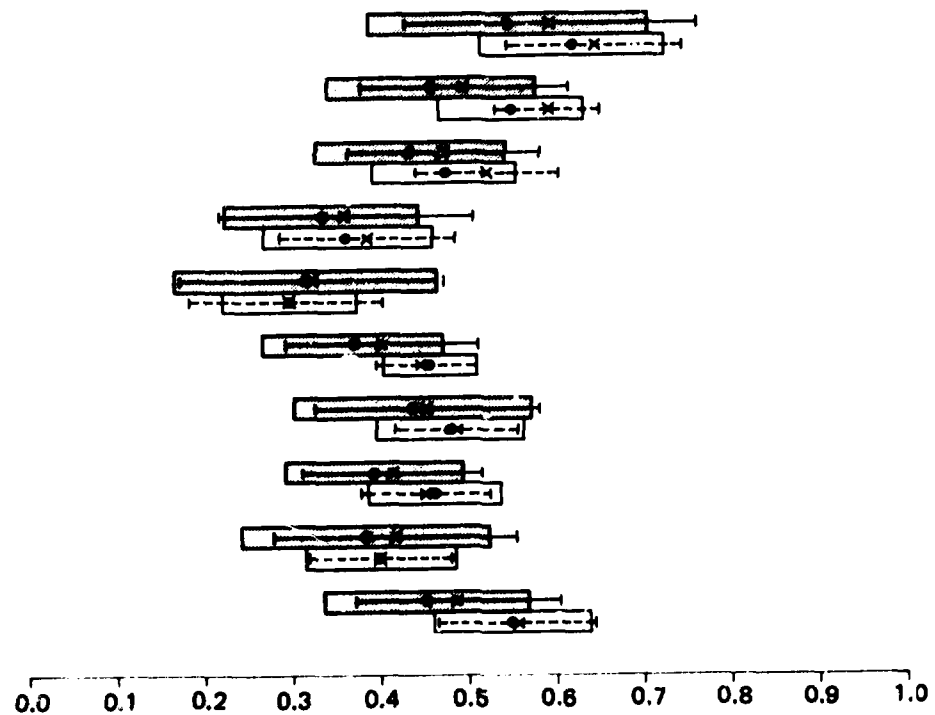
Developing countries

Pottery, china and earthenware (0.551)	Food products (0.268)
Tobacco (0.523)	Petroleum refineries (0.277)
Beverages (0.512)	Non-ferrous metals (0.317)
Printing and publishing (0.486)	Leather and fur products (0.333)
Glass (0.462)	Iron and steel (0.337)
Professional and scientific equipment, photographic and optical goods (0.452)	Paper (0.362)
Furniture and fixtures excluding metal (0.440)	Wearing apparel (0.369)

Figure II. Ratio of value added to gross output by industrial branch for 1970 and the latest year for which data is available



Pottery, china and earthenware	(361)
Glass	(362)
Other non-metallic mineral products	(369)
Iron and steel	(371)
Non-ferrous metals	(372)
Metal products excluding machinery	(381)
Non-electrical machinery	(382)
Electrical machinery	(383)
Transport equipment	(384)
Professional and scientific equipment, photographic and optical goods	(385)



The results for the remaining 13 branches all fall within a relatively narrow range (0.372 to 0.459 in developed countries, and 0.371 to 0.439 for the developing countries). Thus, in each economic grouping, the variations in the averages by industrial branch are rather small, particularly if those branches with extreme values are excluded.

Finally, turning from a comparison of the industry averages to the distribution of country values, figure II also shows the dispersion of the observations. In the late 1970s, the dispersion of the ratios for developing countries was significantly larger than was that for developed countries. This was particularly evident in the cases of textiles; wood and cork products; furniture and fixtures except metal; plastic products; and metal products except machinery. This result may be due to a variety of factors, including wide variations in wage levels, prices of input materials, and the weights of specific subgroups within a given industrial branch. In this last instance, the value added to gross output ratios obtained for the country groupings may not be comparable owing to the relatively few industrial activities included in the branch totals for the many developing countries that have yet to develop an industrial base.²⁷

²⁷It should also be noted that estimation procedures, including the definition of value added, differ from country to country. This is particularly true for developing countries. Typical examples are the use of "net value added" and "gross value added". The latter includes depreciation costs while the former does not. For further discussion of these statistical anomalies see the annex and United Nations, *Yearbook of Industrial Statistics*, vol. 1, recent issues.

IV. RELATIVE DEGREE OF INDUSTRIALIZATION

Over the past two decades, studies of industrial growth have produced an impressive body of information revealing important similarities in the patterns of industrial growth of many countries. Although cultural, economic, political and social phenomena serve to individualize the development process, there is some evidence that the shares of many industrial branches tend to expand or contract in a similar fashion.²⁸

Such similarity of structural change implies the existence of universal factors important enough to impose some regularity on the industrial growth process. However, the presence of strong group factors (as distinguished from universal factors) may influence the changing industrial structure of one set of countries in such a way that it is systematically different from that of another set of countries. Structural change cannot be accurately described without taking the group factors into account. Accordingly, before their industrial growth patterns were analysed, countries were arranged into relatively homogeneous subgroups:

Following the line of reasoning described in chapter II, market size, natural resource endowment and production orientation were all thought to influence the pattern of industrial growth and, consequently, the industrial structure. Using quantitative measures of each of these characteristics as criteria, a cluster analysis (described in the annex) was then employed to arrange the available data for 134 countries and areas into five relatively homogeneous subgroups:

Large countries;

Small countries with modest resources;

Small countries with ample resources and oriented towards primary production;

Small countries with ample resources and oriented towards industrial production;

Centrally planned economies.²⁹

²⁸See *A Study of Industrial Growth* (United Nations publication, Sales No. 63.II.B.2); H. B. Chenery and L. Taylor, "Development patterns among countries and over time", *Review of Economics and Statistics*, vol. 50, No. 4 (1968), pp. 391-415; *Sectoral Aspects of Long-term Economic Projections with Special Reference to Asia and the Far East*, Development Programming Techniques Series No. 6 (Bangkok: ESCAP, 1967); and Chenery and Syrquin, *op. cit.*, and *World Industry Since 1960* . . . , pp. 43-63.

²⁹In view of differences in the economic decision-making process and statistical practices, centrally planned economies were treated as a separate subgroup.

TABLE 8. INCOME AND SIZE ELASTICITIES BY INDUSTRIAL BRANCH, 1970-1978

Branch (ISIC)	Small countries									
	Large countries		With modest resources		With ample resources and				Centrally planned economies	
					Primary orientation		Industrial orientation			
	Income	Size	Income	Size	Income	Size	Income	Size	Income	Size
Food products (311/2)	1.09	-0.18	1.09*	0.10†	0.22	-0.18	0.77	0.21	0.66*	-0.10*
Beverages (313)	1.17	-0.65	0.88†	0.27	0.46	-0.20	0.74	-0.29	0.74	-0.16
Tobacco (314)	0.61	-0.22	0.74	0.14†	1.22	0.19	0.55	-0.32	-0.62	-0.39
Textiles (321)	0.93	-0.08†	1.18	0.86	0.09	0.57	0.74	0.40	0.60	-0.08†
Wearing apparel (322)	1.49	-0.33	1.41	-0.16*	0.72†	-0.33	0.81	-0.11	0.11	0.12
Leather and fur products (323)	1.23	-0.23	1.10*	0.06*	0.36	0.09*	0.56	0.04*	0.70	-0.16
Footwear (324)	1.26	-0.22	0.88*	0.04*	0.80*	-0.05*	0.66	0.01*	0.70	0.03*
Wood and cork products (331)	1.21	-0.06*	1.23	-0.12*	0.72†	-0.46	1.14	0.38	0.40	-0.11
Furniture and fixtures excluding metal (332)	1.57	-0.07*	1.47	-0.28	0.75†	-0.29	1.20	-0.08†	0.53	-0.11
Paper (341)	1.61	0.06*	1.10*	0.43	0.71	0.11*	1.38	0.17	1.03*	-0.17
Printing and publishing (342)	1.58	0.03*	1.41	0.36	0.65	-0.54	1.41	-0.01*	1.74	-0.04*
Industrial chemicals (351)	1.63	0.15†	1.46	0.53	1.82	0.05*	1.08†	0.54	1.28	-0.00*
Other chemicals (352)	1.26	0.16	1.58	0.89	1.71	0.22	0.84	0.39	1.36*	-0.38
Petroleum refineries (353)	1.13	-0.35	1.50	-0.29	1.62	0.03*	0.53	0.32	0.97*	-0.57
Miscellaneous products of petroleum and coal (354)	0.61	-0.15†	2.08	-1.65	1.04*	0.25	1.59	-0.03*	0.20	0.47
Rubber products (355)	1.39	-0.03	1.94	1.24	0.68	0.13†	0.73	-0.52	1.86	-0.25
Plastic products (356)	1.65	-0.11†	1.87	0.72	0.72	0.19	1.21	-0.10	1.49	-0.19
Pottery, china and earthenware (361)	1.23	0.15	0.56	-0.78	1.15	-0.20	1.12†	0.12†	1.38	0.18
Glass (362)	1.35	-0.26	1.87	0.20*	1.65	0.41	1.25	-0.15	1.52	-0.08*
Other non-metallic mineral products (369)	1.31	-0.15	1.09*	0.24	0.61	-0.12	1.06†	0.08	0.39	0.14
Iron and steel (371)	1.60	0.14	1.58	0.65	0.70	0.43	1.58	-0.31	1.09*	-0.09†
Non-ferrous metals (372)	1.34	-0.17	1.66	0.80	-0.20	-0.03*	1.42	0.27	0.53	0.07
Metal products, excluding machinery (381)	1.54	-0.07	1.49	0.57	0.94*	-0.12	1.17	0.10	0.83	-0.05*
Non-electrical machinery (382)	1.92	0.35	1.82	0.49	1.58	-0.10*	1.77	0.11	1.24	-0.41
Electrical machinery (383)	1.85	0.31	2.38	0.98	0.51	-0.02*	1.36	0.22	1.28	-0.02*
Transport equipment (384)	1.84	0.07*	2.18	0.75	1.34*	0.18	1.28	0.23	1.22	0.49
Professional and scientific equipment, photographic and optical goods (385)	2.08	0.42	1.97	-0.16*	0.66	-0.63	2.01	-0.49	1.68	-1.11
Other manufactures (390)	1.22	0.17	1.03*	0.20	0.84*	-0.32	1.48	-0.58	-1.14	-0.07

Source: UNIDO data base with data supplied by the Statistical Office of the United Nations Secretariat.

Note: Elasticities of per capita value added in 1975 dollars with respect to income (per capita GDP in 1975 dollars) and size (population) were derived from regressions on the basis of pooled annual cross-country samples. The regression coefficients which represent the income (size) elasticities described above were, in general, significantly different from 1 (0) at the 5 per cent level. Exceptions are marked by † (*), if the corresponding significance level was less than (greater than) 10 per cent. For a description of the econometric techniques used, see J. Johnston, *Econometric Methods* (New York, McGraw Hill, 1960), pp. 106-144.

The choice of universal factors that influence the growth patterns of the manufacturing sector and its respective industrial branches was guided by previous studies and development theory. The most commonly employed universal factors, per capita income and population size, were used to explain the growth patterns of industrial branches in each country shown in part two.

The approach was to estimate the typical growth pattern for each industrial branch in each of the five country groups and then to compare these averages with the growth pattern of the same branch in each country. The results of these comparisons were employed to characterize the growth of each branch in a given country as being (a) average, or roughly equivalent to, (b) lagging behind, or (c) leading, the growth of the branch in the reference group.³⁰

The results summarized here and presented in part two of the *Handbook* are not intended to indicate optimal or desirable patterns of industrial growth; no normative significance is implied. The results do provide insights into the manner in which resource endowment, country size and level of income bring about changes in the industrial structure and serve to indicate feasible, rather than optimal, growth paths. Furthermore, information on the typical growth patterns prevailing in relatively homogeneous groups of countries provides a useful reference point when anticipating the industrial structure of countries that are expected to reach comparable positions in the future.

The results obtained for each of the 28 industrial branches and country groups are summarized in table 8. Industrial growth at the branch level is seen to be, on average, more elastic³¹ in response to income growth than to differences in size. With regard to income elasticities those branches tending to grow slowly included food products, beverages, tobacco, textiles, products of petroleum and coal and pottery, china and earthenware. High income elasticities are associated with non-electrical machinery, electrical machinery and plastics. The influence of market size is generally more important for those branches included in heavy industry. As expected, this variable is generally more important for the small countries, particularly those having only a modest resource endowment, than for the large ones.

³⁰A similar approach is frequently employed by economists when analysing growth patterns in specific countries. See for example, Stephen E. Guisinger, "Patterns of industrial growth in Pakistan", *Pakistan Development Review* vol. XV, No. 1 (1977), pp. 8-27.

³¹An elasticity is a simple measure of the responsiveness of one variable (in this case manufacturing value added for a given industrial branch) to a change in a second (per capita GDP for income elasticity and size of the economy for size elasticity). For example, an income elasticity of 1.2 means that for a 1 per cent growth in income, manufacturing output tends to increase by 1.2 per cent.

V. INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Data on apparent consumption are shown, by country, in part two of the *Handbook*. Most of the commodities referred to there are industrial intermediates or food products; sufficient information was not available to include consumer durables or capital goods.

A comparison of country results reveals a wide variation in levels of apparent consumption per capita for most commodities. Although level of income is usually the overriding determinant of the pattern of consumption, a variety of other factors contribute to the diversity. In the case of certain food items, consumer preferences (in the form of dietary or cultural factors) sometimes exert an important influence on the pattern of consumption. Resource endowment is evidently another significant determinant of apparent consumption of those industrial intermediates that are not far removed from the raw-material state. Examples include vegetable oils, raw sugar, cotton yarn and fabrics, wood pulp, petroleum products and non-ferrous metals. Finally, the size of the domestic market appears to be an important contributor to country differences in the case of intermediates such as industrial chemicals, iron and steel, and non-ferrous metals.

The influence of these determinants—as well as the more general impact of substantial differences in purchasing power or per capita income—gives rise to the wide divergences in the consumption patterns of different countries. Table 9 provides a summary of the part two tables for 31 commodities in terms of unweighted averages for developing countries and developed market economies. For two reasons, the figures for developing countries are likely to be overestimated. First, negligible or non-existent levels of apparent consumption were excluded from the data and these invariably concerned only the developing countries. Second, the lack of consumption data was most pronounced in the case of the lower-income developing countries.³² Both statistical considerations would lead to an underestimation of the actual consumption gap between the two groups of countries.

For most of these commodities, the levels of per capita consumption in the developing countries were considerably lower than those recorded for developed market economies. This is particularly true for important industrial intermediates like pulp and paper, industrial chemicals, iron and steel, and non-ferrous metals. In fact, the table shows only three instances where the apparent consumption of developing countries was equal to at least one-half

³²Negligible or non-existent levels of apparent consumption implied by the corresponding absence of both domestic supply and imports were frequently noted for the lower-income developing countries. This result was most common in the case of industrial intermediates and would be partially attributable to the lack of industrial processing facilities necessary to produce these commodities.

TABLE 9. UNWEIGHTED AVERAGES OF ANNUAL PER CAPITA APPARENT CONSUMPTION OF SELECTED COMMODITIES IN DEVELOPING COUNTRIES AND DEVELOPED MARKET ECONOMIES, 1976-1978

Commodity	ISIC	Unit of measurement	Developing countries	Developed market economies
Beef and veal, fresh	311-101	kg	10.2	30.4
Milk and cream, dried or condensed	311-201, 204	g	4 747.4	11 062.7
Butter and cheese	311-207, 210	g	2 668.7	14 584.4
Vegetables, tinned or bottled; and fish, tinned	311-322, 407	g	1 985.2	12 075.3
Margarine, imitation lard etc.	311-501	g	2 371.6 ^a	8 638.8
Flour, cereal	311-601, 607	kg	40.1	71.2
Bread, ships' biscuits etc.	311-704	kg	9.4 ^a	40.6
Sugar	311-801, 804	kg	53.5	99.4
Prepared animal feeds	312-201	kg	32.5	229.0
Vegetable oils except soyabean and groundnut oils	311-516, 519, 528, 531, 534, 537	kg	23.6 ^a	36.2
Wool and cotton yarn	321-103, 109	g	2 242.5	6 283.7
Cotton and woollen woven fabrics	321-128, 134	g	1 100.8	3 765.7
Knitted fabrics	321-301	g	468.8 ^a	1 700.6
Wood pulp, mechanical; pulp of fibres other than wood; and wood pulp, sulphate and soda	341-101, 104, 110	kg	9.5	176.3
Newsprint and other printing and writing paper	341-119, 122	kg	4.0	52.5
Methanol	351-121	g	229.1	10 729.3
Chlorine, sulphuric acid, nitric acid, ammonia, caustic soda, and calcium carbide	351-145, 147, 149, 158, 159, 173	kg	32.8	234.3
Dyestuffs, synthetic	351-174	g	90.5	581.5
Nitrogenous, phosphatic and potassic fertilizers	351-201, 204, 207, 210	kg	15.4	68.4
Insecticides, fungicides	351-216	kg	1 035.1	2 278.1
Rubber, synthetic	351-301	g	461.4	6 221.8
Distillate and residual fuel oils	353-019, 022	kg	260.8	1 394.6
Other ferro-alloys	371-013	kg	0.2	8.5
Wire rods	371-028	kg	5.2	32.3
Angles, shapes and sections	371-036, 037	kg	11.2	78.1
Plates, medium and heavy	371-040, 043	kg	11.6	58.6
Tubes, seamless and welded	371-076, 079	kg	13.1	34.9
Steel castings and forgings	371-085, 088	kg	0.4	7.3
Copper, refined unwrought	372-004	g	567.6	6 670.7
Aluminium, unwrought	372-022	g	553.0	14 617.6
Lead, refined, zinc, tin, unwrought	372-037, 043, 049	g	602.6	9 775.2

Source: UNIDO, based on country tables in part two.

^aNumber of developing countries included is less than 10 but more than 7.

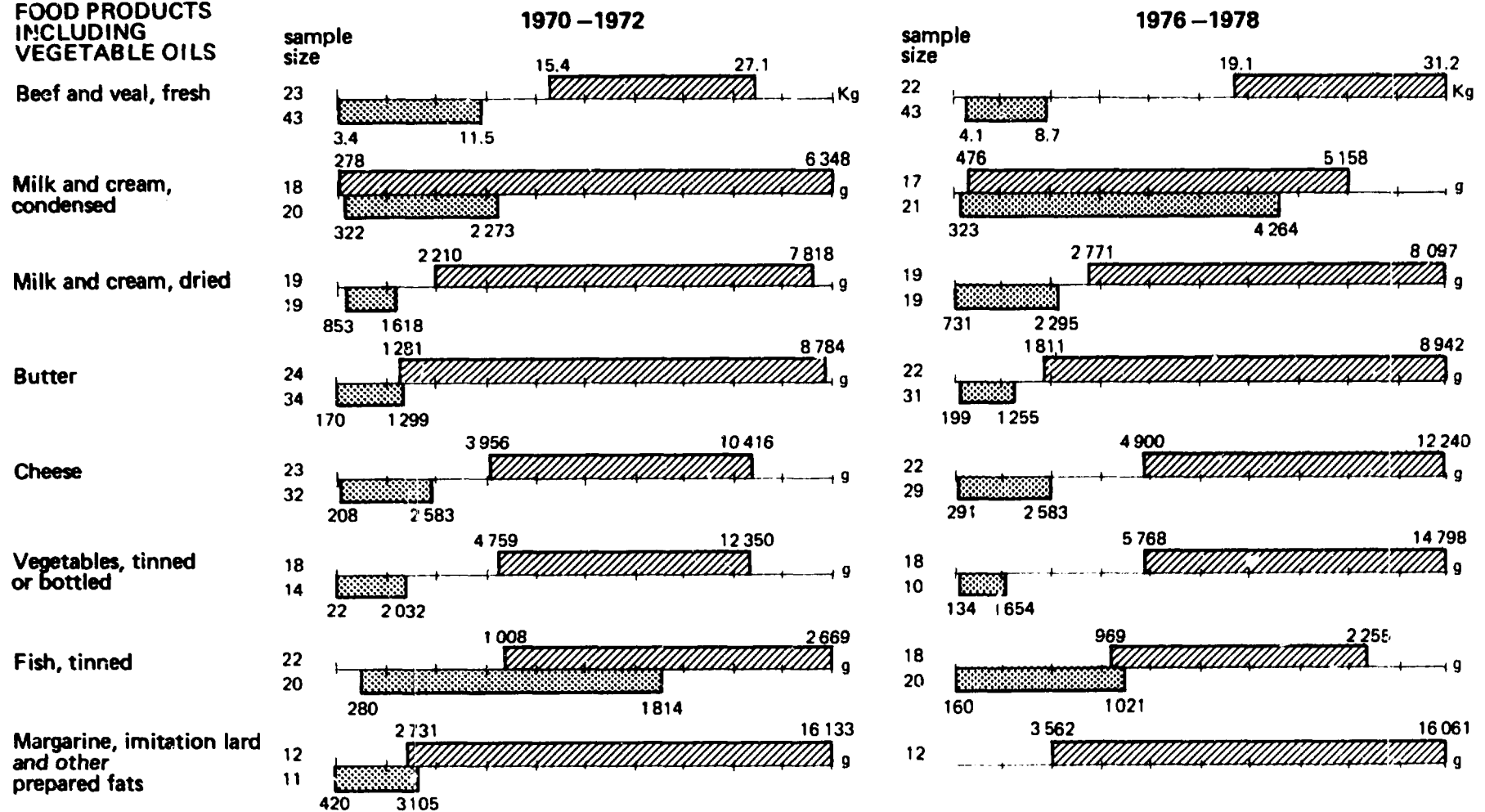
the levels recorded in developed market economies: cereal flour, sugar and selected vegetable oils.

A significant feature of the multi-country comparisons is the wide variation in levels of consumption of a given commodity. Thus, it is important to ascertain how great the difference in consumption levels actually is, and whether it gets smaller over time. The standard deviation for each set of observations provides one statistical measure of the magnitude of country differences. An alternative measure used here is the interquartile range which indicates the dispersion of 50 per cent of the observations around the centre of the distribution.

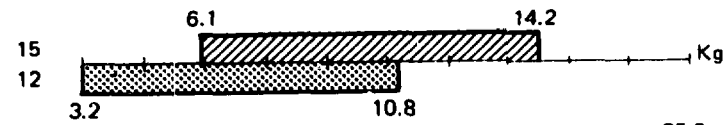
The interquartile ranges, shown in figure III, again reflect the disparity between consumption levels in the two economic groupings. In most cases the

Figure III. Interquartile ranges of per capita apparent consumption of selected commodities for developed market economies and developing countries

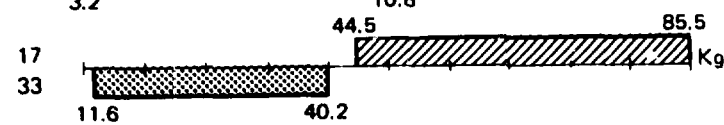
FOOD PRODUCTS
INCLUDING
VEGETABLE OILS



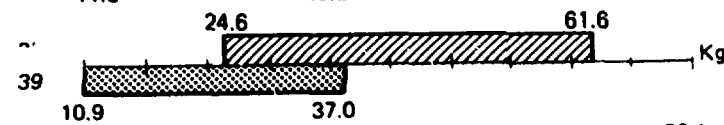
Oils, other, of vegetable origin



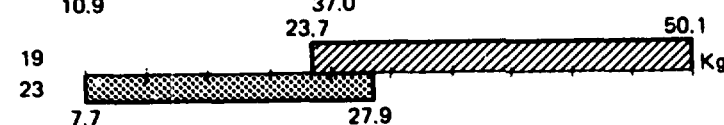
Wheat flour



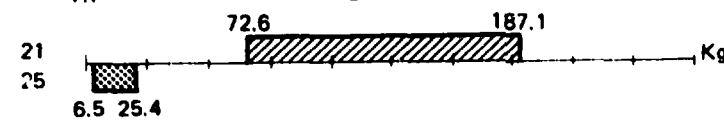
Raw sugar



Refined sugar

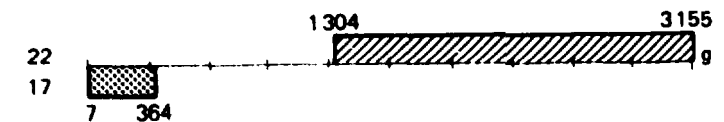


Prepared animal feeds

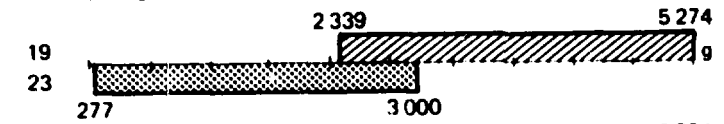


TEXTILES

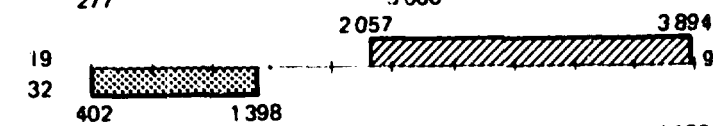
Wool yarn, pure and mixed



Cotton yarn, pure and mixed



Cotton woven fabrics



Woollen woven fabrics

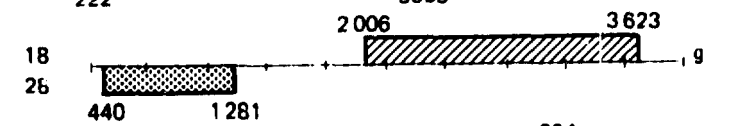
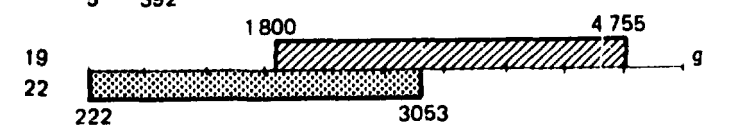
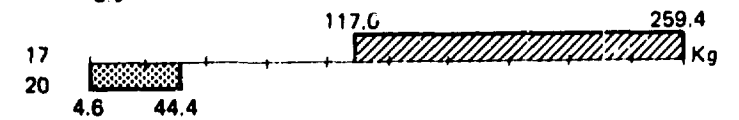
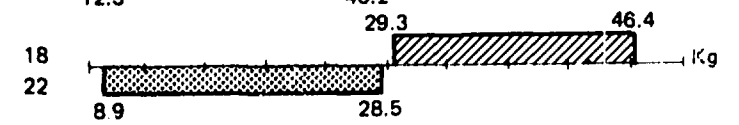
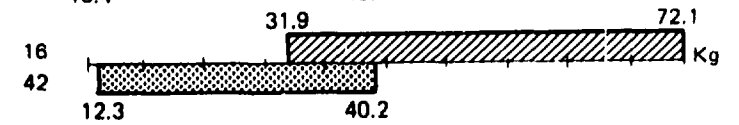
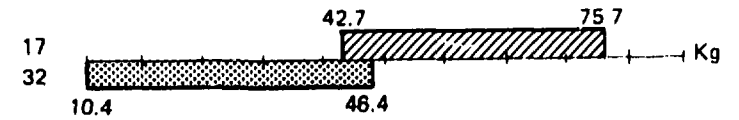
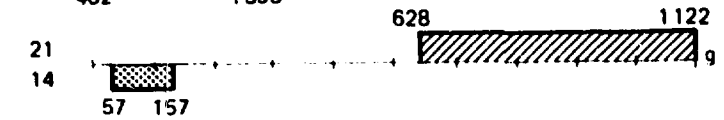
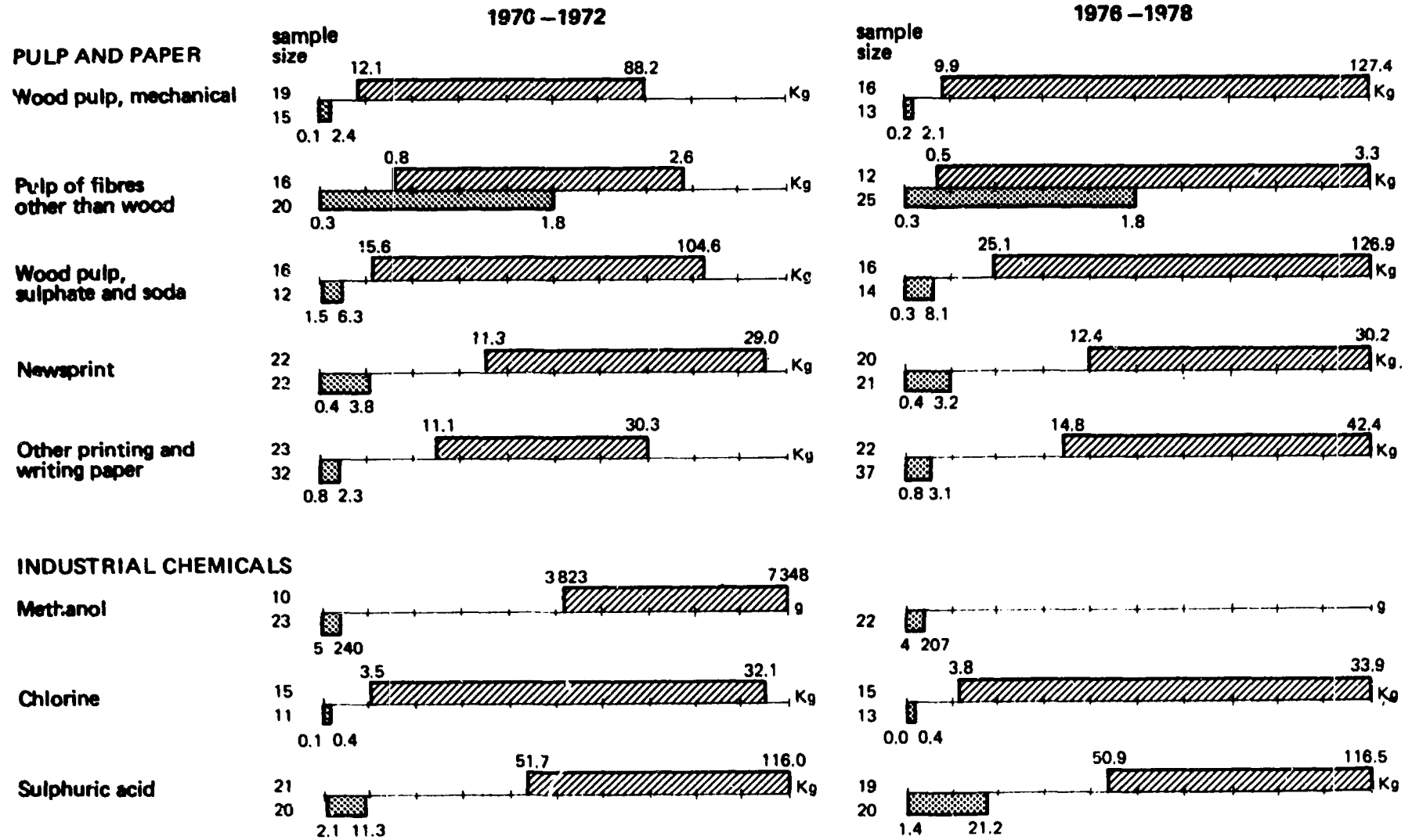


Figure III (continued)



Nitric acid



Ammonia



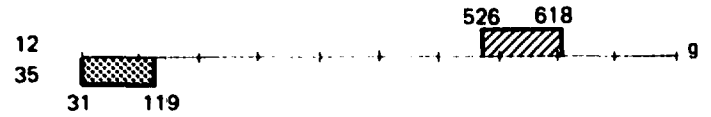
Caustic soda



Calcium carbide



Dyestuffs, synthetic



Nitrogenous fertilizers



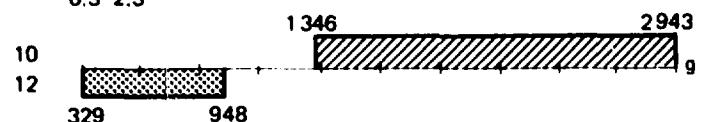
Phosphatic fertilizers



Potassic fertilizers



Insecticides, fungicides etc.



Rubber, synthetic

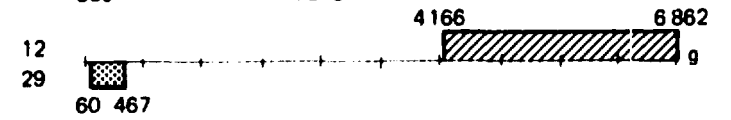
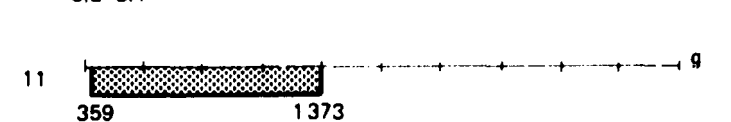
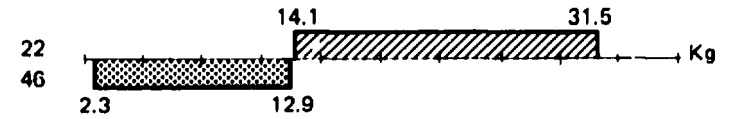
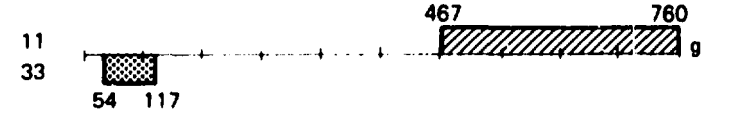
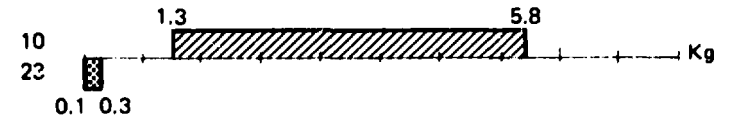
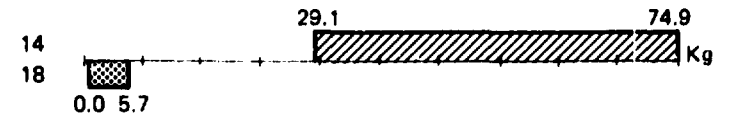
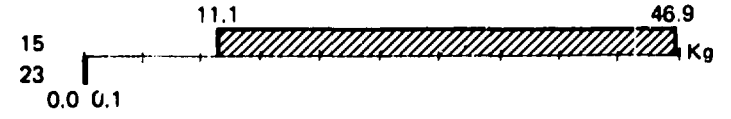
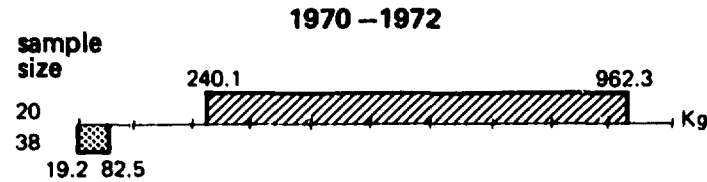


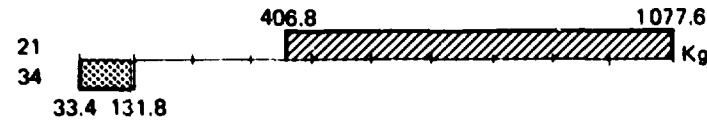
Figure III (continued)

**PETROLEUM
REFINERIES**

Distillate fuel oils

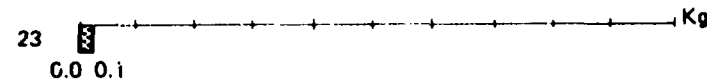


Residual fuel oils

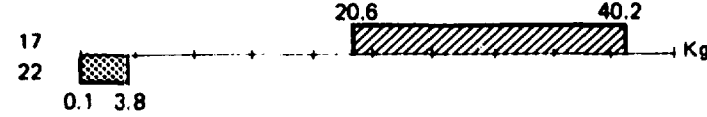


IRON AND STEEL

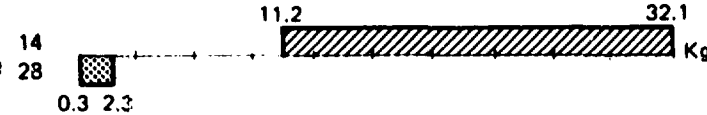
Other ferro-alloys



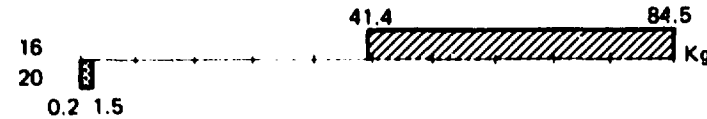
Wire rods



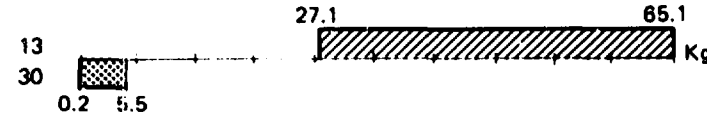
Angles, shapes and sections of 80 mm or more



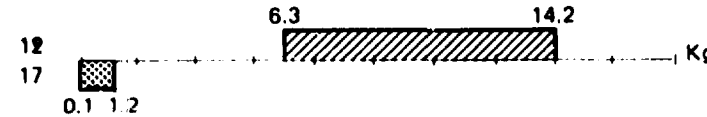
Angles, shapes and sections, less than 80 mm



Plates (heavy), over 4.75 mm

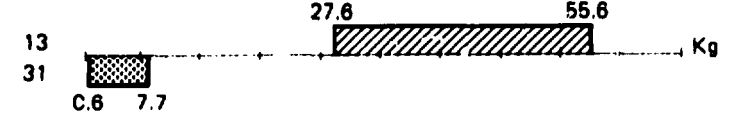
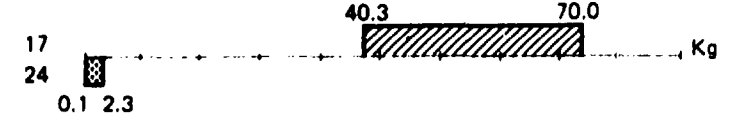
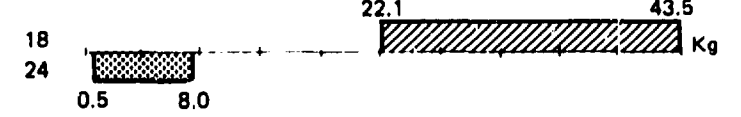
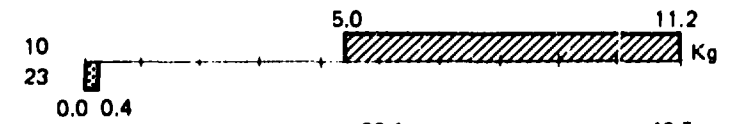
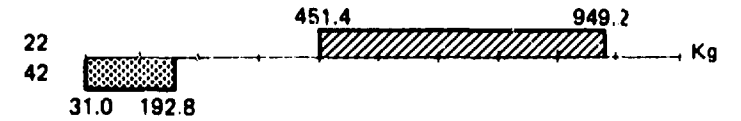


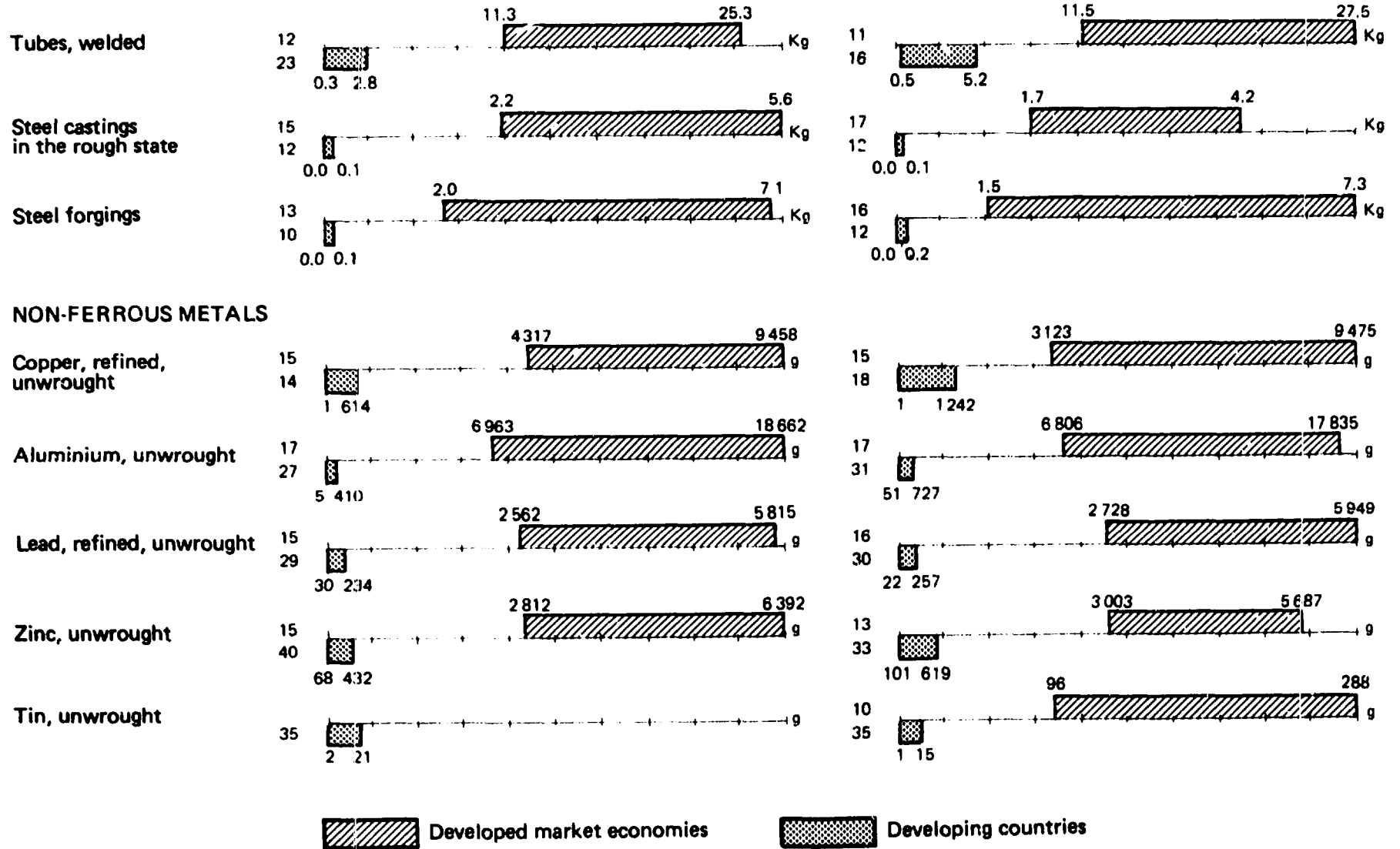
Plates (medium) 3 to 4.75 mm



1976-1978

sample size





range of per capita consumption levels determined for the developing countries are less than the corresponding measures for developed market economies. This feature suggests that the latter countries, by virtue of their higher incomes, are better able to satisfy national differences in tastes, preferences and industrial structure. Patterns of consumption in the developing countries are more severely affected by levels of income. During the 1970s, patterns of per capita consumption became more disparate among the developing countries; while consumption levels rose in some countries, the lower limit for the interquartile ranges remained unchanged in many other countries. Resource-based commodities and food products revealed the widest interquartile ranges, particularly for developing countries. Consumption of industrial chemicals, iron and steel, and non-ferrous metals showed a much smaller range in these countries compared to that noted in developed market economies.³³

Finally, table 10 summarizes the country data in part two in terms of certain trade-related implications. The table shows the ratios of production and imports to apparent consumption for selected commodity groups. Although the

TABLE 10. RATIO OF PRODUCTION AND IMPORTS TO APPARENT CONSUMPTION FOR SELECTED COMMODITY GROUPS, 1970-1972 AND 1976-1978

Commodity group ^a	Ratio of production to apparent consumption		Ratio of imports to apparent consumption	
	1970-1972	1976-1978	1970-1972	1976-1978
<i>Food products</i>				
Developed market economies	1.14	1.26	0.15	0.17
Developing countries	1.00	0.95	0.19	0.22
<i>Textiles</i>				
Developed market economies	0.91	0.90	0.20	0.27
Developing countries	0.84	0.85	0.20	0.23
<i>Pulp and paper</i>				
Developed market economies	1.29	1.37	0.27	0.27
Developing countries	0.65	0.68	0.42	0.43
<i>Industrial chemicals</i>				
Developed market economies	1.02	1.03	0.29	0.33
Developing countries	0.49	0.35	0.69	0.72
<i>Petroleum fuel oils</i>				
Developed market economies	0.91	0.92	0.27	0.29
Developing countries	1.25	2.18	0.16	0.18
<i>Iron and steel</i>				
Developed market economies	1.00	1.05	0.28	0.37
Developing countries	0.19	0.18	0.83	0.84
<i>Non-ferrous metals</i>				
Developed market economies	1.09	1.38	0.44	0.48
Developing countries	2.34	2.75	0.76	0.83

Note: The number of countries included in the sample varies with the commodity group and time.

^aOnly the commodities appearing in table 9 are included in these groups, except that vegetable oils are excluded because of insufficient sample size.

³³The length of the bars in figure III does not provide a means for comparing the dispersion or concentration of various commodities because of the difference in scale. The length of a bar for a period indicates only the degree of dispersion or concentration relative to that for the other economic grouping for the same commodity or to that for the other period for the same economic grouping and the same commodity.

results cannot accurately reflect country peculiarities, they suggest several distinct differences between the country groupings. In the case of food products, the developing countries (on average) are only slightly more dependent on imports than are the developed market economies. However, the latter countries are far more dependent upon exports³⁴ than are the former. Regarding commodity groups, the reliance of developing countries on exports of petroleum fuel oils and non-ferrous metals significantly exceeded that of developed market economies. For the remaining commodity groups, the reverse is true.

With regard to imports, the developing countries depend on foreign suppliers to meet a relatively large share of their requirements of pulp and paper, industrial chemicals, iron and steel, and non-ferrous metals. In the developed market economies import dependence is of relative importance in the case of industrial chemicals, petroleum fuel oils, iron and steel, and non-ferrous metals.

³⁴Export dependency can be derived from the ratio of production and imports to apparent consumption, using the following equation:

$$X/O = 1 + \frac{(M/C - 1)}{O/C}$$

where X is exports, O is production, C is consumption and M is imports.

VI. INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP

The restructuring of world industry is the central theme of much of the research conducted by UNIDO.³⁵ This phenomenon carries important implications for changes in the world-wide patterns of trade in both manufactures and non-manufactures. It is well known that a successful export programme stimulates the restructuring process.

Export performance may be examined in terms of demand characteristics or supply considerations. In the former instance economists may attribute poor export performance mainly to such characteristics of international demand for the products as a low income elasticity of demand, the development of synthetic substitutes, a shift in the composition of industrial output favouring goods with a lower import content, the growing share of services in the natural product, or the restructuring policies applied by the importing countries. When export performance is evaluated in terms of supply considerations, economists stress the inelasticity of supply. They point to supply bottle-necks that are often associated with industrial policies that tend to inhibit exports.

The two interpretations may, of course, be complementary. However, the emphasis given to one interpretation rather than the other is often subject to long-term, and sometimes erratic, fluctuations in export patterns. During a period when trade expands rapidly, bottle-necks are regarded as a major constraint on growth. When trade slumps, export pessimism emphasizes issues of demand deficiency and dependency. A useful means of gauging the extent to which internal and external factors influence export performance is known as constant market share (CMS) analysis.³⁶

The CMS analysis represented by tables in part two provides one method of attributing the actual increase in exports during a given period to different causes. First, a part of export growth is attributed to the general increase in world exports (the world market effect). This component indicates what a country's export earnings would have been, had they increased at a rate equal to the world average (i.e. if the country maintained its share in world exports during the period). Second, a product composition effect represents a country's ability to concentrate on exports for which world demand is buoyant. A country's exports may consist largely of products for which foreign demand is growing very slowly. Here, negative values would show that the country's exports are mainly products for which demand has stagnated or expanded at a

³⁵For a discussion of the meaning of the term "restructuring", see *World Industry in 1980* . . . pp. 1-8 and chapter I. For further analysis see *Structural Changes in Industry* (United Nations publication, Sales No. E.81.II.B.2).

³⁶For other examples of studies employing this approach, see Ranadev Baneji, "The export performance of less developed countries: a constant market share approach", *Weltwirtschaftliches Archiv*, Band 110, 1974, pp. 447-480 and *World Industry Since 1960* . . . pp. 160-165 and annex III.

relatively slow pace. Third, there is a market composition effect—the country's export performance depends on the market conditions of its major trading partners. The income elasticity of the same category may differ between consuming markets. Similarly, demand will not grow at the same rate in each importing region. A negative (positive) value would indicate that exports are largely directed to markets where demand is expanding at a relatively slow (rapid) pace. Finally, the residual after deducting the three estimated effects from the actual increase of exports is known as the competitiveness effect. The term represents the difference between actual growth and that which would have been realized if the country had maintained its share of exports of each product to each region under consideration. The country's willingness and ability to compete effectively with alternative sources of supply are relevant here. A positive (negative) value would indicate that the competitive ability, in terms of both price and non-price factors, improved (deteriorated).

The CMS model can be expressed in algebraic terms as follows:

$$\sum_i (X_i^{(2)} - X_i^{(1)}) \equiv r \sum_i X_i^{(1)} + \sum_i (r_i - r) X_i^{(1)} + \sum_i \sum_j (r_{ij} - r_i) X_{ij}^{(1)} + \sum_i \sum_j (X_{ij}^{(2)} - X_{ij}^{(1)} - r_{ij} X_{ij}^{(1)})$$

The superscripts (1) and (2) refer to the beginning and terminal years and

X_{ij} is the country's earnings from the export of product group i to market j

X_i is the total value of the country's exports of commodity i to the world

r is the percentage increase in total world trade in manufactures between period (1) and period (2)

r_i is the percentage increase in world trade of product group i between period (1) and period (2)

r_{ij} is the percentage increase in world trade of product group i to market j between period (1) and period (2)

Summations over i cover the whole range of manufactured products; summations over j include all regions into which the world market is divided.

The term on the left side of the equation is the actual change in the country's exports during the period. The first term on the right side represents that part of the export growth attributable to the general increase in world exports (the world market effect). The second term measures the product composition effect and is a weighted sum of the value of exports by each of the various industries without differentiating among their destinations. The third term, the market composition effect, is a weighted sum of the value of each industry's exports going to each regional market. The weights here are the differences between the growth rate of a particular market for a particular product and the average growth rate for world exports of that industry. The last term is the residual representing the competitiveness effect.³⁷

The CMS approach is subject to several limitations which should be noted prior to an investigation of results. First, the model does not indicate any causal relationship; the approach is useful in decomposing export growth into its various components but provides no explanation for the behaviour of the various components. Second, the analysis requires the researcher to choose a

³⁷See part two for a generalization of the CMS approach that allows for an analysis of export growth in various subgroups of manufactures.

standard or norm by which to judge export performance. World growth rates typically serve as the standard although there is no *a priori* reason why this measure would necessarily be the most appropriate one. Finally, the interpretation of the residual (the competitiveness effect) may be ambiguous. Competitiveness obviously depends on the country's export prices relative to those of its major competitors. However, the term could also reflect the different abilities of countries to fulfil export orders and differences in marketing systems and in the financial terms for export sales. That should serve as a warning that, like many other economic tools, a CMS approach cannot provide definitive answers. Nevertheless, with careful interpretation it can be a useful means for *ex post* analysis of a country's export performance.³⁸

At the risk of some oversimplification, the world market and the market composition effects may be regarded as representing external factors related to foreign demand. The product composition and competitiveness effects are more closely associated with internal or supply-related circumstances. In general terms, the export performances of developing and developed countries are subject to distinctly different sets of factors. Internal factors related to the supply side make a significant positive contribution to export growth in the developing countries, while external factors pertaining to the demand side are the major determinant for developed countries.

TABLE 11. GROWTH OF WORLD EXPORTS BY PRODUCT CATEGORY, 1970-1972 TO 1976-1978

<i>Export (SITC)^a</i>	<i>Relative increase</i>
<i>Total manufactures (5-8)</i>	1.97
Chemicals (5)	2.24
Manufactured goods classified chiefly by material (6)	1.71
Machinery and transport equipment (7)	2.08
Miscellaneous manufactured articles (8)	2.01
<i>Selected product groups</i>	
Leather, leather manufactures, n.e.s., and dressed fur skins (61)	1.82
Rubber manufactures, n.e.s. (62)	2.16
Wood and cork manufactures (excluding furniture) (63)	1.94
Paper, paperboard and manufactures thereof (64)	1.61
Textile yarn, fabrics, made-up articles and related products (65)	1.35
Non-metallic mineral manufactures, n.e.s. (66)	2.34
Iron and steel (67)	1.77
Non-ferrous metals (68)	1.22
Manufactures of metal, n.e.s. (69)	2.23
Machinery, other than electric (71)	1.90
Electrical machinery, apparatus and appliances (72)	2.37
Transport equipment (73)	2.11
Clothing and footwear (84 and 85)	1.97

Source: UNIDO, based on data supplied by the Statistical Office of the United Nations Secretariat.

^aAs defined in *Standard International Trade Classification, Revised* (United Nations publication, Sales No. 61.XVII.6.). The code number is given in parentheses.

³⁸For further discussion see E. Leamer and R. Stern, *Quantitative International Economics* (Boston, Allyn and Bacon, 1970), pp. 171-183.

TABLE 12. GROWTH OF WORLD EXPORTS TO DIFFERENT REGIONS, 1970-1972 TO 1976-1978

(Relative increase)

<i>Export (SITC)</i>	<i>Europe^a</i>	<i>North America</i>	<i>Japan</i>	<i>Other developed market economies</i>	<i>Africa</i>	<i>Latin America</i>	<i>West Asia</i>	<i>East Asia</i>	<i>Centrally planned economies</i>	<i>World</i>
Organic chemicals (512)	2.70	2.84	2.73	2.03	2.45	1.97	3.35	3.27	2.75	2.66
Medicinal and pharmaceutical products (541)	1.89	1.95	2.26	1.19	1.84	1.04	3.02	1.08	1.99	1.77
Fertilizers, manufactured (561)	2.32	1.93	1.44	1.90	2.16	2.11	1.95	2.17	2.92	2.17
Leather (611)	1.57	1.00	1.36	0.65	1.33	2.36	2.43	5.28	1.76	1.64
Manufactures of leather etc., n.e.s. (612)	1.84	0.87	5.50	1.70	8.07	2.39	2.85	2.60	17.75	2.17
Paper and paperboard (641)	1.65	1.18	3.91	1.16	1.99	1.21	2.87	1.59	1.70	1.52
Lime, cement etc. (661)	1.35	1.20	5.97	1.05	6.33	3.54	20.40	2.46	0.34	2.84
Pig iron etc. (671)	1.67	3.37	1.77	0.97	1.92	1.37	1.42	2.64	5.10	1.96
Primary forms of iron and steel (672)	1.61	1.68	7.78	1.90	6.54	1.10	6.65	4.38	11.31	2.02
Iron and steel bars etc. (673)	1.20	0.76	1.41	0.37	3.16	2.00	10.41	2.25	4.98	1.67
Universals etc. of iron and steel (674)	1.15	0.96	3.54	0.82	1.90	1.27	5.30	1.61	2.73	1.39
Agricultural machinery (712)	2.31	2.48	1.34	1.79	2.79	1.60	8.68	1.58	3.84	2.34
Office machines (714)	1.63	1.39	0.73	1.70	2.06	1.33	5.98	1.74	1.29	1.53
Road motor vehicles (732)	2.35	1.52	3.29	1.24	3.83	2.00	9.19	2.01	3.09	2.12
Clothing (except fur clothing) (841)	2.15	1.54	4.85	2.01	2.02	2.03	6.37	0.79	1.05	2.02
Footwear (851)	2.22	1.10	9.60	1.50	2.29	1.12	5.13	1.38	1.18	1.73

Source: UNIDO data base and information supplied by the Statistical Office of the United Nations Secretariat.

^aExcluding centrally planned economies.

Because the results given in part two are unique to each country, it is not easy to summarize them in an overview such as this. Instead, the "norms" or "standards" for the growth of world exports that were used as a basis for evaluating the export performance of each country are given in table 11. These are the relative increase of exports in each product category, calculated on the basis of the three-year averages for 1970-1972 and 1976-1978, and show that world trade grew most rapidly in categories like specialized machinery for particular industries, non-metallic mineral manufactures and manufactures of metal. Relatively slow growth was experienced for trade in non-ferrous metals, textile yarn and fabrics, and paper products. Several trade categories of particular importance to the developing countries—leather and leather manufactures; textile yarn and fabrics; and clothing and footwear—recorded rates of growth below the average for total trade in manufactures.

Finally, table 12 shows the norms used in the CMS analysis for world exports of various products to different regions. The increasing importance of East Asia, West Asia and Japan is apparent. World trade in developing country specialities—leather, leather manufactures, clothing and footwear—expanded slowly, particularly for exports to developed countries other than Japan. In the case of certain product groups (e.g. primary forms of iron and steel; iron and steel bars; and universals), the slow growth of exports to certain regions was probably due to the imposition of various non-tariff restrictions.

In general, the CMS analysis in part two identifies those countries that successfully redirected their exports towards the faster-growing markets noted in table 12.

ANNEX

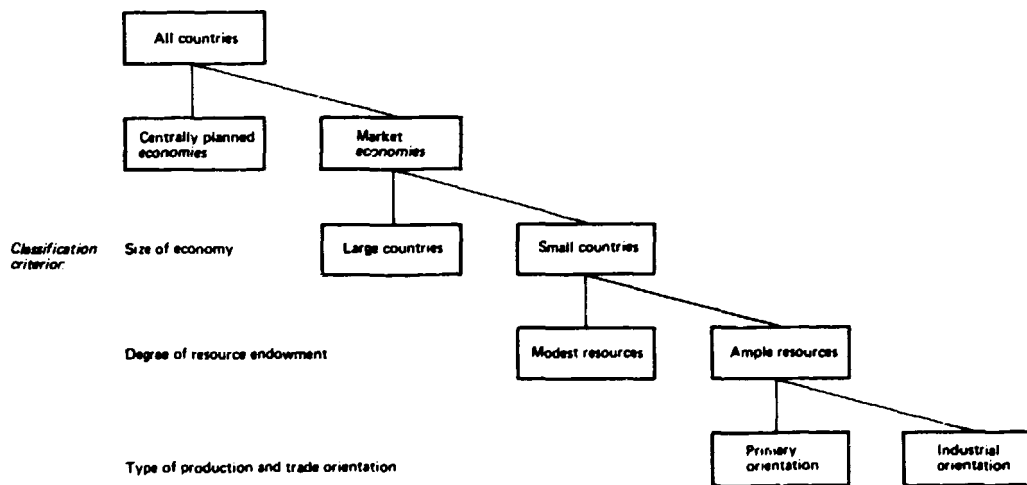
STRATIFICATION OF THE COUNTRY SAMPLE

Country classifications like the one shown in figure IV are a typical feature of analyses of structural change when testing hypotheses about alternative patterns of industrial growth.^a Accordingly, the country typology outlined in the following paragraphs is taken as the framework for an analysis of industrial structure. The three criteria applied in the country classification are:

- Size of the economy (domestic market)
- Degree of endowment with natural resources
- Type of production and trade orientation

Prior to the formal classification procedure, the group of centrally planned economies was separated from the rest of the country sample because of the lack of data for them.

Figure IV. Scheme of country classification



The division of market economies into large and small countries was based on the dividing list of a 1970 mid-year population of 20 million. Small countries were further partitioned into those with a modest endowment of natural resources and those having an ample resource endowment by hierarchical clustering of countries using data on per capita value added in the primary sector (averaged over the years 1970, 1973 and 1976).^b

^aThe present classification is an updated version of the one described in *World Industry Since 1960: Progress and Prospects* (United Nations publication, Sales No. E.79.II.B.3), pp. 331-339.

^bValue added in the primary sector was defined as the sum of value added (in 1970 dollars) in agriculture, mining and quarrying and utilities.

Finally, small countries with ample resources were subdivided into a primary-oriented group and an industry-oriented group. Again, the technique of hierarchical clustering was used, using the share of manufacturing in GDP and the share of manufactures in total commodity exports^c (both averaged over the years 1970, 1973 and 1976) as the third criterion.

The application of clustering techniques initially led to an arrangement of the total country sample into 18 groups, several of them having only one member. Sample-size considerations, however, dictated an aggregation into country groups along the lines suggested in figure IV. At that stage, a number of countries remained unclassified owing to incomplete data. Seventeen of them were assigned to the established groups "by hand" at a later stage using available (possibly incomplete) information. The countries in each of the five country groups resulting from the application of these criteria are listed in table 13.

^cWhereas the share of MVA in GDP was derived from 1970 dollar figures, the share of manufactures in total exports was calculated on the basis of current prices.

TABLE 13. COUNTRY CLASSIFICATION

Large countries	Small countries and areas			
	With modest resources	With ample resources and		Centrally planned economies
		Primary orientation	Industrial orientation	
Argentina	Afghanistan	Algeria	Australia	Albania
Bangladesh	Benin	Angola	Austria	Bulgaria
Brazil	Bolivia	Bahrain	Belgium	Czechoslovakia
Burma	Botswana	Barbados	Chile	German Democratic Republic
Canada	Burundi	Cyprus	Costa Rica	
Colombia	Cape Verde	Gabon	Denmark	Hungary
Egypt	Central African Republic	Ghana	Finland	Poland
Ethiopia	Chad	Guyana	Greece	Romania
France	Chad	Iceland	Ireland	Union of Soviet Socialist Republics
Germany, Federal Republic of	Comoros	Iraq	Israel	
India	Congo	Kuwait	Jamaica	
Indonesia	Democratic Yemen	Liberia	Luxembourg	
Iran	Dominican Republic	Libyan Arab Jamahiriya	Malaysia	
Italy	Ecuador	Netherlands Antilles	Malta	
Japan	El Salvador	Netherlands	Netherlands	
Mexico	Equatorial Guinea	Antilles	New Zealand	
Nigeria	Fiji	Panama	Norway	
Pakistan	Gambia	Saudi Arabia	Portugal	
Philippines	Guatemala	Trinidad and Tobago	Sweden	
Republic of Korea	Guinea	Venezuela	Switzerland	
South Africa	Guinea-Bissau		Uruguay	
Spain	Haiti		Zambia	
Thailand	Honduras			
Turkey	Hong Kong			
United Kingdom of Great Britain and Northern Ireland	Ivory Coast			
United States of America	Jordan			
Yugoslavia	Kenya			
Zaire	Lebanon			
	Lesotho			
	Madagascar			
	Malawi			
	Mali			
	Mauritania			
	Mauritius			
	Morocco			
	Mozambique			
	Nicaragua			
	Niger			

<i>Large countries</i>	<i>Small countries and areas</i>			
	<i>With modest resources</i>	<i>With ample resources and</i>		<i>Centrally planned economies</i>
		<i>Primary orientation</i>	<i>Industrial orientation</i>	
	Papua New Guinea			
	Paraguay			
	Peru			
	Reunion			
	Rwanda			
	Senegal			
	Sierra Leone			
	Singapore			
	Somalia			
	Sri Lanka			
	Sudan			
	Swaziland			
	Syrian Arab Republic			
	Togo			
	Tunisia			
	Uganda			
	United Republic of Cameroon			
	United Republic of Tanzania			
	Yemen			
	Zimbabwe			

Part two

STATISTICAL DATA

DESCRIPTION OF DATA SOURCES AND PROCEDURES USED

The basic data used to derive indicators of net manufacturing output were compiled from information contained in the UNIDO data base. In turn, this data base was created from statistics supplied by the Statistical Office of the United Nations Secretariat and a variety of supplementary sources. The latter sources included national industrial censuses, statistics supplied by national and regional research and statistical institutes, data provided by the United Nations regional commissions and other international organizations, unpublished data supplied by UNIDO senior industrial development field advisers and estimates by the UNIDO secretariat. With regard to concepts and data-handling procedures, several aspects are noted below.

Indicators of Net Manufacturing Output

Composition of manufacturing value added: Estimates of value added, in constant prices, were derived using base weights for 1975 and index numbers of industrial production for 1970 and 1978 (for some countries 1977). Appropriately defined indexes were not always available for a particular industrial branch in a given country although other statistical sources showed evidence of production. Additional estimates were made by the UNIDO secretariat in those instances where sufficient information was available. For example, when index numbers were not available for all 28 industrial branches in a country for an entire year, the structure of value added was estimated using data in national currency at current prices. However, countries were excluded from the *Handbook* if these supplementary estimates were found to exceed 20 per cent of total MVA for ISIC 3 (i.e. the whole manufacturing sector).

Relative specialization in manufacturing output: Countries were classified according to resource endowment and production orientation into five groups (see the annex to part one for the composition of country groups). For each group the structure of MVA was derived using a relative-weights measure.¹ For each country the structure was then compared to that of the group of which the country was a member. Centrally planned economies were treated as a distinct group and were not classified according to resource endowment and production orientation because of the lack of data.

Ratio of value added to gross output: Ratios were derived from data on value added and gross output in the national currency at current prices in two

¹This is a weighted average. For a description, see *World Industry Since 1960: Progress and Prospects* (United Nations publication, Sales No. E.79.II.B.3), pp. 69-71.

years, 1970 and 1978 (or alternatively the latest year available). Initially, a total of 82 countries were selected for inclusion. If data were not available for the other two fields described above, the entire table was excluded.

Several problems of a statistical nature were encountered. First, data were not always available for the two variables in each of the years of interest. Thus, where possible, ratios were estimated using data for an adjacent year (e.g. 1969 or 1977). Second, some countries did not always report according to the ISIC definitions, meaning that information on value added or gross output referred to activities included in more than one industrial branch. In some instances it was possible to rectify these discrepancies by adjusting the data to conform to ISIC definitions. When this adjustment could not be carried out, the original data was used and the discrepancy was described by a footnote to the table. Third, it was difficult to distinguish between cases where manufacturing activity in a given branch existed but was not reported by the country and those where in fact there was no such activity. In the latter case, of course, the appropriate value would be "zero" or "negligible". Supplementary national and international statistical sources were consulted in order to confirm negligible levels of production in an industrial branch. In addition, a cross-check was made of all other data reported by the Statistical Office (e.g. number of firms, employees, wages and salaries, production indices by branch etc.) to ensure that the existing information provided for a consistent treatment of "not available" or "zero" values. Fourth, there were a few instances where the ratio of value added to gross output exceeded 100 per cent. These results were omitted from the *Handbook* even though such occurrences are theoretically possible when data are expressed in current prices.

Ratios exceeding unity are, most likely, the consequence of a large difference in census coverage for the two variables, mutually independent definitions of value added and gross output at the census level, or differences in measurements for the two variables such as measurements in terms of factor costs and producers' values.² Finally, deviations from the ISIC presented a special problem; occasionally reporting by some countries not only failed to match the ISIC but there was also no consistency between the two fields (value added and gross output). Again, the secretariat attempted to disaggregate the combined totals to match the ISIC. When compatible observations for both fields could not be obtained, these branches were excluded from the *Handbook*.

Relative degree of industrialization

The data used in the estimation of growth paths of industrial branches were taken from the UNIDO data base as described above. All the supplementary sources mentioned above were incorporated into the data base, and therefore were used in the analysis. National accounts data were used for the regression analysis of the manufacturing sector and the estimation of the sector's relative degree of industrialization. This information and the population data used were supplied by the Office for Development Research and Policy Analysis of the United Nations Secretariat.

The econometric procedure followed in making estimates of the income and size elasticities associated with each industrial branch in a given country

²For detailed definitions of value added and gross output for each country, see the United Nations, *Yearbook of Industrial Statistics*, vol. 1, recent issues.

was essentially a two-step process. The first step was to estimate the relative degree of industrialization D prevailing in the country during the 1970s.³ This term was defined as the average value of the ratio between observed and the expected level of total manufacturing value added. The expected level of value added was derived from the regression:

$$\ln V_m = a + b \ln(Y/N) + c \ln N$$

where

- V_m is manufacturing value added (in 1975 dollars)
- Y is gross domestic product (in 1975 dollars)
- N is population

In the second step the relative degree of industrialization at the branch level d was estimated in analogous fashion using the following regression:

$$\ln V_i = \alpha + \beta \ln(Y/N) + \gamma \ln N + \delta \ln D$$

where

- V_i is value added in branch i (in 1975 dollars)
- D is the relative degree of industrialization for total manufacturing as defined above

The samples used for parameter estimations were pooled annual cross-sections of the respective country groups carried out for the years 1970 to 1978. Owing to restrictions in data availability the sample size varied widely among the regressions. Similarly, the quality of fit of the regression ranged from unacceptable to very good. Because of the variable performance of the model, the following steps were taken:

(a) Among industrial branches, only those regression results with an R^2 greater than 0.3 were used;

(b) Every derived value of the relative degree of industrialization at the branch level d was compared with the standard error of estimate (SEE) for the corresponding underlying regression.

The values of d are given in the tables "Relative degree of industrialization in the 1970s by industrial branch", where they carry asterisks or not according to the following scheme:⁴

Statistical result	Notation
$|\ln d| \leq \sigma$.
$\sigma < |\ln d| \leq 2\sigma$	•
$2\sigma < |\ln d| \leq 3\sigma$	••
$|\ln d| > 3\sigma$	•••

They are related to three categories of growth as follows:

- Average: $d \approx 1$, no asterisk
- Lagging: $d < 1$, at least one asterisk
- Leading: $d > 1$, at least one asterisk

³This procedure was first introduced in *A Study of Industrial Growth* (United Nations publication, Sales No. 63.II.B.2), which provides detailed descriptions of the statistical and econometric considerations.

⁴For a detailed discussion of the concept of relative degree of industrialization see, *A Study of Industrial Growth*... and Stephen E. Guisinger, "Patterns of industrial growth in Pakistan", *Pakistan Development Review*, vol. XV, No. 1 (1977), pp. 8-27.

In the tables, the relative position of a country is determined with respect to three different reference patterns, namely the average patterns of:

- (a) All countries;
- (b) All countries in the economic grouping appropriate for comparison (developing or developed);
- (c) All countries of the size-resource-production group to which the country was assigned (see annex to part one).

Indicators of apparent consumption

The country tables headed "Indicators of apparent consumption in selected manufactures" show average annual per capita apparent consumption, both in absolute terms and relative to the OECD average, and domestic production and imports as percentages of apparent consumption. The data were originally stated in physical units and refer to 1970-1972 and 1976-1978. Initially, 189 commodities in 10 different commodity groups were selected for possible inclusion in the *Handbook*. The list was drawn up on the basis of a concordance between ISIC and SITC developed by the UNIDO secretariat. The concordance matched available production data (ISIC six-digit)⁵ with the corresponding trade data (SITC, Revised, five-digit). Eventually, 129 commodities had to be dropped from the study because the units of measurement used for the production statistics were different from those used for the trade statistics, the coverage of countries for either production or trade data was insufficient, or commodity coverage was insufficient for the formation of a commodity group.

Thus, a total of 60 commodities in 8 groups were retained in the study. With this list it was possible to include the table in the *Handbook* for 70 countries (23 developed market economies and 47 developing countries).⁶

Most of the commodity production data used in the calculations were provided by the Statistical Office. In cases where the data for a country did not appear in the Statistical Office statistics, several additional data sources (national and international) were used. The corresponding trade data employed in the calculation of apparent consumption refer to special trade and were also supplied by the Statistical Office. When the original source did not provide both export and import data, the partner-country data for trade with OECD countries were used to estimate the imports and exports of the developing country. In these cases the estimates referred to general trade, that is, exports including re-exports and imports including those for re-exports. Once the above steps were completed, the problem of missing observations was addressed using data from other relevant sources.⁷

⁵In the tables, the six digits are split in two groups of three, the first three appearing in parentheses after the name of the branch and the second three after the name of the product within the branch.

⁶The table was excluded for the centrally planned economies because of the lack of detailed (SITC five-digit) trade data.

⁷The following were the primary data sources: data supplied on magnetic tapes by the Statistical Office; *Supplement to the World Trade Annual* (United Nations publication), various issues; and Food and Agriculture Organization of the United Nations, *Annual Fertilizer Review*, various issues. Supplemental use was made of data provided by the following sources: *Pulp and Paper International, Annual Review*, various issues; *Commodity Trade Statistics*, series D (United Nations publication), various issues.

The average annual per capita apparent consumption c for the period T was calculated as follows:

$$c = \frac{\sum^T C_i}{\sum^T N_i} = \frac{\sum^T (O_i - X_i + M_i)}{\sum^T N_i},$$

where

$i = 1970, 1971, 1972$ for $T = 1970-1972$; $i = 1976, 1977, 1978$ for $T = 1976-1978$

C is the absolute estimate for apparent consumption

N is population

O is domestic production

X is exports

M is imports (all expressed in physical units)

Those years in which both imports and exports were nil or in which both import and export data were not available were excluded from the table. The commodities of which the consumption was nil (i.e. no domestic supply and no imports) were also excluded. To reduce the effects of large year-to-year changes in stocks, which are often erratic owing to speculation or export market conditions, three-year averages were calculated whenever possible.

When calculating the production/consumption and imports/consumption ratios, estimates of total domestic production, total imports and total apparent consumption over the three-year periods were used. In symbols these ratios are

$$\frac{\sum^T O_i}{\sum^T C_i} \text{ and } \frac{\sum^T M_i}{\sum^T C_i}.$$

In calculating the last column of the table, per capita consumption relative to OECD average, the weighted average for OECD countries (except Turkey) was used as the basis. This average was calculated as the aggregated apparent consumption in the period of three years divided by the aggregated population for the corresponding period:

$$\text{OECD average} = \frac{\sum_j \sum_i^T C_i^j}{\sum_j \sum_i^T N_i^j},$$

where j ran over the OECD countries for which consumption data were available. In some instances, data were not available for all three years of a period for all OECD countries. In order to maintain a consistent weighting procedure, consumption was estimated for the missing years by calculating the annual average and multiplying it by 3. In cases where national data for two or more commodity groups were not reported separately but combined, the OECD basis for comparison was revised to match the national reporting practice.

Analysis of export performance

The source of data for the CMS analysis was a set of commodity trade statistics supplied by the Statistical Office. Export values f.o.b. in thousands of current dollars were reported according to the SITC, Revised. The decompo-

⁸The exports/consumption ratio may be derived as the sum of the production/consumption ratio and the imports/consumption ratio minus 1 (see part one, footnote 34).

sition of export growth was based on the definition of product groups according to three-digit SITC categories and on a breakdown of the world market into nine importing regions.⁹ The algebraic formula discussed in chapter VI was modified as shown below in order to enable an extension of the CMS approach to subgroups of manufactures:

$$\Delta_S = \sum_{i \in S} (X_i^{(t_1)} - X_i^{(t_0)}) = \underbrace{r \sum_{i \in S} X_i^{(t_0)}}_{\text{world market effect}} + \underbrace{\sum_{i \in S} (r_i - r) X_i^{(t_0)}}_{\text{product composition effect}} + \underbrace{\sum_{i \in S} \sum_{j=1}^n (r_{ij} - r_i) X_{ij}^{(t_0)}}_{\text{market composition effect}} + \underbrace{\sum_{i \in S} \sum_{j=1}^n (X_{ij}^{(t_1)} - X_{ij}^{(t_0)} + r_{ij} X_{ij}^{(t_0)})}_{\text{competitiveness effect}}$$

$X_{ij}^{(t_k)}$ is the value of the country's exports of product group i (three-digit SITC) to region j in period t_k ($k = 0, 1$)

$X_i = \sum_{j=1}^n X_{ij}$ is the total value of the country's exports of product group i to the world

Δ_S is the actual increase of exports in the given set of three-digit SITC groups between periods t_0 and t_1

n is the number of regions (markets)

S is the set of SITC (three-digit) groups within SITC 5 through 8, a specified SITC (one-digit) section or a specified SITC (two-digit) division

r_{ij} , r_i , r are the percentage increases between periods t_0 and t_1 of world exports of, respectively, product group i to region j , of product group i to the world, and of the aggregate over S groups to the world

For the (t_0, t_1) pairs (1970, 1976), (1971, 1977) and (1972-1978), the effects were expressed as percentages of the actual increase Δ_S . The figures shown in the country tables represent averages over the indicated periods.

⁹Europe (excluding centrally planned economies), North America, Japan, other developed market economies, Africa, Latin America, West Asia, East Asia, centrally planned economies.

ALGERIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{g/}	
	1970	1977	1970	1977
Food products (311/2)	16.9	18.7	1.50	1.42
Beverages (313)	7.4	5.0	1.55	1.03
Tobacco (314)	5.3	5.1	1.93	1.64
Textiles (321)	9.7	8.3	1.62	1.39
Wearing apparel (322)	9.9	7.4	2.67	2.00
Leather and fur products (323)	2.2	2.1	3.38	2.69
Footwear (324)	3.0	2.3	2.76	1.61
Wood and cork products (331)	4.6	6.5	2.87	3.71
Furniture and fixtures excluding metal (332)	2.7	2.4	1.70	1.58
Paper (341)	3.4	3.8	1.28	1.40
Printing and publishing (342)	0.5	0.3	0.24	0.13
Industrial chemicals (351)	0.5	0.6	0.26	0.37
Other chemicals (352)	3.0	3.1	0.58	0.57
Petroleum refineries (353)	8.8	11.4	0.28	0.43
Miscellaneous products of petroleum and coal (354)	0.4	0.5	1.58	1.34
Rubber products (355)	0.6	0.4	0.45	0.38
Plastic products (356)	0.7	1.1	0.69	0.55
Pottery, china and earthenware (361)	0.2	0.2	0.88	1.08
Glass (362)	0.3	0.4	0.58	0.70
Other non-metallic mineral products (369)	4.2	4.5	1.26	1.14
Iron and steel (371)	3.1	2.7	0.63	0.71
Non-ferrous metals (372)	0.0	0.2	0.06	0.28
Metal products, excluding machinery (381)	4.5	4.5	1.32	1.27
Non-electrical machinery (382)	0.9	2.1	0.72	1.22
Electrical machinery (383)	2.1	2.3	1.22	1.10
Transport equipment (384)	4.3	3.3	1.38	0.85
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.2	2.87	0.89

^{g/} Relative to all small countries with ample resources and primary orientation.

ALGERIA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.06	1.14	1.05
Beverages (313)	1.40	1.45	1.13
Tobacco (314)	1.19	1.00	1.09
Textiles (321)	1.08	0.98	0.61
Wearing apparel (322)	2.82*	2.65	2.11*
Leather and fur products (323)	3.26*	3.01*	1.79
Footwear (324)	2.10	1.77	2.10
Wood and cork products (331)	1.55	1.80	3.02
Furniture and fixtures excluding metal (332)	1.75	1.96	1.56
Paper (341)	1.54	1.72	1.10
Printing and publishing (342)	0.14**	0.18**	0.33*
Industrial chemicals (351)	0.27*	0.24*	0.65
Other chemicals (352)	0.63	0.52	0.81
Petroleum refineries (353)	1.72	1.22	1.20
Miscellaneous products of petroleum and coal (354)	0.72	0.67	0.86
Rubber products (355)	0.62	0.47	0.58
Plastic products (356)	1.11	1.09	0.84
Pottery, china and earthenware (361)	0.45	0.39	0.90
Glass (362)	0.49	0.38	0.75
Other non-metallic mineral products (369)	0.91	0.92	0.87
Iron and steel (371)	1.32	1.09	0.65
Non-ferrous metals (372)	0.07**	0.05*	0.18
Metal products, excluding machinery (381)	0.93	0.95	1.39
Non-electrical machinery (382)	1.02	1.01	2.12
Electrical machinery (383)	1.32	1.10	1.63
Transport equipment (384)	1.70	1.37	1.28
Professional and scientific equipment, photographic and optical goods (385)	1.40	1.33	1.62
Other manufactures (390)	0.57	0.62	1.10
Total manufacturing (300)	0.46*	0.58	0.98

a/ Small countries with ample resources and primary orientation.

ALGERIA

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g) a/
- | Fish, tinned(407;g)
- | Flour, wheat(601;kg) b/
- | Meal and groats of all cereals(604;kg) a/
- | Refined sugar(804;kg) a/

Vegetable oils(311)

- | Oil, olive(528 and 531;kg) c/

Textiles(321)

- | Wool yarn, pure and mixed(103;g) d/
- | Cotton woven fabrics(128;g) c/ a/
- | Woollen woven fabrics(134;g) c/ a/
- | Knitted fabrics(301;g) a/

Pulp and paper(341)

- | Pulp of fibres other than wood(104;kg)

Industrial chemicals(351)

- | Nitric acid(145;kg) a/
- | Ammonia(158;kg) a/
- | Caustic soda(159;kg) a/
- | Calcium carbide(173;kg)
- | Nitrogenous fertilizers(201;kg)
- | Phosphatic fertilizers(204 and 207;kg) c/
- | Potassic fertilizers(210;kg) d/
- | Rubber, synthetic(301;g)

Petroleum refineries(353)

- | Distillate fuel oils(019;kg)
- | Residual fuel oils(022;kg)

Iron & steel(371)

- | Other ferro-alloys(013;kg)
- | Wire rods(028;kg)
- | Angles, shapes, sections, 80 mm or more(036;kg)
- | Angles, shapes, sections, under 80 mm(037;kg)
- | Plates (medium), 3 to 4.75 mm(043;kg) a/
- | Tubes, seamless(076;kg)
- | Tubes, welded(079;kg) a/
- | Steel forgings(088;kg)

IMPORTATION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
...	2.3	...	76.5	...	23.5	...	0.088
...	1386.0	...	1.7	...	98.3	...	0.360
...	526.0	...	7.2	...	92.8	...	0.067
...	700.0	...	39.5	...	111.9	...	0.026
...	158.0	...	85.0	...	15.0	...	0.091
...	83.5	...	88.5	...	11.5	...	1.319
...	60.5	...	78.9	...	21.6	...	10.431
...	21.4	...	0.9	...	99.4	...	0.523
...	9.6	...	100.3	...	0.0	...	0.691
...	35.0	...	37.1	...	62.9	...	0.018
...	438.0	...	99.9	...	0.1	...	0.143
...	12.0	...	32.1	...	67.9	...	0.010
...	616.0	...	99.3	...	0.7	...	0.262
...	0.7	...	97.6	...	2.4	...	0.389
...	2.6	...	97.8	...	2.2	...	0.085
...	2.7	...	57.8	...	60.8	...	0.048
...	1.0	...	12.2	...	87.8	...	0.033
...	0.2	...	0.0	...	100.0	...	0.065
...	7.7	...	27.4	...	72.6	...	0.282
...	9.9	...	75.0	...	25.0	...	0.728
...	1.8	...	0.0	...	100.0	...	0.088
...	219.0	...	0.0	...	100.0	...	0.029
...	87.5	...	93.0	...	15.7	...	0.14
...	26.6	...	276.1	...	0.1	...	0.050
...	0.1	...	0.0	...	100.0	...	0.010
...	4.0	...	0.0	...	100.0	...	0.140
...	0.2	...	0.0	...	100.0	...	0.008
...	7.3	...	0.0	...	100.0	...	0.112
...	12.4	...	99.5	...	0.5	...	1.042
...	4.5	...	0.0	...	100.0	...	0.402
...	18.0	...	40.5	...	59.7	...	0.732
...	0.6	...	0.0	...	100.0	...	0.109

8 ALGERIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals(372)								
Copper, refined, unwrought (004;g)	...	200.0	...	0.0	...	100.0	...	0.024
Aluminium, unwrought(022;g)	...	137.0	...	0.0	...	100.0	...	0.007
Lead, refined, unwrought(037;g)	...	375.0	...	0.0	...	100.0	...	0.077
Tin, unwrought(049;g)	...	-	...	0.0	...	100.0	...	0.000

a/ For second period: 1976 only.

b/ All data include cereal flour other than wheat (ISIC 311607).

c/ Estimates.

d/ Fc= second period: 1976 and 1977.

e/ Fcr second period: 1976 and 1978.

ARGENTINA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	20.4	19.1	2.23	2.13
Beverages (313)	2.2	2.1	1.10	0.98
Tobacco (314)	0.6	0.6	0.61	0.59
Textiles (321)	9.1	8.4	1.70	1.81
Wearing apparel (322)	2.4	2.2	0.85	0.83
Leather and fur products (323)	0.6	0.6	1.34	1.40
Footwear (324)	0.7	0.7	0.97	1.11
Wood and cork products (331)	1.2	0.6	0.55	0.30
Furniture and fixtures excluding metal (332)	0.7	0.4	0.43	0.21
Paper (341)	2.7	2.8	0.75	0.63
Printing and publishing (342)	2.5	2.6	0.55	0.66
Industrial chemicals (351)	4.4	5.1	0.95	0.91
Other chemicals (352)	7.1	8.1	1.77	1.74
Petroleum refineries (353)	2.5	2.8	1.09	1.24
Miscellaneous products of petroleum and coal (354)	0.9	1.1	2.90	3.44
Rubber products (355)	2.3	2.6	1.52	1.73
Plastic products (356)	1.2	1.4	0.75	0.64
Pottery, china and earthenware (361)	0.4	0.4	0.82	0.75
Glass (362)	0.9	0.8	1.01	0.80
Other non-metallic mineral products (369)	3.4	2.9	1.12	0.98
Iron and steel (371)	4.4	4.9	0.66	0.85
Non-ferrous metals (372)	1.1	1.3	0.65	0.75
Metal products, excluding machinery (381)	6.4	6.6	0.91	0.98
Non-electrical machinery (382)	5.6	5.7	0.50	0.53
Electrical machinery (383)	3.9	4.0	0.50	0.45
Transport equipment (384)	10.7	11.0	1.09	1.06
Professional and scientific equipment, photographic and optical goods (385)	0.6	0.6	0.33	0.31

^{a/} Relative to all large countries.

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ARGENTINA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

a/ Large countries.

1970s BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group $\frac{a}{b}$
1.71	1.54	1.62*
0.90	0.93	0.58
0.62	0.39*	0.49
1.33	1.33	1.37
0.90	0.95	0.60
1.12	1.40	0.93
0.93	1.32	1.07
0.47	0.73	0.46
0.44*	0.79	0.44*
1.03	0.91	0.91
0.89	0.87	0.76
1.18	1.03	1.15
2.21*	0.89	1.85*
1.66	0.48	1.09
3.51	2.04	3.63*
1.54	0.78	1.38
0.86	0.54	0.81
0.91	1.50	0.87
1.03	0.89	0.73
0.94	1.06	0.77
1.01	0.95	0.60
0.94	1.54	0.96
1.14	1.21	1.14
0.99	1.36	0.94
0.59	0.44	0.73
1.53	0.98	1.21
0.72	1.23	0.78
0.60	1.13	0.75
1.53	2.14*	1.43

ARGENTINA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products (311)								
Beef and veal, fresh (101:kg) g/	81.0	104.2	116.5	109.5	0.0	0.0	2.638	3.065
Milk and cream, condensed (201:g) g/	376.0	299.0	104.4	127.8	0.0	0.0	0.098	0.094
Milk and cream, dried (204:g) g/	1436.0	2427.0	106.5	113.5	6.1	12.2	0.357	0.525
Butter (207:g) g/	1330.0	1114.0	117.5	115.7	6.6	3.0	0.331	0.280
Cheese (210:g) g/	7485.0	8577.0	102.3	108.4	0.2	0.0	1.172	1.068
Fish, tinned (407:g) g/	656.0	851.0	99.6	104.3	0.8	0.4	0.393	0.492
Figur, wheat (501:kg) g/	94.9	91.5	104.6	106.1	0.0	0.0	1.606	1.589
Meal and groats of all cereals (504:kg) g/	2.4	3.1	100.0	104.2	0.0	0.0	0.126	0.534
Raw sugar (801:kg) g/	40.2	44.2	113.0	133.7	0.0	0.0	1.010	1.026
Refined sugar (804:kg) g/	37.4	49.3	100.0	110.0	0.0	0.0	0.928	1.205
Vegetable oils (311)								
Chicpea bean (510 a, j 513:kg) b/ g/	0.7	3.1	100.0	170.1	0.0	0.0	0.052	0.157
Oil, cotton seed (516 and 519:kg) b/	1.9	2.7	101.0	113.0	0.0	0.0	0.704	1.600
Oil, groundnut (522 and 525:kg) b/	3.4	1.8	149.5	289.6	0.0	0.0	2.000	1.500
Oil, olive (528 and 531:kg) g/	0.5	0.2	154.4	289.8	0.0	0.3	0.036	0.014
Oil, other of vegetable origin (534 & 537:kg) b/ g/	20.4	...	121.3	...	0.9	...	2.020	...
Textiles (321)								
Cotton yarn, pure and mixed (109:g) b/	4035.0	3363.0	100.0	107.8	0.0	0.2	0.917	0.779
Cotton woven fabrics (126:g) g/ g/	3214.0	2632.0	100.0	100.3	0.0	0.0	0.993	0.923
Pulp and paper (341)								
Wood pulp, mechanical (101:kg) g/	1.7	1.4	63.2	96.1	16.8	3.9	0.079	0.047
Pulp of fibres other than wood (104:kg) g/ g/	1.6	1.9	99.0	100.0	1.2	0.3	0.857	1.056
Wood pulp, sulphate and soda (110:kg) g/	9.8	9.9	50.1	68.6	49.9	31.4	0.124	0.111
Newsprint (119:kg) g/	9.5	6.2	1.3	11.2	98.8	89.0	0.367	0.258
Other printing and writing paper (122:kg) g/	5.9	5.1	66.8	104.6	14.7	7.6	0.185	0.125
Inorganic chemicals (351)								
Sulphuric acid (147:kg) g/	8.4	9.3	100.1	99.8	0.0	0.2	0.090	0.094
Sulphuric acid (147:kg) g/	5.7	6.3	60.0	67.7	20.0	32.3	0.199	0.261
Caustic soda (159:kg) g/	1.6	1.1	76.5	79.8	27.2	20.6	0.073	0.040
Nitrogenous fertilizers (201:kg) g/	1.2	0.8	16.3	49.3	85.1	50.7	0.088	0.059
Phosphatic fertilizers (204 and 207:kg) g/	0.3	0.2	0.0	0.0	100.0	100.0	0.016	0.010
Potassic fertilizers (210:kg) g/	1853.0	2327.0	96.5	74.5	37.0	30.1	0.270	0.304
Petroleum refining (352)								
Rubber, synthetic (301:kg) g/	242.7	256.2	98.0	94.1	2.1	5.9	0.436	0.412
Distillate fuel oils (019:kg) g/	369.4	314.7	99.2	101.8	1.0	0.6	0.644	0.694
Residual fuel oils (022:kg) g/	16.3	6.5	60.8	65.9	39.5	35.4	0.372	0.157
Iron & steel (321)	6.4	5.7	97.7	141.9	46.5	7.5	0.552	0.509
Plates (heavy), over 4.75 mm (040:kg) g/	11.5	8.0	102.4	95.0	2.9	6.0	0.475	0.325
Tubes, seamless (076:kg) g/								
Tubes, welded (079:kg) g/								

2 ARGENTINA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals(372)								
Copper, refined, unwrought(004;g)	...	1233.0	...	0.0	...	100.0	...	0.146
Aluminium, unwrought(022;g)	2626.0	...	0.0	...	100.0	...	0.175	...
Lead, refined, unwrought(037;g)	740.0	1415.0	96.7	105.2	3.3	0.4	0.380	0.290
Zinc, unwrought(043;g)	1443.0	1054.0	94.6	102.3	8.6	7.4	0.261	0.208
Tin, unwrought(049;g)	61.0	34.0	9.1	13.7	91.9	65.3	0.258	0.141

a/ Production statistics do not provide for complete coverage.

b/ Estimates.

c/ For first period: 1972 only.

d/ For first period: 1970 and 1971.

e/ For second period: 1976 only.

f/ For first period: 1971 and 1972.

g/ For second period: 1976 and 1977.

ARGENTINA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1975-1978
(PERCENTAGE)

EXPORT (SITC)	-----External effects-----		-----Internal effects-----		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	58.5	-6.0	-3.7	51.2	27.1
Chemicals (5)	123.8	-10.8	-19.6	6.9	19.2
Manufactured goods classified chiefly by material (6)	53.3	-7.1	0.1	53.7	29.7
Machinery and transport equipment (7)	48.7	-2.5	-2.3	56.0	29.0
Miscellaneous manufactured articles (8)	60.3	-10.6	0.2	50.1	26.5
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	61.2	-4.5	-6.3	49.6	29.2
Rubber manufactures, n.e.s. (62) g/	39.0	0.6	-1.9	62.3	35.7
Wood and cork manufactures, excluding furniture (63)	71.9	-27.0	11.8	43.3	37.8
Paper, paperboard and manufactures thereof (64)	42.0	-8.9	2.3	61.6	36.1
Textile yarn, fabrics, made-up articles and related products (65)	13.7	-2.1	1.2	87.2	35.5
Non-metallic mineral manufactures, n.e.s. (66)	39.1	-2.5	-5.9	69.3	39.7
Iron and steel (67)	81.7	-12.7	-3.6	34.8	29.3
Non-ferrous metals (68)	57.2	-11.8	58.4	-3.7	31.5
Manufactures of metal, n.e.s. (69)	77.4	-18.8	-11.9	53.3	27.8
Machinery, other than electric (71)	70.4	-4.2	-1.5	35.3	23.2
Electrical machinery, apparatus and appliances (72)	61.3	-6.8	-1.6	46.8	30.2
Transport equipment (73)	23.6	0.2	0.8	75.4	43.9
Clothing and footwear (84, 85)	48.8	-4.7	9.8	46.3	32.0

g/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
Food products (311/2)	13.8	13.7	1.08	1.04	0.276	0.303
Beverages (313)	2.5	3.1	1.05	1.19	0.412	0.391
Tobacco (314)	0.9	0.8	0.79	0.80	0.397	0.481
Textiles (321)	4.3	3.7	0.87	0.83	0.399	0.404
Wearing apparel (322)	3.1	2.8	1.11	1.18	0.470	0.479
Leather and fur products (323)	0.4	0.6	0.81	1.40	0.404	0.335
Footwear (324)	0.8	0.6	0.98	1.12	0.453	0.496
Wood and cork products (331)	4.1	3.9	1.05	1.01	0.446	0.441
Furniture and fixtures excluding metal (332)	1.5	1.5	0.63	0.64	0.444	0.444
Paper (341)	2.8	3.1	0.64	0.74	0.412	0.402
Printing and publishing (342)	5.2	6.0	0.94	1.18	0.564	0.561
Industrial chemicals (351)	2.6	3.8	0.57	0.69	0.373	0.341
Other chemicals (352)	3.4	4.1	0.94	0.98	0.473	0.453
Petroleum refineries (353)	0.7	0.9	0.52	0.62	0.462	0.354
Miscellaneous products of petroleum and coal (354)	0.1	0.1 ^{b/}	0.16	0.19 ^{b/}	0.314	0.366
Rubber products (355)	1.5	1.4	1.20	1.20	0.415	0.433
Plastic products (356)	2.0	3.0 ^{b/}	1.41	1.65 ^{b/}	0.411	0.419
Pottery, china and earthenware (361)	0.2	0.2	0.35	0.43	0.650	0.635
Glass (362)	0.8	0.9	0.92	0.98	0.501	0.599
Other non-metallic mineral products (369)	3.8	4.2	1.06	1.23	0.464	0.424
Iron and steel (371)	6.4	6.5	1.41	1.55	0.365	0.377
Non-ferrous metals (372)	3.5	3.6	1.94	1.81	0.277	0.304
Metal products, excluding machinery (381)	9.7	8.8	1.28	1.18	0.443	0.440
Non-electrical machinery (382)	8.2	7.3	0.99	0.91	0.458	0.483
Electrical machinery (383)	5.8	4.5	0.84	0.60	0.427	0.442
Transport equipment (384)	10.3	9.3	1.42	1.20	0.410	0.408
Professional and scientific equipment, photographic and optical goods (385)	0.8	0.9	0.66	0.70	0.500	0.504

^{a/} Relative to all small countries with ample resources and industrial orientation.
^{b/} Estimated.

AUSTRALIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

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g/ Small countries with ample resources and industrial orientation.

BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group <u>a/</u>
1.31	1.17	0.81
1.07	1.07	1.12
0.86	0.93	0.92
0.86	0.95	0.85
0.88	1.05	1.19
0.77	1.04	1.08
0.78	1.11	0.99
1.46	1.40	0.90
0.64	0.69	0.64
0.78	0.55*	0.56
1.29	0.72	0.86
0.52	0.70	0.41*
0.81	0.77	0.87
0.27	0.72	0.69
0.28	0.30	0.13*
1.07	1.11	2.11*
1.31	1.16	1.41
0.41	0.45*	0.42*
0.82	0.94	1.15
0.99	1.06	0.87
1.23	1.46	2.08
1.80	1.95*	1.37
1.14	1.03	1.06
0.87	0.89	0.71
0.72	0.74	0.76
1.01	1.11	1.08
0.96	1.08	1.59
0.67	0.62	0.96
0.84	0.81	0.83

AUSTRALIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products(31)								
Beef and veal, fresh(101:kg)	53.0	92.7	158.9	153.3	0.0	0.0	1.720	2.726
Butter(207:g)	9766.0	6334.0	162.6	139.8	0.0	0.0	2.431	1.847
Cheese(210:g)	3886.0	5298.0	184.8	145.1	12.8	15.0	0.619	0.671
Vegetables, tinned or bottled(322:g)	7998.0	8779.0	101.8	101.2	0.0	0.0	0.762	0.386
Fish, tinned(407:g)	1426.0	2642.0	30.2	25.8	64.2	75.0	0.854	1.180
Flour, wheat(601:kg)	84.2	83.7	117.6	100.0	0.0	0.0	1.428	1.483
Meal and groats of all cereals(604:kg) s/	...	...	100.2	...	0.0	...	5.939	...
Raw sugar(801:kg) b/ s/	176.4	214.8	100.0	100.0	0.0	0.0	4.432	4.968
Refined sugar(204:kg) s/	53.5	52.3	100.0	100.0	0.0	0.0	1.328	1.279
Prepared animal feeds(312201:kg) b/ s/	107.6	148.8	102.2	99.8	0.3	0.4	0.766	0.726
Textiles(32)								
Wool yarn, pure and mixed(103:kg)	2198.0	1657.0	97.7	88.9	2.3	11.8	0.632	0.666
Cotton yarn, pure and mixed(109:kg) s/	2339.0	1784.0	98.7	94.0	4.3	6.3	0.622	0.406
Cotton woven fabrics(128:kg) s/	787.0	412.0	84.8	100.0	18.3	0.0	0.237	0.134
Woolen woven fabrics(134:kg) s/	782.0	388.0	92.6	86.2	0.9	4.8	0.607	0.360
Knitted fabrics(301:kg)	...	1065.0	...	100.7	...	0.0	...	0.468
Pulp and paper(33)								
Wood pulp, mechanical(101:kg) f/	41.2	30.3	97.0	98.0	3.0	2.0	1.763	0.959
Wood pulp, sulphate and soda(110:kg)	38.3	27.0	84.7	38.0	88.3	62.0	0.368	0.302
Newspaper(119:kg)	34.2	36.1	46.3	42.1	89.7	88.1	1.320	1.348
Other printing and writing paper(122:kg)	21.0	17.9	81.3	84.7	80.9	49.2	0.886	0.439
Industrial chemicals(35)								
Sulphuric acid(147:kg)	135.6	114.0	100.0	100.0	0.0	0.0	1.437	1.166
Nitric acid(149:kg)	10.1	11.1	90.0	100.0	0.2	0.0	0.373	0.363
Caustic soda(159:kg) s/ s/	9.6	9.2	100.2	104.0	0.0	0.0	0.336	0.300
Dyestuffs, synthetic(174:kg) s/	900.0	...	68.8	...	33.6	...	1.896	...
Nitrogenous fertilizers(201:kg) h/	13.4	21.3	93.6	96.2	0.4	6.9	0.609	0.700
Phosphatic fertilizers(204 and 207:kg) s/	126.9	119.1	100.2	98.7	0.2	1.3	0.331	0.787
Potassic fertilizers(210:kg) s/	6.7	6.6	0.0	3.2	100.0	96.0	0.368	0.322
Rubber, synthetic(301:kg)	4194.6	3880.0	73.4	79.4	31.4	26.0	0.311	0.607
Petroleum, coal and gas(36)								
Distillate fuel oils(019:kg)	485.7	474.7	66.1	97.6	21.6	10.0	0.819	0.764
Residual fuel oils(022:kg)	553.7	467.4	90.2	67.3	13.6	40.3	0.964	0.803
Iron & steel(37)								
Wire rods(028:kg) s/	...	29.7	...	142.8	...	3.2	...	0.964
Plates (heavy), over 4.75 mm(040:kg) b/	72.3	...	97.3	...	7.4	...	1.651	...
Tubes, seamless(076:kg) l/ s/ d/	39.7	36.1	91.9	84.0	20.1	16.0	1.109	0.960
Steel forgings(088:kg) s/	...	1.7	...	105.8	...	0.0	...	0.369

AUSTRALIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption		1970-	1976-	1970-	1976-
	1970-1972	1976-1978	1970-1972	1976-1978	1972	1978	1972	1978
Non-ferrous metals(372)								
Copper, refined, unwrought(004:g)	8394.0	12362.0	126.6	99.9	0.0	0.1	0.989	1.462
Aluminium, unwrought(022:g)	17607.0	13620.0	113.8	138.7	0.2	0.1	1.175	0.726
Lead, refined, unwrought(037:g)	...	15360.0	...	100.0	...	0.0	...	3.153
Zinc, unwrought(043:g)	7894.0	5157.0	266.8	343.2	0.0	0.0	1.426	1.018
Tin, unwrought(049:g)	373.0	260.0	141.1	158.1	2.3	4.3	1.581	1.079

- a/ For first period: 1970 and 1972.
- b/ For first period: 1970 only.
- c/ For second period: 1976 and 1977.
- d/ For second period: 1976 only.
- e/ Estimates.
- f/ All data include the pulp of fibres other than wood (ISIC 341104).
- g/ For first period: 1971 and 1972.
- h/ Production data include additional related products.
- i/ All data include welded pipes (ISIC 371079).

AUSTRALIA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	-----External effects-----		-----Internal effects-----		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitive- ness	
Total manufactures (5 to 8)	120.4	-5.2	-1.2	-13.9	16.0
Chemicals (5)	75.5	-1.1	5.3	20.3	23.2
Manufactured goods classified chiefly by material (6)	111.4	1.1	-3.7	-8.9	14.0
Machinery and transport equipment (7)	...	...	...	...	...
Miscellaneous manufactured articles (8)	153.5	-35.6	10.6	-28.5	19.0
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	73.6	46.7	-0.9	-21.4	27.0
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	20.8	6.2	-2.3	75.3	57.3
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	167.0	-56.4	3.2	-13.8	15.2
Non-metallic mineral manufactures, n.e.s. (66)	161.6	-18.6	15.7	-88.6	17.3
Iron and steel (67)	64.8	8.4	1.4	25.5	21.5
Non-ferrous metals (68)	118.6	5.4	14.6	-38.6	8.5
Manufactures of metal, n.s.s. (69)	...	...	...	...	...
Machinery, other than electric (71)	117.1	-10.8	10.8	-17.1	19.0
Electrical machinery, apparatus and appliances (72)	187.0	8.8	-3.2	-92.7	13.1
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	...	...	...	...	...

AUSTRIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	11.1	10.5	0.87	0.79	0.258	0.229
Beverages (313)	3.2	3.0	1.31	1.16	0.481	0.425
Tobacco (314)	0.3	0.3	0.29	0.28	0.834	0.880
Textiles (321)	5.4	4.2	1.08	0.93	0.375	0.354
Wearing apparel (322)	3.2	2.7	1.17	1.10	0.415	0.415
Leather and fur products (323)	0.6	0.4	1.25	1.09	0.355	0.361
Footwear (324)	1.0	0.7	1.20	1.29	0.401	0.334
Wood and cork products (331)	1.3	1.6	0.33	0.42	0.406	0.334
Furniture and fixtures excluding metal (332)	5.1	6.2	2.16	2.67	0.433	0.431
Paper (341)	3.4	3.5	0.78	0.83	0.334	0.325
Printing and publishing (342)	3.6	3.6	0.64	0.69	0.533	0.494
Industrial chemicals (351)	3.9	5.0	0.86	0.91	0.300	0.278
Other chemicals (352)	3.4	4.3	0.94	1.03	0.361	0.317
Petroleum refineries (353)	2.4	2.1	1.78	1.48	0.176	0.106
Miscellaneous products of petroleum and coal (354)	0.2	0.2	0.36	0.38	0.321	0.291
Rubber products (355)	1.6	1.3	1.34	1.11	0.522	0.365
Plastic products (356)	2.2	1.8	1.55	1.02	0.389	0.361
Pottery, china and earthenware (361)	0.2	0.2	0.51	0.54	0.634	0.592
Glass (362)	1.1	1.1	1.25	1.18	0.553	0.464
Other non-metallic mineral products (369)	5.0	4.2	1.37	1.22	0.451	0.398
Iron and steel (371)	8.4	6.7	1.83	1.62	0.383	0.301
Non-ferrous metals (372)	1.3	1.4	0.74	0.71	0.272	0.255
Metal products, excluding machinery (381)	9.7	10.7	1.29	1.44	0.442	0.405
Non-electrical machinery (382)	7.9	8.0	0.95	1.00	0.394	0.389
Electrical machinery (383)	8.1	10.0	1.19	1.32	0.368	0.375
Transport equipment (384)	4.8	4.2	0.66	0.59	0.429	0.389
Professional and scientific equipment, photographic and optical goods (385)	0.8	1.3 b/	0.68	1.04 b/	0.478	0.454

a/ Relative to all small countries with ample resources and industrial orientation.

b/ Estimated.

AUSTRIA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group a/
Food products (311/2)	1.02	1.16	1.08
Beverages (313)	1.17	1.27	1.72*
Tobacco (314)	0.40*	0.40*	0.53
Textiles (321)	1.30	1.30	0.81
Wearing apparel (322)	0.93	1.29	1.37
Leather and fur products (323)	0.99	1.12	1.05
Footwear (324)	1.11	1.34	1.38
Wood and cork products (331)	0.70	0.68	0.48*
Furniture and fixtures excluding metal (332)	2.82*	3.02**	3.05*
Paper (341)	1.19	1.23	1.04
Printing and publishing (342)	1.05	1.20	0.90
Industrial chemicals (351)	0.99	1.09	1.15
Other chemicals (352)	1.27	1.46	0.93
Petroleum refineries (353)	1.24	1.90	2.02
Miscellaneous products of petroleum and coal (354)	0.83	0.82	1.48
Rubber products (355)	1.11	1.10	1.49
Plastic products (356)	1.15	1.43	1.33
Pottery, china and earthenware (361)	0.70	0.63	0.48*
Glass (362)	1.53	1.39	1.18
Other non-metallic mineral products (369)	1.52	1.66*	1.52*
Iron and steel (371)	1.76	1.41	2.10
Non-ferrous metals (372)	1.20	0.92	1.04
Metal products, excluding machinery (381)	1.65	1.80*	1.46*
Non-electrical machinery (382)	1.12	0.89	1.26
Electrical machinery (383)	1.32	1.50*	1.10
Transport equipment (384)	0.62	0.76	0.74
Professional and scientific equipment, photographic and optical goods (385)	1.00	0.95	1.53
Other manufactures (390)	0.52	0.42*	0.45
Total manufacturing (300)	1.46	1.17	1.26*

a/ Small countries with ample resources and industrial orientation.

AUSTRIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	As a percentage of apparent consumption		1970-1972	1976-1978	1970-1972	1976-1978
			1970-1972	1976-1978				
Food products (311)								
Lamb and veal, fresh (101;kg) a/	21.9	26.4	94.4	95.1	8.7	9.1	0.713	0.776
Milk and cream, condensed (201;g) b/	1638.0	1630.0	102.2	177.1	1.0	5.9	0.425	0.343
Milk and cream, dried (204;g)	5575	5520.0	121.3	169.7	14.5	17.9	1.386	1.036
Butter (207;g)	5113.0	6005.0	108.0	100.9	4.8	4.8	1.273	1.361
Cheese (210;g)	5327.0	5167.0	146.0	170.4	9.6	20.7	0.834	0.556
Vegetables, tinned or bottled (322;g)	4981.0	5403.0	90.1	73.1	10.9	32.9	0.487	0.200
Margarine, imitation lard, etc. (501;g)	7467.0	8294.0	100.4	96.9	0.8	3.1	1.287	1.315
Raw sugar (801;kg) c/	44.4	...	100.0	...	0.0	...	1.116	...
Refined sugar (804;kg) b/	40.8	46.0	100.0	118.6	0.0	0.0	1.012	1.125
Prepared animal feeds (312201;kg)	53.0	69.1	100.4	102.5	0.8	1.5	0.384	0.337
Textiles (321)								
Wool yarn, pure and mixed (103;g) b/	1134.0	792.0	92.0	91.3	9.0	11.5	0.429	0.414
Cotton yarn, pure and mixed (109;g)	3736.0	3782.0	75.8	68.7	27.8	43.2	0.849	0.876
Cotton woven fabrics (128;g) b/	2984.0	2621.0	81.6	84.8	20.7	19.3	0.922	0.854
Woolen woven fabrics (134;g)	1066.0	978.0	77.5	70.2	34.7	45.4	0.860	0.819
Knitted fabrics (301;g)	1296.0	1570.0	113.5	85.3	35.7	50.9	0.836	0.867
Pulp and paper (341)								
Wood pulp, mechanical (101;kg)	29.0	26.8	99.8	99.1	0.8	1.0	1.355	0.899
Wood pulp, sulphate and soda (110;kg) d/	...	49.0	...	83.8	...	28.0	...	0.549
Newsprint (119;kg)	14.8	18.7	150.5	115.5	0.4	3.5	0.571	0.716
Other printing and writing paper (122;kg)	17.3	12.9	341.6	614.8	7.2	20.1	0.542	0.316
Industrial chemicals (351)								
Sulphuric acid (147;kg)	44.6	...	87.5	...	12.5	...	0.480	...
Nitrogenous fertilizers (201;kg) b/	17.5	17.0	178.5	194.1	0.7	1.2	0.795	0.523
Phosphatic fertilizers (204 and 207;kg) b/	17.5	9.6	80.8	133.0	30.8	17.8	1.287	0.706
Potassic fertilizers (210;kg) b/	23.6	18.3	0.0	0.0	100.0	100.0	1.262	0.893
Insecticides, fungic., disinfect., etc. (216;g) b/	1301.0	2518.0	102.9	67.0	28.9	33.0	0.615	1.266
Petroleum refineries (353)								
Distillate fuel oils (019;kg)	240.5	352.2	97.0	94.2	3.1	5.6	0.432	0.567
Residual fuel oils (022;kg)	656.4	661.4	64.3	77.5	35.7	23.1	1.145	1.249

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (371)								
Other ferro-alloys (013;kg) a/ f/	6.3	6.3	13.2	12.8	98.7	106.7	0.652	0.630
Wire rods (028;kg)	40.8	43.4	114.0	125.1	6.0	3.3	1.240	1.409
Angles, shapes, sections, 80 mm or more (036;kg)	8.8	9.0	112.0	93.1	96.1	133.3	0.312	0.359
Angle, shapes, sections, under 80 mm (037;kg) b/	68.2	68.2	102.2	102.1	0.5	0.6	1.016	1.048
Plates (heavy), over 4.75 mm (040;kg)	34.0	30.9	158.5	138.0	6.1	20.5	0.776	0.745
Plates (medium), 3 to 4.75 mm (043;kg)	9.8	8.7	141.7	167.7	6.5	18.0	0.766	0.731
Tubes, seamless (076;kg) g/	13.7	12.0	80.1	104.3	106.1	147.2	0.383	0.335
Steel castings in the rough state (085;kg)	3.7	3.1	94.8	101.2	6.2	11.6	0.638	0.608
Steel forgings (088;kg)	13.4	11.5	99.4	100.3	2.5	2.4	2.197	2.091
Non-ferrous metals (322)								
Copper, refined, unwrought (004;g)	5978.0	3123.0	49.3	127.0	65.1	38.3	0.704	0.369
Aluminium, unwrought (022;g)	20373.0	45031.0	108.7	97.4	7.3	5.4	1.359	2.398
Lead, refined, unwrought (037;g)	3990.0	5344.0	50.6	42.6	55.4	58.7	0.872	1.096
Zinc, unwrought (043;g)	2812.0	3151.0	77.5	78.4	25.1	24.2	0.508	0.622

- a/ Production data include additional related products.
b/ For second period: 1976 and 1977.
c/ For first period: 1970 only.
d/ For second period: 1978 only.
e/ Production statistics do not provide for complete coverage.
f/ For second period: 1976 only.
g/ All data include welded pipes (ISIC 371079).

AUSTRIA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	91.7	5.7	-2.4	5.0	20.6
Chemicals (5)	65.2	4.8	-0.1	30.1	27.5
Manufactured goods classified chiefly by material (6)	92.7	8.2	2.9	-3.8	19.3
Machinery and transport equipment (7)	86.5	1.6	2.7	9.2	22.0
Miscellaneous manufactured articles (8)	95.7	8.6	-6.3	2.1	21.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	83.1	5.7	3.9	7.3	18.8
Rubber manufactures, n.e.s. (62)	116.3	5.0	0.1	-21.4	17.9
Wood and cork manufactures, excluding furniture (63)	73.4	5.5	3.1	18.0	25.8
Paper, paperboard and manufactures thereof (64)	85.0	10.4	2.2	2.5	17.5
Textile yarn, fabrics, made-up articles and related products (65)	92.9	13.1	0.9	-6.9	17.1
Non-metallic mineral manufactures, n.e.s. (66)	175.5	-5.3	-12.6	-57.7	16.2
Iron and steel (67)	92.3	13.5	-0.7	-5.1	17.6
Non-ferrous metals (68)	74.2	5.7	13.1	5.9	18.9
Manufactures of metal, n.e.s. (69)	85.9	0.7	0.6	12.7	22.9
Machinery, other than electric (71)	84.9	2.7	3.9	8.5	21.6
Electrical machinery, apparatus and appliances (72)	95.2	-3.5	-0.0	8.3	21.5
Transport equipment (73)	77.2	7.6	2.6	12.6	24.4
Clothing and footwear (84, 85)	98.9	8.3	-1.5	-5.7	20.0

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
Food products (311/2)	8.0	14.4	0.87	1.61	0.351	0.297
Beverages (313)	0.5	0.6	0.24	0.26	0.742	0.745
Tobacco (314)	23.3	13.3	23.39	13.97	0.615	0.700
Textiles (321)	49.2	40.8	9.18	8.79	0.542	0.279
Wearing apparel (322)	0.0	0.1 ^{b/}	0.01	0.02 ^{b/}	0.220	0.167
Leather and fur products (323)	1.0	0.8 ^{b/}	2.15	1.97 ^{b/}	0.143	0.089
Footwear (324)	0.2	0.3 ^{b/}	0.26	0.47 ^{b/}	0.602	0.275
Food and cork products (331)	0.6	0.2	0.30	0.09	0.303	0.300
Furniture and fixtures excluding metal (332)	1.1	0.8 ^{b/}	0.63	0.48 ^{b/}	0.612	0.353
Paper (341)	1.7	1.3	0.48	0.38	0.624	0.368
Printing and publishing (342)	0.5	0.5 ^{b/}	0.11	0.13 ^{b/}	0.500	0.406
Industrial chemicals (351)	1.5	1.6	0.33	0.29	0.611	0.422
Other chemicals (352)	5.0	11.5	1.24	2.47	0.527	0.447
Petroleum refineries (353)	0.1 ^{b/}	0.2	0.04 ^{b/}	0.07	0.598	0.020
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	0.520
Rubber products (355)	0.1	0.2	0.09	0.10	0.314	0.275
Plastic products (356)	0.0	0.1 ^{b/}	0.01	0.02 ^{b/}	0.714	0.308
Pottery, china and earthenware (361)	0.5	0.6 ^{b/}	0.89	1.22 ^{b/}	0.500	0.288
Glass (362)	0.3 ^{b/}	0.5	0.32 ^{b/}	0.47	0.500	0.446
Other non-metallic mineral products (369)	0.3	1.9	0.11	0.62	0.429	0.374
Iron and steel (371)	1.5	5.9	0.22	1.04	0.250	0.450
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	0.8	1.6 ^{b/}	0.11	0.24 ^{b/}	0.281	0.501
Non-electrical machinery (382)	0.5	0.8 ^{b/}	0.04	0.07 ^{b/}	0.625	0.318
Electrical machinery (383)	0.7	0.7 ^{b/}	0.09	0.08 ^{b/}	0.447	0.555
Transport equipment (384)	0.4	0.7	0.04	0.07	0.421	0.480
Professional and scientific equipment, photographic and optical goods (385)	1.3	0.3 ^{b/}	0.66	0.15 ^{b/}	0.221	0.301 ^{c/}

^{a/} Relative to all large countries.

^{b/} Estimated.

^{c/} Including ISIC 390.

BANGLADESH

RELATIVE DEGREE OF INDUSTRIALIZATION IN TH

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

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a/ Large countries.

THE 1970s BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group a/
0.61	0.73	0.78
0.15**	0.16**	0.24*
2.18	2.31*	2.14
2.37*	2.02	2.69*
0.04***	0.05***	0.08**
1.83	1.80	3.24*
0.23*	0.23*	0.30*
0.19*	0.18*	0.24*
1.89	1.76	2.65*
1.60	1.70	1.96*
0.53	0.56	0.57*
1.91	2.05	2.10
2.32*	2.80*	2.35*
0.03**	0.05**	0.03**
-	-	-
0.30*	0.30*	0.23**
0.09***	0.11**	0.09***
1.27	0.85	1.42
0.85	0.74	0.66
0.22**	0.22**	0.33**
3.20*	2.21	3.56**
-	-	-
0.46*	0.44*	0.44*
1.51	1.10	1.84*
1.29	1.36	1.16
0.60	0.69	0.70
...
1.20	0.81	0.90
0.44*	0.42*	0.59*

BARBADOS

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

a/ Small countries with ample resources and primary orientation.

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group <u>a/</u>
0.76	0.64	0.81
2.09*	1.92	2.29*
0.59	0.67	0.96
1.36	1.69	4.38*
3.28*	2.10	1.80
-	-	-
-	-	-
-	-	-
1.53	1.16	1.19
0.46	0.55	0.65
3.00*	3.57*	1.44
...
1.20	1.47	1.34
...
...
...
3.52*	5.91*	5.67**
...
-	-	-
1.55	2.28	4.17*
0.67	0.65	0.60
-	-	-
-	-	-
0.50*	0.65	0.46*
6.31**	7.36*	3.85*
3.14*	3.76*	2.93*
6.45*	7.20*	4.70*
-	-	-
6.28*	7.80*	4.97*
1.01	1.28	1.15

BARBADOS

INDICATORS OF APPARENT CONSUMPTION

Product (ISIC; unit of measurement)

Food products(311)
 | Margarine, imitation lard, etc.(501;g) a/
 | Raw sugar(801;kg)
 | Prepared animal feeds(312201;kg) b/ c/
Textiles(321)
 | Wool yarn, pure and mixed(103;g)
 | Cotton yarn, pure and mixed(109;g)
Pulp and paper(341)
 | Newsprint(119;kg)
 | Other printing and writing paper(122;kg)
Industrial chemicals(351)
 | Methanol(methyl alcohol)(121;g)
 | Nitric acid(143;kg)
 | Ammonia(158;kg)
 | Caustic soda(159;kg)
 | Calcium carbide(173;kg)
 | Dyestuffs, synthetic(174;g)
 | Nitrogenous fertilizers(201;kg) d/
 | Phosphatic fertilizers(204 and 207;kg) d/
 | Potassic fertilizers(210;kg) d/
 | Rubber, synthetic(301;g)
Petroleum refineries(353)
 | Distillate fuel oils(019;kg)
 | Residual fuel oils(022;kg)
Iron & steel(371)
 | Other ferro-alloys(013;kg)
 | Wire rods(028;kg)
 | Angles, shapes, sections, under 80 mm(037;kg)
 | Plates(heavy), over 4.75 mm(040;kg)
 | Plates(medium), 3 to 4.75 mm(043;kg)
 | Tubes, seamless(076;kg)
 | Tubes, welded(079;kg) g/
 | Steel castings in the rough state(085;kg)
 | Steel forgings(088;kg) f/ g/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
1714.0	4495.0	415.9	180.8	58.8	38.6	0.295	0.712
100.6	88.5	576.0	500.8	0.0	0.0	2.528	2.058
97.5	169.9	77.2	85.3	22.8	15.6	0.694	0.829
15.0	...	0.0	...	100.0	...	0.005	...
378.0	121.0	0.0	0.0	100.0	100.0	0.085	0.028
3.9	3.7	0.0	0.0	100.0	100.0	0.151	0.142
2.3	4.1	0.0	0.0	100.0	100.0	0.072	0.100
515.0	...	0.0	...	100.0	...	0.062	...
-	-	0.0	0.0	100.0	100.0	0.000	0.000
0.1	0.1	0.0	0.0	100.0	100.0	0.003	0.002
0.7	0.8	0.0	0.0	100.0	100.0	0.024	0.025
0.3	...	0.0	..	100.0	...	0.045	...
143.0	55.0	0.0	0.0	100.0	100.0	0.265	0.109
8.4	3.4	0.0	0.0	100.0	100.0	0.382	0.125
2.8	1.6	0.0	0.0	100.0	100.0	0.206	0.118
9.6	8.3	0.0	0.0	100.0	100.0	0.513	0.405
39.0	79.0	0.0	0.0	100.0	100.0	0.306	0.010
347.9	294.3	49.9	54.3	55.1	47.9	0.625	0.474
475.8	415.6	29.2	64.0	70.8	37.7	0.830	0.785
-	...	0.0	...	100.0	...	0.000	...
0.4	0.3	0.0	0.0	100.0	100.0	0.012	0.010
1.1	2.3	0.0	0.0	100.0	100.0	0.016	0.035
0.4	1.3	0.0	0.0	100.0	100.0	0.009	0.031
0.4	0.7	0.0	0.0	100.0	100.0	0.031	0.059
2.2	1.1	0.0	0.0	100.0	100.0	0.190	0.098
2.8	3.4	0.0	0.0	100.0	100.0	0.116	0.138
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g) ^{b/ g/}	13.0	6.0	0.0	0.0	100.0	100.0	0.002	0.001
Lead, refined, unwrought (037;g)	133.0	122.0	0.0	0.0	100.0	100.0	0.029	0.028
Zinc, unwrought (043;g)	49.0	42.0	0.0	0.0	100.0	100.0	0.009	0.008
Tin, unwrought (049;g)	29.0	1.0	0.0	0.0	100.0	100.0	0.123	0.004

- ^{a/} Production data do not provide for complete coverage.
^{b/} Trade data for 1970 refer only to trade with OECD countries.
^{c/} For first period: 1970 only.
^{d/} For second period: 1976 and 1977.
^{e/} For second period: 1977 and 1978.
^{f/} For first period: 1971 and 1972.
^{g/} For second period: 1976 and 1978.
^{h/} For first period: 1971 only.

BELGIUM

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	13.0	13.8	1.01	1.04
Beverages (313)	3.0	2.6	1.26	1.01
Tobacco (314)	0.7	0.7	0.63	0.66
Textiles (321)	7.1	4.6	1.42	1.02
Wearing apparel (322)	3.4	3.1	1.24	1.28
Leather and fur products (323)	0.4	0.2	0.80	0.41
Footwear (324)	0.7	0.2	0.89	0.29
Wood and cork products (331)	1.1	1.5	0.28	0.38
Furniture and fixtures excluding metal (332)	2.4	3.2	1.04	1.39
Paper (341)	2.8	2.6	0.63	0.61
Printing and publishing (342)	3.0	2.8 ^{b/}	0.54	0.55 ^{b/}
Industrial chemicals (351)	7.3	8.6	1.61	1.55
Other chemicals (352)	3.2	3.7	0.88	0.88
Petroleum refineries (353)	1.4	0.8	1.01	0.57
Miscellaneous products of petroleum and coal (354)	1.3	0.5	1.99	0.99
Rubber products (355)	0.4	0.5	0.33	0.41
Plastic products (356)	1.0	1.8	0.68	1.02
Pottery, china and earthenware (361)	0.6	0.4	1.29	0.90
Glass (362)	2.2	2.1	2.54	2.35
Other non-metallic mineral products (369)	3.1	2.7	0.85	0.80
Iron and steel (371)	6.8	5.4	1.49	1.29
Non-ferrous metals (372)	1.9	2.1	1.04	1.09
Metal products, excluding machinery (381)	5.7	5.1	0.76	0.68
Non-electrical machinery (382)	7.9	7.7	0.96	0.96
Electrical machinery (383)	7.3	7.6	1.67	0.98
Transport equipment (384)	9.3	12.7	1.28	1.76
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.2	0.18	0.14

^{a/} Relative to all small countries with ample resources and industrial orientation.
^{b/} Estimated.

BELGIUM

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	1.32	1.33	1.11
Beverages (313)	1.13	1.18	1.45
Tobacco (314)	0.91	0.93	1.10
Textiles (321)	1.54	1.67*	1.17
Wearing apparel (322)	1.07	1.50	1.58
Leather and fur products (323)	0.58	0.74	0.71
Footwear (324)	0.55	0.74	0.70
Wood and cork products (331)	0.59	0.57	0.38*
Furniture and fixtures excluding metal (332)	1.37	1.53	1.45
Paper (341)	0.82	0.71	0.65
Printing and publishing (342)	0.79	0.67	0.60*
Industrial chemicals (351)	1.55	1.91*	1.58
Other chemicals (352)	0.96	1.04	0.86
Petroleum refineries (353)	0.44	0.88	0.92
Miscellaneous products of petroleum and coal (354)	2.92	2.94	2.40
Rubber products (355)	0.35*	0.36*	0.58*
Plastic products (356)	0.83	0.91	0.94
Pottery, china and earthenware (361)	1.28	1.27	1.04
Glass (362)	2.42	2.53*	2.50*
Other non-metallic mineral products (369)	0.81	0.90	0.77
Iron and steel (371)	1.33	1.27	1.63
Non-ferrous metals (372)	1.31	1.23	1.07
Metal products, excluding machinery (381)	0.76	0.80	0.70
Non-electrical machinery (382)	0.93	0.81	0.92
Electrical machinery (383)	0.99	1.13	0.95
Transport equipment (384)	1.17	1.46*	1.38
Professional and scientific equipment, photographic and optical goods (385)	0.16*	0.16**	0.27*
Other manufactures (390)	2.07	1.81	2.15
Total manufacturing (300)	1.13	1.02	1.05

^{a/} Small countries with ample resources and industrial orientation.

BELGIUM

INDICATORS OF APPARENT CONSUMPTION

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g)
- | Fish, tinned(407;g)
- | Flour, wheat(601;kg) a/
- | Meal and groats of all cereals(604;kg)
- | Raw sugar(601;kg)
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg) b/ c/ d/
- | Oils,other,of vegetable origin(534 & 537;kg) b/

Textiles(321)

- | Wool yarn, pure and mixed(103;g)
- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g)
- | Woollen woven fabrics(134;g)
- | Knitted fabrics(301;g)

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg) a/
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Sulphuric acid(147;kg) b/
- | Nitric acid(149;kg) b/
- | Ammonia(158;kg) b/
- | Caustic soda(159;kg) d/
- | Calcium carbide(173;kg)
- | Dyestuffs, synthetic(174;g) d/
- | Phosphatic fertilizers(204 and 207;kg) d/
- | Insecticides, fungic., disinfect., etc.(216;g) a/
- | Rubber, synthetic(301;g)

Petroleum refineries(362)

- | Distillate fuel oils(015;kg)
- | Residual fuel oils(022;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
27.1	27.8	99.5	100.0	9.4	14.3	0.883	0.810
4105.0	4244.0	48.1	45.1	57.1	67.3	1.066	1.334
7818.0	10117.0	171.0	146.6	49.6	64.3	1.944	2.190
8980.0	8901.0	103.0	81.0	37.5	104.9	2.235	2.314
8426.0	10301.0	49.0	42.1	63.9	78.0	1.319	1.366
7853.0	9689.0	196.6	169.0	86.0	99.7	0.767	0.369
2520.0	2423.0	24.8	18.8	77.6	90.3	1.509	1.400
68.8	64.1	106.0	120.5	2.3	4.8	1.164	1.113
0.9	...	238.9	...	95.1	...	0.048	...
68.3	73.1	105.9	107.4	0.2	0.1	1.716	1.700
445.2	511.5	101.6	99.7	1.2	3.3	3.169	2.496
9.8	20.7	113.1	142.9	16.9	6.9	0.726	1.045
30.7	54.5	76.7	88.3	30.5	18.3	3.040	6.738
8822.0	7741.0	101.8	101.5	5.1	8.5	3.338	4.047
8590.0	6577.0	84.6	69.5	26.7	51.7	1.952	1.523
7239.0	5383.0	102.8	98.8	6.1	9.0	2.236	1.755
4394.0	3201.0	97.8	94.1	11.9	12.5	3.546	2.681
1572.0	1594.0	88.0	64.0	61.7	89.4	1.014	0.677
22.5	19.6	79.8	73.8	20.4	26.9	1.051	0.658
1.0	...	51.7	...	49.5	...	0.476	...
28.0	26.5	58.0	72.3	79.6	81.3	0.354	0.297
18.8	18.6	55.1	45.8	59.7	66.9	0.726	0.713
29.2	43.7	114.5	100.3	74.2	58.5	0.915	1.071
227.1	227.3	98.8	94.3	8.6	10.4	2.442	2.306
90.5	100.7	96.6	97.1	6.0	4.0	3.339	3.291
80.2	48.3	74.5	122.7	44.1	0.4	2.785	0.853
70.6	75.9	94.0	96.6	6.0	3.4	2.469	2.472
6.6	...	99.9	...	0.1	...	1.000	...
809.0	467.0	29.4	50.0	112.2	264.8	1.501	0.849
8.8	2.5	224.1	437.9	33.4	375.7	0.647	0.134
2812.0	...	105.9	...	37.0	...	1.329	...
10251.0	13548.0	57.2	92.5	67.1	87.0	1.493	1.749
970.9	972.9	109.8	108.5	20.4	25.7	1.746	1.556
1082.9	927.2	112.1	127.2	30.6	38.4	1.889	1.751

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption		1970-1972	1976-1978	1970-1972	1976-1978
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (371)								
Wire rods (028; kg)	56.4	55.6	139.3	117.6	54.1	76.4	1.714	1.805
Angles, shapes, sections, under 80 mm (037; kg) f/	147.3	72.2	180.0	160.5	3.0	8.3	2.195	1.109
Plates (heavy), over 4.75 mm (040; kg)	23.2	40.3	553.5	327.7	105.5	81.3	0.530	0.971
Plates (medium), 3 to 4.75 mm (043; kg)	28.7	34.1	216.1	195.0	9.3	11.0	2.242	2.866
Tubes, seamless (076; kg) g/	8.4	5.0	102.2	88.0	76.8	105.5	0.724	0.446
Tubes, welded (079; kg)	8.0	8.9	251.0	247.8	110.0	120.9	0.331	0.365
Steel castings in the rough state (085; kg)	5.6	2.4	103.0	84.9	2.6	25.5	0.966	0.471
Steel forgings (088; kg)	1.2	1.9	91.4	53.9	12.9	48.1	0.197	0.345
Non-ferrous metals (372)								
Aluminium, unwrought (022; g) g/	19716.0	24180.0	1.2	1.3	102.9	104.4	1.315	1.286
Lead, refined, unwrought (037; g) f/	6956.0	9401.0	151.0	133.0	28.1	52.0	1.519	1.927
Zinc, unwrought (043; g) f/	12202.0	8763.0	199.8	285.9	29.3	32.0	2.204	1.730
Tin, unwrought (049; g)	368.0	343.0	116.9	114.5	57.4	68.0	1.559	1.423

a/ Production statistics do not provide for complete coverage.

b/ Estimates.

c/ For first period: 1972 only.

d/ For second period: 1976 only.

e/ For first period: 1970 only.

f/ Production data include additional related products.

g/ For second period: 1976 and 1977.

BELGIUM

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1975-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	113.9	-2.0	-4.0	-8.0	17.5
Chemicals (5)	83.3	0.0	-0.2	16.9	22.8
Manufactured goods classified chiefly by material (6)	127.0	-7.3	-2.1	-17.6	14.9
Machinery and transport equipment (7)	96.3	2.1	2.1	-0.5	20.3
Miscellaneous manufactured articles (8)	133.4	3.0	6.8	-43.3	17.0
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	75.9	-2.4	-0.0	26.5	25.1
Wood and cork manufactures, excluding furniture (63)	101.3	1.4	-5.3	2.5	20.1
Paper, paperboard and manufactures thereof (64)	121.7	9.9	3.1	-34.6	15.2
Textile yarn, fabrics, made-up articles and related products (65)	105.9	7.7	4.9	-18.4	14.9
Non-metallic mineral manufactures, n.e.s. (66)	107.0	-7.8	4.5	-3.7	23.0
Iron and steel (67)	167.7	-17.5	-13.3	-36.9	12.4
Non-ferrous metals (68)	135.0	-13.0	-9.5	-12.5	7.5
Manufactures of metal, n.e.s. (69)	123.1	-11.0	-1.3	-10.8	18.5
Machinery, other than electric (71)	95.0	-4.7	2.5	7.2	19.0
Electrical machinery, apparatus and appliances (72)	106.7	-4.7	1.4	-3.3	21.1
Transport equipment (73)	94.9	8.5	0.2	-3.6	20.8
Clothing and footwear (84, 85)	188.0	9.0	3.6	-100.6	14.1

BOLIVIA

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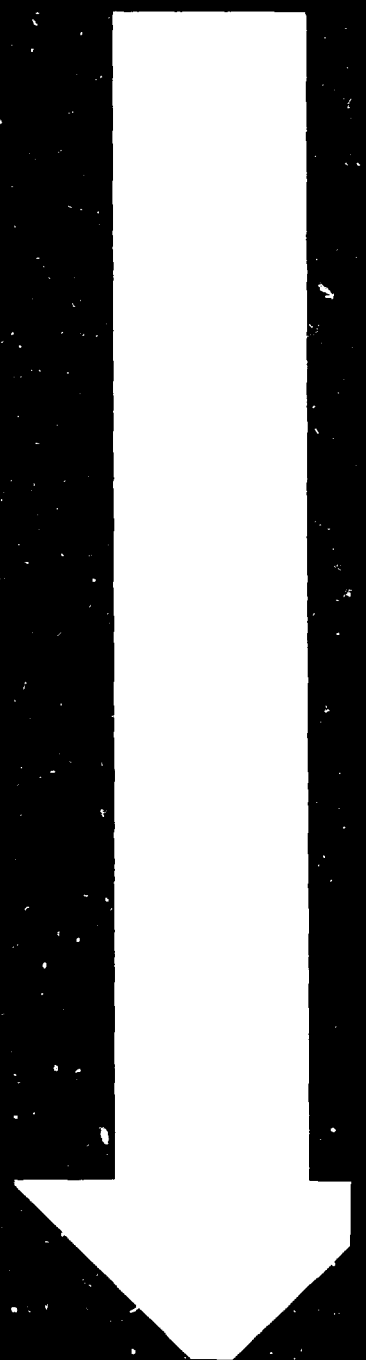
RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

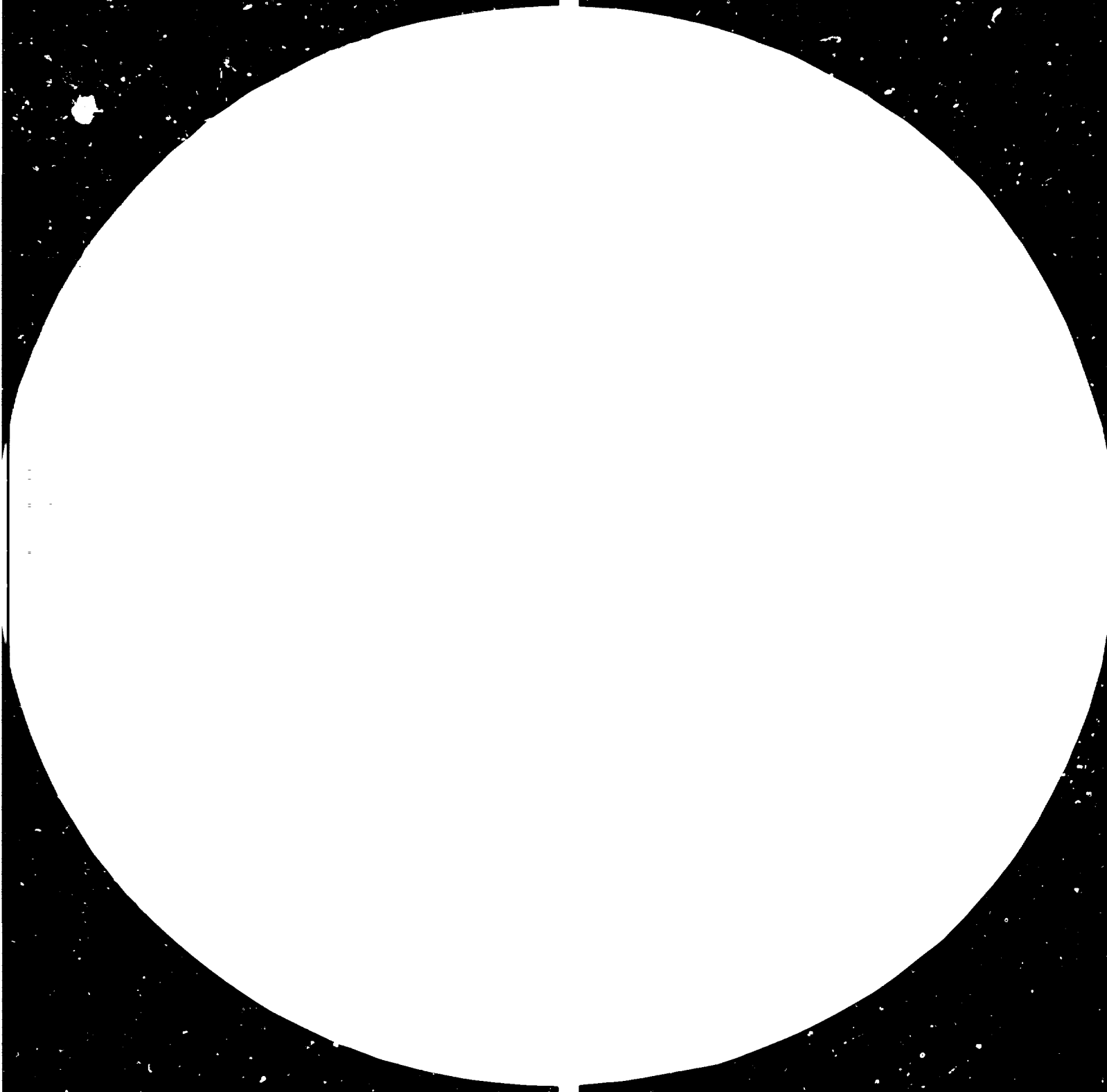
Branch (ISIC)	All countries	Developing countries	Comparable country group <u>a/</u>
Food products (311/2)	0.96	0.91	0.88
Beverages (313)	1.35	1.33	1.41
Tobacco (314)	0.07***	0.07***	0.08**
Textiles (321)	0.84	0.92	0.73
Wearing apparel (322)	5.29*	5.08*	4.81*
Leather and fur products (323)	0.72	0.72	0.69
Footwear (324)	2.31	2.21	1.97
Wood and cork products (331)	0.63	0.62	0.59
Furniture and fixtures excluding metal (332)	1.31	1.29	1.20
Paper (341)	0.12**	0.12**	0.14*
Printing and publishing (342)	0.59	0.58	0.57
Industrial chemicals (351)	0.44	0.44	0.48
Other chemicals (352)	0.86	0.87	0.88
Petroleum refineries (353)	3.18	3.13	2.94
Miscellaneous products of petroleum and coal (354)	1.10	1.21	0.93
Rubber products (355)	1.84	2.17	2.48
Plastic products (356)	1.16	1.25	1.20
Pottery, china and earthenware (361)	0.18*	0.19*	b/
Glass (362)	1.32	1.61	1.49
Other non-metallic mineral products (369)	1.37	1.39	1.43
Iron and steel (371)	0.04***	0.05**	0.05**
Non-ferrous metals (372)	2.71	3.50	3.94
Metal products, excluding machinery (381)	0.42*	0.44*	0.42*
Non-electrical machinery (382)	1.95	1.99	2.00
Electrical machinery (383)	0.11**	0.11**	0.10**
Transport equipment (384)	0.08**	0.09**	0.10*
Professional and scientific equipment, photographic and optical goods (385)	0.28*	0.23*	0.11*
Other manufactures (390)	2.11	2.27	2.34
Total manufacturing (300)	1.03	1.16	0.97

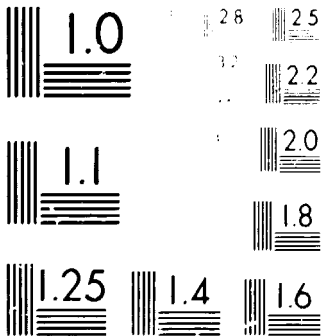
a/ Small countries with modest resources.

b/ Corresponding group average pattern could not be identified.

83-0330







MEASUREMENT OF THE EFFECT OF THE RESOLUTION OF THE IMAGE ON THE PERCENTAGE OF CORRECT ANSWERS IN THE TEST OF VISUAL DISCRIMINATION

NOTE: The number of correct answers is given in the column headed "PERCENTAGE OF CORRECT ANSWERS".

RESOLUTION OF IMAGE (LINE PAIRS PER INCH) IS GIVEN IN THE COLUMN HEADED "RESOLUTION OF IMAGE".

PERCENTAGE OF CORRECT ANSWERS IS GIVEN IN THE COLUMN HEADED "PERCENTAGE OF CORRECT ANSWERS".

PERCENTAGE OF CORRECT ANSWERS IS GIVEN IN THE COLUMN HEADED "PERCENTAGE OF CORRECT ANSWERS".

BOLIVIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1972	1976-1978	1972	1976-1978
Food products (31)	12.0	...	103.0	...	0.0	...	0.391	...
Beef and veal, fresh (101:kg)	1036.0	...	6.8	...	91.2	...	0.358	...
Milk and cream, dried (204:g)	74.0	...	99.7	...	0.3	...	0.018	...
Butter (207:g) a/	1376.0	...	90.6	...	9.4	...	0.215	...
Cheese (210:g)	38.3	...	30.4	...	69.6	...	0.648	...
Flour, wheat (601:kg)	4.0	...	100.0	...	0.0	...	0.145	...
Bread, ships' biscuits, etc. (704:kg) b/	25.8	...	103.9	...	0.0	...	0.648	...
Raw sugar (801:kg)	1.7	...	74.8	...	25.3	...	0.124	...
Oil, soya bean (510 and 513:kg) b/ c/	401.0	...	99.8	...	0.2	...	0.124	...
Cotton woven fabrics (128:g) b/	14.0	...	0.0	...	100.0	...	0.002	...
Industrial chemicals (351)	0.2	...	96.2	...	3.8	...	0.002	...
Methanol (methyl alcohol) (121:g)	0.3	...	0.0	...	100.0	...	0.010	...
Sulphuric acid (147:kg) s/	31.0	...	0.0	...	100.0	...	0.058	...
Caustic soda (159:kg)	0.3	...	0.0	...	100.0	...	0.014	...
Dyestuffs, synthetic (174:g)	0.3	...	0.0	...	100.0	...	0.022	...
Nitrogenous fertilizers (201:kg)	0.3	...	0.0	...	100.0	...	0.000	...
Phosphatic fertilizers (204 and 207:kg)	-	...	0.0	...	100.0	...	0.000	...
Potassic fertilizers (210:kg)	22.1	...	100.0	...	0.0	...	0.040	...
Petroleum refineries (252)	33.4	...	100.0	...	0.0	...	0.054	...
Distillate fuel oils (015:kg) s/	3.1	...	0.0	...	100.0	...	0.011	...
Residual fuel oils (022:kg) s/ s/	0.2	...	0.0	...	100.0	...	0.007	...
Iron & steel (37)	0.6	...	0.0	...	100.0	...	0.009	...
Other ferro-alloys (013:kg)	0.8	...	0.0	...	100.0	...	0.018	...
Angles, shapes, sections, 20 mm or more (036:kg)	3.3	...	0.0	...	100.0	...	0.20	...
Angles, shapes, sections, under 20 mm (037:kg)	29.0	...	0.0	...	100.0	...	0.005	...
Plates (heavy), over 4.75 mm (040:kg)	1035.0	...	99.8	...	0.2	...	4.366	...
Tubes, seamless (076:kg)								
Non-ferrous alloys (72)								
Zinc, unwrought (043:g) s/								
Tin, unwrought (049:g)								

a/ For first period: 1971 and 1972.

b/ Estimates.

c/ For first period: 1970 and 1971.

d/ Trade data refer only to trade with OECD countries.

s/ For first period: 1970 only.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1974
	Food products (311/2)	15.8	13.0	1.73	1.46	0.305	0.263
Beverages (313)	1.0	0.9	0.48	0.42	0.563	0.540
Tobacco (314)	0.7	0.6	0.73	0.63	0.627	0.592
Textiles (321)	9.9	6.8	1.05	1.46	0.460	0.372
Wearing apparel (322)	2.1	1.5	0.76	0.58	0.453 ^{b/}	0.428 ^{b/}
Leather and fur products (323)	0.7	0.5	1.39	1.12	0.448	0.387
Footwear (324)	1.3	0.9	1.75	1.56	...	...
Wood and cork products (331)	2.7	2.6 ^{c/}	1.28	1.38 ^{c/}	0.505	0.507
Furniture and fixtures excluding metal (332)	2.7	1.8 ^{c/}	1.53	1.05 ^{c/}	0.537	0.488
Paper (341)	2.7	2.0	0.75	0.59	0.479	0.442
Printing and publishing (342)	3.6	2.4	0.81	0.60	0.667	0.649
Industrial chemicals (351)	2.3	3.0	0.48	0.53	0.420 ^{d/}	0.303 ^{d/}
Other chemicals (352)	6.0	7.8	1.49	1.67	0.638	0.570
Petroleum refineries (353)	3.5	3.6	1.57	1.60	...	...
Miscellaneous products of petroleum and coal (354)	0.4	0.4	1.17	1.24	...	...
Rubber products (355)	1.9	1.8	1.28	1.19	0.525	0.465
Plastic products (356)	1.8	1.7	1.12	0.77	0.519	0.512
Pottery, china and earthenware (361)	1.5	1.6	2.88	3.25	0.646 ^{e/}	0.612 ^{e/}
Glass (362)	1.0	1.0	1.06	1.03	...	...
Other non-metallic mineral products (369)	3.8	4.0	1.24	1.35	...	...
Iron and steel (371)	6.3	0.4	0.94	1.12	0.424 ^{f/}	0.403 ^{f/}
Non-ferrous metals (372)	1.5	1.5	0.85	0.89	...	...
Metal products, excluding machinery (381)	4.2	4.3	0.60	0.64	...	...
Non-electrical machinery (382)	4.8	9.4	0.44	0.87	0.566	0.493
Electrical machinery (383)	7.8	7.5	0.99	0.83	0.523	0.450
Transport equipment (384)	8.4	11.3	0.86	1.09	0.444	0.318
Professional and scientific equipment, photographic and optical goods (385)	0.4	0.5 ^{c/}	0.21	0.24 ^{c/}	0.608 ^{g/}	0.575 ^{g/}

^{a/} Relative to all large countries.

^{b/} Including ISIC 324.

^{c/} Estimated.

^{d/} Including ISIC 353 and 354.

^{e/} Including ISIC 362 and 369.

^{f/} Including ISIC 372 and 381.

^{g/} Including ISIC 390.

BRAZIL

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{g/}
Food products (311/2)	0.98	0.97	1.06
Beverages (313)	0.36*	0.38*	0.47*
Tobacco (314)	0.40*	0.25*	0.38*
Textiles (321)	0.54	0.50	0.89
Wearing apparel (322)	0.74	0.94	0.61
Leather and fur products (323)	0.86	1.13	0.89
Footwear (324)	1.23	1.98	1.90
Wood and cork products (331)	1.27	2.01	1.16
Furniture and fixtures excluding metal (332)	2.15*	3.94*	1.83
Paper (341)	0.82	0.70	0.71
Printing and publishing (342)	1.14	1.08	0.86
Industrial chemicals (351)	0.54	0.49	0.48
Other chemicals (352)	1.37	0.56	1.06
Petroleum refineries (353)	1.87	0.69	1.91
Miscellaneous products of petroleum and coal (354)	0.84	0.53	0.92
Rubber products (355)	0.98	0.44	0.98
Plastic products (356)	1.22	0.77	1.29
Pottery, china and earthenware (361)	2.88*	4.27*	2.26*
Glass (362)	0.84	0.54	1.08
Other non-metallic mineral products (369)	1.01	1.14	1.00
Iron and steel (371)	0.93	0.67	0.80
Non-ferrous metals (372)	0.69	0.76	1.31
Metal products, excluding machinery (381)	0.65	0.67	0.79
Non-electrical machinery (382)	1.31	1.58	0.87
Electrical machinery (383)	0.92	0.67	0.94
Transport equipment (384)	1.23	0.79	1.11
Professional and scientific equipment, photographic and optical goods (385)	0.61	1.03	0.37*
Other manufactures (390)	0.92	1.46	0.75
Total manufacturing (300)	1.22	1.59	1.56*

BRAZIL

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	As a percentage of apparent consumption		1970-1972	1976-1978	1970-1972	1976-1978
			1970-1972	1976-1978				
Food products(31)								
Beef and veal, fresh (101;kg)	16.4	19.7	106.9	98.2	0.2	2.3	0.534	0.579
Milk and cream, condensed(201;g)	260.0	280.0	100.7	99.5	1.3	0.5	0.067	0.088
Milk and cream, dried(204;g) <u>a/</u>	1139.0	1325.0	85.0	83.6	15.0	15.6	0.283	0.287
Butter(207;g) <u>b/</u>	494.0	658.0	101.2	101.2	0.1	1.4	0.123	0.171
Cheese(210;g) <u>b/</u>	510.0	545.0	99.4	87.5	1.0	12.5	0.080	0.069
Fish, tinned(407;g)	380.0	346.0	99.1	98.2	2.3	6.4	0.228	0.200
Flour, wheat(601;kg) <u>a/</u> <u>s/</u>	24.0	25.4	99.3	99.9	0.7	0.2	0.406	0.441
Raw sugar(801;kg)	39.3	57.2	142.6	120.0	0.0	0.0	0.987	1.330
Prepared animal feeds(312201;kg) <u>a/</u>	25.6	...	99.9	...	0.1	...	0.182	...
Vegetable oils(311)								
Oils, other, of vegetable origin(534 & 537;kg) <u>a/</u> <u>d/</u>	3.3	...	152.2	...	0.8	...	0.327	...
Textiles(32)								
Cotton woven fabrics(128;g) <u>a/</u> <u>s/</u>	1247.0	1304.0	108.1	103.4	0.1	0.0	0.385	0.425
Woolen woven fabrics(124;g) <u>a/</u> <u>s/</u>	78.0	46.0	100.0	99.9	0.2	0.5	0.063	0.039
Pulp and paper(34)								
Wood pulp, mechanical(101;kg)	1.7	1.7	106.3	64.3	0.2	36.6	0.079	0.057
Pulp of fibres other than wood(104;kg) <u>a/</u>	0.6	0.8	100.1	99.0	0.0	1.1	0.286	0.444
Wood pulp, sulphate and soda(110;kg)	6.1	10.6	98.8	113.4	10.4	0.3	0.077	0.119
Newsprint(119;kg) <u>d/</u>	2.6	2.6	46.6	40.9	53.6	59.1	0.100	0.100
Other printing and writing paper(122;kg)	3.1	4.7	91.7	99.1	8.6	9.1	0.097	0.115
Industrial chemicals(35)								
Nitric acid(149;kg)	0.7	...	99.8	...	0.2	...	0.026	...
Caustic soda(159;kg)	3.5	4.5	46.2	61.4	53.8	40.3	0.122	0.147
Nitrogenous fertilizers(201;kg)	8.7	12.1	7.0	16.7	93.0	83.4	0.395	0.443
Phosphatic fertilizers(204 and 207;kg) <u>f/</u>	7.3	13.0	32.4	65.6	37.6	34.2	0.537	0.956
Potassic fertilizers(210;kg) <u>f/</u>	2.9	5.3	0.0	0.0	100.0	100.0	0.155	0.259
Insecticides, fungic., disinfect., etc.(216;g) <u>a/</u> <u>d/</u> <u>s/</u>	522.0	486.0	38.6	37.6	66.2	68.0	0.247	0.244
Rubber, synthetic(301;g)	1039.0	1805.0	81.3	88.8	20.2	12.4	0.151	0.236
Petroleum refineries(352)								
Distillate fuel oils(019;kg)	62.3	112.0	105.9	101.0	1.0	0.7	0.112	0.150
Residual fuel oils(022;kg)	95.0	139.7	102.4	97.5	1.9	2.8	0.166	0.264
Iron & steel(37)								
Other ferro-alloys(013;kg)	0.8	2.4	106.6	129.1	14.7	2.7	0.090	0.240
Wire rods(028;kg) <u>f/</u>	5.3	8.9	105.2	101.1	2.4	0.5	0.161	0.289
Angles, shapes, sections, 20 mm or more(036;kg) <u>f/</u>	1.6	2.4	79.3	87.0	28.9	13.2	0.057	0.096
Angles, shapes, sections, under 20 mm(037;kg) <u>b/</u> <u>f/</u>	1.3	2.1	99.7	91.4	1.6	9.8	0.019	0.032
Plates (heavy), over 4.75 mm(040;kg) <u>f/</u>	5.4	12.1	104.3	80.4	5.6	20.1	0.123	0.292
Tubes, seamless(076;kg) <u>f/</u>	1.7	2.1	78.1	82.4	24.1	18.1	0.147	0.157
Tubes, welded(079;kg) <u>a/</u>	0.1	...	95.1	...	19.6	...	0.004	...

BRAZIL

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (322)								
Copper, refined, unwrought (004;g)	929.0	1651.0	25.1	14.9	75.6	85.1	0.109	0.195
Lead, refined, unwrought (037;g) a/	293.0	464.0	81.6	84.7	18.6	15.3	0.064	0.095
Zinc, unwrought (043;g) a/	545.0	936.0	27.6	44.9	72.4	55.1	0.098	0.185
Tin, unwrought (049;g)	25.0	48.0	147.4	133.2	0.0	0.2	0.105	0.199

a/ Estimates.

b/ Production statistics do not provide for complete coverage.

c/ For second period: 1976 only.

d/ For first period: 1970 and 1971.

e/ For first period: 1970 only.

f/ For second period: 1976 and 1977.

g/ For first period: 1972 only.

h/ For first period: 1971 and 1972.

BRAZIL

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	37.6	-3.5	-2.2	68.2	35.8
Chemicals (5)	78.9	-1.8	-3.2	26.1	26.9
Manufactured goods classified chiefly by material (6)	49.3	-5.3	0.6	55.4	27.8
Machinery and transport equipment (7)	23.9	-1.9	-1.2	79.2	45.4
Miscellaneous manufactured articles (8)	33.1	-6.5	-1.7	75.2	49.8
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	56.7	-9.0	-5.3	57.6	28.7
Rubber manufactures, n.e.s. (62)	34.7	0.0	0.6	64.7	37.1
Wood and cork manufactures, excluding furniture (63)	131.6	-14.9	-10.7	-6.0	16.2
Paper, paperboard and manufactures thereof (64)	20.9	-2.4	-0.8	82.4	97.9
Textile yarn, fabrics, made-up articles and related products (55)	28.4	-2.0	0.7	72.9	37.8
Non-metallic mineral manufactures, n.e.s. (66)	134.3	-10.4	-3.2	-20.7	25.6
Iron and steel (67)	69.9	-5.0	-1.2	34.4	21.1
Non-ferrous metals (68)	33.8	-15.1	7.4	74.0	33.2
Manufactures of metal, n.e.s. (69)	44.8	-9.1	-5.6	69.8	36.6
Machinery, other than electric (71)	29.6	-1.8	-2.5	74.7	39.1
Electrical machinery, apparatus and appliances (72)	27.4	-3.0	-0.0	75.6	44.2
Transport equipment (73)	14.9	-1.5	0.9	85.7	43.5
Clothing and footwear (84, 85)	29.8	-6.8	-1.8	78.8	59.7

BULGARIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	24.7	20.7	1.98	2.02
Beverages (313)	3.4	3.0	1.59	1.48
Tobacco (314)	4.4	3.1	8.36	8.20
Textiles (321)	10.9	9.6	1.46	1.55
Wearing apparel (322)	5.7	4.9	1.12	1.16
Leather and fur products (323)	1.1	0.7	1.42	1.15
Footwear (324)	1.1	1.2	0.61	0.91
Wood and cork products (331)	2.5	1.8	1.22	1.15
Furniture and fixtures excluding metal (332)	1.6	1.9	1.22	1.42
Paper (341)	0.9	1.0	0.84	0.98
Printing and publishing (342)	0.7	0.7	0.68	0.73
Industrial chemicals (351)	3.2	2.6	0.64	0.46
Other chemicals (352)	1.7	2.1	1.67	1.99
Petroleum refineries (353)	...	...	...	...
Miscellaneous products of petroleum and coal (354)	1.3	1.0 ^{b/}	1.41	1.47 ^{b/}
Rubber products (355)	1.2	1.8	1.03	1.59
Plastic products (356)	0.8 ^{b/}	0.9 ^{b/}	1.29 ^{b/}	1.09 ^{b/}
Pottery, china and earthenware (361)	0.3	0.2	0.38	0.28
Glass (362)	0.8	0.7	0.91	0.75
Other non-metallic mineral products (369)	3.5	3.8	0.68	0.83
Iron and steel (371)	2.9	3.2	0.47	0.65
Non-ferrous metals (372)	2.7	1.9	0.93	0.72
Metal products, excluding machinery (381)	3.3	3.5	0.79	0.86
Non-electrical machinery (382)	6.1 ^{c/}	13.4 ^{c/}	0.47 ^{c/}	0.91 ^{c/}
Electrical machinery (383)	3.6	4.5	0.63	0.59
Transport equipment (384)	2.8	4.1	0.36	0.46
Professional and scientific equipment, photographic and optical goods (385)	...	...	...	...

^{a/} Relative to all centrally planned economies.

^{b/} Estimated.

^{c/} Including ISIC 385.

BULGARIA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group a/
Food products (311/2)	2.33*	3.55**	
Beverages (313)	1.51	1.60*	
Tobacco (314)	6.67**	6.84**	
Textiles (321)	2.44*	1.61*	
Wearing apparel (322)	2.32	1.70*	
Leather and fur products (323)	2.15*	1.21	
Footwear (324)	2.00	1.08	
Wood and cork products (331)	1.74	1.52	
Furniture and fixtures excluding metal (332)	1.94	1.25	
Paper (341)	0.66	1.10	
Printing and publishing (342)	0.37*	0.90	
Industrial chemicals (351)	1.17	0.81	
Other chemicals (352)	1.09	1.60	
Petroleum refineries (353)	...	...
Miscellaneous products of petroleum and coal (354)	8.04*	9.23*	
Rubber products (355)	1.65	1.52	
Plastic products (356)	0.71	1.09	
Pottery, china and earthenware (361)	1.02	0.62	
Glass (362)	2.04	1.19	
Other non-metallic mineral products (369)	1.76*	1.42*	
Iron and steel (371)	1.26	0.75	
Non-ferrous metals (372)	4.56*	1.79*	
Metal products, excluding machinery (381)	1.09	1.04	
Non-electrical machinery (382)	...	...
Electrical machinery (383)	0.99	0.93	
Transport equipment (384)	0.88	0.78	
Professional and scientific equipment, photographic and optical goods (385)	...	...
Other manufactures (390)	7.16*	4.23*	
Total manufacturing (300)	2.68*	1.35*	

a/ Country not assigned to any group due to lack of appropriate data.

BURMA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	23.4	23.1	2.56	2.59
Beverages (313)	3.4	4.6	1.68	2.18
Tobacco (314)	7.3	9.1	7.31	9.53
Textiles (321)	5.4	9.9	1.01	2.12
Wearing apparel (322)	2.1	2.5	0.75	0.98
Leather and fur products (323)	1.0	0.7 ^{b/}	2.12	1.47 ^{b/}
Footwear (324)	0.4	0.3 ^{b/}	0.52	0.46 ^{b/}
Wood and cork products (331)	20.6	12.4	9.59	6.65
Furniture and fixtures excluding metal (332)	1.5	0.9	0.87	0.53
Paper (341)	0.1	0.5	0.02	0.15
Printing and publishing (342)	1.9	1.5 ^{b/}	0.42	0.38 ^{b/}
Industrial chemicals (351)	0.4	0.8	0.08	0.14
Other chemicals (352)	3.4	3.3	0.84	0.71
Petroleum refineries (353)	1.7	1.3	0.75	0.57
Miscellaneous products of petroleum and coal (354)	-	-	-	-
Rubber products (355)	2.1	3.3	1.40	2.22
Plastic products (356)	-	-	-	-
Pottery, china and earthenware (361)	4.6 ^{c/}	5.8 ^{c/}	1.03 ^{c/}	1.31 ^{c/}
Glass (362)	...	...	...	...
Other non-metallic mineral products (369)	...	...	...	...
Iron and steel (371)	0.2	0.2	0.03	0.03
Non-ferrous metals (372)	15.3	15.6	8.76	9.33
Metal products, excluding machinery (381)	2.6	2.0 ^{b/}	0.37	0.29 ^{b/}
Non-electrical machinery (382)	0.2	0.3	0.02	0.02
Electrical machinery (383)	0.9	0.9	0.12	0.10
Transport equipment (384)	0.3	0.2	0.03	0.02
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-

^{a/} Relative to all large countries.

^{b/} Estimated.

^{c/} Including ISIC 362 and 369.

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.97	1.06	1.21
Beverages (313)	0.68	0.69	0.73
Tobacco (314)	0.98	1.12	0.73
Textiles (321)	0.37*	0.36*	0.36**
Wearing apparel (322)	1.38	1.75	2.31
Leather and fur products (323)	1.27	1.32	1.83
Footwear (324)	0.27*	0.28*	0.40
Wood and cork products (331)	6.95**	6.18*	7.70**
Furniture and fixtures excluding metal (332)	2.12*	1.88	3.04*
Paper (341)	0.56	0.55	0.69
Printing and publishing (342)	0.88	0.81	1.00
Industrial chemicals (351)	0.66	0.75	0.65
Other chemicals (352)	1.26	1.77	1.17
Petroleum refineries (353)	0.36	0.77	0.33
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	4.09*	5.13*	3.20*
Plastic products (356)	-	-	-
Pottery, china and earthenware (361)	...	...	...
Glass (362)	...	...	...
Other non-metallic mineral products (369)	...	...	...
Iron and steel (371)	0.18*	0.17*	0.17**
Non-ferrous metals (372)	23.74**	15.25*	9.91**
Metal products, excluding machinery (381)	1.12	1.09	1.07
Non-electrical machinery (382)	0.65	0.50	0.65
Electrical machinery (383)	1.33	1.54	1.47
Transport equipment (384)	0.40	0.53	0.35*
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	1.20	0.77	1.08
Total manufacturing (300)	0.69	0.64	0.78

^{a/} Large countries.

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972		1970-1972		1970-1972		1970-1972	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products(311)								
Reef and veal, fresh(101;kg) g/	2.9	...	100.0	...	0.0	...	0.094	...
Milk and cream, condensed(201;g)	321.0	...	3.8	...	96.2	...	0.003	...
Butter(207;g)	256.0	...	99.9	...	0.1	...	0.064	...
Cheese(210;g)	422.0	...	100.0	...	0.0	...	0.066	...
Vegetables, tinned or bottled(322;g)	8.0	...	99.8	...	0.2	...	0.001	...
Fish, tinned(407;g)	2607.0	...	100.0	...	0.0	...	1.561	...
Margarine, imitation lard, etc.(501;g)	20.0	...	99.7	...	0.3	...	0.003	...
Flour, wheat(601;kg)	1.5	...	47.7	...	52.3	...	0.025	...
Raw sugar(801;kg) g/ s/	3.2	...	100.0	...	0.0	...	0.060	...
Refined sugar(804;kg)	1.9	...	99.8	...	0.2	...	0.047	...
Vegetable oils(321)								
Oils, other, of vegetable origin(534 & 537;kg) d/	3.5	...	97.0	...	3.0	...	0.347	...
Lard(321)								
Cotton woven fabrics(128;g) d/ s/	284.0	...	100.0	...	0.0	...	0.088	...
Pulp and paper(341)								
Pulp of fibres other than wood(104;kg) g/	-	...	80.1	...	19.9	...	0.000	...
Other printing and writing paper(122;kg) f/	0.4	...	33.4	...	66.6	...	0.013	...
Industrial chemicals(351)								
Nitric acid(149;kg)	-	...	0.0	...	100.0	...	0.000	...
Sulphuric acid(158;kg)	-	...	0.0	...	100.0	...	0.000	...
Calcium carbide(173;kg)	-	...	0.0	...	100.0	...	0.000	...
Dyestuffs, synthetic(174;n)	1.0	...	0.0	...	100.0	...	0.000	...
Nitrogenous fertilizers(201;kg) f/	0.8	...	99.9	...	0.1	...	0.036	...
Phosphatic fertilizers(204 and 207;kg)	0.2	...	0.0	...	100.0	...	0.015	...
Potassic fertilizers(210;kg) s/	-	...	0.0	...	100.0	...	0.000	...
Pesticides and insecticides(352)								
Distillate fuel oils(019;kg) b/ s/	9.8	...	100.0	...	0.0	...	0.018	...
Residual fuel oils(022;kg)	5.6	...	96.6	...	3.4	...	0.010	...
Iron and steel(371)								
Other ferro-alloys(013;kg)	-	...	0.0	...	100.0	...	0.000	...
Wire rods(028;kg) b/ s/	0.6	...	100.0	...	0.0	...	0.018	...
Angles, shapes, sections, 80 mm or more(036;kg)	0.1	...	0.0	...	100.0	...	0.004	...
Plates (heavy), over 4.75 mm(040;kg) g/	-	...	0.0	...	100.0	...	0.000	...
Plates (medium), 3 to 4.75 mm(043;kg)	-	...	0.0	...	100.0	...	0.000	...
Tubes, seamless(076;kg)	0.2	...	0.0	...	100.0	...	0.017	...
Tubes, welded(079;kg)	-	...	0.0	...	100.0	...	0.000	...

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production (Imports)				Per capita apparent consumption as a ratio to the OECD (average (weighted))	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004;g)	1.0	...	0.0	...	100.0	...	0.000	...
Aluminium, unwrought (022;g)	19.0	...	0.0	...	100.0	...	0.001	...
Lead, refined, unwrought (037;g)	71.0	...	17.1	...	1.3	...	0.018	...
Zinc, unwrought (043;g)	1.0	...	0.0	...	100.0	...	0.000	...
Tin, unwrought (049;g)	-	...	0.0	...	100.0	...	0.000	...

- a/ For first period: 1972 only.
 b/ Trade data for 1970 refer only to trade with OECD countries.
 c/ For first period: 1970 only.
 d/ Estimates.
 e/ For first period: 1971 only.
 f/ For first period: 1971 and 1972.
 g/ For first period: 1970 and 1971.

CANADA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	11.6	10.0	1.27	1.12	0.275	0.261
Beverages (313)	2.6	2.6	1.30	1.20	0.606	0.563
Tobacco (314)	0.9	0.8	0.90	0.81	0.375	0.321
Textiles (321)	3.8	3.7	0.72	0.80	0.421	0.423
Wearing apparel (322)	3.1	3.0	1.13	1.15	0.469	0.477
Leather and fur products (323)	0.3	0.3	0.67	0.64	0.500	0.389
Footwear (324)	0.6	0.5	0.86	0.91	0.481	0.466
Wood and cork products (331)	4.4	5.2	2.04	2.77	0.390	0.453
Furniture and fixtures excluding metal (332)	1.9	1.7	1.10	1.01	0.506	0.506
Paper (341)	11.2	10.4	3.12	3.07	0.434	0.434
Printing and publishing (342)	4.3	5.0	1.08	1.27	0.646	0.618
Industrial chemicals (351)	3.1	3.3	0.67	0.59	0.417	0.332
Other chemicals (352)	3.0	3.5	0.74	0.75	0.506	0.488
Petroleum refineries (353)	1.3	1.5	0.59	0.65	0.184	0.113
Miscellaneous products of petroleum and coal (354)	0.2	0.2	0.60	0.70	0.375	0.312
Rubber products (355)	1.6	1.5	1.07	1.02	0.473	0.439
Plastic products (356)	1.1	1.3	0.68	0.60	0.489	0.444
Pottery, china and earthenware (361)	0.1	0.1	0.19	0.23	0.667	0.571
Glass (362)	0.7	0.7	0.78	0.70	0.556	0.565
Other non-metallic mineral products (369)	2.8	2.9	0.92	0.96	0.518	0.480
Iron and steel (371)	5.2	5.0	0.77	0.87	0.460	0.415
Non-ferrous metals (372)	4.0	3.3	2.28	1.96	0.347	0.355
Metal products, excluding machinery (381)	8.3	7.8	1.19	1.16	0.474	0.456
Non-electrical machinery (382)	5.1	5.7	0.46	0.52	0.523	0.460
Electrical machinery (383)	7.0	6.3	0.89	0.79	0.433	0.477
Transport equipment (384)	8.8	11.1	0.97	1.07	0.299	0.251
Professional and scientific equipment, photographic and optical goods (385)	0.9	1.1	0.49	0.53	0.511	0.497

^{a/} Relative to all large countries.

CANADA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	1.08	0.90	0.93
Beverages (313)	1.19	1.15	0.65
Tobacco (314)	0.92	1.07	0.95
Textiles (321)	0.79	0.97	0.66
Wearing apparel (322)	1.06	1.14	0.94
Leather and fur products (323)	0.61	0.79	0.56
Footwear (324)	0.72	0.94	0.44
Wood and cork products (331)	1.82	1.66	2.44*
Furniture and fixtures excluding metal (332)	0.88	0.89	0.98
Paper (341)	2.85*	2.03*	2.48*
Printing and publishing (342)	1.19	0.65	1.07
Industrial chemicals (351)	0.49	0.65	0.63
Other chemicals (352)	0.66	0.68	0.81
Petroleum refineries (353)	0.54	1.36	0.38
Miscellaneous products of petroleum and coal (354)	0.53	0.61	0.80
Rubber products (355)	1.07	1.25	0.83
Plastic products (356)	0.77	0.60*	0.52*
Pottery, china and earthenware (361)	0.23*	0.28*	0.33*
Glass (362)	0.65	0.84	0.49*
Other non-metallic mineral products (369)	0.77	0.81	0.73
Iron and steel (371)	0.86	1.14	0.93
Non-ferrous metals (372)	1.59	2.04*	1.14
Metal products, excluding machinery (381)	1.06	0.98	0.83
Non-electrical machinery (382)	0.53	0.57*	1.02
Electrical machinery (383)	0.86	0.93	0.94
Transport equipment (384)	0.95	1.09	1.05
Professional and scientific equipment, photographic and optical goods (385)	1.20	1.25	1.70
Other manufactures (390)	1.30	1.28	1.83
Total manufacturing (300)	0.77	0.79	0.66

^{a/} Large countries.

CANADA

INDICATORS OF APPARENT

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg)
- | Milk and cream, condensed (201;g)
- | Milk and cream, dried (204;g)
- | Butter (207;g)
- | Cheese (210;g)
- | Vegetables, tinned or bottled (322;g) a/
- | Fish, tinned (407;g)
- | Flour, wheat (601;kg)
- | Flour, cereal, other than wheat (607;kg) b/ a/
- | Raw sugar (801;kg)
- | Refined sugar (804;kg)
- | Prepared animal feeds (312201;kg) a/

Vegetable oils (311)

- | Oil, soya bean (510 and 513;kg)
- | Oil, cotton seed (516 and 519;kg) c/ a/
- | Oil, groundnut (522 and 525;kg) c/
- | Oils, other, of vegetable origin (534 & 537;kg) c/

Textiles (321)

- | Wool yarn, pure and mixed (103;g) d/ b/ a/
- | Cotton woven fabrics (128;g) c/
- | Woollen woven fabrics (134;g) a/
- | Knitted fabrics (301;g) a/

Pulp and paper (341)

- | Wood pulp, mechanical (101;kg)
- | Pulp of fibres other than wood (104;kg)
- | Wood pulp, sulphate and soda (110;kg)
- | Newsprint (119;kg)
- | Other printing and writing paper (122;kg)

Industrial chemicals (351)

- | Chlorine (145;kg)
- | Sulphuric acid (147;kg)
- | Nitric acid (149;kg) b/
- | Ammonia (158;kg) a/
- | Caustic soda (159;kg)
- | Nitrogenous fertilizers (201;kg)
- | Phosphatic fertilizers (204 and 207;kg)
- | Potassic fertilizers (210;kg) a/
- | Rubber, synthetic (301;g)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
32.8	42.1	97.4	96.3	7.9	7.4	1.068	1.238
4742.0	...	98.2	...	8.7	...	1.231	...
3194.0	179.0	246.0	3598.2	3.4	48.1	0.794	0.039
6533.0	4933.0	99.0	99.7	1.5	1.5	1.626	1.296
6415.0	9307.0	99.1	90.9	11.2	10.1	1.004	1.180
15072.0	18212.0	87.0	78.6	19.0	24.1	1.472	0.676
2656.0	...	80.6	...	15.4	...	1.590	...
58.1	60.8	140.7	136.8	0.0	1.0	0.983	1.066
1.2	0.9	76.6	58.8	23.4	41.2	0.167	0.188
47.8	48.3	11.4	12.3	86.6	87.7	1.201	1.123
46.5	43.7	101.4	109.0	0.0	1.0	1.154	1.068
179.4	199.4	107.2	106.6	0.9	0.6	1.277	0.973
5.6	11.5	109.3	89.2	17.4	17.5	0.415	0.581
1.4	0.5	61.9	86.7	38.1	43.3	0.519	0.333
1.0	1.3	66.6	77.5	33.4	22.5	0.568	1.063
14.3	16.0	66.8	77.9	20.0	24.9	1.416	1.976
751.0	439.0	99.3	98.3	0.7	1.7	0.284	0.229
1809.0	...	67.3	...	34.4	...	0.559	...
535.0	580.0	66.2	66.3	35.0	34.1	0.432	0.461
2135.0	2056.0	72.3	61.0	30.1	20.8	1.377	0.873
317.0	295.2	103.6	104.1	0.0	0.0	14.813	9.966
2.0	2.0	91.4	86.5	8.6	13.5	0.952	1.111
111.1	131.0	271.0	279.3	2.2	1.1	1.406	1.487
28.0	41.6	1294.2	861.8	0.0	0.3	1.081	1.594
26.5	34.9	147.6	134.4	7.4	18.1	0.831	0.865
35.0	33.9	103.2	115.2	0.3	1.9	1.331	1.069
117.5	122.6	103.1	108.1	1.0	1.8	1.263	1.245
26.4	...	100.0	...	0.0	...	0.974	...
41.7	75.5	113.3	127.6	0.6	2.2	1.448	1.334
47.8	54.2	85.3	80.7	14.7	19.3	1.671	1.705
36.4	14.0	93.0	365.1	8.0	40.1	1.555	0.513
28.9	35.8	92.2	75.8	16.1	26.1	2.126	2.632
11.0	20.3	1488.5	1118.7	15.1	7.0	0.568	0.990
6135.0	6904.0	149.9	147.0	62.5	54.3	0.894	0.901

CANADA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Petroleum refineries (353)								
Distillate fuel oils (019; kg)	962.9	1043.7	91.8	100.9	10.9	0.4	1.731	1.660
Residual fuel oils (022; kg)	813.6	757.3	89.2	103.8	26.0	6.9	1.419	1.430
Iron & steel (371)								
Wire rods (028; kg)	29.2	33.6	69.0	106.6	26.9	22.2	0.868	1.097
Angles, shapes, sections, 110 mm or more (036; kg) f/	34.8	30.4	71.3	90.9	28.7	24.4	1.234	1.111
Angles, shapes, sections, under 80 mm (037; kg) f/	8.5	7.9	69.3	81.3	30.7	18.7	0.127	0.121
Plates (heavy), over 4.75 mm (040; kg) g/	52.3	60.0	92.6	86.2	20.2	21.4	0.924	1.124
Tubes, seamless (076; kg) h/	50.7	42.5	96.3	110.8	19.9	19.2	1.416	1.187
Non-ferrous metals (372)								
Copper, refined, unwrought (004; g)	10389.0	9475.0	217.0	221.7	7.6	7.7	1.224	1.120
Lead, refined, unwrought (037; g)	2662.0	2647.0	324.3	301.7	10.0	2.6	0.560	0.543
Zinc, unwrought (043; g)	4686.0	5672.0	413.9	369.6	5.0	4.6	0.846	1.120

a/ For second period: 1976 and 1977.

b/ For first period: 1971 and 1972.

c/ Estimates.

d/ Production data include additional related products.

e/ For second period: 1977 and 1978.

f/ For first period: 1970 and 1971.

g/ All data include medium plate, S to 4.75 mm (ISIC 371043).

h/ All data include welded tubes (ISIC 371079).

CANADA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	166.0	-32.4	-7.5	-26.1	13.2
Chemicals (5)	117.9	-9.9	3.1	-11.0	18.4
Manufactured goods classified chiefly by material (6)	171.1	-24.2	-22.4	-24.5	11.0
Machinery and transport equipment (7)	169.6	-39.8	0.0	-29.9	13.9
Miscellaneous manufactured articles (8)	165.9	-38.3	5.8	-33.4	14.2
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	134.4	-31.7	0.1	-2.9	13.0
Rubber manufactures, n.e.s. (62)	46.6	-2.9	0.1	56.2	25.4
Wood and cork manufactures, excluding furniture (63)	127.2	-48.7	8.6	12.9	19.9
Paper, paperboard and manufactures thereof (64)	150.4	-23.2	-8.1	-18.5	11.7
Textile yarn, fabrics, made-up articles and related products (65)	...	...	...	...	...
Non-metallic mineral manufactures, n.e.s. (66)	126.9	-52.6	12.1	13.6	22.4
Iron and steel (67)	120.0	-18.3	0.1	-1.8	14.6
Non-ferrous metals (68) g/	196.7	-18.5	-30.6	-47.6	10.2
Manufactures of metal, n.e.s. (69)	120.0	-38.1	6.1	11.9	16.5
Machinery, other than electric (71)	136.1	-23.3	6.7	-19.4	15.0
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	171.9	-45.5	-3.3	-23.1	14.4
Clothing and footwear (84, 85)	...	...	...	...	...

g/ Trade effects and rate of growth were estimated using data for the years 1972 and 1978.

CHILE

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
Food products (311/2)	12.2	12.1	0.96	0.91	0.437	0.441
Beverages (313)	1.4	2.0	0.59	0.77	0.588	0.587
Tobacco (314)	1.1	1.6	0.98	1.56	0.805	0.863
Textiles (321)	6.7	4.8	1.34	1.09	0.583	0.570
Wearing apparel (322)	1.0	0.8	0.36	0.32	0.500	0.558
Leather and fur products (323)	0.8	0.5	1.06	1.18	0.475	0.428
Footwear (324)	1.4	1.1	1.74	2.09	0.598	0.655
Wood and cork products (331)	2.6	1.7	0.66	0.44	0.557	0.655
Furniture and fixtures excluding metal (332)	0.6	0.3	0.24	0.12	0.611	0.642
Paper (341)	2.7	3.5	0.61	0.83	0.490	0.494
Printing and publishing (342)	3.3	1.6	0.60	0.32	0.629	0.675
Industrial chemicals (351)	4.4	2.8	0.97	0.50	0.463	0.672
Other chemicals (352)	5.1	6.2	1.42	1.48	0.589	0.638
Petroleum refineries (353)	10.5	12.9	7.65	9.16	0.415	0.269
Miscellaneous products of petroleum and coal (354)	0.3	0.4	0.52	0.80	0.214	0.531
Rubber products (355)	2.2	1.5	1.83	1.22	0.562	0.537
Plastic products (356)	1.0	0.8 ^{b/}	0.68	0.43 ^{b/}	0.698	0.651
Pottery, china and earthenware (361)	0.9	1.1	2.04	2.62	0.800	0.600
Glass (362)	0.5	0.6	0.60	0.71	0.594	0.373
Other non-metallic mineral products (369)	2.0	1.8	0.55	0.51	0.620	0.582
Iron and steel (371)	6.1	4.9	1.34	1.17	0.685	0.414
Non-ferrous metals (372)	11.5	19.2	6.34	9.75	0.742	0.500
Metal products, excluding machinery (381)	4.8	4.5	0.64	0.61	0.563	0.675
Non-electrical machinery (382)	2.9	2.2	0.35	0.28	0.612	0.599
Electrical machinery (383)	4.8	4.5	0.71	0.59	0.573	0.608
Transport equipment (384)	8.5	6.3	1.18	0.88	0.516	0.613
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.1 ^{b/}	0.07	0.09 ^{b/}	0.600	0.511

^{a/} Relative to all small countries with ample resources and industrial orientation.^{b/} Estimated.

CHILE

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group g/
1.07	0.97	0.81
0.65	0.65	0.65*
1.10	0.91	1.21
1.03	1.17	0.66
0.41	0.42	0.32*
1.28	1.48	0.67
1.20	2.35	1.38
1.41	1.72	0.88
0.45*	0.60	0.36*
2.21	2.03	1.82*
1.53	1.41	1.34
2.06	1.99	0.98
2.81*	1.87	1.09
7.53*	4.36 ^a	4.92**
1.70	1.40	6.03*
2.16	1.78	1.82
1.19	0.96	1.07
3.78*	5.13*	2.73*
1.67	1.86	1.32
0.80	0.86	0.68*
2.82*	3.26*	5.21*
25.49**	39.68**	21.94**
1.38	1.45	0.90
2.03	2.41	2.14*
1.90	1.75	1.09
2.57	2.23	1.55
0.31*	0.36	1.04
0.49	0.70	0.98
1.50	1.84*	1.17

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg) a/
- | Milk and cream, condensed (201;g) a/
- | Milk and cream, dried (204;g) a/
- | Butter (207;g) a/
- | Cheese (210;g) a/
- | Fish, tinned (407;g) a/
- | Flour, wheat (601;kg) a/
- | Raw sugar (801;kg) b/
- | Refined sugar (804;kg) a/

Vegetable oils (311)

- | Oil, olive (528 and 531;kg) c/ a/
- | Oils, other, of vegetable origin (534 & 537;kg) c/ a/

Textiles (321)

- | Cotton yarn, pure and mixed (109;g) c/ d/
- | Cotton woven fabrics (128;g) c/ b/

Pulp and paper (341)

- | Wood pulp, mechanical (101;kg) a/
- | Wood pulp, sulphate and soda (110;kg) a/
- | Newsprint (119;kg) a/
- | Other printing and writing paper (122;kg) a/

Industrial chemicals (351)

- | Chlorine (145;kg) a/ a/
- | Sulphuric acid (147;kg) a/
- | Caustic soda (159;kg) a/
- | Nitrogenous fertilizers (201;kg) a/
- | Phosphatic fertilizers (204 and 207;kg) a/
- | Potassic fertilizers (210;kg) a/

Petroleum refineries (353)

- | Distillate fuel oils (019;kg) d/ a/
- | Residual fuel oils (022;kg) d/ a/

Iron & steel (371)

- | Wire rods (028;kg) f/
- | Angles, shapes, sections, under 80 mm (037;kg) d/

IMPORTATION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1977	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
18.1	8.2	86.1	97.8	13.9	2.5	0.590	0.241
2062.0	894.0	83.2	99.6	16.8	6.1	0.535	0.281
4435.0	3584.0	67.1	89.3	33.6	11.8	1.103	0.776
1501.0	646.0	41.5	62.7	58.5	37.3	0.374	0.168
1948.0	1154.0	98.4	96.4	1.6	3.6	0.305	0.146
1016.0	1010.0	97.7	108.2	2.5	5.6	0.608	0.583
91.9	48.2	98.8	98.6	1.2	1.4	1.555	0.827
24.0	39.0	83.2	65.6	16.8	34.4	0.603	0.907
39.0	30.4	82.8	101.8	17.2	1.2	0.956	0.868
0.1	0.1	94.4	102.1	5.6	3.5	0.007	0.007
1.7	12.3	65.7	89.1	14.3	10.1	1.158	1.519
3096.0	...	100.0	...	0.0	...	0.704	...
1731.0	819.0	99.9	100.0	0.1	0.0	0.833	0.267
11.7	36.0	99.6	100.7	0.4	0.0	0.547	1.208
13.3	15.2	187.9	272.6	0.5	0.0	0.168	0.170
5.6	3.9	210.4	321.4	0.7	0.3	0.216	0.149
4.4	4.6	90.1	94.9	10.0	8.6	0.138	0.113
2.1	2.3	99.6	100.0	0.4	0.0	0.080	0.072
46.2	12.5	100.0	100.0	0.0	0.0	0.497	0.127
2.8	3.0	59.3	95.3	40.7	4.7	0.098	0.098
16.7	10.2	70.5	91.4	30.1	21.3	0.759	0.374
13.5	4.9	8.6	19.2	91.4	80.8	0.993	0.380
6.1	3.0	30.4	42.6	69.6	57.4	0.326	0.146
80.1	81.6	94.1	100.5	5.9	3.0	0.144	0.131
209.5	146.9	83.9	100.1	16.1	0.0	0.365	0.277
5.8	...	99.9	...	0.1	...	0.157	...
8.3	...	98.7	...	1.3	...	0.124	...

CHILE

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g) a/	...	3116.0	...	1911.7	...	0.0	...	0.358
Aluminium, unwrought (022;g) a/	416.0	254.0	0.0	0.0	100.0	100.0	0.028	0.014
Zinc, unwrought (043;g)	455.0	...	0.0	...	100.0	...	0.092	...
Tin, unwrought (045;g) a/	76.0	30.0	0.0	0.0	100.0	100.0	0.322	0.124

- a/ For second period: 1976 and 1977.
b/ For second period: 1976 only.
c/ Estimates.
d/ For first period: 1971 and 1972.
e/ For first period: 1971 only.
f/ For first period: 1970 and 1972.

CHILE

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1971 AND 1977
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1977
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	...	...	...	...	...
Chemicals (5)	69.9	-0.9	-7.2	38.2	26.9
Manufactured goods classified chiefly by material (6)	193.2	-16.1	-90.4	13.3	11.2
Machinery and transport equipment (7)	79.2	-7.1	1.8	26.1	23.3
Miscellaneous manufactured articles (8)	39.4	-6.3	-5.9	72.8	35.4
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (51)	0.2	-0.0	0.1	99.7	207.8
Rubber manufactures, n.e.s. (62)	4.0	0.7	0.0	95.3	95.0
Wood and cork manufactures, excluding furniture (63)	1.0	-0.2	0.1	99.1	142.7
Paper, paperboard and manufactures thereof (64)	87.1	-9.1	-4.5	26.5	19.2
Textile yarn, fabrics, made-up articles and related products (65)	22.7	-9.6	-2.8	89.7	37.3
Non-metallic mineral manufactures, n.e.s. (66)	7.1	-0.1	-0.7	93.7	80.4
Iron and steel (67)	65.4	-23.2	3.3	54.5	23.7
Non-ferrous metals (68)	172.6	-17.6	-59.0	4.0	10.1
Manufactures of metal, n.e.s. (69)	20.0	-2.3	-2.7	85.0	52.3
Machinery, other than electric (71)	34.5	-5.2	-0.0	70.7	35.3
Electrical machinery, apparatus and appliances (72)	119.9	-16.3	-1.3	-2.3	20.3
Transport equipment (73)	136.0	-4.9	0.5	-31.6	16.7
Clothing and footwear (84, 85)	0.6	-0.2	-0.0	99.5	229.3

COLOMBIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)	
	1970	1978
Food products (311/2)	12.5	14.1
Beverages (313)	13.1	13.8
Tobacco (314)	3.1	3.1
Textiles (321)	14.0	12.9
Wearing apparel (322)	3.3	2.5
Leather and fur products (323)	0.8	0.7
Footwear (324)	0.8	0.6
Wood and cork products (331)	1.2	1.1
Furniture and fixtures excluding metal (332)	0.5	0.5
Paper (341)	3.1	3.0
Printing and publishing (342)	2.7	2.3
Industrial chemicals (351)	5.4	5.4
Other chemicals (352)	6.8	6.8
Petroleum refineries (353)	5.5	3.8
Miscellaneous products of petroleum and coal (354)	0.1	0.1
Rubber products (355)	2.0	2.4
Plastic products (356)	1.3	1.3 b/
Pottery, china and earthenware (361)	0.5	0.5
Glass (362)	1.1	1.1
Other non-metallic mineral products (369)	4.0	3.9
Iron and steel (371)	3.6	2.5
Non-ferrous metals (372)	0.5	0.4
Metal products, excluding machinery (381)	3.9	5.0
Non-electrical machinery (382)	2.0	2.5
Electrical machinery (383)	2.1	2.7
Transport equipment (384)	4.8	6.1
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.3 b/

a/ Relative to all large countries.

b/ Estimated.

Relative specialization in manufacturing output a/		Ratio of value added to gross output	
1970	1978	1970	1977
1.36	1.58	0.262	0.269
6.51	6.50	0.664	0.594
3.10	3.22	0.736	0.712
2.61	2.78	0.456	0.483
1.19	0.95	0.410	0.447
1.78	1.80	0.342	0.346
1.06	1.00	0.443	0.444
0.56	0.57	0.447	0.577
0.31	0.28	0.552	0.497
0.86	0.87	0.341	0.473
0.60	0.59	0.545	0.537
1.15	0.96	0.408	0.412
1.70	1.45	0.487	0.474
2.43	1.68	0.359	0.560
0.35	0.25	0.333	0.421
1.31	1.62	0.461	0.473
0.83	0.60 b/	0.449	0.410
1.00	1.05	0.632	0.571
1.22	1.10	0.622	0.519
1.30	1.31	0.537	0.497
0.54	0.43	0.469	0.486
0.30	0.21	0.365	0.377
0.56	0.74	0.459	0.452
0.18	0.24	0.501	0.482
0.26	0.29	0.403	0.470
0.49	0.59	0.292	0.360
0.10	0.16 b/	0.462	0.543

COLOMBIA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.85	0.81	0.90
Beverages (313)	4.05*	4.14*	3.07*
Tobacco (314)	1.48	1.23	1.07
Textiles (321)	1.33	1.34	1.32
Wearing apparel (322)	1.27	1.46	1.12
Leather and fur products (323)	1.22	1.46	1.21
Footwear (324)	0.75	0.98	1.05
Wood and cork products (331)	0.59	0.71	0.58
Furniture and fixtures excluding metal (332)	0.53	0.71	0.61
Paper (341)	1.89	1.70	1.91
Printing and publishing (342)	1.48	1.34	1.43
Industrial chemicals (351)	2.58	2.57	2.41
Other chemicals (352)	2.30*	1.59	1.87*
Petroleum refineries (353)	2.37	1.66	1.66
Miscellaneous products of petroleum and coal (354)	0.30	0.26	0.14**
Rubber products (355)	1.95	1.54	1.69
Plastic products (356)	1.61	1.36	1.67
Pottery, china and earthenware (361)	1.41	1.77	1.34
Glass (362)	2.01	2.09	1.14
Other non-metallic mineral products (369)	1.24	1.34	1.14
Iron and steel (371)	1.10	1.10	
Non-ferrous metals (372)	0.47	0.57	
Metal products, excluding machinery (381)	1.13	1.16	0.5
Non-electrical machinery (382)	1.15	1.25	0.01
Electrical machinery (383)	0.86	0.79	1.07
Transport equipment (384)	1.91	1.71	1.44
Professional and scientific equipment, photographic and optical goods (385)	0.88	1.01	1.29
Other manufactures (390)	0.86	1.09	0.97
Total manufacturing (300)	1.32	1.52	1.30

^{a/} Large countries.

COLOMBIA

INDICATORS OF APPARENT CONSUMPTION

Product (ISIC; unit of measurement)

Food products (311)

| Beef and veal, fresh (101;kg)
| Milk and cream, condensed (201;g) a/ b/
| Milk and cream, dried (204;g)
| Butter (207;g) c/
| Cheese (210;g)
| Vegetables, tinned or bottled (322;g) d/
| Fish, tinned (407;g)
| Margarine, imitation lard, etc. (501;g) d/
| Flour, wheat (601;kg) d/ e/
| Meal and groats of all cereals (604;kg) d/
| Flour, cereal, other than wheat (607;kg) d/
| Bread, ships' biscuits, etc. (704;kg) d/
| Raw sugar (801;kg)
| Refined sugar (804;kg) d/ e/
| Prepared animal feeds (312201;kg) d/

Vegetable oils (311)

| Oil, soya bean (510 and 513;kg) f/
| Oil, cotton seed (516 and 519;kg) d/
| Oils, other, of vegetable origin (534 & 537;kg) f/

Textiles (321)

| Wool yarn, pure and mixed (103;g) d/ e/
| Cotton yarn, pure and mixed (109;g) d/ e/
| Woollen woven fabrics (134;g) f/ d/

Pulp and paper (341)

| Wood pulp, mechanical (101;kg) g/
| Pulp of fibres other than wood (104;kg)
| Wood pulp, sulphate and soda (110;kg) h/ g/
| Newsprint (119;kg)
| Other printing and writing paper (122;kg)

|||

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
19.2	16.9	104.2	103.4	0.0	0.7	0.625	0.497
210.0	210.0	90.9	95.2	10.3	4.8	0.055	0.086
473.0	894.0	99.2	53.3	2.1	46.7	0.118	0.193
226.0	242.0	99.9	97.5	0.2	2.5	0.056	0.063
1819.0	1481.0	101.8	111.3	0.2	0.1	0.285	0.188
25.0	...	90.2	...	10.9	...	0.002	...
209.0	600.0	33.3	8.0	56.7	92.0	0.125	0.347
3105.0	...	100.0	...	0.0	...	0.535	...
11.8	9.6	98.3	99.8	2.0	0.2	0.200	0.167
1.6	...	100.0	...	0.0	...	0.086	...
2.9	...	98.0	...	2.0	...	0.403	...
2.7	...	100.0	...	0.0	...	0.099	...
27.4	34.9	125.6	106.9	0.0	1.3	0.688	0.812
7.7	5.7	101.0	100.0	0.0	0.0	0.191	0.139
25.1	...	99.9	...	0.1	...	0.179	...
0.4	...	94.2	...	36.7	...	0.030	...
0.3	...	99.8	...	0.2	...	0.111	...
0.8	...	93.9	...	6.3	...	0.079	...
113.0	41.0	100.1	100.1	0.0	0.0	0.043	0.021
145.0	1701.0	245.3	129.3	0.0	0.0	0.033	0.394
105.0	...	98.0	...	4.2	...	0.085	...
2.7	...	95.5	...	4.5	...	0.126	...
32.9	2.9	100.0	99.9	0.0	0.1	15.667	1.011
2.7	4.2	51.9	75.4	48.1	24.6	0.034	0.047
5.5	...	51.0	...	49.0	...	0.212	...
2.5	2.8	89.8	86.1	15.5	15.3	0.078	0.069

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1972	1976-1978	1970-1972	1976-1978
Industrial chemicals(351)								
Methanol(methyl alcohol)(121:g)	814.0	195.0	0.0	0.0	0.0	100.0	100.0	0.097
Chlorine(145:kg) s/	0.3	0.3	104.2	92.1	0.31	7.9	0.011	0.009
Sulphuric acid(147:kg) d/ s/	2.0	2.0	100.6	100.0	0.0	0.0	0.022	0.020
Nitric acid(149:kg) d/ s/	2.3	0.8	100.0	100.0	0.0	0.0	0.085	0.026
Ammonia(158:kg) d/	5.1	...	119.3	...	4.5	...	0.172	...
Caulic soda(159:kg)	3.0	2.1	76.3	78.4	27.1	24.6	0.105	0.068
Calcium carbide(173:kg) d/ s/	0.5	0.5	100.0	119.6	0.0	0.0	0.076	0.161
Dyestuffs, synthetic(174:g)	83.0	83.0	0.0	0.0	100.0	100.0	0.154	0.151
Nitrogenous fertilizers(201:kg)	4.8	7.4	65.5	36.6	34.5	67.0	0.218	0.271
Phosphatic fertilizers(204 and 207:kg) s/	2.6	1.9	36.8	70.6	63.2	43.6	0.164	0.140
Potassic fertilizers(210:kg) s/	1.6	1.2	0.0	0.0	100.0	100.0	0.086	0.059
Insecticides, fungic., disinfect., etc.(216:g) d/	1044.0	...	96.0	...	9.6	...	0.493	...
Paraffin refinery(352)								
Distillate fuel oils(019:kg) J/	42.7	42.5	115.9	99.9	1.6	0.1	0.077	0.068
Residual fuel oils(022:kg)	54.2	62.0	223.9	181.1	0.1	0.7	0.095	0.117
IRON & STEEL(321)								
Other ferro-alloys(013:kg)	0.1	0.1	0.0	0.0	100.0	100.0	0.011	0.010
Angles, shapes, sections, 80 mm or more(036:kg)	0.3	0.2	0.0	0.0	100.0	100.0	0.011	0.008
Angles, shapes, sections, under 80 mm(037:kg)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Plates(heavy), over 4.75 mm(040:kg)	0.1	1.1	0.0	0.0	100.0	100.0	0.002	0.027
Tubes, seamless(076:kg)	0.8	0.5	0.0	0.0	100.0	100.0	0.009	0.046
NON-FERROUS METALS(222)								
Aluminium, unwrought(022:g)	434.0	601.0	0.0	0.0	100.0	100.0	0.029	0.032
Zinc, unwrought(042:g) J/	318.0	..	0.8	...	99.2	...	0.057	...
Tin, unwrought(049:g)	12.0	15.0	0.0	0.0	100.0	100.0	0.051	0.062

s/ Trade data for 1977 refer only to trade with OECD countries.

b/ For second period: 1977 only.

s/ For second period: 1976 and 1977.

d/ For first period: 1970 and 1972.

s/ For second period: 1976 only.

f/ Estimates.

g/ For first period: 1970 only.

h/ Trade data for 1970 refer only to trade with OECD countries.

i/ For second period: 1976 and 1978.

j/ For first period: 1972 only.

COLOMBIA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	64.0	-11.8	2.4	45.3	30.0
Chemicals (5)	80.8	-8.4	-5.8	33.1	26.9
Manufactured goods classified chiefly by material (6)	110.1	-27.6	22.6	-5.1	22.4
Machinery and transport equipment (7)	49.2	-1.8	-3.6	56.2	36.1
Miscellaneous manufactured articles (8)	23.2	-4.8	-1.2	82.8	51.9
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61) a/	136.3	-29.9	-4.3	-3.1	15.2
Rubber manufactures, n.e.s. (62)	149.5	15.1	1.7	-66.4	10.2
Wood and cork manufactures, excluding furniture (63)	151.6	-51.8	-3.8	4.0	12.8
Paper, paperboard and manufactures thereof (64)	19.9	-3.6	1.0	82.6	38.0
Textile yarn, fabrics, made-up articles and related products (65)	43.0	-16.9	3.6	70.3	28.6
Non-metallic mineral manufactures, n.e.s. (66) a/	76.2	-11.7	5.5	30.0	24.1
Iron and steel (67)	27.0	9.4	4.3	59.3	34.7
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	59.5	-15.4	-5.2	61.1	33.8
Machinery, other than electric (71)	39.7	-5.6	0.7	65.2	30.9
Electrical machinery, apparatus and appliances (72)	44.2	-5.3	-1.3	63.5	35.0
Transport equipment (73)	121.5	16.8	-22.3	-16.0	53.4
Clothing and footwear (84, 85)	17.8	-3.1	-0.6	85.9	66.2

a/ Trade effects were estimated using data for the years 1970-1971 and 1976-1977. The rate of growth relates to 1970-1977.

COSTA RICA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1977 ^{b/}	1970	1977	1970	1977
Food products (311/2)	38.7	37.8	3.03	2.85	...	0.190
Beverages (313)	5.3	5.2	2.20	2.01	...	0.626
Tobacco (314)	2.9	2.1	2.59	2.08	...	0.676
Textiles (321)	3.4	3.6	0.68	0.80	...	0.401
Wearing apparel (322)	3.9	3.8	1.41	1.55	...	0.305
Leather and fur products (323)	0.9	0.6	1.81	1.64	...	0.403
Footwear (324)	1.5	1.8	1.80	3.33	...	0.404
Wood and cork products (331)	5.4	10.4	1.34	2.70	...	0.420
Furniture and fixtures excluding metal (332)	3.2	4.7	1.36	2.03	...	0.468
Paper (341)	0.5	1.9	0.12	0.44	...	0.223
Printing and publishing (342)	2.7	1.8	0.49	0.34	...	0.445
Industrial chemicals (351)	4.3	6.2	0.94	1.12	...	0.212
Other chemicals (352)	4.5	1.5	1.27	0.37	...	0.338
Petroleum refineries (353)	2.9	2.3	2.08	1.64	...	0.256
Miscellaneous products of petroleum and coal (354)	-	-	-	-	...	-
Rubber products (355)	2.5	3.7	2.08	3.09	...	0.359
Plastic products (356)	2.6	2.0	1.86	1.10	...	0.331
Pottery, china and earthenware (361)	0.1	0.1	0.24	0.34	...	0.409
Glass (362)	0.8	0.6	0.93	0.64	...	0.250
Other non-metallic mineral products (369)	3.4	1.8	0.94	0.51	...	0.493
Iron and steel (371)	0.9	0.2	0.20	0.05	...	0.320 ^{c/}
Non-ferrous metals (372)	0.1	0.0	0.03	0.00	...	0.042 ^{c/}
Metal products, excluding machinery (381)	2.3	1.8	0.31	0.24	...	0.251
Non-electrical machinery (382)	1.9	1.1	0.23	0.13	...	0.282
Electrical machinery (383)	1.3	1.6	0.20	0.21	...	0.261
Transport equipment (384)	2.5	3.0	0.34	0.42	...	0.406
Professional and scientific equipment, photographic and optical goods (385)	0.9	0.3	0.75	0.21	...	0.360 ^{d/}

^{a/} Relative to all small countries with ample resources and industrial orientation.

^{b/} At current prices.

^{c/} 1975.

^{d/} Including ISIC 390.

COSTA RICA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

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a/ Small countries with ample resources and industrial orientation.

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group g/
2.10*	1.80	2.19**
1.11	1.06	0.77
1.31	1.29	0.71
0.96	1.17	1.11
1.08	0.94	0.91
1.17	1.21	0.91
1.30	1.28	1.23
2.48	2.51	3.60**
1.76	1.82	1.59
0.52	0.51	0.51*
1.12	1.08	0.96
2.71*	2.68	2.06*
2.21*	2.01	1.62*
0.92	0.88	1.59
-	-	-
2.75*	3.36*	0.70
2.51*	2.43*	1.86*
0.37	0.47	0.40*
2.01	2.77	1.07
0.96	1.00	0.92
0.78	1.23	0.60
0.11*	0.22	0.08**
0.65	0.70	0.48*
1.37	1.63	0.94
0.87	0.93	0.61*
1.37	1.42	0.71
2.75	2.49	3.91*
0.37	0.49	0.36*
1.56	1.89*	0.92

COSTA RICA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	77.3	-9.0	0.7	31.1	20.1
Chemicals (5)	83.7	-14.9	-7.0	38.2	22.6
Manufactured goods classified chiefly by material (6)	69.2	-2.3	4.1	28.9	19.2
Machinery and transport equipment (7)	75.5	-6.5	6.5	24.6	22.4
Miscellaneous manufactured articles (8)	87.7	-15.6	1.7	28.1	17.9
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	21.5	5.9	-1.2	73.8	32.0
Rubber manufactures, n.e.s. (62) g/	118.9	-24.3	0.7	4.7	19.3
Wood and cork manufactures, excluding furniture (63)	107.6	-1.1	-2.4	-4.1	19.1
Paper, paperboard and manufactures thereof (64)	112.2	-6.7	27.0	-32.5	13.2
Textile yarn, fabrics, made-up articles and related products (65)	46.2	-3.0	1.3	55.5	15.5
Non-metallic mineral manufactures, n.e.s. (66)	26.0	3.3	2.2	68.5	41.8
Iron and steel (67)	50.5	9.0	-4.6	45.0	25.8
Non-ferrous metals (68)	17.3	-2.1	11.5	73.3	27.8
Manufactures of metal, n.e.s. (69)	115.3	-27.2	-10.7	22.8	19.4
Machinery, other than electric (71)	82.0	-11.4	8.8	22.5	21.5
Electrical machinery, apparatus and appliances (72)	87.3	-6.4	-3.0	22.2	22.2
Transport equipment (73)	22.9	6.9	1.6	68.5	39.8
Clothing and footwear (84, 85)	96.5	-10.8	-0.9	15.2	15.7

g/ Trade effects and rate of growth were estimated using data for the years 1970 and 1976.

CYPRUS

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
Food products (311/2)	17.0	11.3	1.50	0.86	0.228	0.280
Beverages (313)	11.4	9.0	2.40	1.84	0.481	0.392
Tobacco (314)	1.4	3.0	0.49	0.96	0.277	0.354
Textiles (321)	3.8	4.6	0.63	0.77	0.470	0.398
Wearing apparel (322)	10.3	14.6	2.77	3.95	0.490	0.404
Leather and fur products (323)	1.0	1.4	1.54	1.81	0.325	0.365
Footwear (324)	5.1	7.8	4.64	5.54	0.426	0.404
Wood and cork products (331)	2.0	2.3	1.24	1.33	0.410	0.462
Furniture and fixtures excluding metal (332)	10.6	4.1	6.62	2.48	0.487	0.511
Paper (341)	1.1	2.0	0.43	0.75	0.322	0.368
Printing and publishing (342)	4.7	4.6	2.10	2.23	0.574	0.463
Industrial chemicals (351)	0.4	0.5	0.20	0.29	0.543	0.435
Other chemicals (352)	2.3	3.2	0.45	0.58	0.421	0.339
Petroleum refineries (353)	-	3.7	-	0.14	-	0.063
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	0.6	0.8	0.45	0.69	0.474	0.321
Plastic products (356)	1.4	0.7	1.39	0.37	0.439	0.399
Pottery, china and earthenware (361)	0.6	0.3	2.74	1.51	0.833	0.783
Glass (362)	0.0	0.0 ^{b/}	0.01	0.01 ^{b/}	0.333	0.471
Other non-metallic mineral products (369)	9.3	14.7	2.79	3.72	0.597	0.464
Iron and steel (371)	-	-	-	-	-	-
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	7.2	5.2	2.11	1.47	0.428	0.361
Non-electrical machinery (382)	3.5	2.0	2.72	1.18	0.620	0.550
Electrical machinery (383)	1.8	1.4	1.02	0.66	0.553	0.488
Transport equipment (384)	2.2	1.3	0.71	0.33	0.608	0.539
Professional and scientific equipment, photographic and optical goods (385)	1.9	1.1	29.15	5.95	0.733	...

^{a/} Relative to all small countries with ample resources and primary orientation.

^{b/} Estimated.

CYPRUS

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group g/
Food products (311/2)	0.65	0.54	0.67
Beverages (313)	1.48	1.39	1.48
Tobacco (314)	0.80	0.82	1.21
Textiles (321)	1.24	1.53	3.67*
Wearing apparel (322)	2.13	1.57	1.21
Leather and fur products (323)	1.43	1.33	2.37*
Footwear (324)	3.45*	2.78	4.08*
Wood and cork products (331)	0.65	0.62	0.46
Furniture and fixtures excluding metal (332)	2.34*	2.16	1.78
Paper (341)	0.75	0.80	0.95
Printing and publishing (342)	1.31	1.38	0.80
Industrial chemicals (351)	0.22*	0.21*	0.37*
Other chemicals (352)	1.15	1.15	1.39
Petroleum refineries (353)	0.89	0.63	0.34
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.77	1.07	1.09
Plastic products (356)	0.97	1.00	1.85*
Pottery, china and earthenware (361)	1.16	1.37	0.91
Glass (362)	0.03***	0.04**	0.08**
Other non-metallic mineral products (369)	2.71*	2.74*	2.90*
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	1.33	1.46	1.21
Non-electrical machinery (382)	1.97	2.41	2.06
Electrical machinery (383)	0.94	1.05	1.05
Transport equipment (384)	0.94	0.97	0.88
Professional and scientific equipment, photographic and optical goods (385)	4.79*	3.93*	2.18*
Other manufactures (390)	0.28*	0.37	0.33*
Total manufacturing (300)	1.32	1.66	1.71

g/ Small countries with ample resources and primary orientation.

CZECOSLOVAKIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
	Food products (311/2)	7.5	6.2	0.56	0.61	0.142	0.225
Beverages (313)	1.9	1.5	0.89	0.86	0.258	0.397
Tobacco (314)	0.2	0.2	0.45	0.54	0.173	0.271
Textiles (321)	6.5	5.8	0.87	0.93	0.348	0.444
Wearing apparel (322)	1.7	1.5	0.33	0.35	0.373	0.389
Leather and fur products (323)	0.6	0.5	0.75	0.88	0.297	0.306
Footwear (324)	1.9	1.7	1.05	1.24	0.369	0.413
Wood and cork products (331)	2.3	2.3	1.11	1.45	0.385	0.448
Furniture and fixtures excluding metal (332)	1.1	1.3	0.83	0.92	0.376	0.421
Paper (341)	2.0	1.9	1.75	1.92	0.297	0.452
Printing and publishing (342)	1.0	0.8	0.95	0.92	0.478	0.525
Industrial chemicals (351)	6.0	7.1	1.19	1.22	0.271	0.350
Other chemicals (352)	1.4	1.6	1.41	1.46	0.213	0.360
Petroleum refineries (353)	2.1	2.2	1.60	1.49	0.245	0.269
Miscellaneous products of petroleum and coal (354)	0.4	0.3	0.47	0.42	0.078	0.324
Rubber products (355)	1.3	1.4	1.14	1.27	0.311	0.377
Plastic products (356)	...	...	...	...	...	0.455
Pottery, china and earthenware (361)	0.3	0.2	0.38	0.28	0.534	0.750
Glass (362)	2.5	2.4	2.94	2.47	0.560	0.699
Other non-metallic mineral products (369)	4.6	4.3	0.88	0.94	0.447	0.626
Iron and steel (371)	14.4	12.4	2.31	2.50	0.297	0.432
Non-ferrous metals (372)	2.5	2.1	0.87	0.81	0.188	0.281
Metal products, excluding machinery (381)	3.2	3.2	0.77	0.79	0.391	0.417
Non-electrical machinery (382)	18.0	20.3	1.38	1.47	0.472	0.564
Electrical machinery (383)	4.5	6.0	0.80	0.79	0.385	0.449
Transport equipment (384)	8.1	7.9	1.04	0.89	0.351	0.467
Professional and scientific equipment, photographic and optical goods (385)	3.0	3.7	1.25	1.27	0.508	0.601

^{a/} Relative to all centrally planned economies.

CZECHOSLOVAKIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

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Branch (ISIC)	All countries	Developed countries	Comparable country group a/
Food products (311/2)	0.55	0.76	
Beverages (313)	0.66	0.70*	
Tobacco (314)	0.32*	0.34*	
Textiles (321)	0.98	0.90	
Wearing apparel (322)	0.45	0.49*	
Leather and fur products (323)	0.93	0.66	
Footwear (324)	2.14	1.41	
Wood and cork products (331)	1.20	1.02	
Furniture and fixtures excluding metal (332)	0.70	0.56*	
Paper (341)	0.66	1.25	
Printing and publishing (342)	0.29*	0.91	
Industrial chemicals (351)	1.37	1.02	
Other chemicals (352)	0.52	0.94	
Petroleum refineries (353)	1.94	1.01	
Miscellaneous products of petroleum and coal (354)	1.59	1.52	
Rubber products (355)	0.66	0.83	
Plastic products (356)	...	...
Pottery, china and earthenware (361)	0.66	0.44*	
Glass (362)	3.16*	2.53*	
Other non-metallic mineral products (369)	1.36	1.33	
Iron and steel (371)	2.32	1.47	
Non-ferrous metals (372)	2.01	1.28	
Metal products, excluding machinery (381)	0.48*	0.65*	
Non-electrical machinery (382)	2.08	1.38	
Electrical machinery (383)	0.49	0.66*	
Transport equipment (384)	0.79	1.10	
Professional and scientific equipment, photographic and optical goods (385)	1.79	1.16	
Other manufactures (390)	0.60	0.44*	
Total manufacturing (300)	2.64*	1.76**	

a/ Country not assigned to any group due to lack of appropriate data.

DENMARK

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
	Food products (311/2)	16.5	17.7	1.29	1.34	0.239	0.230
Beverages (313)	3.4	3.2	1.42	1.24	0.626	0.622
Tobacco (314)	0.9	0.7	0.81	0.73	0.500	0.525
Textiles (321)	3.8	3.7	0.77	0.83	0.437	0.455
Wearing apparel (322)	3.2	2.1	1.15	0.87	0.477	0.526
Leather and fur products (323)	0.5	0.3	0.95	0.72	0.455	0.469
Footwear (324)	0.5	0.4	0.64	0.76	0.458	0.489
Wood and cork products (331)	1.9	1.7	0.48	0.44	0.472	0.437
Furniture and fixtures excluding metal (332)	3.1	2.8	1.33	1.21	0.523	0.539
Paper (341)	2.6	2.4	0.59	0.58	0.458	0.480
Printing and publishing (342)	11.2	8.5	2.01	1.63	0.654	0.674
Industrial chemicals (351)	2.7	3.2	0.60	0.59	0.518	0.479
Other chemicals (352)	2.9	3.6	0.81	0.86	0.508	0.342 ^{b/}
Petroleum refineries (353)	0.4	0.4	0.32	0.27	0.101	0.050 ^{b/}
Miscellaneous products of petroleum and coal (354)	1.0	0.7	1.65	1.35	0.408	0.179 ^{b/}
Rubber products (355)	0.7	0.7	0.59	0.55	0.500	0.562
Plastic products (356)	1.5	2.0	1.02	1.10	0.500	0.556
Pottery, china and earthenware (361)	0.7	0.7	1.60	1.73	0.895	0.848
Glass (362)	0.7	0.7	0.80	0.75	0.667	0.620
Other non-metallic mineral products (369)	5.9	5.7	1.62	1.65	0.611	0.599
Iron and steel (371)	1.5	1.4	0.34	0.33	0.436	0.460
Non-ferrous metals (372)	0.6	0.6	0.35	0.29	0.195	0.283
Metal products, excluding machinery (381)	6.5	7.1	0.86	0.95	0.494	0.512
Non-electrical machinery (382)	13.5	14.0	1.64	1.75	0.515	0.555
Electrical machinery (383)	5.2	6.2	0.76	0.81	0.482	0.562
Transport equipment (384)	5.1	5.1	0.70	0.72	0.429	0.509
Professional and scientific equipment, photographic and optical goods (385)	1.2	2.6	0.97	2.08	0.622	0.628

^{a/} Relative to all small countries with ample resources and industrial orientation.

^{b/} Estimated.

DENMARK

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

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Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

a/ Small countries with ample resources and industrial orientation.

BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country groups/
1.53	1.47	1.19
1.16	1.25	1.04
0.83	0.79	0.62
1.22	1.24	1.63
0.70	1.04	1.03
0.75	1.15	1.29
0.54	0.96	0.81
0.63	0.67	0.62
1.07	1.33	1.18
0.73	0.46*	0.59
2.09*	1.06	1.42*
0.60	0.88	0.67
0.89	0.71	1.35
0.14*	0.48*	0.59
2.33	2.46	0.55
0.56	0.46*	0.64
0.98	0.80	0.98
2.16	2.37*	2.67*
0.93	0.92	1.03
1.45	1.65*	1.39*
0.36*	0.35*	0.36*
0.39	0.34*	0.28*
0.97	0.85	0.99
2.11	2.00*	1.40
1.05	0.99	1.28
0.79	0.82	0.82
2.37	3.13*	2.31
1.59	1.36	1.42
0.89	0.79	0.75*

DENMARK

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

| Beef and veal, fresh(101;kg)
| Milk and cream, condensed(201;g)
| Milk and cream, dried(204;g)
| Butter(207;g)
| Cheese(210;g)
| Vegetables, tinned or bottled(322;g)
| Fish, tinned(407;g)
| Margarine, imitation lard, etc.(501;g)
| Flour, wheat(601;kg)
| Meal and groats of all cereals(604;kg)
| Flour, cereal, other than wheat(607;kg)
| Bread, ships' biscuits, etc.(704;kg)
| Raw sugar(801;kg)
| Refined sugar(804;kg) g/
| Prepared animal feeds(312201;kg)

Vegetable oils(311)

| Oil, soya bean(510 and 513;kg)
| Oil, groundnut(522 and 525;kg) b/
| Oils, other, of vegetable origin(534 & 537;kg)

Textiles(321)

| Wool yarn, pure and mixed(103;g)
| Cotton yarn, pure and mixed(109;g)
| Cotton woven fabrics(128;g) s/
| Woollen woven fabrics(134;g) s/
| Knitted fabrics(301;g)

Pulp and paper(341)

| Pulp of fibres other than wood(104;kg)
| Other printing and writing paper(122;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
26.8	22.6	153.8	214.2	1.1	1.5	0.873	0.565
754.0	1863.0	629.3	176.1	4.3	46.7	0.196	0.585
7077.0	8079.0	194.1	298.1	70.0	29.7	1.760	1.749
9383.0	9418.0	279.8	285.8	0.0	2.2	2.336	2.449
10577.0	10133.0	229.7	334.3	6.0	7.4	1.656	1.285
5695.0	6125.0	73.7	48.3	36.1	58.9	0.556	0.227
4048.0	3193.0	147.0	210.8	22.4	40.3	2.424	1.843
18587.0	18136.0	100.9	104.6	0.0	0.0	3.202	2.875
39.8	41.2	99.4	100.9	1.2	0.2	0.673	0.715
13.9	15.9	33.4	28.1	68.8	73.6	0.743	2.741
27.4	21.6	89.9	101.9	12.6	0.3	3.806	3.789
29.7	34.0	98.0	97.3	3.3	4.0	1.084	1.201
67.9	96.9	98.9	98.0	1.1	2.0	1.708	2.253
51.8	46.2	119.3	189.4	1.7	7.6	1.285	1.130
41.6	74.9	138.6	106.3	4.6	20.3	0.296	0.366
7.4	10.3	232.0	141.2	4.0	7.6	0.548	0.620
0.7	...	54.8	...	53.5	...	0.412	...
7.3	9.2	83.3	69.0	24.1	48.9	0.723	1.136
1360.0	1390.0	50.8	52.6	52.5	51.0	0.515	0.727
1720.0	2380.0	31.7	15.7	69.9	87.7	0.391	0.651
1001.0	1233.0	37.2	26.6	64.0	95.4	0.309	0.402
652.0	302.0	46.9	50.9	77.6	71.6	0.526	0.253
...	1039.0	...	100.3	...	43.6	...	0.441
7.0	6.6	107.2	126.3	0.1	0.0	3.333	3.611
26.6	35.7	51.6	45.4	56.6	68.6	0.634	0.876

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production + Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals (351)								
Chlorine (145;kg)	1.5	2.4	113.2	99.2	0.3	2.0	0.057	0.075
Sulphuric acid (147;kg) ^{a/}	4.7	4.1	76.7	144.3	32.2	19.9	0.051	0.042
Nitric acid (149;kg)	3.2	1.0	12.6	132.6	89.5	5.1	0.118	0.033
Ammonia (158;kg)	41.7	52.6	5.3	5.1	98.5	96.5	1.448	0.929
Caustic soda (159;kg)	11.8	13.6	18.3	20.3	63.6	60.2	0.413	0.443
Nitrogenous fertilizers (201;kg)	37.3	28.5	16.1	19.6	84.0	94.0	1.695	1.044
Phosphatic fertilizers (204 and 207;kg) ^{d/}	26.0	24.6	73.6	69.6	31.7	35.8	1.912	1.809
Potassic fertilizers (210;kg) ^{d/}	36.7	37.3	0.0	0.0	100.0	100.0	1.963	1.820
Insecticides, fungic., disinfect., etc. (216;g)	2355.0	2628.0	116.6	121.7	48.4	68.9	1.113	1.321
Petroleum refineries (352)								
Distillate fuel oils (019;kg)	1292.3	1261.0	49.7	53.7	58.6	65.3	2.323	2.030
Residual fuel oils (022;kg)	1771.8	1260.7	62.4	35.3	57.2	69.0	3.091	2.381
Iron & steel (371)								
Other ferro-alloys (013;kg) ^{a/}	2.5	...	20.4	...	79.7	...	0.281	...
Wire rods (028;kg)	...	15.0	...	3.6	...	97.1	...	0.437
Angles, shapes, sections, 80 mm or more (036;kg)	32.8	26.0	39.7	8.3	62.1	99.3	1.163	1.036
Angles, shapes, sections, under 80 mm (037;kg)	44.4	46.3	76.9	88.2	29.0	17.1	0.662	0.711
Plates (heavy), over 4.75 mm (040;kg)	59.4	55.8	60.4	125.2	79.1	70.4	1.356	1.345
Plates (medium), 3 to 4.75 mm (043;kg)	12.5	...	9.1	...	92.7	...	0.977	...
Tubes, welded (079;kg)	22.9	...	29.6	...	81.5	...	0.946	...
Steel castings in the rough state (085;kg)	2.2	1.6	105.2	101.6	1.9	6.5	0.379	0.314
Steel forgings (088;kg) ^{f/}	0.9	0.6	99.3	105.4	2.6	6.2	0.148	0.109
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g)	531.0	1107.0	15.6	0.7	184.0	115.3	0.063	0.131

^{a/} Production statistics do not provide for complete coverage.

^{b/} For first period: 1971 and 1972.

^{c/} Estimates.

^{d/} For second period: 1976 and 1977.

^{e/} For first period: 1970 and 1971.

^{f/} For second period: 1976 only.

DENMARK

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	111.0	-0.9	9.5	-19.6	17.4
Chemicals (5)	115.1	1.5	-3.7	-12.9	17.5
Manufactured goods classified chiefly by material (6)	89.9	-4.9	7.0	8.0	19.3
Machinery and transport equipment (7)	118.1	-1.4	8.9	-25.6	16.3
Miscellaneous manufactured articles (8)	125.5	3.6	11.8	-41.0	18.0
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	120.8	-7.7	6.9	-20.0	17.0
Rubber manufactures, n.e.s. (62)	105.0	-0.4	-2.2	-3.4	17.5
Wood and cork manufactures, excluding furniture (63)	86.0	0.8	10.9	2.3	22.8
Paper, paperboard and manufactures thereof (64)	82.4	7.7	13.2	-3.3	19.0
Textile yarn, fabrics, made-up articles and related products (65)	121.1	0.0	9.5	-30.6	14.1
Non-metallic mineral manufactures, n.e.s. (66)	115.5	-5.1	-14.3	4.9	21.6
Iron and steel (67)	61.7	-12.7	-2.2	53.2	23.8
Non-ferrous metals (68)	54.2	-5.1	15.8	35.0	20.8
Manufactures of metal, n.e.s. (69)	110.2	-10.9	-2.0	2.6	19.3
Machinery, other than electric (71)	108.1	1.0	7.8	-16.9	17.2
Electrical machinery, apparatus and appliances (72)	142.2	-7.0	-0.6	-34.6	16.6
Transport equipment (73)	117.9	-0.6	20.0	-37.3	13.0
Clothing and footwear (84, 85)	194.9	9.8	9.4	-114.2	12.5

DOMINICAN REPUBLIC

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INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	65.3	55.7	2.53	3.25	0.383	0.292
Beverages (313)	9.0	11.4	1.89	2.03	0.593	0.551
Tobacco (314)	4.5	4.4	1.46	1.32	0.735	0.592
Textiles (321)	2.6	2.5	0.20	0.21	0.558	0.558 b/
Wearing apparel (322)	0.5	0.5	0.09	0.07	0.415	0.184 b/
Leather and fur products (323)	0.4	0.5	0.57	0.72	0.459	0.371
Footwear (324)	0.2	0.7	0.12	0.52	0.668	0.652
Wood and cork products (331)	0.3	0.2	0.13	0.09	0.847	0.875
Furniture and fixtures excluding metal (332)	0.5	0.7	0.34	0.58	0.408	0.646
Paper (341)	1.5	2.1	0.71	0.93	0.297	0.452
Printing and publishing (342)	1.0	1.6	0.36	0.56	0.657	0.468 b/
Industrial chemicals (351)	1.6	2.0	0.70	0.76	0.484	0.401
Other chemicals (352)	2.3	3.2	0.73	0.79	0.496	0.436
Petroleum refineries (353)	-	2.0	-	0.53	-	0.277 c/
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	0.7	0.6	0.50	0.58	0.510	0.376
Plastic products (356)	1.0	1.9	0.41	0.58	0.706	0.455
Pottery, china and earthenware (361)	-	-	-	-	-	-
Glass (362)	0.4	0.5	0.92	1.01	0.543	0.492
Other non-metallic mineral products (369)	4.0	4.6	1.30	1.46	0.627	0.413
Iron and steel (371)	2.9	2.0	1.92	1.19	0.504	0.283 d/
Non-ferrous metals (372)	0.0	0.0 e/	0.01	0.01 e/	0.263	...
Metal products, excluding machinery (381)	0.4	2.0	0.08	0.40	0.335	...
Non-electrical machinery (382)	0.0	0.1	0.01	0.05	0.450	0.229 e/
Electrical machinery (383)	0.5	0.7	0.15	0.10	0.457	...
Transport equipment (384)	-	-	-	-	-	-
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.1 e/	0.10	0.06 e/	0.517 f/	0.500

a/ Relative to all small countries with modest resources.

b/ 1977.

c/ Estimated.

d/ Including ISIC 372 and 381.

e/ Including ISIC 383.

f/ 1971.

DOMINICAN REPUBLIC

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	3.30*	2.92*	3.02*
Beverages (313)	2.27*	2.23	2.46*
Tobacco (314)	2.00	1.87	1.99
Textiles (321)	0.33*	0.37*	0.29*
Wearing apparel (322)	0.16*	0.16*	0.20*
Leather and fur products (323)	0.66	0.73	0.80
Footwear (324)	0.38*	0.43	0.42
Wood and cork products (331)	0.11**	0.12**	0.14*
Furniture and fixtures excluding metal (332)	0.49	0.55	0.65
Paper (341)	1.05	0.98	0.96
Printing and publishing (342)	0.55	0.50*	0.52
Industrial chemicals (351)	1.09	1.10	1.07
Other chemicals (352)	1.07	0.89	0.72
Petroleum refineries (353)	0.47	0.34	0.56
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.64	0.69	0.76
Plastic products (356)	1.27	1.17	0.92
Pottery, china and earthenware (361)	-	-	-
Glass (362)	1.16	1.49	2.62
Other non-metallic mineral products (369)	1.36	1.44	1.61
Iron and steel (371)	1.14	1.55	2.10
Non-ferrous metals (372)	0.05**	0.08*	0.12*
Metal products, excluding machinery (381)	0.36*	0.38*	0.37*
Non-electrical machinery (382)	0.05***	0.05**	0.08**
Electrical machinery (383)	0.30*	0.31*	0.26*
Transport equipment (384)	-	-	-
Professional and scientific equipment, photographic and optical goods (385)	0.20*	0.19*	0.23*
Other manufactures (390)	0.13*	0.16*	0.15*
Total manufacturing (300)	1.59	1.84*	1.45

^{a/} Small countries with modest resources.

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg) a/ b/
- | Milk and cream, condensed(201;g) a/ b/
- | Milk and cream, dried(204;g) a/ b/
- | Butter(207;g) a/ b/
- | Cheese(210;g) a/ b/
- | Vegetables, tinned or bottled(222;g) a/
- | Flour, wheat(601;kg) a/ b/
- | Meal and groats of all cereals(604;kg) a/ b/
- | Flour, cereal, other than wheat(607;kg) a/ b/
- | Bread, ships' biscuits, etc. (704;kg) a/ c/
- | Raw sugar(801;kg) a/ b/
- | Refined sugar(804;kg) a/ b/
- | Prepared animal feeds(212201;kg) a/ b/

Vegetable oil(311)

- | Oil, soya bean(510 and 513;kg) d/ a/ b/
- | Oils, other, of vegetable origin(534 & 537;kg) a/ b/

Textiles(321)

- | Cotton yarn, pure and mixed(109;g) d/ a/ c/
- | Cotton woven fabrics(128;g) d/ a/ c/
- | Knitted fabrics(301;g) a/ c/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg) a/ b/
- | Pulp of fibres other than wood(104;kg) b/
- | Other printing and writing paper(122;kg) a/ c/

Industrial chemicals(351)

- | Methanol(methyl alcohol)(121;g) a/ b/
- | Nitric acid(149;kg) a/ b/
- | Ammonia(158;kg) a/ b/
- | Caustic soda(165;kg) a/ b/
- | Calcium carbide(173;kg) a/ b/
- | Dyestuffs, synthetic(174;g) a/ b/
- | Nitrogenous fertilizers(201;kg) a/ a/
- | Phosphatic fertilizers(204 and 207;kg) a/ a/
- | Potassic fertilizers(210;kg) a/ a/
- | Rubber, synthetic(301;g) a/ b/

Petroleum refineries(352)

- | Distillate fuel oils(015;kg) b/
- | Residual fuel oils(022;kg) b/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
6.3	6.5	122.7	102.7	0.0	0.1	0.205	0.191
609.0	716.0	78.2	64.4	21.8	35.6	0.159	0.226
1501.0	2299.0	39.7	53.7	60.4	46.3	0.373	0.498
200.0	199.0	98.9	98.9	1.1	1.1	0.050	0.052
321.0	294.0	94.7	89.4	6.5	15.4	0.050	0.037
1543.0	...	62.8	...	32.7	...	0.151	...
14.4	16.8	94.0	98.1	6.0	1.9	0.244	0.292
2.4	2.1	95.8	85.0	4.2	15.4	0.126	0.362
0.9	2.3	46.3	55.6	53.7	44.8	0.126	0.404
2.3	12.3	99.5	99.9	0.5	0.1	0.084	0.435
14.4	40.7	1694.0	540.5	0.0	0.0	0.362	0.947
14.7	17.9	100.4	100.2	0.0	0.0	0.365	0.436
12.9	19.3	97.0	99.5	3.0	0.5	0.092	0.094
2.9	9.6	71.2	80.1	28.8	19.9	0.215	0.465
2.7	2.0	75.6	40.5	61.2	81.3	0.267	0.247
3000.0	3200.0	95.0	99.0	5.0	1.0	0.682	0.741
596.0	550.0	34.7	42.1	65.3	58.6	0.184	0.179
43.0	42.0	56.5	76.6	43.5	23.4	0.028	0.018
-	-	0.0	0.0	100.0	100.0	0.000	0.000
...	0.2	...	0.0	...	100.0	...	0.111
1.9	1.3	98.9	95.8	1.1	4.2	0.060	0.032
-	13.0	0.0	0.0	100.0	100.0	0.000	0.001
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000
1.4	2.4	0.0	0.0	100.0	100.0	0.049	0.078
0.1	0.2	0.0	0.0	100.0	100.0	0.015	0.065
50.0	139.0	0.0	0.0	100.0	100.0	0.093	0.253
5.9	6.1	0.0	0.0	100.0	100.0	0.268	0.223
2.8	4.0	0.0	0.0	100.0	100.0	0.206	0.294
3.5	3.7	0.0	0.0	100.0	100.0	0.187	0.180
3.0	13.0	0.0	0.0	100.0	100.0	0.000	0.002
...	69.2	...	96.4	...	1.6	...	0.111
...	78.5	...	94.1	...	5.9	...	0.146

DOMINICAN REPUBLIC

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Iron & steel (371)</u>								
Wire rods (028; kg) a/ b/	0.3	3.5	0.0	0.0	100.0	100.0	0.009	0.114
Angles, shapes, sections, 20 mm or more (036; kg) a/ b/	0.3	0.7	0.0	0.0	100.0	100.0	0.011	0.026
Plates (heavy), over 4.75 mm (040; kg) a/ b/	-	0.1	0.0	0.0	100.0	100.0	0.000	0.002
Tubes, seamless (076; kg) a/ b/	0.6	0.4	0.0	0.0	100.0	100.0	0.052	0.036
<u>Non-ferrous metals (372)</u>								
Aluminium, unwrought (022; g) a/ b/	193.0	206.0	0.0	0.0	100.0	100.0	0.013	0.011
Lead, refined, unwrought (037; g) a/ b/	12.0	33.0	0.0	0.0	100.0	100.0	0.003	0.007
Zinc, unwrought (043; g) a/ b/	95.0	165.0	0.0	0.0	100.0	100.0	0.017	0.033
Tin, unwrought (049; g) a/ b/	1.0	1.0	0.0	0.0	100.0	100.0	0.004	0.004

a/ For first period: 1972 only.

b/ For second period: 1977 and 1978.

c/ For second period: 1977 only.

d/ Estimates.

e/ For second period: 1976 and 1977.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1976
Food products (311/2)	36.9	25.5	1.43	1.49	0.320	0.297
Beverages (313)	3.0	3.7	0.63	0.66	0.530	0.529
Tobacco (314)	0.6	1.7	0.18	0.51	0.243	0.308
Textiles (321)	13.9	12.2	1.05	1.06	0.462	0.478
Wearing apparel (322)	1.5	1.3 ^{b/}	0.29	0.17 ^{b/}	0.400	0.445
Leather and fur products (323)	0.5	0.7	0.74	0.92	0.431	0.395
Footwear (324)	0.1	0.1	0.07	0.10	0.333	0.552
Wood and cork products (331)	2.8	3.8	1.15	1.64	0.571	0.534
Furniture and fixtures excluding metal (332)	1.5	1.7 ^{b/}	0.97	1.49 ^{b/}	0.550	0.695
Paper (341)	4.9	2.6	2.22	1.12	0.214	0.262
Printing and publishing (342)	5.4	4.4	1.87	1.51	0.530	0.496
Industrial chemicals (351)	2.7	1.4	1.33	0.55	0.278	0.379
Other chemicals (352)	5.0	5.1	1.58	1.27	0.513	0.481
Petroleum refineries (353)	3.4	4.1	1.07	1.11	0.230	0.608
Miscellaneous products of petroleum and coal (354)	0.2	0.3	0.13	0.35	0.167	0.292
Rubber products (355)	1.6	2.1	1.27	1.89	0.567	0.509
Plastic products (356)	2.2	3.6	0.92	1.11	0.439	0.405
Pottery, china and earthenware (361)	0.1	0.2	0.43	0.72	0.800	0.639
Glass (362)	0.3	0.6	0.76	1.14	0.119 ^{c/}	0.480
Other non-metallic mineral products (369)	4.8	6.1	1.57	1.97	0.501	0.561
Iron and steel (371)	1.2	1.7	0.80	1.05	0.220	0.328
Non-ferrous metals (372)	-	0.1 ^{b/}	-	0.03 ^{b/}	-	-
Metal products, excluding machinery (381)	3.4	6.6	0.73	1.54	0.418	0.494
Non-electrical machinery (382)	0.2	0.4 ^{b/}	0.11	0.15 ^{b/}	0.500	0.525
Electrical machinery (383)	2.4	7.4	0.66	1.06	0.481	0.415
Transport equipment (384)	0.5	1.0	0.15	0.28	0.306	0.559
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.4	0.38	0.27	0.444	0.374

^{a/} Relative to all small countries with modest resources.

^{b/} Estimated.

^{c/} 1969.

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.63	1.52	1.50
Beverages (313)	0.78	0.77	0.77
Tobacco (314)	0.37*	0.35*	0.39*
Textiles (321)	1.81	1.96	1.40
Wearing apparel (322)	0.50	0.50	0.53
Leather and fur products (323)	0.93	0.99	1.00
Footwear (324)	0.10**	0.10**	0.09**
Wood and cork products (331)	1.27	1.36	1.41
Furniture and fixtures excluding metal (332)	1.02	1.09	1.14
Paper (341)	2.14	2.06	2.30
Printing and publishing (342)	2.11*	2.02*	1.93
Industrial chemicals (351)	1.13	1.14	1.21
Other chemicals (352)	1.71	1.51	1.33
Petroleum refineries (353)	1.15	0.96	1.22
Miscellaneous products of petroleum and coal (354)	0.81	0.81	1.03
Rubber products (355)	1.85	1.94	1.82
Plastic products (356)	3.05*	2.94*	2.46
Pottery, china and earthenware (361)	0.52	0.60	b/
Glass (362)	1.16	1.36	1.77
Other non-metallic mineral products (369)	1.35	1.40	1.46
Iron and steel (371)	0.76	0.91	1.04
Non-ferrous metals (372)	0.04**	0.08*	0.06*
Metal products, excluding machinery (381)	1.27	1.33	1.19
Non-electrical machinery (382)	0.20*	0.21*	0.25*
Electrical machinery (383)	2.64*	2.67*	2.05
Transport equipment (384)	0.37*	0.37	0.42
Professional and scientific equipment, photographic and optical goods (385)	1.36	1.29	0.90
Other manufactures (390)	0.85	1.02	1.05
Total manufacturing (300)	1.20	1.38	1.06

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972 | 1976-1978		1970-1972 | 1976-1978		1970-1972 | 1976-1978		1970-1972 | 1976-1978	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products(211)								
Beef and veal, fresh(101:kg) g/ b/ s/	7.6	10.1	100.0	100.1	0.0	0.0	0.248	0.297
Milk and cream, dried(204:g)	335.0	1084.0	35.6	37.8	64.5	62.2	0.063	0.236
Butter(207:g) g/ b/	94.0	...	100.0	...	0.0	...	0.023	...
Cheese(210:g) g/	123.0	218.0	100.6	99.9	0.0	0.1	0.039	0.027
Vegetables, tinned or bottled(322:g) g/	12.0	...	3.1	...	96.9	...	0.001	...
Fish, tinned(407:g)	553.0	1156.0	210.2	287.1	1.3	0.0	0.331	0.668
Flour, wheat(501:kg) l/	16.6	...	96.3	...	3.7	...	0.250	...
Bread, ships' biscuits, etc.(704:kg) d/	2.3	3.4	100.0	100.0	0.0	0.0	0.094	0.120
Raw sugar(801:kg)	27.8	36.2	146.7	116.0	0.0	0.0	0.698	0.842
Prepared animal feeds(312201:kg) g/	6.7	...	99.9	...	0.1	...	0.062	...
Vegetable oils(231)								
Oil, other, of vegetable origin(534 & 537:kg) h/	3.6	...	73.1	...	26.9	...	0.356	...
Textiles(321)								
Wool yarn, pure and mixed(103:g) l/	9.0	...	100.0	...	0.0	...	0.003	...
Cotton yarn, pure and mixed(109:g) g/ d/	277.0	222.0	100.0	105.6	0.0	0.0	0.053	0.051
Cotton woven fabrics(122:g) l/	26.0	...	32.3	...	67.7	...	0.008	...
Woolen woven fabrics(134:g) l/	20.0	...	66.9	...	33.9	...	0.016	...
Knitted fabrics(301:g) g/ d/	40.0	644.0	93.1	96.6	6.9	3.4	0.020	0.231
Pulp and paper(34)								
Pulp of fibres other than wood(104:kg) g/ b/	0.3	0.9	100.0	97.6	0.0	2.4	0.143	0.500
Other printing and writing paper(122:kg)	...	1.3	...	32.6	...	67.4	...	0.032
Industrial chemicals(35)								
Methanol(methyl alcohol)(121:g)	46.0	341.0	0.0	0.0	100.0	100.0	0.005	0.015
Sulfuric acid(147:kg) b/	0.2	...	90.7	...	9.3	...	0.002	...
Dyestuffs, synthetic(174:g) g/	62.0	92.0	0.0	0.0	100.0	100.0	0.116	0.167
Nitrogenous fertilizers(201:kg)	2.6	6.1	12.6	4.5	87.4	95.6	0.116	0.223
Phosphatic fertilizers(204 and 207:kg) g/ l/	2.0	2.6	32.6	26.1	67.4	73.9	0.191	0.147
Potassic fertilizers(210:kg) j/	0.9	1.6	0.0	0.0	100.0	100.0	0.048	0.076
Insecticides,fungic., disinfect., etc.(216:g) d/	453.0	798.0	24.3	6.3	78.0	94.2	0.214	0.381
Petroleum refining(352)								
Distillate fuel oils(019:kg) g/ h/	41.5	66.3	100.0	99.9	0.0	0.1	0.076	0.107
Residual fuel oils(022:kg)	64.1	69.6	108.8	187.8	0.0	0.0	0.112	0.131
Iron & steel(37)								
Other ferro-alloys(013:kg)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Angles, shapes, sections, 20 mm or more(036:kg)	0.3	0.4	0.0	0.0	100.0	100.0	0.011	0.016
Angles, shapes, sections, under 20 mm(037:kg) g/	0.9	1.6	0.0	0.0	100.0	100.0	0.013	0.025
Plates(heavy), over 4.75 mm(040:kg)	1.6	3.4	0.0	0.0	100.0	100.0	0.037	0.062
Tubes, seamless(076:kg) g/	11.8	1.4	0.0	0.0	100.0	100.0	1.017	0.126
Tubes, welded(079:kg) g/	1.1	...	35.4	...	64.6	...	0.046	...

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INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g)	...	3.0	...	0.0	...	100.0	...	0.000
Aluminium, unwrought (022;g) ^{1/}	9.0	236.0	0.0	0.0	100.0	100.0	0.001	0.013
Zinc, unwrought (043;g)	11.0	171.0	0.0	0.0	100.0	100.0	0.002	0.034
Tin, unwrought (049;g) ^{2/}	1.0	-	0.0	0.0	100.0	100.0	0.004	0.000

- ^{a/} Trade data for 1970 refer only to trade with OECD countries.
^{b/} For first period: 1970 only.
^{c/} For second period: 1977 only.
^{d/} For second period: 1976 only.
^{e/} For first period: 1970 and 1971.
^{f/} All data include cereal flour other than wheat (ISIC 311607).
^{g/} For first period: 1971 and 1972.
^{h/} Estimates.
^{i/} For first period: 1972 only.
^{j/} For second period: 1976 and 1977.
^{k/} For second period: 1978 only.
^{l/} For first period: 1970 and 1972.
^{m/} For second period: 1976 and 1978.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	35.2	-3.5	-3.2	71.5	36.2
Chemicals (5)	178.2	-55.8	-37.0	14.0	15.1
Manufactured goods classified chiefly by material (6)	25.0	4.6	-1.1	71.5	37.2
Machinery and transport equipment (7) g/	8.0	0.3	0.1	91.6	90.0
Miscellaneous manufactured articles (8)	69.9	-7.4	-0.2	37.7	28.6
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	21.9	2.3	-2.0	77.8	45.9
Paper, paperboard and manufactures thereof (64) g/	68.9	-3.5	21.1	13.5	23.4
Textile yarn, fabrics, made-up articles and related products (65)	23.2	8.3	2.4	68.1	30.3
Non-metallic mineral manufactures, n.e.s. (66) g/	7.9	-2.2	-0.1	94.4	75.6
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	21.8	-5.5	-0.3	84.1	60.8
Machinery, other than electric (71)	...	...	...	...	...
Electrical machinery, apparatus and appliances (72) g/	8.6	1.1	-1.1	91.4	68.8
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	120.0	11.4	1.4	-32.9	20.5

g/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.

EGYPT

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	20.7	16.1	2.27	1.80	0.127	0.167
Beverages (313)	0.8	0.9	0.42	0.43	0.337	0.377
Tobacco (314)	2.7	4.0	2.72	4.24	0.124	0.053
Textiles (321)	26.9	24.9	5.02	5.35	0.339	0.405
Wearing apparel (322)	0.4	1.0	0.16	0.38	0.195	0.253
Leather and fur products (323)	0.4	0.4	0.95	0.98	0.167	0.125
Footwear (324)	0.6	1.4	0.84	2.33	0.484	0.309
Wood and cork products (331)	1.7	0.7	0.81	0.39	0.318	0.272
Furniture and fixtures excluding metal (332)	0.7	0.5	0.38	0.27	0.390	0.304
Paper (341)	4.2	2.4	1.17	0.72	0.276	0.340
Printing and publishing (342)	2.9	2.3	0.64	0.58	0.410	0.375
Industrial chemicals (351)	1.9	2.1	0.41	0.38	0.379	0.217
Other chemicals (352)	4.9	5.6	1.23	1.19	0.296	0.287
Petroleum refineries (353)	1.8	5.0	0.79	2.22	0.414	0.483
Miscellaneous products of petroleum and coal (354)	1.1	3.2	3.42	10.03	0.336	0.342
Rubber products (355)	1.6	1.2	1.07	0.79	0.465	0.483
Plastic products (356)	1.0	1.0 ^{b/}	0.62	0.43 ^{b/}	0.469	0.418
Pottery, china and earthenware (361)	0.4	0.3	0.81	0.70	0.581	0.541
Glass (362)	1.0	0.8	1.12	0.84	0.410	0.383
Other non-metallic mineral products (369)	3.4	2.8	1.11	0.92	0.312	0.391
Iron and steel (371)	6.4	5.8	0.94	1.02	0.262	0.218 ^{b/}
Non-ferrous metals (372)	2.2	2.0	1.25	1.19	0.222	0.116 ^{b/}
Metal products, excluding machinery (381)	4.6	3.5	0.66	0.52	0.426	0.300
Non-electrical machinery (382)	1.9	2.8	0.17	0.26	0.449	0.482
Electrical machinery (383)	2.4	5.8	0.30	0.65	0.388	0.418
Transport equipment (384)	2.8	3.4	0.29	0.33	0.299	0.356
Professional and scientific equipment, photographic and optical goods (385)	0.0	0.0 ^{b/}	0.03	0.01 ^{b/}	0.512	0.333

^{a/} Relative to all large countries.
^{b/} Estimated.

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.04	1.05	1.17
Beverages (313)	0.30*	0.31*	0.30*
Tobacco (314)	1.16	1.01	0.89
Textiles (321)	1.95	1.92	2.17*
Wearing apparel (322)	0.31*	0.37	0.33*
Leather and fur products (323)	0.72	0.85	0.82
Footwear (324)	0.91	1.17	1.34
Wood and cork products (331)	0.59	0.68	0.50
Furniture and fixtures excluding metal (332)	0.57	0.71	0.65
Paper (341)	1.96	1.77	2.04*
Printing and publishing (342)	1.43	1.30	1.37
Industrial chemicals (351)	1.08	1.11	1.00
Other chemicals (352)	1.56	1.22	1.29
Petroleum refineries (353)	1.38	1.22	1.16
Miscellaneous products of petroleum and coal (354)	5.23*	5.10*	2.17
Rubber products (355)	1.23	1.01	1.07
Plastic products (356)	1.32	1.22	1.43
Pottery, china and earthenware (361)	1.07	1.20	0.99
Glass (362)	1.79	1.79	1.16
Other non-metallic mineral products (369)	1.01	1.07	1.03
Iron and steel (371)	2.33	2.10	1.96*
Non-ferrous metals (372)	2.08	2.03	1.60
Metal products, excluding machinery (381)	1.16	1.17	1.22
Non-electrical machinery (382)	1.51	1.50	1.27
Electrical machinery (383)	1.62	1.52	1.85
Transport equipment (384)	1.55	1.49	1.26
Professional and scientific equipment, photographic and optical goods (385)	0.21*	0.22*	0.29*
Other manufactures (390)	0.25*	0.28*	0.24*
Total manufacturing (300)	1.08	1.18	1.19

^{a/} Large countries.

EGYPT

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products (31)

- | Beef and veal, fresh (101;kg) a/
- | Butter (207;g) b/
- | Cheese (210;g) a/
- | Vegetables, tinned or bottled (322;g) c/ a/
- | Fish, tinned (407;g) a/
- | Flour, wheat (601;kg)
- | Raw sugar (801;kg) d/ g/
- | Refined sugar (804;kg) a/

Vegetable oils (311)

- | Oil, cotton seed (516 and 519;kg) f/ a/

Textiles (32)

- | Wool yarn, pure and mixed (103;g) b/ a/
- | Cotton yarn, pure and mixed (109;g) f/
- | Cotton woven fabrics (128;g)
- | Woollen woven fabrics (124;g) f/ a/

Pulp and paper (34)

- | Pulp of fibres other than wood (104;kg) g/ d/ a/
- | Other printing and writing paper (122;kg)

Industrial chemicals (35)

- | Methanol (methyl alcohol) (121;g)
- | Chlorine (145;kg)
- | Sulphuric acid (147;kg)
- | Nitric acid (149;kg) h/ a/
- | Ammonia (158;kg)
- | Caustic soda (159;kg)
- | Calcium carbide (173;kg) i/
- | Dyestuffs, synthetic (174;g)
- | Nitrogenous fertilizers (201;kg)
- | Phosphatic fertilizers (204 and 207;kg) a/
- | Potassic fertilizers (210;kg) j/
- | Insecticides, fungic., disinfect., etc. (216;g) a/
- | Rubber, synthetic (201;g)

Petroleum refineries (353)

- | Distillate fuel oils (019;kg) k/ l/
- | Residual fuel oils (022;kg) k/ l/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
6.6	6.1	98.5	98.7	1.5	1.3	0.215	0.179
1729.0	2236.0	99.4	75.1	0.6	24.9	0.430	0.581
4009.0	4064.0	98.3	95.1	1.8	4.9	0.627	0.515
133.0	412.0	133.8	96.6	5.8	9.0	0.013	0.015
95.0	393.0	49.4	21.0	50.8	79.0	0.057	0.227
67.8	99.2	87.8	82.9	12.2	17.1	1.147	1.722
15.8	14.8	100.2	100.0	0.0	0.0	0.397	0.344
16.1	18.5	112.4	83.8	0.6	23.1	0.400	0.452
9.2	7.4	73.9	96.8	26.1	3.5	3.407	4.933
349.0	342.0	100.2	100.3	0.0	0.1	0.132	0.179
4991.0	3004.0	109.7	117.9	1.8	0.1	1.134	0.696
3080.0	980.0	110.0	128.0	0.0	3.5	0.951	0.319
155.0	174.0	100.3	95.2	0.8	4.8	0.125	0.146
1.6	2.1	100.0	14.0	0.0	86.0	0.762	1.167
1.5	2.0	85.3	51.7	14.8	48.3	0.047	0.049
7.0	7.0	0.0	0.0	100.0	100.0	0.001	0.000
0.1	0.1	105.5	91.6	0.4	8.4	0.004	0.003
0.9	0.8	100.6	99.8	0.0	0.2	0.010	0.008
-	0.1	99.9	99.6	0.1	0.4	0.000	0.003
-	-	0.0	0.0	100.0	100.0	0.000	0.000
1.5	1.9	36.5	39.0	63.5	61.0	0.052	0.062
0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
76.0	88.0	0.0	0.0	100.0	100.0	0.141	0.160
12.5	17.4	28.3	25.4	71.8	74.6	0.568	0.637
1.8	2.2	113.0	99.1	4.9	6.2	0.132	0.162
0.1	0.1	0.0	0.0	100.0	100.0	0.005	0.005
802.0	742.0	53.5	53.6	46.6	46.7	0.379	0.373
178.0	163.0	0.0	0.0	100.0	100.0	0.026	0.021
47.1	50.3	50.0	100.0	56.4	0.0	0.085	0.081
76.4	135.0	96.3	100.3	3.7	0.5	0.133	0.255

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption		1970-	1976-	1970-	1976-
	1970-1972	1976-1978	1970-1972	1976-1978	1972	1978	1972	1978
<u>Iron & steel (371)</u>								
Wire rods (028;kg) <u>h/ i/ l/</u>	6.5	6.0	100.0	96.3	0.0	1.7	0.196	0.195
Angles, shapes, sections, 80 mm or more (036;kg) <u>a/</u>	...	2.5	...	59.8	...	40.4	...	0.100
Angles, shapes, sections, under 80 mm (037;kg) <u>h/ l/</u>	...	1.7	...	69.2	...	30.8	...	0.025
Plates (heavy), over 4.75 mm (040;kg) <u>m/</u>	0.4	...	78.7	...	201.9	...	0.007	...
Tubes, seamless (076;kg)	0.2	...	0.0	...	100.0	...	0.017	...
Tubes, welded (079;kg) <u>a/</u>	...	1.9	...	47.9	...	52.7	...	0.077
Steel castings in the rough state (085;kg) <u>d/</u>	0.1	...	99.9	...	0.1	...	0.017	...
<u>Non-ferrous metals (372)</u>								
Aluminium, unwrought (022;g)	...	-	...	0.0	...	100.0	...	0.000
Lead, refined, unwrought (037;g) <u>l/</u>	246.0	194.0	15.4	24.5	84.6	75.5	0.054	0.040
Zinc, unwrought (043;g)	67.0	41.0	0.0	0.0	100.0	100.0	0.012	0.008
Tin, unwrought (049;g)	13.0	12.0	0.0	0.0	100.0	100.0	0.055	0.050

- g/ For second period: 1976 and 1977.
h/ For first period: 1970 and 1972.
c/ Production data include additional related products.
d/ For first period: 1970 only.
e/ For second period: 1978 only.
f/ Estimates.
g/ Trade data for 1970 refer only to trade with OECD countries.
h/ For first period: 1972 only.
i/ For first period: 1970 and 1971.
j/ For second period: 1976 only.
k/ Trade data for 1977 refer only to trade with OECD countries.
l/ For second period: 1977 only.
m/ All data include medium plates of 3 to 4.75 mm (ISIC 371043).

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INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	196.7	72.6	-30.5	-138.8	13.1
Chemicals (5)	92.2	36.3	-7.4	-21.1	17.6
Manufactured goods classified chiefly by material (6)	...	...	...	...	...
Machinery and transport equipment (7)	...	...	...	...	...
Miscellaneous manufactured articles (8)	197.7	-39.8	7.4	-65.3	11.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	101.1	245.2	3.3	-249.6	29.5
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	-36.1	42.1	52.8	41.2	-4.5
Paper, paperboard and manufactures thereof (64)	72.1	0.3	15.3	12.3	29.5
Textile yarn, fabrics, made-up articles and related products (65)	168.2	37.8	7.6	-113.6	11.5
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	1.7	3.2	1.1	94.1	58.1
Manufactures of metal, n.e.s. (69)	...	...	...	...	...
Machinery, other than electric (71)	...	...	...	...	...
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	146.9	-55.1	-4.7	12.9	18.8

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1977 b/	1970	1977	1970	1977
Food products (311/2)	40.2	18.5	1.56	1.0 ^a	...	0.308
Beverages (313)	6.6	11.1	1.38	1.98	...	0.693
Tobacco (314)	3.9	3.9	1.26	1.18	...	0.717
Textiles (321)	12.7	11.5	0.96	1.00	...	0.709
Wearing apparel (322)	3.3	4.0	0.65	0.52	...	0.561
Leather and fur products (323)	1.1	0.8	1.45	1.13	...	0.474
Footwear (324)	2.3	1.4	1.39	1.13	...	0.327
Wood and cork products (331)	0.4	0.4	0.17	0.19	...	0.500
Furniture and fixtures excluding metal (332)	3.7	1.8	2.42	1.54	...	0.556
Paper (341)	1.1	3.1	0.49	1.37	...	0.426
Printing and publishing (342)	1.8	2.6	0.63	0.91	...	0.551
Industrial chemicals (351)	6.0	10.2	2.97	3.94	...	0.535
Other chemicals (352)	3.5	9.4	1.09	2.08	...	0.558
Petroleum refineries (353)	0.6	1.5	0.20	0.40	...	0.089
Miscellaneous products of petroleum and coal (354)	-	0.1	-	0.0 ^a	...	0.100
Rubber products (355)	1.2	0.4	0.89	0.36	...	0.500
Plastic products (356)	1.3	3.1	0.57	0.97	...	0.506
Pottery, china and earthenware (361)	0.0	0.0	0.09	0.06	...	...
Glass (362)	0.0	0.0	0.04	0.04	...	...
Other non-metallic mineral products (369)	2.1	3.7	0.82	1.18	...	0.462
Iron and steel (371)	0.1	0.9	0.21	0.53	...	0.270
Non-ferrous metals (372)	0.1	0.3	0.03	0.14	...	0.273
Metal products, excluding machinery (381)	1.7	3.6	0.36	0.72	...	0.500
Non-electrical machinery (382)	0.3	1.8	0.19	0.74	...	0.525
Electrical machinery (383)	2.2	3.5	0.60	0.50	...	0.46 ^a
Transport equipment (384)	0.5	0.5	0.14	0.15	...	0.625
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.1	0.12	0.09	...	0.600

a/ Relative to all small countries with modest resources.

b/ At current prices.

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group a/
Food products (311/2)	1.58	1.40	1.48
Beverages (313)	1.64	1.59	1.74
Tobacco (314)	1.48	1.55	1.52
Textiles (321)	1.68	1.98	1.88
Wearing apparel (322)	1.06	1.06	1.35
Leather and fur products (323)	1.09	1.19	1.31
Footwear (324)	2.37	2.64	2.37
Wood and cork products (331)	0.17*	0.16*	0.21*
Furniture and fixtures excluding metal (332)	1.96	1.96	2.49*
Paper (341)	0.65	0.61	0.47
Printing and publishing (342)	1.14	0.98	1.04
Industrial chemicals (351)	5.87*	6.25*	5.00*
Other chemicals (352)	2.32*	2.36*	1.85
Petroleum refineries (353)	0.39	0.41	0.61
Miscellaneous products of petroleum and coal (354)	0.20*	0.22*	0.10**
Rubber products (355)	0.91	1.19	1.66
Plastic products (356)	1.50	1.55	1.31
Pottery, china and earthenware (361)	0.08**	0.10**	b/
Glass (362)	0.07**	0.11**	0.21*
Other non-metallic mineral products (369)	1.02	1.07	1.15
Iron and steel (371)	0.51	0.75	0.98
Non-ferrous metals (372)	0.44	0.71	1.36
Metal products, excluding machinery (381)	0.54*	0.57	0.59
Non-electrical machinery (382)	0.32*	0.34*	0.47
Electrical machinery (383)	1.66	1.86	1.99
Transport equipment (384)	0.46	0.54	0.67
Professional and scientific equipment, photographic and optical goods (385)	0.26*	0.22*	0.30
Other manufactures (390)	1.94	2.24	1.99
Total manufacturing (300)	1.63	1.77	1.57

a/ Small countries with modest resources.

b/ Corresponding group average pattern could not be identified.

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INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g) a/
- | Flour, wheat(601;kg) a/
- | Raw sugar(801;kg)
- | Prepared animal feeds(312201;kg) b/ c/ d/

Vegetable oils(311)

- | Oil, cotton seed(516 and 519;kg) e/ f/

Textiles(321)

- | Cotton yarn, pure and mixed(109;g) g/ a/
- | Cotton woven fabrics(128;g) g/ a/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)

Industrial chemicals(351)

- | Methanol(methy; alcohol)(121;g)
- | Sulphuric acid(147;kg) a/
- | Nitric acid(149;kg)
- | Caustic soda(159;kg)
- | Calcium carbide(173;kg)
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg)
- | Phosphatic fertilizers(204 and 207;kg)
- | Potassic fertilizers(210;kg) a/
- | Rubber, synthetic(301;g) b/ c/ d/

Petroleum refineries(352)

- | Distillate fuel oils(019;kg)

Iron & steel(371)

- | Other ferro-alloys(013;kg)
- | Plates(heavy), over 4.75 mm(040;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
5.4	6.3	106.1	117.5	0.2	0.4	0.176	0.185
1618.0	2248.0	11.9	9.5	88.8	91.5	0.402	0.487
1268.0	1187.0	98.1	98.1	2.0	2.0	0.316	0.309
541.0	564.0	80.0	79.3	21.9	23.8	0.085	0.072
13.4	16.6	98.2	98.1	1.8	1.9	0.227	0.288
18.0	40.0	231.9	171.6	0.0	0.0	0.452	0.930
17.9	20.4	97.9	99.3	2.1	0.7	0.127	0.100
1.5	3.8	115.0	100.0	7.1	0.0	0.556	2.533
707.0	685.0	181.7	193.1	8.5	6.7	0.161	0.169
2.0	0.6	110.0	104.0	1.3	8.1	0.001	0.000
0.5	0.4	0.0	0.0	100.0	100.0	0.023	0.013
5.0	3.0	0.0	0.0	100.0	100.0	0.001	0.000
2.7	7.2	116.8	64.3	0.1	41.6	0.029	0.073
-	-	0.0	0.0	100.0	100.0	0.000	0.000
1.7	1.9	0.0	0.0	100.0	100.0	0.059	0.062
0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
77.0	61.0	0.0	0.0	100.0	100.0	0.143	0.111
49.8	62.2	4.2	2.6	97.2	98.8	2.264	2.278
4.2	...	12.2	...	99.4	...	0.309	...
3.1	2.3	0.0	0.0	100.0	100.0	0.166	0.112
119.0	181.0	0.0	0.0	100.0	100.0	0.017	0.024
27.2	48.1	95.3	102.1	4.8	0.1	0.049	0.077
-	-	0.0	0.0	100.0	100.0	0.000	0.000
2.5	4.6	0.0	0.0	100.0	100.0	0.057	0.111

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INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (322)</u>								
Aluminium, unwrought (022;g)	265.0	471.0	0.0	0.0	100.0	100.0	0.016	0.025
Lead, refined, unwrought (037;g)	57.0	22.0	0.0	0.0	100.0	100.0	0.012	0.005
Zinc, unwrought (043;g)	149.0	101.0	0.0	0.0	100.0	100.0	0.027	0.020
Tin, unwrought (049;g)	1.0	1.0	0.0	0.0	100.0	100.0	0.004	0.004

- a/ For second period: 1976 and 1977.
- b/ Trade data refer only to trade with OECD countries.
- c/ For first period: 1970 only.
- d/ For second period: 1977 only.
- e/ For first period: 1971 and 1972.
- f/ For second period: 1976 only.
- g/ Estimates.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	117.6	-16.5	-6.9	5.9	16.3
Chemicals (5)	140.5	-21.6	-8.1	-10.9	14.2
Manufactured goods classified chiefly by material (6)	104.4	-12.7	-5.5	13.8	16.4
Machinery and transport equipment (7)	114.7	-21.0	3.7	2.6	15.9
Miscellaneous manufactured articles (8)	116.5	-20.1	1.4	2.2	17.8
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	194.1	68.5	-13.4	-149.2	14.7
Rubber manufactures, n.e.s. (62)	50.2	-4.3	-3.3	57.5	27.5
Wood and cork manufactures, excluding furniture (63)	22.6	-11.3	6.4	82.4	54.5
Paper, paperboard and manufactures thereof (64)	44.1	-2.3	11.7	46.5	26.6
Textile yarn, fabrics, made-up articles and related products (65)	109.6	-18.2	4.1	4.5	13.4
Non-metallic mineral manufactures, n.e.s. (66)	45.3	10.0	9.6	35.0	36.8
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	41.4	-4.9	27.1	36.3	21.3
Manufactures of metal, n.e.s. (69)	146.0	-51.8	6.9	-1.1	16.7
Machinery, other than electric (71)	137.8	-20.4	7.3	-24.7	12.4
Electrical machinery, apparatus and appliances (72)	117.9	-20.9	-9.5	12.5	17.9
Transport equipment (73) a/	162.2	17.6	4.7	-84.5	7.6
Clothing and footwear (84, 85)	123.5	-15.6	-3.7	-4.1	17.9

a/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1970.

ETHIOPIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.52	0.55	0.65*
Beverages (313)	1.24	1.28	1.28
Tobacco (314)	0.34 ^u	0.39*	0.23*
Textiles (321)	1.19	1.22	1.21
Wearing apparel (322)	4.14 ^u	5.42*	5.56*
Leather and fur products (323)	1.12	1.25	1.46
Footwear (324)	0.74	0.98	1.31
Wood and cork products (331)	1.87	1.69	1.85
Furniture and fixtures excluding metal (332)	3.06*	2.84*	4.09*
Paper (341)	0.29*	0.27*	0.34*
Printing and publishing (342)	0.74	0.63	0.61
Industrial chemicals (351)	0.05**	0.07**	0.05**
Other chemicals (352)	0.47	0.61	0.37*
Petroleum refineries (353)	0.80	1.62	0.67
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.55	0.71	0.45*
Plastic products (356)	0.76	0.93	0.89
Pottery, china and earthenware (361)	5.09*	4.44*	4.76**
Glass (362)	6.02*	7.30*	2.89**
Other non-metallic mineral products (369)	1.08	1.11	1.20
Iron and steel (371)	1.36	1.35	1.12
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	1.56	1.54	1.63*
Non-electrical machinery (382)	-	-	-
Electrical machinery (383)	0.04***	0.04***	0.04***
Transport equipment (384)	1.57	2.14	1.19
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	9.00**	7.05*	8.75**
Total manufacturing (300)	0.98	0.89	1.09

^{a/} Large countries.

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption		1970-	1976-	1970-	1976-
	1970-1972	1976-1978	1970-1972	1976-1978	1972	1978	1972	1978
Food products (311)								
Beef and veal, fresh (101;kg) a/	8.9	6.8	101.4	100.4	0.0	0.0	0.290	0.200
Butter (207;g) a/	461.0	299.0	65.3	96.1	15.3	3.9	0.115	0.078
Cheese (210;g) a/	158.0	129.0	96.9	99.2	3.3	0.8	0.026	0.016
Flour, wheat (601;kg) b/ c/	2.6	3.0	60.2	100.0	39.8	0.0	0.044	0.052
Raw sugar (801;kg) e/ d/	4.0	4.8	100.0	100.0	0.0	0.0	0.101	0.105
Textiles (321)								
Cotton yarn, pure and mixed (109;g) a/	...	327.0	...	98.5	...	1.5	...	0.076
Cotton woven fabrics (128;g) a/ a/ f/	408.0	377.0	99.9	97.2	0.1	2.8	0.126	0.123
Pulp and paper (341)								
Pulp of fibres other than wood (104;kg) a/ a/	0.1	0.2	0.0	0.0	100.0	100.0	0.048	0.111
Other printing and writing paper (122;kg)	...	0.2	...	86.5	...	13.5	...	0.005
Industrial chemicals (351)								
Nitrogenous fertilizers (201;kg) h/	0.1	0.4	0.0	0.0	100.0	100.0	0.005	0.016
Phosphatic fertilizers (204 and 207;kg) h/	0.1	0.5	0.0	0.0	100.0	100.0	0.007	0.044
Potassic fertilizers (210;kg) h/	...	-	...	0.0	...	100.0	...	0.000
Petroleum refineries (352)								
Distillate fuel oils (019;kg) a/	5.8	3.1	110.1	205.4	14.6	9.9	0.010	0.005
Residual fuel oils (022;kg) e/	5.7	8.7	186.5	100.0	0.0	0.0	0.010	0.017
Non-ferrous metals (372)								
Lead, refined, unwrought (037;g) a/ h/	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Zinc, unwrought (043;g) a/ h/	5.0	12.0	0.0	0.0	100.0	100.0	0.001	0.002
Tin, unwrought (049;g) i/ d/	...	-	...	0.0	...	100.0	...	0.000

- a/ For first period: 1970 and 1972.
b/ Trade data for 1970 refer only to trade with OECD countries.
c/ For first period: 1970 only.
d/ For second period: 1977 only.
e/ Estimates.
f/ For second period: 1976 and 1978.
g/ For second period: 1977 and 1978.
h/ For second period: 1976 and 1977.
i/ Trade data for 1977 refer only to trade with OECD countries.

FIJI

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	2.23*	1.85	1.78
Beverages (313)	0.43*	0.40*	0.88
Tobacco (314)	1.21	1.31	1.40
Textiles (321)	...	...	...
Wearing apparel (322)	...	...	...
Leather and fur products (323)	...	...	...
Footwear (324)	0.55	0.44	0.59
Wood and cork products (331)	3.54*	3.27*	2.81*
Furniture and fixtures excluding metal (332)	5.36**	4.71*	3.65*
Paper (341)	0.52	0.55	0.74
Printing and publishing (342)	0.32*	0.32*	0.45*
Industrial chemicals (351)	-	-	-
Other chemicals (352)	0.63	0.69	1.07
Petroleum refineries (353)	-	-	-
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.35*	0.53	1.70
Plastic products (356)	0.93	1.00	1.27
Pottery, china and earthenware (361)	-	-	-
Glass (362)	-	-	-
Other non-metallic mineral products (369)	0.96	0.97	1.37
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	1.23	1.35	2.12*
Non-electrical machinery (382)	1.11	1.33	1.42
Electrical machinery (383)	0.63	0.73	0.80
Transport equipment (384)	1.03	1.16	1.38
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	0.18*	0.23*	0.20*
Total manufacturing (300)	1.46	1.77	1.59

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^{a/} Small countries with modest resources.

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1972	1976-1978	1970-1972	1976-1978
Food products(31)								
Beef and veal, fresh (101;kg) g/	7.0	6.6	96.4	66.0	2.3	40.4	0.228	0.194
Milk and cream, condensed(201;g)	1530.0	2259.0	0.0	0.0	100.0	100.0	0.397	0.710
Milk and cream, dried(204;g)	2280.0	2295.0	0.0	0.0	100.0	100.0	0.562	0.497
Butter(207;g)	3945.0	5547.0	40.4	31.7	59.7	68.3	0.982	1.442
Cheese(210;g)	223.0	287.0	0.0	0.0	100.0	100.0	0.036	0.036
Vegetables, tinned or bottled(322;g)	721.0	872.0	0.0	0.0	100.0	100.0	0.070	0.032
Margarine, imitation lard, etc.(501;g)	590.0	577.0	0.0	0.0	100.0	100.0	0.102	0.091
Meal and groats of all cereals(604;kg) b/	5.1	0.2	0.0	0.0	100.0	100.0	0.273	0.034
Flour, cereal, other than wheat(607;kg) b/	0.1	0.2	0.0	0.0	100.0	100.0	0.014	0.036
Raw sugar(801;kg)	63.2	74.4	1047.7	759.7	0.0	0.0	1.568	1.730
Prepared animal feeds(312201;kg)	13.4	29.6	94.0	95.1	6.6	6.7	0.095	0.145
Vegetable oils(31)								
Oils, other, of vegetable origin(534 & 537;kg) g/ d/ g/	68.5	48.3	93.6	158.7	6.4	2.7	8.762	5.963
Textiles(32)								
Wool yarn, pure and mixed (103;g)	1.0	...	0.0	...	100.0	...	0.000	...
Cotton yarn, pure and mixed(109;g) g/	...	10.0	...	...	...	100.0	...	0.002
Cotton woven fabrics(128;g) b/ g/	399.0	77.0	0.0	0.0	100.0	100.0	0.095	0.025
Woolen woven fabrics(134;g)	75.0	9.0	0.0	0.0	100.0	100.0	0.061	0.008
Knitted fabrics(301;g) f/	63.0	371.0	0.0	0.0	100.0	100.0	0.041	0.158
Pulp and paper(33)								
Newsprint(119;kg)	1.5	2.3	0.0	0.0	100.0	100.0	0.058	0.088
Other printing and writing paper(122;kg) g/	...	2.4	...	0.0	...	100.0	...	0.059
Industrial chemicals(35)								
Methanol (methyl alcohol) (121;g)	240.0	106.0	0.0	0.0	100.0	100.0	0.007	0.007
Caustic soda(159;kg) g/	...	1.2	...	0.0	...	100.0	...	0.039
Nitrogenous fertilizers(201;kg)	47.3	62.0	0.0	0.0	100.0	100.0	2.150	2.271
Phosphatic fertilizers(204 and 207;kg) f/	6.5	6.7	0.0	0.0	100.0	100.0	0.478	0.493
Potassic fertilizers(210;kg)	0.7	4.4	0.0	0.0	100.0	100.0	0.037	0.215
Insecticides, fungic, disinfect., etc.(216;g) g/	...	1373.0	...	0.0	...	100.0	...	0.590
Petroleum refineries(35)								
Distillate fuel oils(019;kg) f/	215.7	210.4	0.0	0.0	100.0	100.0	0.388	0.339
Residual fuel oils(022;kg)	354.0	251.0	0.0	0.0	100.0	100.0	0.618	0.474
Iron & steel(37)								
Other ferro-alloys(013;kg) h/	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Wire rods(026;kg)	...	3.0	...	0.0	...	100.0	...	0.097
Angles, shapes, sections, 80 mm or more(036;kg)	3.2	1.6	0.0	0.0	100.0	100.0	0.113	0.060
Angles, shapes, sections, under 80 mm(037;kg)	...	2.1	...	0.0	...	100.0	...	0.032
Tubes, seamless(076;kg)	0.6	1.4	0.0	0.0	100.0	100.0	0.652	0.125
Tubes, welded(079;kg)	1.2	1.0	0.0	0.0	100.0	100.0	0.050	0.041

FIJI

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Lead, refined, unwrought (037;g) i/ j/	80.2	24.0	0.0	0.0	100.0	100.0	0.018	0.008
Zinc, unwrought (043;g) k/	117.0	82.0	0.0	0.0	100.0	100.0	0.021	0.016

- a/ Production statistics do not provide for complete coverage.
- b/ For first period: 1972 only.
- c/ Estimates.
- d/ For first period: 1971 only.
- e/ For second period: 1977 and 1978.
- f/ For second period: 1976 only.
- g/ For second period: 1977 only.
- h/ For first period: 1970 and 1971.
- i/ For first period: 1971 and 1972.
- j/ For second period: 1976 and 1978.
- k/ For first period: 1970 and 1972.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
Food products (311/2)	11.8	10.9	0.92	0.82	0.185	0.225
Beverages (313)	1.6	1.3	0.67	0.52	0.447	0.514
Tobacco (314)	0.3	0.3	0.30	0.30	0.500	0.469
Textiles (321)	4.0	3.4	0.80	0.76	0.382	0.466
Wearing apparel (322)	3.9	3.7	1.40	1.53	0.478	0.505
Leather and fur products (323)	0.5	0.4	1.08	1.01	0.385	0.325
Footwear (324)	0.8	0.7	0.98	1.37	0.524	0.437
Wood and cork products (331)	6.3	4.9	1.59	1.27	0.377	0.385
Furniture and fixtures excluding metal (332)	1.5	1.9	0.66	0.82	0.457	0.521
Paper (341)	16.9	14.7	3.83	3.52	0.326	0.311
Printing and publishing (342)	5.8	6.0	1.03	1.17	0.588	0.565
Industrial chemicals (351)	3.7	4.9	0.82	0.88	0.374	0.305
Other chemicals (352)	2.4	2.6	0.67	0.61	0.519	0.505
Petroleum refineries (353)	1.3	1.5	0.92	1.10	0.282	0.234
Miscellaneous products of petroleum and coal (354)	0.4	0.3	0.56	0.59	0.300	0.395
Rubber products (355)	1.3	1.0	1.07	0.84	0.579	0.482
Plastic products (356)	1.9	1.2	1.35	0.48	0.444	0.475
Pottery, china and earthenware (361)	0.6	0.2	1.24	0.60	0.667	0.778
Glass (362)	0.5	0.6	0.62	0.68	0.538	0.564
Other non-metallic mineral products (369)	3.1	3.1	0.84	0.89	0.493	0.507
Iron and steel (371)	3.5	5.4	0.76	1.31	0.314	0.313
Non-ferrous metals (372)	1.1	1.1	0.62	0.54	0.111	0.199
Metal products, excluding machinery (381)	5.5	5.6	0.73	0.75	0.413	0.504
Non-electrical machinery (382)	10.3	12.2	1.25	1.51	0.502	0.528
Electrical machinery (383)	3.9	4.6	0.57	0.61	0.456	0.490
Transport equipment (384)	5.6	5.9	0.78	0.82	0.413	0.473
Professional and scientific equipment, photographic and optical goods (385)	0.5	0.6	0.41	0.48	0.625	0.654

g/ Relative to all small countries with ample resources and industrial orientation.

FINLAND

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group g/
Food products (311/2)	0.98	1.09	1.02
Beverages (313)	0.50	0.56*	0.59*
Tobacco (314)	0.39*	0.36*	0.37*
Textiles (321)	1.13	1.08	1.00
Wearing apparel (322)	1.01	1.51	1.52
Leather and fur products (323)	0.83	1.07	1.10
Footwear (324)	0.85	1.24	1.17
Wood and cork products (331)	2.15	2.22*	1.97*
Furniture and fixtures excluding metal (332)	0.74	0.86	0.82
Paper (341)	5.03*	4.22**	4.43**
Printing and publishing (342)	1.49	1.25	1.19
Industrial chemicals (351)	1.08	1.32	1.37
Other chemicals (352)	0.78	0.74	0.80
Petroleum refineries (353)	0.57	1.28	1.52
Miscellaneous products of petroleum and coal (354)	1.16	1.16	0.89
Rubber products (355)	0.82	0.70	0.85
Plastic products (356)	0.76	0.79	0.81
Pottery, china and earthenware (361)	1.20	1.13	1.06
Glass (362)	0.84	0.73	0.67
Other non-metallic mineral products (369)	0.89	0.99	0.90
Iron and steel (371)	1.08	0.87	1.02
Non-ferrous metals (372)	0.93	0.87	0.73
Metal products, excluding machinery (381)	0.90	0.89	0.85
Non-electrical machinery (382)	1.81	1.49	1.59*
Electrical machinery (383)	0.81	0.83	0.79
Transport equipment (384)	0.90	1.00	1.01
Professional and scientific equipment, photographic and optical goods (385)	0.59	0.67	0.66
Other manufactures (390)	0.64	0.50	0.48
Total manufacturing (300)	1.27	1.01	1.02

g/ Small countries with ample resources and industrial orientation.

FINLAND

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g) a/
- | Milk and cream, dried(204;g) a/
- | Butter(207;g)
- | Cheese(210;g) a/
- | Vegetables, tinned or bottled(322;g) a/
- | Fish, tinned(407;g) a/
- | Flour, wheat(601;kg) a/
- | Meal and groats of all cereals(604;kg) e/ a/
- | Flour, cereal, other than wheat(607;kg) a/
- | Bread, ships' biscuits, etc.(704;kg) a/
- | Raw sugar(801;kg)
- | Refined sugar(804;kg) a/
- | Prepared animal feeds(312201;kg) a/

Vegetable oils(311)

- | Oil, soya bean(510 and 513;kg) a/
- | Oils, other, of vegetable origin(534 & 537;kg) a/

Textiles(321)

- | Wool yarn, pure and mixed(103;g) a/
- | Cotton yarn, pure and mixed(109;g) a/
- | Cotton woven fabrics(128;g) a/
- | Woollen woven fabrics(134;g) a/
- | Knitted fabrics(301;g) a/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg) e/
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg) a/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
21.3	23.1	109.2	99.1	0.4	1.1	0.694	0.679
300.0	86.0	101.2	94.2	0.0	5.9	0.078	0.027
10533.0	12386.0	156.4	144.0	0.1	0.1	2.619	2.681
14122.0	12451.0	134.8	128.6	0.0	0.0	3.516	3.237
4630.0	7915.0	195.9	182.7	0.4	0.4	0.725	1.004
3689.0	4958.0	87.2	86.6	13.3	13.8	0.351	0.184
2949.0	1266.0	24.3	18.2	76.8	85.0	1.766	0.731
42.9	39.4	100.1	105.4	0.0	0.0	0.726	0.684
4.2	3.4	99.2	99.7	0.8	0.3	0.225	0.566
7.6	2.8	99.9	99.8	0.1	0.2	1.056	0.491
56.1	47.6	101.9	101.8	0.0	0.1	2.047	1.682
62.3	49.3	25.0	36.4	75.0	63.6	1.565	1.147
38.8	29.8	134.3	129.1	0.1	0.0	0.963	0.729
172.8	168.7	99.9	99.3	0.1	0.7	1.230	0.823
3.9	4.3	78.6	108.1	21.4	0.1	0.289	0.217
7.5	7.1	97.5	81.3	2.5	18.9	0.743	0.877
884.0	656.0	95.1	93.6	5.0	6.9	0.334	0.343
4592.0	4161.0	78.8	82.9	22.3	18.5	1.044	0.963
2883.0	4100.0	100.1	96.4	6.6	4.3	0.891	1.336
762.0	805.0	52.0	67.0	57.1	37.7	0.615	0.674
1610.0	2610.0	71.4	83.2	39.7	25.2	1.039	1.108
436.4	366.6	101.9	100.8	0.1	0.0	20.393	12.302
0.9	...	99.8	...	0.2	...	0.429	...
369.8	506.8	157.0	133.8	0.2	0.2	4.681	5.675
42.0	17.9	729.6	1203.4	0.3	0.1	1.622	0.686
18.2	18.8	1141.6	1695.3	2.4	3.2	0.571	0.461

FINLAND

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals (351)								
Methanol (methyl alcohol) (121;g)	7970.0	...	62.1	...	37.9	...	0.963	...
Chlorine (145;kg) a/	31.1	33.2	99.8	99.5	0.2	1.2	1.183	1.337
Sulphuric acid (147;kg)	177.3	162.4	107.1	123.3	0.7	0.0	1.906	1.649
Nitric acid (149;kg) a/	61.1	62.7	99.7	100.0	0.3	0.0	2.256	2.049
Ammonia (158;kg) a/	59.1	50.3	63.3	76.5	36.7	31.0	2.052	0.889
Caustic soda (159;kg)	42.1	47.3	85.4	73.0	15.4	27.1	1.472	1.541
Dyestuffs, synthetic (174;g) d/	622.0	823.0	0.1	0.1	102.0	107.0	1.154	1.496
Nitrogenous fertilizers (201;kg)	16.7	16.1	95.2	85.2	55.7	34.3	0.759	0.590
Phosphatic fertilizers (204 and 207;kg)	3.3	3.6	275.8	98.6	3.0	1.4	0.243	0.265
Potassic fertilizers (210;kg)	50.8	...	0.4	...	99.6	...	2.717	...
Insecticides, fungic., disinfect., etc. (216;g) a/	1733.0	1882.0	78.2	63.6	33.0	38.7	0.819	0.946
Petroleum refineries (353)								
Distillate fuel oils (019;kg)	960.3	1019.7	57.0	74.5	43.8	29.9	1.727	1.642
Residual fuel oils (022;kg)	1072.2	1015.3	74.9	82.9	25.1	30.0	1.871	1.917
Iron & steel (371)								
Other ferro-alloys (013;kg)	...	7.2	...	125.9	...	74.2	...	0.720
Wire rods (028;kg)	21.6	22.4	86.3	114.6	41.0	17.0	0.857	0.727
Angles, shapes, sections, 80 mm or more (036;kg)	24.8	21.2	24.7	14.6	75.6	87.5	0.879	0.845
Angles, shapes, sections, under 80 mm (037;kg)	62.8	60.8	90.3	99.0	9.7	1.0	0.936	0.934
Plates (heavy), over 4.75 mm (040;kg)	63.4	55.4	134.1	163.1	18.5	21.4	1.447	1.335
Plates (medium), 3 to 4.75 mm (043;kg) e/ a/	8.8	2.0	44.2	517.7	66.2	191.6	0.687	0.168
Tubes, welded (079;kg)	16.5	12.1	41.4	86.4	81.4	88.7	0.682	0.492
Steel castings in the rough state (085;kg)	12.4	8.3	102.7	103.3	0.1	0.2	2.138	1.627
Steel forgings (088;kg) f/	1.7	1.0	91.6	88.8	11.8	12.9	0.279	0.182
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g)	8545.0	6070.0	88.4	142.8	27.8	47.8	1.007	0.718
Lead, refined, unwrought (037;g) a/	3044.0	3872.0	23.0	24.1	78.0	79.5	0.655	0.794
Zinc, unwrought (043;g)	3276.0	2759.0	442.0	969.4	16.8	9.9	0.592	0.545
Tin, unwrought (049;g) a/	...	43.0	...	56.5	...	74.1	...	0.178

a/ For second period: 1976 and 1977.

b/ Production data include additional related products.

c/ For first period: 1971 only.

d/ For second period: 1976 only.

e/ For first period: 1972 only.

f/ For first period: 1970 only.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	90.6	3.0	-4.6	11.0	19.4
Chemicals (5)	73.9	11.2	-2.5	17.4	24.0
Manufactured goods classified chiefly by material (6)	103.2	4.8	-5.0	-3.0	16.7
Machinery and transport equipment (7)	62.2	1.1	8.4	28.3	23.4
Miscellaneous manufactured articles (8)	89.5	-0.6	3.3	7.8	21.9
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	73.5	-6.5	9.0	23.9	20.4
Rubber manufactures, n.e.s. (62)	148.4	-5.1	1.0	-44.3	17.9
Wood and cork manufactures, excluding furniture (63) a/	174.9	28.6	-24.2	-79.3	12.3
Paper, paperboard and manufactures thereof (64)	104.2	5.9	-2.9	-7.2	15.9
Textile yarn, fabrics, made-up articles and related products (65)	108.3	10.4	8.1	-26.8	14.5
Non-metallic mineral manufactures, n.e.s. (66)	84.3	-4.4	-16.5	6.7	26.2
Iron and steel (67)	82.2	-9.2	1.8	25.2	23.4
Non-ferrous metals (68)	57.3	0.8	-5.7	47.5	16.7
Manufactures of metal, n.e.s. (69)	76.7	0.3	9.9	13.2	22.7
Machinery, other than electric (71)	56.8	1.4	5.6	35.1	27.3
Electrical machinery, apparatus and appliances (72)	90.4	-5.6	-1.0	15.2	22.1
Transport equipment (73)	59.5	0.9	15.4	24.2	24.1
Clothing and footwear (84,85)	95.4	-3.4	1.6	6.4	21.1

a/ Trade effects and rate of growth were estimated using data for the years 1972 and 1978.

FRANCE

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
	Food products (311/2)	11.2	11.0	1.22	1.23	0.244	0.310
Beverages (313)	3.7	3.6	1.83	1.71	0.530	0.498
Tobacco (314)	1.7	1.7	1.75	1.80	0.778	0.673
Textiles (321)	5.3	4.2	0.99	0.90	0.425	0.425
Weaving apparel (322)	2.6	2.5 b/	0.93	0.95 b/	0.457	0.444
Leather and fur products (323)	0.6	0.5	1.27	1.13	0.367	0.416
Footwear (324)	1.1	0.8	1.44	1.41	0.500	0.534
Wood and cork products (331)	1.6	1.2	0.74	0.62	0.387	0.416
Furniture and fixtures excluding metal (332)	1.3	1.0	0.77	0.57	0.404	0.333
Paper (341)	3.0	2.8	0.83	0.82	0.384	0.391
Printing and publishing (342)	3.1	2.8	0.69	0.71	0.429	0.414
Industrial chemicals (351)	3.8	5.3	0.81	0.95	0.441	0.438
Other chemicals (352)	3.8	3.7	0.96	0.79	0.440	0.352
Petroleum refineries (353)	5.7	5.2	2.52	2.29	0.543	0.346
Miscellaneous products of petroleum and coal (354)	0.1	0.0	0.19	0.11	...	0.429
Rubber products (355)	1.6	1.7	1.06	1.11	0.582	0.579
Plastic products (356)	1.5	1.6	0.94	0.74	0.500	0.384
Pottery, china and earthenware (361)	0.3	0.3	0.63	0.62	0.500	0.500
Glass (362)	1.0	1.3	1.10	1.30	0.650	0.615
Other non-metallic mineral products (369)	2.2	2.0	0.71	0.67	0.535	0.507
Iron and steel (371)	7.6	6.0	1.13	1.05	0.455	0.380
Non-ferrous metals (372)	1.7	1.7	0.98	1.00	0.275	0.345
Metal products, excluding machinery (381)	5.3	4.9	0.76	0.74	0.554	0.566
Non-electrical machinery (382)	11.7	12.4	1.06	1.15	0.567	0.537
Electrical machinery (383)	6.0	8.3	0.76	0.91	0.530	0.507
Transport equipment (384)	10.0	10.8	1.02	1.04	0.431	0.459
Professional and scientific equipment, photographic and optical goods (385)	1.2	1.2	0.60	0.59	0.614	0.559

a/ Relative to all large countries.

b/ Estimated.

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	1.31	1.09	1.18
Beverages (313)	2.07*	1.92*	1.62
Tobacco (314)	2.42*	3.08*	2.64*
Textiles (321)	0.86	1.14	0.99
Wearing apparel (322)	1.14	1.15	0.91
Leather and fur products (323)	1.35	1.48	1.25
Footwear (324)	1.64	1.67*	1.32
Wood and cork products (331)	0.73	0.60	0.85
Furniture and fixtures excluding metal (332)	0.77	0.70	0.71
Paper (341)	0.82	0.78	0.66
Printing and publishing (342)	0.83	0.71	0.64*
Industrial chemicals (351)	0.69	0.80	0.79
Other chemicals (352)	0.77	1.07	0.81
Petroleum refineries (353)	3.02	4.30**	2.54
Miscellaneous products of petroleum and coal (354)	0.12*	0.13*	0.23*
Rubber products (355)	1.03	1.60	0.91
Plastic products (356)	0.91	1.04	0.74
Pottery, china and earthenware (361)	0.79	0.83	0.85
Glass (362)	0.92	1.35	1.03
Other non-metallic mineral products (369)	0.65	0.67*	0.62*
Iron and steel (371)	0.92	1.27	0.94
Non-ferrous metals (372)	0.69	1.06	0.90
Metal products, excluding machinery (381)	0.68	0.75	0.63*
Non-electrical machinery (382)	0.97	0.99	1.26
Electrical machinery (383)	0.68	0.90	0.69
Transport equipment (384)	0.75	1.06	0.82
Professional and scientific equipment, photographic and optical goods (385)	1.12	0.87	0.92
Other manufactures (390)	1.15	1.21	1.30
Total manufacturing (300)	0.91	0.99	0.93

^{a/} Large countries.

FRANCE

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g)
- | Fish, tinned(407;g)
- | Margarine, imitation lard, etc.(501;g)
- | Flour, wheat(601;kg)
- | Meal and groats of all cereals(604;kg) a/
- | Raw sugar(801;kg)
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oil, soya bean(510 and 513;kg) b/ c/ a/
- | Oil, groundnut(522 and 525;kg) b/

Textiles(321)

- | Wool yarn, pure and mixed(103;g)
- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g)
- | Wollen woven fabrics(134;g)
- | Knitted fabrics(301;g)

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg)
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
31.3	22.2	101.8	103.6	6.1	10.3	1.020	0.653
1782.0	1038.0	210.0	269.8	2.5	9.0	0.463	0.326
8507.0	8970.0	165.0	170.9	2.3	7.2	2.115	1.942
7948.0	9065.0	114.6	110.7	2.7	10.4	1.979	2.357
13131.0	15440.0	114.4	115.7	4.8	7.1	2.055	1.958
19987.0	17738.0	110.2	113.0	8.0	15.2	1.953	0.658
2604.0	2680.0	71.3	67.6	30.7	35.1	1.559	1.848
3334.0	3452.0	96.1	90.1	5.7	12.9	0.574	0.547
52.8	44.2	126.4	142.7	0.0	0.1	0.693	0.767
6.2	7.9	110.4	103.7	4.7	10.3	0.332	1.362
59.4	68.9	90.9	94.7	11.9	10.2	1.492	1.602
164.8	236.3	100.9	101.2	1.2	1.0	1.173	1.153
2.8	3.3	113.9	93.0	27.8	53.0	0.207	0.167
6.3	...	56.1	...	48.7	...	3.706	...
2875.0	2550.0	102.1	104.2	0.5	0.8	1.066	1.333
5198.0	4755.0	101.8	94.9	2.8	9.2	1.181	1.101
4117.0	3832.0	94.9	89.8	10.7	18.1	1.272	1.249
1291.0	1208.0	102.6	94.8	10.3	14.6	1.042	1.012
688.0	915.0	98.3	76.1	36.3	46.1	0.444	0.369
12.6	9.6	73.2	85.2	26.8	14.8	0.569	0.322
2.3	0.4	94.1	45.7	10.4	68.6	1.095	0.222
30.8	36.8	49.6	48.2	55.5	56.9	0.390	0.412
11.5	11.2	66.6	45.2	33.7	55.4	0.444	0.429
30.9	34.2	92.8	96.4	18.3	22.9	0.969	0.838

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals (351)								
Methanol (methyl alcohol) (121;g)	4952.0	5926.0	88.8	113.2	11.2	5.4	0.592	0.370
Chlorine (145;kg)	29.1	33.1	99.7	98.9	1.0	1.8	1.106	1.034
Sulphuric acid (147;kg)	79.4	82.9	96.3	96.8	4.8	4.1	0.854	0.842
Nitric acid (149;kg) a/	55.1	57.7	100.7	100.5	0.3	0.3	2.033	1.886
Ammonia (158;g)	33.7	38.8	99.7	94.4	10.0	12.4	1.170	0.686
Caustic soda (159;kg)	18.2	23.4	126.0	105.4	6.4	9.2	0.636	0.762
Calcium carbide (173;kg)	4.8	1.7	102.8	109.1	0.9	0.7	0.727	0.548
Dyestuffs, synthetic (174;g)	548.0	760.0	96.9	60.5	54.8	58.8	1.017	1.382
Nitrogenous fertilizers (201;kg)	29.6	30.7	90.0	67.3	39.8	62.8	1.345	1.125
Phosphatic fertilizers (204 and 207;kg)	27.5	...	73.0	...	29.9	...	2.022	...
Potassic fertilizers (210;kg)	22.4	27.1	158.5	115.8	21.7	24.3	1.198	1.322
Rubber, synthetic (201;g)	5292.0	5567.0	122.2	159.0	53.9	57.3	0.771	0.727
Petroleum refineries (353)								
Residual fuel oils (022;kg)	1194.7	1178.1	103.2	102.6	1.9	4.0	2.084	2.225
Iron & steel (371)								
Other ferro-alloys (013;kg)	6.8	9.9	107.6	107.8	30.4	29.4	0.764	0.990
Wire rods (028;kg)	29.9	30.6	163.1	141.4	16.3	22.8	0.909	0.994
Angles, shapes, sections, 80 mm or more (036;kg)	25.0	20.2	103.1	104.8	40.3	52.5	0.887	0.805
Angles, shapes, sections, under 80 mm (037;kg)	76.5	57.1	97.8	93.8	7.8	8.5	1.140	0.877
Plates (heavy), over 4.75 mm (040;kg)	45.2	47.0	70.3	76.4	47.1	38.5	1.032	1.133
Plates (medium), 3 to 4.75 mm (043;kg)	10.4	17.8	91.3	93.9	26.3	16.7	0.812	1.496
Tubes, seamless (076;kg)	9.0	8.2	127.3	129.1	31.1	33.8	0.776	0.732
Tubes, welded (079;kg)	18.4	17.7	124.9	148.0	19.8	31.6	0.760	0.720
Steel castings in the rough state (085;kg)	...	3.8	...	102.4	...	2.6	...	0.745
Steel forgings (088;kg)	...	2.1	...	87.4	...	17.8	...	0.382
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g)	6965.0	6400.0	8.7	12.4	92.8	91.8	0.820	0.757
Aluminium, unwrought (022;g) d/	10116.0	12246.0	93.9	82.8	35.0	41.9	0.675	0.651
Lead, refined, unwrought (037;g)	3748.0	3503.0	90.0	96.8	23.4	25.4	0.819	0.718

a/ For second period: 1976 only.

b/ Estimates.

c/ For first period: 1972 only.

d/ Production data include additional related products.

FRANCE

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	21.5	7.8	0.5	0.2	20.4
Chemicals (5)	84.6	4.0	-0.8	12.3	23.8
Manufactured goods classified chiefly by material (6)	97.5	2.2	3.7	-3.4	17.4
Machinery and transport equipment (7)	86.7	11.9	-0.4	1.8	21.5
Miscellaneous manufactured articles (8)	110.2	7.9	-0.5	-17.5	19.9
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	102.3	-3.2	0.7	0.2	19.9
Wood and cork manufactures, excluding furniture (63)	91.8	19.9	1.8	-13.5	21.8
Paper, paperboard and manufactures thereof (64)	70.5	3.3	4.7	21.5	21.3
Textile yarn, fabrics, made-up articles and related products (65)	118.0	11.3	-1.4	-27.9	14.1
Non-metallic mineral manufactures, n.e.s. (66)	125.6	5.0	-15.1	-15.5	19.4
Iron and steel (67)	105.4	-3.2	-0.4	-1.7	16.2
Non-ferrous metals (68)	65.8	1.8	14.3	18.3	16.8
Manufactures of metal, n.e.s. (69)	83.6	4.5	5.3	4.6	21.6
Machinery, other than electric (71)	81.9	8.7	0.6	8.8	21.4
Electrical machinery, apparatus and appliances (72)	89.5	11.4	0.5	-1.5	22.4
Transport equipment (73)	90.0	14.8	-1.6	-3.2	21.1
Clothing and footwear (84, 85)	140.8	9.2	1.0	-51.0	18.7

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output $\frac{a}{b}$	
	1970	1978	1970	1978
Food products (311/2)	17.6	15.5	1.33	1.51
Beverages (313)	3.1	2.8	1.45	1.58
Tobacco (314)	1.1	0.5	2.09	1.36
Textiles (321)	7.0	6.3	0.93	1.01
Wearing apparel (322)	3.2	2.6	0.62	0.62
Leather and fur products (323)	1.1	1.1	1.42	1.76
Footwear (324)	0.8	0.8	0.47	0.60
Wood and cork products (331)	1.5	1.5	0.74	0.97
Furniture and fixtures excluding metal (332)	1.4	1.4	1.07	1.04
Paper (341)	1.3	1.2	1.18	1.20
Printing and publishing (342)	1.0 $\frac{b}{}$	0.9 $\frac{b}{}$	0.99 $\frac{b}{}$	1.01 $\frac{b}{}$
Industrial chemicals (351)	7.3	7.9	1.44	1.36
Other chemicals (352)	1.0	1.1	1.01	1.03
Petroleum refineries (353)	2.3	2.5	1.76	1.66
Miscellaneous products of petroleum and coal (354)	0.3	0.2	0.28	0.23
Rubber products (355)	2.9	2.9	2.54	2.66
Plastic products (356)	1.1	1.4	1.69	1.77
Pottery, china and earthenware (361)	0.8	0.8	1.01	0.97
Glass (362)	0.6	0.6	0.72	0.63
Other non-metallic mineral products (369)	1.9	1.8	0.36	0.41
Iron and steel (371)	4.9	4.7	0.79	0.94
Non-ferrous metals (372)	1.5	1.6	0.52	0.62
Metal products, excluding machinery (381)	4.3	4.3	1.05	1.05
Non-electrical machinery (382)	14.1	13.4	1.08	0.97
Electrical machinery (383)	7.3	9.0	1.29	1.18
Transport equipment (384)	6.7	8.2	0.87	0.92
Professional and scientific equipment, photographic and optical goods (385)	3.2	3.9	1.32	1.34

$\frac{a}{}$ Relative to all centrally planned economies.
 $\frac{b}{}$ Estimated.

GERMAN DEMOCRATIC REPUBLIC

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group g/
Food products (311/2)	1.43	1.80*	
Beverages (313)	1.20	1.26	
Tobacco (314)	1.20	1.30	
Textiles (321)	1.09	1.15	
Wearing apparel (322)	0.93	1.04	
Leather and fur products (323)	1.85	1.57*	
Footwear (324)	1.02	0.91	
Wood and cork products (331)	0.76	0.65	
Furniture and fixtures excluding metal (332)	0.77	0.69	
Paper (341)	0.37*	0.63	
Printing and publishing (342)	0.27*	0.71	
Industrial chemicals (351)	1.31	1.10	
Other chemicals (352)	0.32*	0.57	
Petroleum refineries (353)	1.98	1.22	
Miscellaneous products of petroleum and coal (354)	0.78	0.72	
Chemical products (355)	1.40	1.88*	
Plastic products (356)	0.53	1.04	
Pottery, china and earthenware (361)	1.88	1.30	
Glass (362)	0.67	0.63	
Other non-metallic mineral products (369)	0.54*	0.57*	
Iron and steel (371)	0.73	0.52	
Non-ferrous metals (372)	1.19	0.95	
Metal products, excluding machinery (381)	0.58	0.82	
Non-electrical machinery (382)	1.19	0.91	
Electrical machinery (383)	0.67	0.98	
Transport equipment (384)	0.61	0.96	
Professional and scientific equipment, photographic and optical goods (385)	1.77	1.13	
Other manufactures (390)	0.44	0.35*	
Total manufacturing (36-39)	2.24*	1.73**	

g/ Country not assigned to any group due to lack of appropriate data.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
	Food products (311/2)	6.4	7.0	0.70	0.78	0.412	0.310
Beverages (313)	2.0	2.0	0.98	0.94	0.751	0.569
Tobacco (314)	0.4	0.5	0.45	0.48	0.832	...
Textiles (321)	3.4	3.1	0.63	0.66	0.487	0.406
Wearing apparel (322)	2.8	2.1	1.02	0.82	0.536	0.535
Leather and fur products (323)	0.5	0.4	1.12	0.88	0.552 b/	0.418 b/
Footwear (324)	0.7	0.4	0.89	0.63	0.633 b/	0.513 b/
Wood and cork products (331)	1.0	1.1	0.48	0.58	0.613 g/	0.585 g/
Furniture and fixtures excluding metal (332)	2.8	3.2	1.61	1.85	...	...
Paper (341)	2.4	2.6	0.68	0.75	0.488	0.423
Printing and publishing (342)	2.8	2.8	0.63	0.70	0.713	0.699
Industrial chemicals (351)	5.3	6.8	1.13	1.22	0.456 d/b/	0.368 d/b/
Other chemicals (352)	3.2	3.4	0.80	0.73	...	...
Petroleum refineries (353)	0.7	0.7	0.33	0.29	0.084 g/b/	0.052 g/b/
Miscellaneous products of petroleum and coal (354)	0.1	0.1	0.38	0.31	...	...
Rubber products (355)	1.4	1.3	0.95	0.87	0.521	0.519
Plastic products (356)	2.0	3.1	1.21	1.39	0.568	0.456
Pottery, china and earthenware (361)	1.0	0.8	1.90	1.66	0.587	0.594 f/
Glass (362)	0.9	1.1	0.97	1.11	0.611	0.560
Other non-metallic mineral products (369)	3.8	3.3	1.23	1.11	0.805	0.668
Iron and steel (371)	9.7	8.0	1.44	1.40	0.452	0.537
Non-ferrous metals (372)	0.9	1.0	0.53	0.56	0.299	0.240
Metal products, excluding machinery (381)	7.6	7.0	1.09	1.04	0.511	0.508
Non-electrical machinery (382)	14.3	12.5	1.29	1.16	0.563	0.536
Electrical machinery (383)	9.8	11.5	1.25	1.28	0.565	0.586
Transport equipment (384)	10.8	11.8	1.10	1.13	0.525	0.474
Professional and scientific equipment, photographic and optical goods (385)	2.4	2.0	1.24	0.96	0.798	0.787

- g/ Relative to all large countries.
b/ Estimated.
g/ Including ISIC 332.
d/ Including ISIC 352.
e/ Including ISIC 354.
f/ 1976.

GERMANY, FEDERAL REPUBLIC OF

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group g/
Food products (311/2)	0.93	0.91	0.84
Beverages (313)	1.36	1.29	1.12
Tobacco (314)	0.97	1.11	0.93
Textiles (321)	0.60	0.99	0.77
Wearing apparel (322)	1.14	1.37	0.78
Leather and fur products (323)	1.11	1.21	0.92
Footwear (324)	0.91	0.99	0.83
Wood and cork products (331)	0.60	0.49 ^g	0.85
Furniture and fixtures excluding metal (332)	2.11	2.02 ^g	1.78
Paper (341)	0.74	0.87	0.57
Printing and publishing (342)	0.86	1.10	0.83 ^g
Industrial chemicals (351)	0.88	0.96	0.91
Other chemicals (352)	0.78	1.31	0.74
Petroleum refineries (353)	0.52	0.51	0.43
Miscellaneous products of petroleum and coal (354)	0.35	0.34	0.70
Rubber products (355)	0.79	1.42	0.74
Plastic products (356)	1.37	2.05 ^g	1.15
Pottery, china and earthenware (361)	2.27	2.29 ^g	2.21 ^g
Glass (362)	0.83	1.29	1.07
Other non-metallic mineral products (369)	1.19	1.32	1.08
Iron and steel (371)	1.12	1.39	1.05
Non-ferrous metals (372)	0.40	0.67	0.87
Metal products, excluding machinery (381)	1.01	1.38	1.00
Non-electrical machinery (382)	0.87	0.77	0.99
Electrical machinery (383)	0.83	1.35	0.88
Transport equipment (384)	0.68	1.21	0.89
Professional and scientific equipment, photographic and optical goods (385)	1.47	0.91	0.97
Other manufactures (390)	0.56	0.83	0.89
Total manufacturing (300)	1.12	1.29	1.17

GERMANY, FEDERAL REPUBLIC OF

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption	
	1970-1972	1976-1978	1970-1972	1975-1978	1970-1972	1975-1978	1970-1972	1976-1978
Food products (311)								
Beef and veal, fresh (101;kg) g/	23.1	22.3	89.0	97.8	14.7	15.2	0.752	0.656
Milk and cream, condensed (201;g)	7690.0	6072.0	96.7	126.8	12.9	13.8	1.996	1.908
Milk and cream, dried (204;g)	4896.0	8097.0	156.0	137.8	13.4	26.5	1.217	1.753
Butter (207;g)	7881.0	7433.0	100.2	119.2	9.7	7.4	1.962	1.933
Cheese (210;g)	10000.0	12045.0	84.4	92.3	26.1	27.6	1.568	1.528
Vegetables, tinned or bottled (222;g)	11684.0	13818.0	37.6	22.5	63.9	80.0	1.141	0.513
Fish, tinned (407;g)	1156.0	1228.0	67.7	71.1	47.4	64.6	0.692	0.709
Margarine, imitation lard, etc. (501;g)	10171.0	9831.0	101.6	101.2	0.4	4.3	1.762	1.658
FLOUR, wheat (601;kg)	33.2	32.7	118.0	120.9	1.8	2.3	0.562	0.566
FLOUR, cereal, other than wheat (607;kg)	7.0	6.1	100.0	99.5	0.9	1.3	0.972	1.070
Bread, ships' biscuits, etc. (704;kg)	16.6	19.9	99.6	100.7	1.8	2.4	0.506	0.703
Raw sugar (801;kg)	37.5	48.5	98.3	100.6	1.7	0.4	0.942	1.128
Refined sugar (804;kg)	32.3	38.5	101.8	117.5	5.9	5.1	0.801	0.941
Prepared animal feeds (312201;kg)	121.0	163.5	103.0	106.2	1.0	1.2	0.861	0.798
Vegetable oils (311)								
Oil, soya bean (510 and 513;kg) b/	10.0	...	105.2	...	6.1	...	0.741	...
Textiles (321)								
Wool yarn, pure and mixed (103;g)	1390.0	888.0	98.5	101.3	3.6	6.5	0.526	0.464
Cotton yarn, pure and mixed (109;g)	4485.0	4362.0	83.1	68.1	18.6	36.5	1.020	1.010
Cotton woven fabrics (128;g)	3242.0	3101.0	92.7	92.3	12.4	20.3	1.002	1.011
Woolen woven fabrics (134;g)	1120.0	798.0	74.7	76.6	37.8	50.1	0.904	0.468
Knitted fabrics (301;g)	1133.0	866.0	126.5	139.9	29.9	43.0	0.731	0.366
Pulp and paper (341)								
Wood pulp, mechanical (101;kg)	15.2	17.7	88.5	90.5	11.5	9.7	0.710	0.594
Pulp of fibres other than wood (104;kg)	0.9	...	67.6	...	38.0	...	0.429	...
Wood pulp, sulphate and soda (110;kg)	39.4	36.1	29.8	26.0	70.2	74.0	0.772	0.404
Newsprint (119;kg)	18.0	16.0	40.7	53.1	61.8	50.2	0.495	0.613
Other printing and writing paper (122;kg)	30.3	41.9	88.2	80.3	30.9	42.6	0.950	1.027

GERMANY, FEDERAL REPUBLIC OF

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Industrial chemicals(35)									
Methanol(methyl alcohol)(121;g)	15775.0	18833.0	95.1	78.7	13.2	25.8	1.886	1.177	
Chlorine(145;kg)	32.1	47.0	95.4	99.3	5.8	2.9	1.221	1.469	
Sulphuric acid(147;kg)	71.1	46.6	104.2	113.8	3.1	1.7	0.765	0.676	
Nitric acid(145;kg)	51.2	45.8	100.1	100.9	0.0	0.2	1.889	1.497	
Ammonia(158;kg)	33.4	29.6	90.4	106.1	11.6	7.2	1.150	0.623	
Caustic soda(159;kg)	26.5	35.7	111.3	142.9	10.5	7.3	0.927	1.163	
Calcium carbide(173;kg)	12.6	8.0	98.6	102.6	1.7	0.3	1.909	2.681	
Dyestuffs, synthetic(174;g) c/	574.0	1022.0	323.3	222.9	40.7	38.0	1.065	1.858	
Nitrogenous fertilizers(201;kg)	9.1	17.8	184.5	83.4	106.9	119.9	0.414	3.652	
Phosphatic fertilizers(204 and 207;kg)	3.4	6.8	91.7	50.2	13.2	55.3	0.250	0.600	
Potassic fertilizers(210;kg)	8.0	5.4	468.6	647.9	8.2	25.5	0.428	3.263	
Insecticides, fungic., disinfect., etc.(216;g) c/	1361.0	2050.0	237.6	203.2	18.0	23.7	0.643	1.031	
Rubber, synthetic(301;g)	6262.0	6737.0	86.7	99.2	48.4	54.7	0.912	0.880	
Petroleum refineries(352)									
Distillate fuel oils(019;kg)	953.3	989.2	69.1	66.6	34.2	35.0	1.714	1.592	
Residual fuel oils(022;kg)	549.2	442.0	98.9	92.1	12.8	18.5	0.958	0.873	
Iron & steel(37)									
Other ferro-alloys(013;kg)	10.1	10.7	61.6	42.7	48.1	70.4	1.135	1.070	
Wire rods(028;kg)	62.1	56.4	93.2	97.3	24.0	25.5	1.888	1.831	
Angles, shapes, sections, 80 mm or more(036;kg)	34.9	31.0	105.7	114.3	33.2	46.7	1.238	1.235	
Angles, shapes, sections, under 80 mm(037;kg)	88.7	71.8	102.1	99.1	5.6	4.6	1.322	1.103	
Plates(heavy), over 4.75 mm(040;kg)	66.8	58.0	111.3	106.3	28.3	35.9	1.525	1.398	
Plates(media), 3 to 4.75 mm(043;kg)	9.5	8.2	81.8	97.2	41.2	50.9	0.742	0.689	
Tubes, seamless(076;kg)	17.2	9.9	158.6	275.2	15.2	34.9	1.483	0.884	
Tubes, welded(079;kg) c/	25.9	26.2	130.8	120.6	15.6	25.9	1.070	1.065	
Steel castings in the rough state(085;kg)	5.5	4.4	101.3	105.0	2.9	2.1	0.949	0.863	
Steel forgings(088;kg)	4.6	4.2	105.8	113.1	0.9	0.7	0.754	0.764	
Non-ferrous metals(372)									
Copper, refined, unwrought(004;g)	12150.0	13226.0	54.2	52.8	58.5	57.8	1.431	1.564	
Aluminium, unwrought(022;g)	11840.0	15100.0	58.5	82.6	50.6	44.7	0.790	0.803	
Lead, refined, unwrought(037;g)	5815.0	5222.0	82.8	92.5	35.2	36.9	1.270	1.071	
Zinc, unwrought(043;g)	6471.0	5702.0	77.9	90.5	39.7	40.2	1.169	1.126	
Tin, unwrought(049;g)	273.0	254.0	13.8	23.3	92.7	100.9	1.157	1.054	

- a/ Production data include additional related products.
b/ Estimates.
c/ Production statistics do not provide for complete coverage.

GERMANY, FEDERAL REPUBLIC OF

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1974-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	99.2	0.5	1.7	-1.3	19.3
Chemicals (5)	105.9	0.9	-2.7	-4.2	19.6
Manufactured goods classified chiefly by material (6)	93.1	-0.2	2.9	4.1	19.2
Machinery and transport equipment (7)	102.1	0.1	-0.9	-1.2	19.7
Miscellaneous manufactured articles (8)	102.5	2.3	4.2	-10.0	19.4
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	96.1	-6.7	6.1	4.6	19.5
Rubber manufactures, n.e.s. (62)	86.1	-1.0	-0.7	15.6	22.4
Wood and cork manufactures, excluding furniture (63)	73.1	8.6	1.6	16.6	22.5
Paper, paperboard and manufactures thereof (54)	53.9	5.8	3.6	26.7	22.7
Textile yarn, fabrics, made-up articles and related products (65)	95.3	1.6	-3.4	6.6	15.1
Non-metallic mineral manufactures, n.e.s. (56)	118.4	0.6	-15.0	-4.1	19.1
Iron and steel (67)	103.6	-1.2	5.7	-8.1	17.2
Non-ferrous metals (68)	98.0	1.3	2.4	38.3	18.2
Manufactures of metal, n.e.s. (69)	114.4	-4.0	-4.2	-6.2	19.7
Machinery, other than electric (71)	101.5	-4.0	-2.1	4.6	18.5
Electrical machinery, apparatus and appliances (72)	102.5	-1.7	1.1	-1.3	21.3
Transport equipment (73)	100.3	6.1	1.7	-8.1	20.3
Clothing and footwear (84, 85)	90.0	5.2	1.8	3.1	22.1

GHANA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.96	0.94	0.81
Beverages (313)	1.77	1.78	1.38
Tobacco (314)	0.87	0.83	1.40
Textiles (321)	1.97	2.07	1.32
Wearing apparel (322)	1.09	1.10	0.81
Leather and fur products (323)	0.62	0.64	0.40*
Footwear (324)	0.74	0.74	0.87
Wood and cork products (331)	2.43	2.55	3.90*
Furniture and fixtures excluding metal (332)	4.64**	4.91**	3.46*
Paper (341)	1.13	1.13	0.79
Printing and publishing (342)	1.61	1.64	2.47*
Industrial chemicals (351)	0.32*	0.32	1.39
Other chemicals (352)	0.88	0.82	1.96
Petroleum refineries (353)	0.67	0.64	0.60
Miscellaneous products of petroleum and coal (354)	1.90	1.98	2.90*
Rubber products (355)	1.02	1.03	1.11
Plastic products (356)	0.79	0.80	0.68
Pottery, china and earthenware (361)	-	-	-
Glass (362)	0.36*	0.38	1.06
Other non-metallic mineral products (369)	0.25**	0.25**	0.23**
Iron and steel (371)	5.09*	5.50*	2.54*
Non-ferrous metals (372)	12.26*	13.61*	8.82*
Metal products, excluding machinery (381)	0.93	0.96	1.33
Non-electrical machinery (382)	0.08**	0.09**	0.23*
Electrical machinery (383)	0.65	0.66	0.68
Transport equipment (384)	1.80	1.80	1.94
Professional and scientific equipment, photographic and optical goods (385)	0.50	0.45	0.62
Other manufactures (390)	1.13	1.23	2.76*
Total manufacturing (300)	0.94	1.05	1.23

^{a/} Small countries with ample resources and primary orientation.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1971 AND 1976-1977
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1977
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	89.5	-4.7	-8.0	23.3	17.7
Chemicals (5)	140.0	2.1	-3.0	-39.2	4.9
Manufactured goods classified chiefly by material (6)	77.0	-5.1	5.9	22.2	17.5
Machinery and transport equipment (7)	53.6	12.0	15.7	18.8	17.2
Miscellaneous manufactured articles (8)	14.2	1.3	-1.1	85.5	76.3
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	24.1	-2.8	-1.8	80.5	38.2
Wood and cork manufactures, excluding furniture (63) a/	62.3	-1.9	-5.4	45.0	27.1
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	16.7	-8.2	6.4	65.0	122.4
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	53.2	-5.6	37.1	15.4	15.6
Manufactures of metal, n.e.s. (69)	89.9	-2.2	2.1	10.2	46.1
Machinery, other than electric (71) a/	23.0	-6.2	2.2	81.0	44.6
Electrical machinery, apparatus and appliances (72)	59.7	13.9	-1.2	27.6	22.6
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	99.9	19.0	-3.3	-15.6	17.0

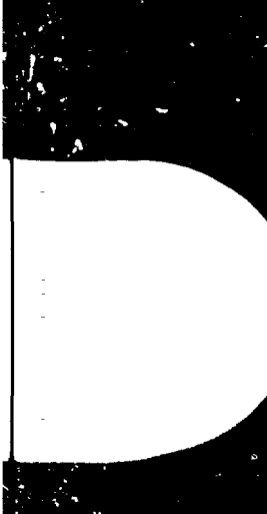
a/ Trade effects and rate of growth were estimated using data for the years 1970 and 1976.

GREECE

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
	Food products (311/2)	17.5	15.1	1.37	1.14	0.249	0.229
Beverages (313)	3.0	3.2	1.24	1.25	0.355	0.354
Tobacco (314)	1.9	1.5	1.68	1.52	0.249	0.201
Textiles (321)	15.3	17.8	3.08	3.98	0.388	0.368
Wearing apparel (322)	3.9	6.1	1.41	2.49	0.398	0.411
Leather and fur products (323)	1.8	0.9	3.70	2.27	0.319	0.299
Footwear (324)	1.6	1.3	1.89	2.36	0.361	0.400
Wood and cork products (331)	3.3	3.3	0.84	0.87	0.405	0.337
Furniture and fixtures excluding metal (332)	3.2	2.4	1.36	1.04	0.487	0.462
Paper (341)	2.5	2.2	0.57	0.54	0.307	0.345
Printing and publishing (342)	3.5	2.3	0.63	0.44	0.575	0.523
Industrial chemicals (351)	3.9	4.3	0.87	0.77	0.403	0.321
Other chemicals (352)	3.9	4.6	1.08	1.10	0.473	0.416
Petroleum refineries (353)	1.7	2.2	1.27	1.58	0.249	0.071
Miscellaneous products of petroleum and coal (354)	0.1	0.1	0.21	0.28	0.342	0.289
Rubber products (355)	0.9	0.9	0.78	0.73	0.511	0.481
Plastic products (356)	2.5	3.0	1.74	1.54	0.462	0.413
Pottery, china and earthenware (361)	0.6	0.9	1.38	2.11	0.634	0.621
Glass (362)	1.0	0.9	1.15	1.03	0.653	0.582
Other non-metallic mineral products (369)	5.5	6.2	1.52	1.80	0.515	0.443
Iron and steel (371)	2.6	2.7	0.57	0.66	0.302	0.255
Non-ferrous metals (372)	3.0	3.0	1.67	1.52	0.608	0.384
Metal products, excluding machinery (381)	6.6	5.5	0.88	0.74	0.370	0.387
Non-electrical machinery (382)	2.1	1.7	0.25	0.21	0.458	0.402
Electrical machinery (383)	3.3	3.3	0.49	0.44	0.342	0.360
Transport equipment (384)	3.7	3.0	0.51	0.42	0.528	0.558
Professional and scientific equipment, photographic and optical goods (385)	0.3	0.2	0.28	0.12	0.477	0.481

^{a/} Relative to all small countries with ample resources and industrial orientation.



GREECE

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group a/
Food products (311/2)	1.03	1.12	0.66*
Beverages (313)	0.85	0.83	0.73
Tobacco (314)	1.06	1.14	0.93
Textiles (321)	2.94*	1.96*	2.85*
Wearing apparel (322)	1.51	0.91	1.46
Leather and fur products (323)	2.16*	1.71*	1.95*
Footwear (324)	1.58	1.30	1.53
Wood and cork products (331)	1.30	1.22	0.95
Furniture and fixtures excluding metal (332)	1.43	0.97	1.24
Paper (341)	0.81	0.59*	0.62
Printing and publishing (342)	0.89	0.49*	0.65*
Industrial chemicals (351)	1.15	1.21	0.66
Other chemicals (352)	1.15	0.96	0.86
Petroleum refineries (353)	0.72	1.75	1.13
Miscellaneous products of petroleum and coal (354)	0.54	0.77	0.41
Rubber products (355)	0.76	0.55	0.70
Plastic products (356)	1.99	1.30	1.77*
Pottery, china and earthenware (361)	2.17	1.88	2.22*
Glass (362)	1.28	0.90	1.40
Other non-metallic mineral products (369)	1.44	1.11	1.24
Iron and steel (371)	0.84	0.87	1.36
Non-ferrous metals (372)	2.75	1.46	2.09
Metal products, excluding machinery (381)	1.12	0.65*	0.87
Non-electrical machinery (382)	0.56	0.64*	0.44*
Electrical machinery (383)	0.97	0.61*	0.81
Transport equipment (384)	0.89	0.51*	0.62
Professional and scientific equipment, photographic and optical goods (385)	0.46	0.73	1.01
Other manufactures (390)	0.61	0.41*	1.03
Total manufacturing (300)	1.02	0.62*	0.85

a/ Small countries with ample resources and industrial orientation.

GREECE

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)
 | Beef and veal, fresh (101;kg)
 | Butter(207;g)
 | Cheese(210;g)
 | Fish, tinned(407;g)
 | Margarine, imitation lard, etc.(501;g) a/
 | Flour, wheat(561;kg) a/
 | Raw sugar(801;kg) b/
 | Refined sugar(804;kg) a/
 | Prepared animal feeds(312201;kg) a/
Vegetable oils(311)
 | Oil, cotton seed(516 and 519;kg) b/ a/
 | Oil, olive(528 and 531;kg) c/
 | Oils, other, of vegetable origin(534 & 537;kg) a/
Textiles(321)
 | Wool yarn, pure and mixed(103;g)
 | Cotton woven fabrics(128;g) a/
 | Woollen woven fabrics(134;g) a/
Pulp and paper(341)
 | Pulp of fibres other than wood(104;kg) d/
Industrial chemicals(251)
 | Chlorine(145;kg) a/
 | Sulphuric acid(147;kg)
 | Nitric acid(149;kg)
 | Ammonia(158;kg) a/
 | Caustic soda(159;kg) a/
 | Dyestuffs, synthetic(174;g) e/ a/
 | Nitrogenous fertilizers(201;kg)
 | Phosphatic fertilizers(204 and 207;kg) a/
 | Potassic fertilizers(210;kg) a/
 | Insecticides, fungic., disinfect., etc.(216;g) a/
Petroleum refineries(352)
 | Distillate fuel oils(019;kg)
 | Residual fuel oils(022;kg)
Iron & steel(371)
 | Wire rods(028;kg) e/ a/
 | Tubes, seamless(076;kg) f/ a/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
16.0	22.7	63.4	53.5	36.6	46.5	0.521	0.668
823.0	993.0	91.6	75.6	8.5	24.5	0.205	0.258
16567.0	18764.0	100.5	98.0	1.9	2.7	2.593	2.380
799.0	856.0	6.2	24.5	97.0	92.9	0.478	0.495
3014.0	3892.0	99.6	99.8	0.6	0.5	0.519	0.617
59.5	67.0	101.3	114.5	0.2	0.3	1.007	1.163
16.0	...	100.0	...	0.0	...	0.402	...
20.6	32.0	79.0	106.9	22.4	0.1	0.511	0.782
32.4	58.4	88.7	101.2	11.3	6.0	0.231	0.285
6.5	5.3	100.0	101.1	0.0	0.6	2.407	3.533
27.9	35.9	99.7	106.8	2.6	0.0	2.022	2.563
2.8	3.8	125.5	99.9	1.5	9.6	0.277	0.469
2067.0	...	98.0	...	2.4	...	0.782	...
2342.0	3010.0	102.9	105.7	0.4	0.5	0.724	0.981
504.0	473.0	87.7	79.7	13.2	21.1	0.407	0.396
1.5	2.7	99.5	80.9	0.5	19.1	0.714	1.500
3.5	3.2	100.1	100.2	0.0	0.0	0.133	0.100
79.0	106.8	103.3	106.8	0.5	2.0	0.849	1.064
11.2	17.7	99.0	100.6	1.0	0.3	0.413	0.578
25.8	37.0	97.5	85.4	5.1	14.6	0.896	0.654
7.9	7.8	51.6	38.7	48.4	61.3	0.276	0.254
177.0	277.0	29.0	36.9	72.4	65.1	0.328	0.504
29.4	39.3	66.3	77.7	35.9	24.2	1.336	1.440
11.5	18.1	116.7	108.0	0.1	0.1	0.846	1.331
2.7	3.9	0.0	0.0	100.0	100.0	0.144	0.190
974.0	668.0	14.0	54.2	86.9	143.5	0.460	0.336
239.9	303.6	83.3	98.1	18.3	12.2	0.431	0.489
364.0	563.4	69.7	105.4	31.8	11.6	0.635	1.064
54.7	67.3	94.8	89.2	5.2	12.7	1.663	2.185
15.0	21.0	92.8	114.0	12.9	10.3	0.419	0.587

GREECE

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (322)</u>								
Aluminium, unwrought (022;g)	3686.0	6138.0	349.6	244.3	4.0	5.1	0.246	0.326
Lead, refined, unwrought (037;g)	4154.0	2969.0	66.7	74.4	33.3	28.1	0.907	0.609
Zinc, unwrought (043;g)	1045.0	...	1.3	...	99.2	...	0.189	...

a/ For second period: 1976 and 1977.

b/ For first period: 1971 and 1972.

c/ Estimates.

d/ For first period: 1970 and 1972.

e/ Production data include additional related products.

f/ All data include welded tubes (ISIC 371079).

GREECE

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	47.1	9.1	-1.5	46.3	26.3
Chemicals (5)	121.3	3.5	-8.0	-16.9	17.5
Manufactured goods classified chiefly by material (6)	44.9	8.6	2.7	43.7	24.5
Machinery and transport equipment (7)	27.9	18.5	2.6	51.1	38.0
Miscellaneous manufactured articles (8)	24.8	5.0	0.2	70.0	40.6
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	64.8	-7.0	12.9	29.3	20.9
Rubber manufactures, n.e.s. (62) a/	66.6	2.0	0.8	30.6	18.6
Wood and cork manufactures, excluding furniture (63)	26.9	54.1	-3.5	22.5	42.3
Paper, paperboard and manufactures thereof (64)	68.1	39.9	2.7	-10.7	19.0
Textile yarn, fabrics, made-up articles and related products (65)	31.4	3.8	1.0	63.9	31.4
Non-metallic mineral manufactures, n.e.s. (66)	16.0	10.9	2.1	71.0	53.0
Iron and steel (67)	70.6	0.7	-2.0	30.7	14.0
Non-ferrous metals (68)	72.0	-0.3	43.0	-14.7	18.1
Manufactures of metal, n.e.s. (69)	31.8	60.2	-0.3	8.3	38.7
Machinery, other than electric (71)	25.2	23.1	2.0	49.6	42.0
Electrical machinery, apparatus and appliances (72)	41.1	16.6	-0.5	42.7	36.8
Transport equipment (73)	19.1	17.5	-0.4	63.8	38.7
Clothing and footwear (84, 85)	18.9	-1.3	0.7	81.7	50.4

a/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.

GUATEMALA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group a/
Food products (311/2)	1.61	1.47	1.49
Beverages (313)	1.26	1.25	1.29
Tobacco (314)	1.03	0.99	1.06
Textiles (321)	2.00	2.23	1.71
Wearing apparel (322)	1.44	1.44	1.65
Leather and fur products (323)	1.59	1.72	1.80
Footwear (324)	4.62*	5.03*	4.57*
Wood and cork products (331)	1.16	1.22	1.35
Furniture and fixtures excluding metal (332)	1.78	1.93	2.12*
Paper (341)	0.99	0.94	0.97
Printing and publishing (342)	1.06	0.99	0.97
Industrial chemicals (351)	2.33*	2.99	2.87
Other chemicals (352)	1.52	1.36	1.15
Petroleum refineries (353)	0.56	0.55	0.76
Miscellaneous products of petroleum and coal (354)	0.10*	0.19*	0.10**
Rubber products (355)	1.46	1.59	1.63
Plastic products (356)	1.94	1.88	1.56
Pottery, china and earthenware (361)	0.07**	0.08**	b/
Glass (362)	1.21	1.50	2.14
Other non-metallic mineral products (369)	0.96	1.00	1.06
Iron and steel (371)	0.92	1.17	1.41
Non-ferrous metals (372)	0.03**	0.04*	0.05*
Metal products, excluding machinery (381)	1.71	1.79	1.68
Non-electrical machinery (382)	0.61	0.66	0.84
Electrical machinery (383)	1.75	1.82	1.53
Transport equipment (384)	0.59	0.60	0.70
Professional and scientific equipment, photographic and optical goods (385)	0.89	0.93	0.74
Other manufactures (390)	0.60	0.72	0.70
Total manufacturing (300)	1.32	1.51	1.12

a/ Small countries with modest resources.

b/ Corresponding group average pattern could not be identified.

GUATEMALA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products (311)								
Meat and veal, fresh (101;kg)	8.3	8.5	131.2	127.0	0.0	0.2	0.270	0.250
Milk and cream, dried (204;g)	853.0	959.0	42.5	36.4	59.4	63.9	0.212	0.208
Butter (207;g)	650.0	621.0	100.4	99.5	0.6	1.2	0.162	0.161
Cheese (210;g)	2043.0	1976.0	103.8	102.4	0.4	0.5	0.320	0.251
Flour, wheat (601;kg) a/	14.4	12.4	98.2	99.0	1.8	1.0	0.244	0.215
Raw sugar (801;kg)	26.6	34.0	149.6	214.0	0.1	0.0	0.668	0.791
Pulp and paper (341)								
Wood pulp, sulphate and soda (110;kg) b/ c/	3.0	...	25.3	...	74.7	...	0.038	...
Other printing and writing paper (122;kg)	0.9	0.8	159.6	187.6	21.4	17.4	0.028	0.020
Industrial chemicals (351)								
Methanol (methyl alcohol) (121;g)	24.0	60.0	0.0	0.0	100.0	100.0	0.003	0.004
Nitric acid (149;kg)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Caustic soda (149;kg)	1.2	1.2	0.0	0.0	100.0	100.0	0.042	0.039
Calcium carbide (173;kg)	0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
Dyestuffs, synthetic (174;g)	96.0	78.0	0.0	0.0	100.0	100.0	0.178	0.142
Nitrogenous fertilizers (201;kg)	...	21.6	...	4.2	...	96.8	...	0.791
Phosphatic fertilizers (204 and 207;kg) a/	1.9	3.1	0.0	19.7	100.0	80.3	0.140	0.228
Potassic fertilizers (210;kg) a/	0.7	1.8	0.0	0.0	100.0	100.0	0.037	0.088
Petroleum refineries (353)								
Distillate fuel oils (019;kg)	40.4	67.3	101.5	50.8	0.0	49.2	0.073	0.108
Residual fuel oils (022;kg) b/ c/	48.0	46.6	100.0	100.0	0.0	0.0	0.084	0.088
Iron & steel (371)								
Other ferro-alloys (013;kg) d/	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Plates (heavy), over 4.75 mm (040;kg)	5.4	7.7	0.0	0.0	100.0	100.0	0.123	0.186
Non-ferrous metals (372)								
Aluminium, unwrought (022;g) e/	-	51.0	0.0	0.0	100.0	100.0	0.000	0.003
Lead, refined, unwrought (027;g)	6.0	24.0	206.9	71.5	37.0	30.1	0.001	0.005
Zinc, unwrought (042;g)	423.0	552.0	0.0	0.0	100.0	100.0	0.076	0.109
Tin, unwrought (049;g)	2.0	2.0	0.0	0.0	100.0	100.0	0.008	0.008

- a/ For second period: 1976 and 1977.
b/ Trade data refer only to trade with OECD countries.
c/ For first period: 1970 only.
d/ For first period: 1970 and 1971.
e/ For first period: 1970 and 1972.

GUATEMALA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	132.4	-20.8	-7.4	-4.2	14.3
Chemicals (5)	114.1	-27.6	-13.3	26.8	19.2
Manufactured goods classified chiefly by material (6)	127.8	-12.9	0.9	-15.9	12.9
Machinery and transport equipment (7)	140.0	-11.0	12.9	-41.9	14.6
Miscellaneous manufactured articles (8)	169.3	-32.3	-4.2	-32.8	10.4
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (51)	155.4	45.9	-5.4	-96.9	12.2
Rubber manufactures, n.e.s. (62)	205.4	14.3	3.3	-123.0	10.1
Wood and cork manufactures, excluding furniture (63)	93.0	-4.7	-4.4	16.2	20.6
Paper, paperboard and manufactures thereof (64)	90.9	-12.5	7.2	14.4	13.3
Textile yarn, fabrics, made-up articles and related products (65)	140.8	-29.8	2.0	-13.9	3.7
Non-metallic mineral manufactures, n.e.s. (66)	97.1	1.6	-18.9	20.1	18.8
Iron and steel (57)	...	...	...	...	...
Non-ferrous metals (58)	6.5	4.1	2.4	97.0	28.8
Manufactures of metal, n.e.s. (69)	177.9	-52.6	-3.2	-21.6	12.4
Machinery, other than electric (71)	223.7	-17.7	-14.8	-91.2	16.6
Electrical machinery, apparatus and appliances (72)	170.0	-13.0	-4.3	-52.7	13.7
Transport equipment (73)	94.3	-0.9	1.8	4.9	19.0
Clothing and footwear (84, 85)	248.3	-45.8	-8.2	-53.6	3.9

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.00	0.97	1.00
Beverages (313)	0.22**	0.22*	0.19**
Tobacco (314)	0.42*	0.51	0.47
Textiles (321)	0.74	0.83	0.84
Wearing apparel (322)	2.44	2.59	2.63
Leather and fur products (323)	0.19**	0.19*	0.19*
Footwear (324)	2.48	2.40	1.74
Wood and cork products (331)	0.26*	0.21*	0.26*
Furniture and fixtures excluding metal (332)	0.33*	0.25*	0.31*
Paper (341)	2.00	1.99	1.30
Printing and publishing (342)	4.63**	4.16**	3.86*
Industrial chemicals (351)	0.19*	0.22*	0.15*
Other chemicals (352)	0.21**	0.21*	0.26**
Petroleum refineries (353)	-	-	-
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.14**	0.23*	0.33*
Plastic products (356)	0.21**	0.28*	0.27*
Pottery, china and earthenware (361)	-	-	-
Glass (362)	-	-	-
Other non-metallic mineral products (369)	1.97*	1.97*	1.76
Iron and steel (371)	...	...	...
Non-ferrous metals (372)	...	...	...
Metal products, excluding machinery (381)	5.45**	5.55**	5.26**
Non-electrical machinery (382)	1.58	1.39	1.40
Electrical machinery (383)	1.02	1.29	1.71
Transport equipment (384)	0.90	1.31	1.47
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	5.26*	4.37*	4.18*
Total manufacturing (300)	1.10	1.06	1.10

^{a/} Small countries with modest resources.

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption		1970-1972	1976-1978	1970-1972	1976-1978
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products (311)								
Beef and veal, fresh (101;kg) <u>a/</u>	...	3.2	...	103.9	...	0.1	...	0.094
Cheese (210;g) <u>a/</u>	...	347.0	...	83.8	...	16.2	...	0.044
Flour, wheat (601;kg) <u>b/ c/</u>	...	11.2	...	67.8	...	32.2	...	0.194
Raw sugar (801;kg) <u>a/</u>	...	13.5	...	105.7	...	0.0	...	0.314
Vegetable oils (311)								
Oil, cotton seed (516 and 519;kg) <u>d/ a/</u>	...	6.1	...	99.8	...	0.2	...	4.067
Textiles (321)								
Cotton woven fabrics (128;g) <u>d/ a/</u>	...	93.0	...	56.6	...	53.7	...	0.030
Pulp and paper (341)								
Newsprint (119;kg) <u>a/</u>	...	0.1	...	0.0	...	100.0	...	0.004
Other printing and writing paper (122;kg) <u>a/</u>	...	0.1	...	0.0	...	100.0	...	0.002
Industrial chemicals (351)								
Dyestuffs, synthetic (174;g) <u>a/</u>	...	4.0	...	0.0	...	100.0	...	0.007
Nitrogenous fertilizers (201;kg) <u>a/</u>	...	0.1	...	0.0	...	100.0	...	0.004
Phosphatic fertilizers (204 and 207;kg) <u>a/</u>	...	0.1	...	0.0	...	100.0	...	0.007
Potassic fertilizers (210;kg) <u>a/</u>	...	-	...	0.0	...	100.0	...	0.000
Petroleum refineries (353)								
Residual fuel oils (022;kg) <u>a/</u>	...	22.7	...	0.0	...	100.0	...	0.043
Iron & steel (371)								
Other ferro-alloys (013;kg) <u>a/</u>	...	-	...	0.0	...	100.0	...	0.000
Angles, shapes, sections, 80 mm or more (036;kg) <u>b/ c/</u>	...	0.2	...	0.0	...	100.0	...	0.006
Angles, shapes, sections, under 80 mm (037;kg) <u>b/ c/</u>	...	0.1	...	0.0	...	100.0	...	0.002
Plates (heavy), over 4.75 mm (040;kg) <u>a/</u>	...	0.3	...	0.0	...	100.0	...	0.007
Non-ferrous metals (372)								
Aluminium, unwrought (022;g) <u>a/</u>	...	3.0	...	0.0	...	100.0	...	0.000
Lead, refined, unwrought (037;g) <u>a/</u>	...	-	...	0.0	...	100.0	...	0.000
Tin, unwrought (049;g) <u>a/</u>	...	-	...	0.0	...	100.0	...	0.000

a/ For second period: 1976 and 1977.

b/ Trade data for 1977 refer only to trade with OECD countries.

c/ For second period: 1977 only.

d/ Estimates.

HONDURAS

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1969	1975
	Food products (311/2)	28.8	28.9	1.12	1.69	0.230	0.226
Beverages (313)	11.2	9.9	2.35	1.76	0.728	0.675
Tobacco (314)	3.7	4.3	1.18	1.29	0.544	0.560
Textiles (321)	3.1	2.9	0.24	0.25	0.351	0.246
Wearing apparel (322)	6.2	8.4	1.21	1.08	0.384	0.376
Leather and fur products (323)	1.9	1.6	2.55	2.19	0.316	0.327
Footwear (324)	2.3	2.1	1.37	1.64	0.454	0.390
Wood and cork products (331)	11.5	14.4	4.71	6.16	0.281	0.325
Furniture and fixtures excluding metal (332)	1.9	2.1	1.27	1.81	0.511	0.388
Paper (341)	2.3	2.6	1.05	1.16	0.112	0.129
Printing and publishing (342)	2.3	2.4	0.79	0.82	0.500	0.433
Industrial chemicals (351), Other chemicals (352)	0.3	0.4	0.15	0.14	0.392	0.227
Petroleum refineries (353)	4.6	5.8	1.44	1.43	0.249	0.198
Miscellaneous products of petroleum and coal (354)	5.0	2.4	1.56	0.63	...	0.013
Rubber products (355)	-	-	-	-	-	-
Plastic products (356)	0.8	1.1	0.63	0.99	0.402	0.374
Pottery, china and earthenware (361)	2.1	1.8 ^{b/}	0.90	0.55 ^{b/}	0.303	0.244
Glass (362)	0.1	0.1	0.51	0.35	...	...
Other non-metallic mineral products (369)	-	-	-	-	-	-
Iron and steel (371)	4.3	4.3	1.40	1.38	0.307 ^{c/}	0.286 ^{d/}
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	6.2	3.2	1.35	0.65	0.314 ^{b/}	0.338 ^{b/}
Non-electrical machinery (382)	0.1	0.2 ^{b/}	0.08	0.06 ^{b/}	0.549	0.330
Electrical machinery (383)	0.4	0.5	0.12	0.08	0.358	0.403
Transport equipment (384)	0.0	0.1 ^{b/}	0.01	0.03 ^{b/}	...	0.226
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.1	0.22	0.09	0.519	0.437

^{a/} Relative to all small countries with modest resources.^{b/} Estimated.^{c/} Including ISIC 361 and 353.^{d/} Including ISIC 361.

HONDURAS

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group <u>a/</u>
Food products (311/2)	1.20	1.08	1.12
Beverages (313)	1.77	1.71	2.00
Tobacco (314)	1.10	1.21	1.18
Textiles (321)	0.39*	0.46	0.47*
Wearing apparel (322)	1.78	1.73	1.99
Leather and fur products (323)	1.94	2.02	2.13
Footwear (324)	1.55	1.58	1.43
Wood and cork products (331)	4.47*	4.14*	4.91*
Furniture and fixtures excluding metal (332)	1.45	1.35	1.55
Paper (341)	1.36	1.31	1.05
Printing and publishing (342)	1.10	0.98	1.05
Industrial chemicals (351)	0.20*	0.21*	0.17*
Other chemicals (352)	1.72	1.94	1.73
Petroleum refineries (353)	1.03	1.20	1.39
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.88	1.25	2.00
Plastic products (356)	1.89	2.10	1.99
Pottery, china and earthenware (361)	0.32*	0.35	b/
Glass (362)	-	-	-
Other non-metallic mineral products (369)	1.15	1.18	1.27
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	1.22	1.28	1.39
Non-electrical machinery (382)	0.18*	0.19*	0.23*
Electrical machinery (383)	0.34*	0.39*	0.44
Transport equipment (384)	0.09**	0.11*	0.13*
Professional and scientific equipment, photographic and optical goods (385)	0.58	0.45	0.43
Other manufactures (390)	0.43	0.47	0.42
Total manufacturing (300)	1.44	1.54	1.43

a/ Small countries with modest resources.

b/ Corresponding group average pattern could not be identified.

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg) a/
- | Butter (207;g) a/
- | Cheese (210;g) a/
- | Margarine, imitation lard, etc. (501;g) b/
- | Flour, wheat (601;kg) a/
- | Raw sugar (801;kg) a/

Textiles (321)

- | Cotton woven fabrics (128;g) c/ a/

Pulp and paper (341)

- | Wood pulp, mechanical (101;kg) a/
- | Newsprint (119;kg) a/
- | Other printing and writing paper (122;kg) a/

Industrial chemicals (351)

- | Methanol (methyl alcohol) (121;g) a/
- | Nitric acid (149;kg) a/
- | Caustic soda (159;kg) a/
- | Calcium carbide (173;kg) a/
- | Dyestuffs, synthetic (174;g) a/
- | Nitrogenous fertilizers (201;kg) a/
- | Phosphatic fertilizers (204 and 207;kg) a/
- | Potassic fertilizers (210;kg) a/

Petroleum refineries (352)

- | Distillate fuel oils (019;kg) a/
- | Residual fuel oils (022;kg) d/ e/ a/

Iron & steel (371)

- | Other ferro-alloys (013;kg)
- | Angles, shapes, sections, 80 mm or more (036;kg) d/ e/
- | Angles, shapes, sections, under 80 mm (037;kg) d/ e/
- | Plates (heavy), over 4.75 mm (040;kg) a/
- | Plates (medium), 3 to 4.75 mm (043;kg) d/ e/
- | Tubes, seamless (076;kg) d/ e/
- | Tubes, welded (079;kg) d/ e/
- | Steel castings in the rough state (085;kg) d/ e/
- | Steel forgings (088;kg) d/ e/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
8.2	8.7	168.0	167.6	0.1	0.0	0.267	0.256
1362.0	1259.0	98.2	97.4	1.8	2.6	0.339	0.327
2716.0	2494.0	99.0	98.9	1.0	1.1	0.425	0.316
36.0	...	103.1	...	7.2	...	0.006	...
12.9	12.7	97.5	96.3	2.5	3.7	0.218	0.220
17.8	26.0	118.8	115.6	0.0	0.0	0.447	0.605
858.0	595.0	91.2	120.8	9.3	2.5	0.265	0.194
...	-	...	0.0	...	100.0	...	0.000
0.9	0.9	0.0	0.0	100.0	100.0	0.035	0.034
0.8	1.3	0.0	0.0	100.0	100.0	0.025	0.032
3.0	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000
0.4	1.1	0.0	0.0	100.0	100.0	0.014	0.036
0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
46.0	19.0	0.0	0.0	100.0	100.0	0.085	0.035
5.9	3.4	0.0	0.0	100.0	100.0	0.268	0.125
0.7	1.9	0.0	0.0	100.0	100.0	0.051	0.140
3.1	1.6	0.0	0.0	100.0	100.0	0.166	0.078
...	76.9	...	86.6	...	13.4	...	0.124
131.8	39.9	100.0	106.7	0.0	2.3	0.230	0.075
-	...	0.0	...	100.0	...	0.000	...
0.3	...	0.0	...	100.0	...	0.011	...
0.7	...	0.0	...	100.0	...	0.010	...
1.1	3.6	0.0	0.0	100.0	100.0	0.025	0.087
0.1	...	0.0	...	100.0	...	0.008	...
0.4	...	0.0	...	100.0	...	0.034	...
0.3	...	0.0	...	100.0	...	0.012	...
0.1	...	0.0	...	100.0	...	0.017	...
0.1	...	0.0	...	100.0	...	0.016	...

830330

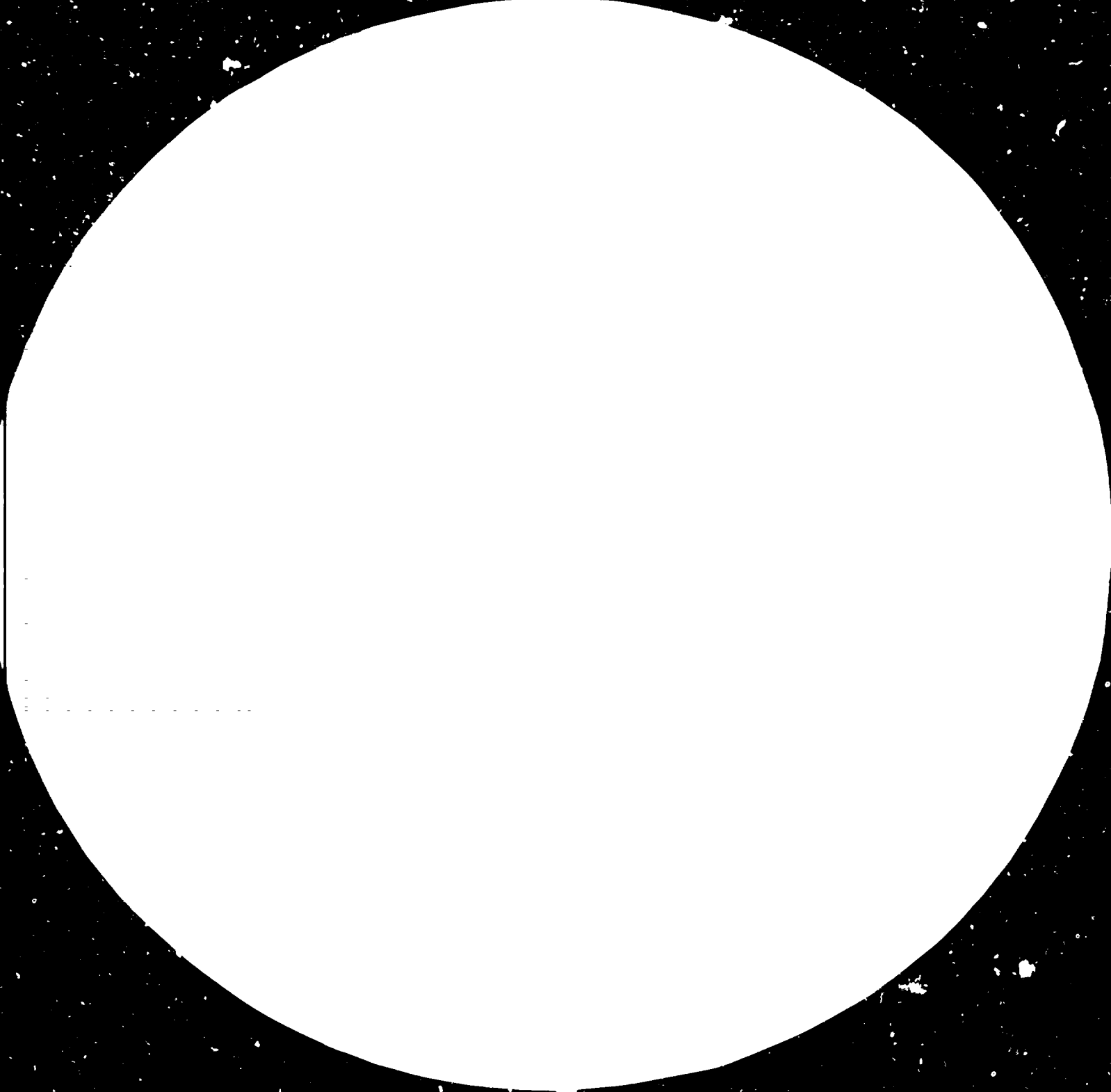


TABLE I
 Resolution of the Test Chart for the Various Test Objects and the
 Corresponding Values of the Modulation Transfer Function

Test Object	Resolution (cycles/mm)	Modulation Transfer Function (%)
1.0	1.0	100
1.1	1.1	90
1.25	1.25	80
1.4	1.4	70
1.6	1.6	60
1.8	1.8	50
2.0	2.0	40
2.2	2.2	30
2.5	2.5	20
2.8	2.8	10

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Lead, refined, unwrought (037;g) a/	15.0	22.0	0.0	0.0	100.0	100.0	0.003	0.005
Tin, unwrought (049;g) a/	2.0	9.0	0.0	0.0	100.0	100.0	0.008	0.037

a/ For second period: 1976 and 1977.

b/ For first period: 1971 only.

c/ Estimates.

d/ Trade data for 1970 refer only to trade with OECD countries.

e/ For first period: 1970 only.

HONG KONG

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1978 b/	1970	1978	1973	1978
	Food products (311/2)	2.0	2.4	0.09	0.14	0.293	0.299
Beverages (313)	1.5	1.6	0.32	0.28	0.651	0.615
Tobacco (314)	1.1	1.3	0.36	0.39	0.409	0.600
Textiles (321)	24.0	16.3	1.81	1.42	0.346	0.294
Wearing apparel (322)	18.4	25.4	3.59	3.27	0.338	0.363
Leather and fur products (323)	0.2	0.5	0.23	0.65	0.252	0.317
Footwear (324)	0.6	0.6	0.38	0.45	0.441	0.441
Wood and cork products (331)	1.4	0.9	0.58	0.38	0.352	0.355
Furniture and fixtures excluding metal (332)	2.0	1.0	1.29	0.95	0.487	0.456
Paper (341)	1.2	1.3	0.55	0.57	0.320	0.333
Printing and publishing (342)	4.1	3.7	1.41	1.29	0.501	0.469
Industrial chemicals (351)	0.4	0.6	0.19	0.25	0.507	0.305
Other chemicals (352)	1.4	1.2	0.44	0.30	0.322	0.390
Petroleum refineries (353)	-	-	-	-	-	-
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	0.6	0.4	0.44	0.37	0.426	0.368
Plastic products (356)	10.2	8.7	4.32	2.71	0.410	0.414
Pottery, china and earthenware (361)	0.1	0.1	0.26	0.1	0.636	0.500
Glass (362)	0.4	0.2	0.99	0.49	0.430	0.356
Other non-metallic mineral products (363)	0.4	1.0	0.15	0.31	0.257	0.200
Iron and steel (371)	1.0	0.7	0.68	0.44	0.263	0.254
Non-ferrous metals (372)	0.3	0.4	0.09	0.16	0.264	0.203
Metal products, excluding machinery (381)	7.3	7.7	1.58	1.55	0.444	0.404
Non-electrical machinery (382)	1.6	1.9	0.95	0.77	0.520	0.463
Electrical machinery (383)	10.7	12.4	2.97	1.77	0.317	0.300
Transport equipment (384)	3.7	2.1	1.10	0.61	0.613	0.521
Professional and scientific equipment, photographic and optical goods (385)	1.0	3.9	1.83	2.93	0.377	0.220

a/ Relative to all small countries with modest resources.
 b/ At current prices.

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.22**	0.19**	0.18*
Beverages (313)	0.50	0.59	0.70
Tobacco (314)	1.39	1.11	1.33
Textiles (321)	4.61**	5.25*	3.53*
Wearing apparel (322)	8.08**	7.39*	9.65**
Leather and fur products (323)	0.81	0.93	1.06
Footwear (324)	0.87	1.03	1.20
Wood and cork products (331)	0.68	0.85	0.92
Furniture and fixtures excluding metal (332)	0.84	1.13	1.18
Paper (341)	0.72	0.67	0.95
Printing and publishing (342)	1.68	1.58	1.78
Industrial chemicals (351)	0.16*	0.15*	0.19*
Other chemicals (352)	0.72	0.44*	0.39*
Petroleum refineries (353)	-	-	-
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.71	0.60	0.60
Plastic products (356)	7.85**	6.01**	4.48*
Pottery, china and earthenware (361)	0.27*	0.42	b/
Glass (362)	0.77	0.93	1.51
Other non-metallic mineral products (363)	0.17***	0.18**	0.24**
Iron and steel (371)	0.40	0.56	0.88
Non-ferrous metals (372)	0.63	1.34	1.65
Metal products, excluding machinery (381)	1.87*	2.02*	2.10*
Non-electrical machinery (382)	0.73	0.99	1.54
Electrical machinery (383)	3.47*	3.15*	2.02
Transport equipment (384)	1.16	0.95	1.18
Professional and scientific equipment, photographic and optical goods (385)	3.46*	4.73*	4.02*
Other manufactures (390)	3.70*	6.22*	5.88*
Total manufacturing (300)	1.79	2.36*	1.55

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

HONG KONG

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	67.5	-6.4	-1.5	20.5	19.9
Chemicals (5)	119.0	-6.4	-13.4	0.7	18.8
Manufactured goods classified chiefly by material (6)	101.2	-13.7	1.9	10.6	15.8
Machinery and transport equipment (7)	71.2	-7.5	8.8	27.5	23.9
Miscellaneous manufactured articles (8)	59.1	-5.1	-4.5	20.5	20.0
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	42.2	4.7	6.9	47.6	37.6
Rubber manufactures, n.e.s. (62)	53.6	-0.6	-2.2	49.1	27.7
Wood and cork manufactures, excluding furniture (63)	...	...	...	...	...
Paper, paperboard and manufactures thereof (64)	35.6	-12.3	9.3	67.4	30.4
Textile yarn, fabrics, made-up articles and related products (65)	91.4	-16.8	15.7	9.4	14.2
Non-metallic mineral manufactures, n.e.s. (66)	132.1	-40.6	11.6	-3.0	19.7
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	44.6	48.1	26.6	-19.4	19.3
Manufactures of metal, n.e.s. (69)	97.6	-9.8	-0.2	21.5	19.6
Machinery, other than electric (71)	25.5	6.6	-2.3	20.0	44.5
Electrical machinery, apparatus and appliances (72)	91.4	-10.7	-1.1	20.4	21.7
Transport equipment (73)	...	...	...	..	...
Clothing and footwear (84, 85)	83.3	-1.1	1.3	15.0	21.7

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	8.3	7.7	0.63	0.75	0.185	0.127
Beverages (313)	2.5	2.3	1.17	1.29	0.423	0.303
Tobacco (314)	0.3	0.3	0.64	0.83	0.420	0.216
Textiles (321)	7.1	5.3	0.95	0.86	0.361	0.291
Wearing apparel (322)	3.4	2.6	0.66	0.61	0.366	0.250
Leather and fur products (323)	1.0	0.8	1.26	1.38	0.322	0.239
Footwear (324)	1.6	1.5	0.91	1.09	0.364	0.258
Wood and cork products (331)	3.0	2.8	1.44	1.78	0.402	0.377
Furniture and fixtures excluding metal (332)	1.7	1.7	1.32	1.25	0.404	0.339
Paper (341)	1.7	1.7	1.54	1.74	0.461	0.355
Printing and publishing (342)	1.3	1.4	1.21	1.54	0.487	0.402
Industrial chemicals (351)	4.2	6.3 b/	0.83	1.09 b/	0.426	0.376
Other chemicals (352)	3.4	4.0	3.37	3.73	0.495	0.355
Petroleum refineries (353)	2.9	3.9	2.19	2.67	0.271	0.267
Miscellaneous products of petroleum and coal (354)	0.1	0.0	0.06	0.04	0.036	...
Rubber products (355)	1.2	1.3	1.07	1.15	0.406	0.338
Plastic products (356)	1.4	1.5	2.14	1.81	0.455	0.405
Pottery, china and earthenware (361)	0.8	0.8	0.98	0.94	0.629	0.575
Glass (362)	0.9	0.9	1.10	0.92	0.547	0.424
Other non-metallic mineral products (363)	4.1	2.7	0.79	0.59	0.540	0.434
Iron and steel (371)	8.5	7.0	1.36	1.40	0.381	0.279
Non-ferrous metals (372)	2.0	2.0	0.67	0.76	0.290	0.278
Metal products, excluding machinery (381)	5.7	3.8	1.39	0.92	0.428	0.397
Non-electrical machinery (382)	11.2	7.9	0.86	0.58	0.517	0.444
Electrical machinery (383)	8.4	11.5	1.47	1.53	0.480	0.402
Transport equipment (384)	6.1	8.8	0.79	0.99	0.367	0.345
Professional and scientific equipment, photographic and optical goods (385)	3.3	4.5	1.37	1.55	0.575	0.512

a/ Relative to all centrally planned economies.

b/ Estimated.

HUNGARY

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	0.68	0.93	
Beverages (313)	0.92	0.9 ^a	
Tobacco (314)	0.39*	0.40*	
Textiles (321)	1.15	0.85	
Wearing apparel (322)	1.06	0.83	
Leather and fur products (323)	1.71	1.12	
Footwear (324)	2.00	1.27	
Wood and cork products (331)	1.63	1.47	
Furniture and fixtures excluding metal (332)	1.26	0.8 ^a	
Paper (341)	0.78	1.12	
Printing and publishing (342)	0.55	1.04	
Industrial chemicals (351)	1.58	1.23	
Other chemicals (352)	1.54	2.13*	
Petroleum refineries (353)	2.87	2.33*	
Miscellaneous products of petroleum and coal (354)	0.17*	0.19*	
Rubber products (355)	0.87	0.84	
Plastic products (356)	0.92	1.25	
Pottery, china and earthenware (361)	2.33	1.59	
Glass (362)	1.59	1.07	
Other non-metallic mineral products (363)	1.17	0.99	
Iron and steel (371)	2.17	1.49	
Non-ferrous metals (372)	2.45	1.22	
Metal products, excluding machinery (381)	0.98	0.92	
Non-electrical machinery (382)	2.10	1.66*	
Electrical machinery (383)	1.70	1.66*	
Transport equipment (384)	1.33	1.24	
Professional and scientific equipment, photographic and optical goods (385)	4.14*	3.77*	
Other manufactures (390)	3.14*	2.05	
Total manufacturing (300)	2.14*	1.23	

^{a/} Country not assigned to any group due to lack of appropriate data.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
	Food products (311/2)	8.5	9.4	0.93	1.06	0.116	0.105
Beverages (313)	0.7	0.8	0.32	0.36	0.360	0.255
Tobacco (314)	2.7	2.4	2.69	2.48	0.264	0.182
Textiles (321)	14.4	12.5	2.69	2.70	0.264	0.213
Wearing apparel (322)	6.2	3.7	2.27	1.43	0.211	0.180
Leather and fur products (323)	0.4	0.3	0.87	0.63	0.134	0.102
Footwear (324)	1.3	0.7	1.68	1.24	0.297	0.270
Wood and cork products (331)	6.1	3.6	2.82	1.93	0.235	0.236
Furniture and fixtures excluding metal (332)	1.2	0.7	0.71	0.43	0.337	0.261
Paper (341)	2.0	2.0	0.56	0.59	0.370	0.257
Printing and publishing (342)	1.4	1.5	0.32	0.38	0.400	0.346
Industrial chemicals (351)	3.2	5.7	0.59	1.02	0.343 ^{b/}	0.183
Other chemicals (352)	5.7	6.6	1.42	1.42	0.260 ^{b/}	0.218
Petroleum refineries (353)	0.9	1.0	0.40	0.45	0.215	0.101
Miscellaneous products of petroleum and coal (354)	0.5	0.6	1.53	1.78	0.171	0.168
Rubber products (355)	1.3	1.6	0.89	1.05	0.297	0.180
Plastic products (356)	0.3	0.6 ^{c/}	0.16	0.27 ^{c/}	0.283 ^{b/}	0.178
Pottery, china and earthenware (361)	0.8	1.0	1.55	2.05	0.414	0.322
Glass (362)	0.5	0.5	0.51	0.50	0.350	0.277
Other non-metallic mineral products (363)	2.5	3.0	0.81	1.00	0.323	0.262
Iron and steel (371)	5.7	7.4	0.84	1.30	0.303	0.189
Non-ferrous metals (372)	1.2	1.1	0.71	0.66	0.286	0.171
Metal products, excluding machinery (381)	4.2	4.4	0.60	0.66	0.269	0.234
Non-electrical machinery (382)	5.6	7.3	0.50	0.68	0.317	0.278
Electrical machinery (383)	4.9	5.7	0.62	0.63	0.299	0.249
Transport equipment (384)	4.7	4.8	0.48	0.46	0.314	0.290
Professional and scientific equipment, photographic and optical goods (385)	0.6	0.4	0.34	0.19	0.384	0.309

^{a/} Relative to all large countries.

^{b/} 1973.

^{c/} Estimated.

INDIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.49	0.58	0.68*
Beverages (313)	0.29*	0.32*	1.03
Tobacco (314)	0.60	0.46	0.66
Textiles (321)	0.34*	0.28*	0.95
Wearing apparel (322)	4.24*	7.71*	6.90*
Leather and fur products (323)	0.67	0.90	1.08
Footwear (324)	1.22	2.06	3.02*
Wood and cork products (331)	2.48*	3.54*	2.23
Furniture and fixtures excluding metal (332)	2.20*	3.76*	1.75
Paper (341)	1.41	1.13	1.34
Printing and publishing (342)	1.32	1.67	1.37
Industrial chemicals (351)	1.94	2.05	1.50
Other chemicals (352)	1.14	0.75	0.80
Petroleum refineries (353)	0.43	0.44	0.81
Miscellaneous products of petroleum and coal (354)	0.81	0.78	0.49
Rubber products (355)	1.08	0.60	1.19
Plastic products (356)	0.64	0.54	0.84
Pottery, china and earthenware (361)	2.00	2.03	1.23
Glass (362)	0.49	0.36	1.09
Other non-metallic mineral products (369)	0.85	0.97	1.17
Iron and steel (371)	1.55	0.92	1.46
Non-ferrous metals (372)	0.64	0.32	1.85
Metal products, excluding machinery (381)	1.16	1.10	1.76*
Non-electrical machinery (382)	3.58*	3.05*	1.47
Electrical machinery (383)	1.95	1.61	1.56
Transport equipment (384)	1.53	1.39	1.66
Professional, and scientific equipment, photographic and optical goods (385)	2.92*	3.65*	1.08
Other manufactures (390)	7.01*	6.71*	3.13*
Total manufacturing (300)	0.78	0.79	1.53*

^{a/} Large countries.

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	As a percentage of apparent consumption		1972	1978	1972	1978
			1970-1972	1976-1978				
Food products (311)								
Beef and veal, fresh (101;kg) a/ b/ c/	0.3	0.3	100.0	100.0	0.0	0.0	0.010	0.009
Milk and cream, condensed (201;g) d/	398.0	347.0	96.7	100.0	3.3	0.0	0.103	0.109
Butter (207;g) e/ d/	774.0	903.0	99.1	98.5	1.0	1.5	0.193	0.235
Cheese (210;g)	2541.0	...	100.0	...	0.0	...	0.398	...
Flour, wheat (601;kg) f/ b/ e/	4.4	3.0	100.0	99.9	0.0	0.1	0.074	0.052
Raw sugar (801;kg) d/	6.9	7.8	104.6	100.1	0.0	0.0	0.173	0.181
Refined sugar (804;kg) d/	6.1	6.4	110.4	113.0	0.1	0.0	0.151	0.156
Vegetable oils (311)								
Oil, cotton seed (516 and 519;kg) g/ h/	0.1	0.1	100.0	100.0	0.0	0.0	0.037	0.067
Oil, groundnut (522 and 525;kg) g/ d/	3.0	3.0	100.0	98.6	0.0	1.4	1.765	2.500
Textiles (321)								
Wool yarn, pure and mixed (103;g) i/ b/ e/	74.0	71.0	100.0	100.0	0.0	0.0	0.028	0.037
Cotton yarn, pure and mixed (109;g) d/	1681.0	1628.0	101.9	101.4	0.0	0.0	0.782	0.377
Cotton woven fabrics (126;g) g/ b/ e/	2371.0	1775.0	102.1	102.2	0.0	0.0	0.732	0.579
Woolen woven fabrics (134;g) j/ d/	23.0	21.0	104.0	100.7	0.0	0.0	0.019	0.018
Pulp and paper (341)								
Wood pulp, mechanical (101;kg) d/	0.1	-	84.5	90.8	15.5	9.2	0.005	0.000
Pulp of fibres other than wood (104;kg) d/	1.2	1.1	100.5	100.0	0.1	0.0	0.571	0.511
Wood pulp, sulphate and soda (110;kg) d/	0.2	0.4	80.2	99.7	19.8	0.5	0.003	0.004
Newspaper (119;kg) d/	0.4	0.1	19.6	29.9	80.4	70.1	0.015	0.004
Other printing and writing paper (122;kg) d/	0.8	0.8	101.0	99.8	0.6	0.5	0.025	0.020
Industrial chemicals (351)								
Methanol (methyl alcohol) (121;g) i/ b/ e/	40.0	72.0	95.5	100.0	4.5	0.0	0.005	0.004
Chlorine (145;kg) i/ b/ e/	0.3	0.3	100.0	100.0	0.0	0.0	0.011	0.009
Sulphuric acid (147;kg) i/ b/ e/	2.2	3.1	100.0	100.0	0.0	0.0	0.024	0.031
Nitric acid (149;kg) i/ b/ e/	-	0.7	100.0	100.0	0.0	0.0	0.000	0.023
Caustic soda (149;kg) i/ b/ e/	0.7	0.8	100.0	100.0	0.0	0.0	0.024	0.026
Calcium carbide (173;kg) i/ b/ e/	0.1	0.1	100.0	100.0	0.0	0.0	0.015	0.032
Dyestuffs, synthetic (174;g) k/ b/ e/	8.0	27.0	112.9	105.1	21.3	4.3	0.015	0.049
Nitrogenous fertilizers (201;kg) d/	2.9	4.1	50.1	57.9	49.9	42.1	0.132	0.150
Phosphatic fertilizers (204 and 207;kg) g/	0.7	0.9	67.3	69.6	32.7	30.4	0.051	0.066
Potassic fertilizers (210;kg) d/	0.3	0.4	0.0	0.0	100.0	100.0	0.016	0.020
Insecticides, fungic., disinfect., etc. (216;g) j/ d/	...	63.0	...	92.9	...	8.7	...	0.032
Rubber, synthetic (201;g) d/	64.0	54.0	84.2	75.5	15.8	24.5	0.009	0.007
Petroleum refineries (393)								
Distillate fuel oils (019;kg) e/	10.0	13.0	93.5	97.3	7.5	3.0	0.018	0.021
Residual fuel oils (022;kg) d/	7.8	8.3	91.1	94.4	8.7	6.4	0.014	0.016

INDIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Iron & steel (371)</u>								
Other ferro-alloys (013;kg) d/	0.4	0.4	101.3	109.6	1.8	0.4	0.045	0.140
Tubes, seamless (076;kg) d/	0.1	0.2	56.5	20.6	45.3	79.6	0.009	0.018
Tubes, welded (079;kg) j/ d/	...	0.6	...	139.6	...	0.5	...	0.024
Steel castings in the rough state (085;kg) j/ d/	...	0.1	...	99.3	...	1.7	...	0.020
Steel forgings (088;kg) j/ d/	...	0.1	...	98.7	...	2.0	...	0.018
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004;g) i/ b/ e/	54.0	37.0	31.0	99.3	69.0	0.7	0.006	0.004
Aluminium, unwrought (022;g) d/	320.0	284.0	95.7	108.6	4.8	1.4	0.021	0.015
Lead, refined, unwrought (037;g) d/	70.0	81.0	5.2	12.5	94.8	87.5	0.015	0.017
Zinc, unwrought (043;g) d/	180.0	135.0	22.2	36.5	77.8	83.5	0.033	0.027

- a/ Trade data for 1970 refer only to trade with OECD countries.
b/ For first period: 1970 only.
c/ For second period: 1977 only.
d/ For second period: 1976 and 1977.
e/ Production data include additional related products.
f/ See footnotes i and j.
g/ Estimates.
h/ For second period: 1976 only.
i/ Trade data refer only to trade with OECD countries.
j/ Production statistics do not provide for complete coverage.
k/ See footnote j. Trade data for 1977 refer only to trade with OECD countries.

INDIA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1971 AND 1976-1977
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1977
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	98.2	15.0	-10.7	-2.5	19.4
Chemicals (5)	120.5	18.9	-12.0	-27.4	17.6
Manufactured goods classified chiefly by material (6)	97.1	9.3	2.7	-9.1	16.6
Machinery and transport equipment (7)	84.1	64.3	-3.7	-44.8	21.6
Miscellaneous manufactured articles (8)	49.4	4.7	-3.3	49.3	27.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (51)	113.1	-2.4	-7.4	-3.4	14.7
Rubber manufactures, n.e.s. (62)	132.1	4.0	1.5	-37.6	17.1
Wood and cork manufactures, excluding furniture (63)	36.3	131.0	-2.2	-65.1	33.8
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	212.1	-57.9	9.3	-63.5	9.7
Non-metallic mineral manufactures, n.e.s. (66)	45.4	9.3	8.4	36.9	36.1
Iron and steel (67)	66.5	56.2	8.0	-31.5	16.0
Non-ferrous metals (68)	12.7	21.6	0.5	65.2	30.2
Manufactures of metal, n.e.s. (69)	66.1	87.2	10.7	-64.0	27.7
Machinery, other than electric (71)	69.1	42.3	-7.2	-4.2	22.5
Electrical machinery, apparatus and appliances (72)	81.7	72.0	-1.0	-53.7	24.3
Transport equipment (73)	109.9	86.1	-4.5	-91.5	18.6
Clothing and footwear (84, 85)	36.2	-6.9	-0.6	71.3	37.6

INDONESIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1977	1970	1977	1970	1978
	Food products (311/2)	20.3	17.2	2.21	1.48	0.233	0.282
Beverages (313)	1.0	1.3	0.52	0.60	0.451	0.311
Tobacco (314)	9.1	9.2	9.15	9.63	0.273	0.246
Textiles (321)	8.3	8.9	1.55	1.91	0.276	0.288
Wearing apparel (322)	0.0	0.1 b/	0.01	0.03 b/	0.789	0.392
Leather and fur products (323)	0.1	0.2 b/	0.16	0.40 b/	0.279	0.191
Footwear (324)	0.3	0.7	0.37	1.10	0.614	0.458
Wood and cork products (331)	2.4	2.6	1.11	1.37	0.345	0.399
Furniture and fixtures excluding metal (332)	0.2	0.3	0.10	0.15	0.359	0.441
Paper (341)	0.6	0.8	0.16	0.25	0.312	0.402
Printing and publishing (342)	0.8	1.8 b/	0.18	0.44 b/	0.305	0.443
Industrial chemicals (351)	2.4	5.3	0.52	0.94	0.412	0.639
Other chemicals (352)	5.1	2.7	1.27	0.58	0.268	0.348
Petroleum refineries (353)	38.8	32.6	17.20	14.37	...	...
Miscellaneous products of petroleum and coal (354)	...	...	...	...	...	...
Rubber products (355)	2.0	0.9	1.32	0.61	0.197	0.219
Plastic products (356)	0.2	0.7	0.12	0.31	0.211	0.340
Pottery, china and earthenware (361)	0.1	0.2 b/	0.28	0.37 b/	0.217	0.514
Glass (362)	0.2	0.6 b/	0.24	0.57 b/	0.200	0.617
Other non-metallic mineral products (369)	3.0	6.6	0.99	2.20	0.511	0.621
Iron and steel (371)	0.2 b/	0.2 b/	0.03 b/	0.04 b/	...	0.202
Non-ferrous metals (372)	...	...	...	...	...	...
Metal products, excluding machinery (381)	1.3	3.2 b/	0.19	0.48 b/	0.409	0.237
Non-electrical machinery (382)	0.6	1.5 b/	0.05	0.14 b/	0.353	0.529
Electrical machinery (383)	1.3	2.5	0.17	0.27	0.317	0.315
Transport equipment (384)	1.5	4.0	0.15	0.38	0.293	0.335
Professional and scientific equipment, photographic and optical goods (385)	0.0	0.0 b/	0.02	0.02 b/	-	0.611

a/ Relative to all large countries.

b/ Estimated.

INDONESIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{g/}
Food products (311/2)	1.05	1.24	1.30
Beverages (313)	0.48*	0.52	0.87
Tobacco (314)	1.60	1.36	1.73
Textiles (321)	0.44*	0.36*	0.63
Wearing apparel (322)	0.05***	0.07**	0.10**
Leather and fur products (323)	0.29*	0.31*	0.49*
Footwear (324)	0.73	0.82	0.96
Wood and cork products (331)	1.02	1.16	1.21
Furniture and fixtures excluding metal (332)	0.35*	0.41*	0.41*
Paper (341)	0.68	0.68	0.74
Printing and publishing (342)	0.77	0.83	0.73
Industrial chemicals (351)	1.29	1.30	1.34
Other chemicals (352)	0.73	0.67	0.76
Petroleum refineries (353)	7.77*	9.25*	10.92*
Miscellaneous products of petroleum and coal (354)	...	...	...
Rubber products (355)	1.75	1.26	1.46
Plastic products (356)	0.86	0.89	0.90
Pottery, china and earthenware (361)	0.35*	0.28*	0.35*
Glass (362)	0.50	0.37	0.54*
Other non-metallic mineral products (369)	1.26	1.29	1.82*
Iron and steel (371)	0.07**	0.04***	0.07***
Non-ferrous metals (372)	...	...	...
Metal products, excluding machinery (381)	0.63	0.61	0.65
Non-electrical machinery (382)	0.90	0.72	0.92
Electrical machinery (383)	1.13	1.03	0.97
Transport equipment (384)	1.49	1.39	1.79*
Professional and scientific equipment, photographic and optical goods (385)	0.60	0.56	0.68
Other manufactures (390)	0.27*	0.23*	0.18**
Total manufacturing (300)	0.46*	0.48*	0.5*

^{g/} Large countries.

Product (ISIC: unit of measurement)

Food products (31)

- | Beef and veal, fresh (101;kg) a/
- | Milk and cream, condensed (201;g) a/ b/
- | Milk and cream, dried (204;g) a/ b/
- | Butter (207;g) b/
- | Vegetables, tinned or bottled (322;g) a/ b/
- | Fish, tinned (407;g) a/ b/
- | Flour, wheat (601;kg) a/ b/
- | Flour, cereal, other than wheat (607;kg) b/
- | Bread, ships' biscuits, etc. (704;kg) b/
- | Raw sugar (801;kg) a/
- | Refined sugar (804;kg) a/ b/
- | Prepared animal feeds (312201;kg) b/

Vegetable oils (31)

- | Oil, soya bean (510 and 513;kg) c/ a/
- | Oil, groundnut (522 and 525;kg) c/ a/ d/
- | Oils, other, of vegetable origin (534 & 537;kg) b/

Textiles (32)

- | Wool yarn, pure and mixed (103;g)
- | Cotton yarn, pure and mixed (109;g) a/ b/
- | Cotton woven fabrics (128;g) c/ a/ d/

Pulp and paper (34)

- | Wood pulp, mechanical (101;kg) a/ f/
- | Pulp of fibres other than wood (104;kg) a/
- | Newsprint (119;kg) a/
- | Other printing and writing paper (122;kg) a/

Industrial chemicals (35)

- | Methanol (methyl alcohol) (121;g) a/ f/
- | Sulphuric acid (147;kg) b/
- | Nitric acid (149;kg) a/
- | Ammonia (158;kg) a/ g/
- | Caustic soda (159;kg) a/ f/
- | Calcium carbide (173;kg) a/
- | Dyestuffs, synthetic (174;g) a/
- | Nitrogenous fertilizers (201;kg) a/
- | Phosphatic fertilizers (204 and 207;kg) b/
- | Potassic fertilizers (210;kg) b/
- | Insecticides, fungic., disinfect., etc. (216;g) a/
- | Rubber, synthetic (301;g)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
1.3	1.3	100.0	99.5	0.0	0.5	0.042	0.038
325.0	381.0	97.8	96.6	2.1	3.4	0.084	0.120
236.0	338.0	18.3	20.9	81.7	79.1	0.059	0.073
...	50.0	...	4.1	...	95.9	...	0.013
8.0	9.0	20.4	22.8	79.6	101.9	0.001	0.000
49.0	164.0	44.9	20.3	58.8	80.2	0.029	0.095
1.8	5.3	67.5	99.6	32.5	0.4	0.030	0.092
...	0.4	...	98.8	...	1.2	...	0.070
...	0.1	...	99.4	...	0.4	...	0.004
6.9	7.7	100.0	99.6	0.0	0.4	0.173	0.179
7.2	9.3	91.4	84.1	8.6	15.9	0.179	0.227
...	1.6	...	99.7	...	0.3	...	0.008
0.1	...	100.0	...	0.0	...	0.007	...
0.2	0.2	100.9	106.6	0.0	0.0	0.118	0.167
...	1.5	...	303.0	...	3.4	...	0.185
...	-	...	0.0	...	100.0	...	0.000
478.0	528.0	58.7	98.9	41.3	1.1	0.109	0.122
380.0	722.0	92.8	99.8	7.2	0.2	0.117	0.235
-	...	100.0	...	0.0	...	0.000	...
0.2	0.3	90.7	91.7	9.3	6.3	0.095	0.167
0.3	0.5	7.1	2.3	92.9	97.7	0.012	0.019
0.3	0.6	15.4	63.3	84.6	36.7	0.009	0.015
73.0	...	100.0	...	0.0	...	0.009	...
...	0.1	...	89.9	...	10.1	...	0.001
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	90.8	96.0	9.2	4.0	0.000	0.000
0.2	...	8.8	...	91.2	...	0.007	...
0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
56.0	60.0	0.0	0.0	100.0	100.0	0.104	0.109
3.6	0.8	10.4	238.4	89.6	32.6	0.164	0.029
0.3	0.3	0.0	0.0	100.0	100.0	0.022	0.022
0.1	0.2	0.0	0.0	100.0	100.0	0.006	0.010
90.0	...	23.7	...	76.3	...	0.043	...
...	66.0	...	0.0	...	100.0	...	0.008

INDONESIA

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INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Petroleum refineries (353)								
Distillate fuel oils (019; kg) a/	13.0	24.9	96.2	93.4	9.8	10.5	0.023	0.040
Residual fuel oils (022; kg)	27.4	59.5	188.8	112.6	0.0	6.1	0.048	0.112
Iron & steel (371)								
Wire rods (028; kg)	...	0.9	...	0.0	...	100.0	...	0.029
Angles, shapes, sections, 80 mm or more (036; kg)	...	0.1	...	0.0	...	100.0	...	0.004
Angles, shapes, sections, under 80 mm (037; kg)	...	0.1	...	0.0	...	100.0	...	0.002
Plates (heavy), over 4.75 mm (040; kg) f/	0.2	0.5	0.0	0.0	100.0	100.0	0.005	0.012
Plates (medium), 3 to 4.75 mm (043; kg) f/	-	0.2	0.0	0.0	100.0	100.0	0.000	0.017
Tubes, seamless (076; kg) a/	0.6	0.5	0.0	0.0	100.0	100.0	0.052	0.045
Tubes, welded (079; kg) f/	0.3	-	0.0	0.0	100.0	100.0	0.012	0.000
Steel castings in the rough state (085; kg) f/	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Steel forgings (088; kg) f/	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Non-ferrous metals (372)								
Copper, refined, unwrought (004; g) a/ f/ b/	-	1.0	0.0	0.0	100.0	100.0	0.000	0.000
Aluminium, unwrought (022; g) a/	1.0	76.0	0.0	0.0	100.0	100.0	0.000	0.004
Lead, refined, unwrought (037; g) a/	5.0	34.0	0.0	0.0	100.0	100.0	0.001	0.007
Zinc, unwrought (043; g) a/	233.0	287.0	0.0	0.0	100.0	100.0	0.042	0.051
Tin, unwrought (049; g) a/	21.0	62.0	398.2	279.8	3.4	0.1	0.089	0.257

a/ For first period: 1971 and 1972.

b/ For second period: 1976 and 1977.

c/ Estimates.

d/ For second period: 1976 only.

e/ Trade data for 1970 refer only to trade with OECD countries.

f/ For first period: 1970 only.

g/ For second period: 1977 only.

INDONESIA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	21.0	0.7	0.5	77.7	52.7
Chemicals (5)	42.4	-1.2	-9.5	68.3	33.8
Manufactured goods classified chiefly by material (6)	25.3	1.6	3.4	69.7	53.4
Machinery and transport equipment (7)	...	...	...	...	...
Miscellaneous manufactured articles (8)	4.7	-1.0	0.9	95.4	75.5
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	33.8	7.0	-0.3	59.5	35.8
Rubber manufactures, n.e.s. (62)	28.0	-6.0	0.7	77.4	41.9
Wood and cork manufactures, excluding furniture (63)	5.3	4.6	1.8	88.2	95.5
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	162.6	-70.4	49.1	-41.3	15.9
Non-metallic mineral manufactures n.e.s. (66)	5.6	-4.0	1.4	96.7	152.9
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	17.3	2.7	10.4	69.7	55.8
Manufactures of metal, n.e.s. (69)	-37.3	-2.0	7.3	132.0	19.9
Machinery, other than electric (71)	...	...	...	...	...
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	...	...	...	...	...

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	12.2	9.5	1.34	1.05	0.280	0.341
Beverages (313)	0.5	1.1	0.26	0.84	0.529	0.368
Tobacco (314)	4.9	2.2	4.97	2.33	0.894	0.803
Textiles (321)	9.4	10.9	1.71	2.35	0.306	0.359
Wearing apparel (322)	1.6	2.7	0.59	1.04	0.570 b/	0.576 b/
Leather and fur products (323)	0.3	0.2	0.56	0.39	0.246	0.304
Footwear (324)	0.3	0.4	0.38	0.66	...	...
Wood and cork products (331)	0.9	0.6	0.43	0.33	0.401 g/	0.443 g/
Furniture and fixtures excluding metal (332)	0.3	0.3	0.14	0.18	...	...
Paper (341)	0.9	1.0	0.25	0.29	0.370	0.336
Printing and publishing (342)	1.0	1.2	0.23	0.30	0.427	0.512
Industrial chemicals (351)	1.9	3.4	0.42	0.60	0.363 d/	0.402 d/
Other chemicals (352)	1.9	3.4	0.49	0.72	...	...
Petroleum refineries (353)	45.6	32.3	20.22	14.23	0.481 g/	0.571 g/
Miscellaneous products of petroleum and coal (354)	0.2	0.2 f/	0.54	0.73 f/	...	...
Rubber products (355)	0.9 d/	1.6 g/	0.29 g/	0.42 g/	0.243	0.345
Plastic products (356)	...	...	...	...	...	...
Pottery, china and earthenware (361)	-	-	-	-	-	-
Glass (362)	1.0	2.8	1.11	2.81	0.624 h/f/	0.617 h/f/
Other non-metallic mineral products (369)	4.1	6.9	1.34	2.29	...	...
Iron and steel (371)	2.0	1.1 f/	0.29	0.20 f/	0.236 i/	0.350 i/
Non-ferrous metals (372)	3.7	2.5	2.14	1.47	...	...
Metal products, excluding machinery (381)	2.6	4.3	0.38	0.65	0.469	0.381
Non-electrical machinery (382)	0.1	1.7	0.01	0.16	0.218	0.365
Electrical machinery (383)	1.7	5.6	0.21	0.62	0.407	0.436
Transport equipment (384)	1.5	3.8	0.16	0.37	0.427	0.252
Professional and scientific equipment, photographic and optical goods (385)	...	...	...	...	0.356 j/	0.258 j/

g/ Relative to all large countries.

b/ Including ISIC 324.

c/ Including ISIC 332.

d/ Including ISIC 352 and 356.

e/ Including ISIC 354.

f/ Estimated.

g/ Including ISIC 356.

h/ Including ISIC 369.

i/ Including ISIC 372.

j/ Including ISIC 390.

IRAN

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

1970s BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group a/
1.40	1.53	1.41
0.40*	0.42*	0.31*
2.49*	1.81	2.71*
2.07	1.76	1.74*
1.72	1.88	2.68
0.55	0.53	0.72
0.67	0.63	0.45
0.29*	0.29	0.44
0.33*	0.44*	0.44*
0.89	0.98	0.92
0.86	1.14	0.90
1.62	1.37	2.18
0.93	0.57	1.26
16.49**	8.30*	15.05**
0.53	0.41	0.33*
...
...
-	-	-
4.48*	2.92	3.14**
2.17*	2.24*	2.68**
1.15	0.80	1.47
3.49	2.66	1.64
1.24	1.27	0.94
0.55	0.60	1.08
2.41*	1.90	2.36*
1.40	0.92	1.77*
...
0.93	1.15	1.05
...
0.45*	0.60	0.44*

Product (ISIC; unit of measurement)

Food products (31)

| Beef and veal, fresh (101;kg) a/ b/ c/

| Milk and cream, condensed (201;g) c/

| Milk and cream, dried (204;g) c/

| Butter (207;g) c/

| Cheese (210;g) c/

| Fish, tinned (407;g) c/

| Flour, wheat (601;kg) d/

| Raw sugar (801;kg) a/ b/ d/

| Refined sugar (804;kg) a/ c/

Vegetable oils (311)

| Oil, olive (528 and 531;kg) f/ c/

| Oils, other, of vegetable origin (534 & 537;kg) f/ c/

Textiles (32)

| Wool yarn, pure and mixed (103;g) d/

| Cotton woven fabrics (128;g) f/ d/

| Woollen woven fabrics (134;g) f/ d/

| Knitted fabrics (301;g) d/

Pulp and paper (34)

| Pulp of fibres other than wood (104;kg) c/

| Other printing and writing paper (122;kg) c/

Industrial chemicals (35)

| Sulphuric acid (147;kg) d/

| Nitric acid (149;kg) c/

| Caustic soda (159;kg) g/ b/ c/

| Calcium carbide (173;kg) c/

| Dyestuffs, synthetic (174;g) c/

| Nitrogenous fertilizers (201;kg) c/

| Phosphatic fertilizers (204 and 207;kg) h/ c/

| Potassic fertilizers (210;kg) c/

| Rubber, synthetic (301;g) c/

Petroleum refineries (352)

| Distillate fuel oils (019;kg) c/

| Residual fuel oils (022;kg) c/

IMPORTATION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports As a percentage of apparent consumption		Per capita apparent consumption as a ratio to the OECD (average weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
2.9	5.7	99.8	82.7	0.2	17.3	0.094	0.158
...	4519.0	...	99.6	...	0.4	...	1.420
...	731.0	...	6.4	...	93.6	...	0.158
352.0	1072.0	31.7	26.8	68.4	73.2	0.088	0.279
2597.0	3522.0	98.1	72.9	2.0	27.1	0.406	0.447
...	113.0	...	31.0	...	72.2	...	0.055
140.4	140.3	99.9	99.4	0.1	0.6	2.375	2.436
21.8	21.5	100.0	89.7	0.0	10.3	0.548	0.800
23.8	31.6	85.2	70.5	14.8	29.5	0.591	0.773
0.1	0.1	39.2	47.9	60.9	52.1	0.007	0.007
...	18.6	...	99.3	...	0.7	...	2.321
975.0	1177.0	94.5	95.7	5.6	4.3	0.369	0.615
2651.0	2882.0	99.8	96.0	0.2	4.0	0.819	0.939
253.0	434.0	95.8	64.5	6.2	35.6	0.204	0.363
997.0	1619.0	104.6	104.3	0.0	0.0	0.643	0.681
1.1	0.8	64.2	97.6	35.8	2.4	0.524	0.444
2.3	1.5	34.0	67.0	66.0	33.0	0.072	0.037
5.7	10.4	99.9	100.0	0.1	0.0	0.061	0.106
...	-	...	0.0	...	100.0	...	0.000
0.9	1.2	28.9	59.9	71.1	40.6	0.031	0.039
0.2	0.2	0.0	0.0	100.0	100.0	0.030	0.065
187.0	212.0	0.0	0.0	100.0	100.0	0.347	0.385
3.4	7.3	46.1	52.7	51.9	47.3	0.155	0.267
2.7	3.6	44.6	71.6	59.4	28.4	0.199	0.285
-	0.1	0.0	0.0	100.0	100.0	0.000	0.005
...	576.0	...	0.0	...	100.0	...	0.075
97.2	176.5	175.3	119.4	0.0	0.0	0.175	0.284
82.0	333.8	535.9	134.9	0.0	0.0	0.143	0.630

IRAN

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (371)								
Other ferro-alloys (013;kg) \leq /	0.1	0.3	0.0	0.0	100.0	100.0	0.011	0.030
Wire rods (028;kg) \leq /	-	5.2	0.0	0.0	100.0	100.0	0.000	0.169
Angles, shapes, sections, 80 mm or more (036;kg) \leq /	0.3	29.3	0.0	0.0	100.0	100.0	0.011	1.167
Angles, shapes, sections, under 80 mm (037;kg) \leq /	...	1.3	...	0.0	...	100.0	...	0.020
Plates (heavy), over 4.75 mm (040;kg) \leq /	...	19.2	...	0.0	...	100.0	...	0.463
Plates (medium), 3 to 4.75 mm (043;kg) \leq /	...	1.8	...	0.0	...	100.0	...	0.161
Tubes, seamless (076;kg) \leq /	5.0	4.5	0.0	0.0	100.0	100.0	0.431	0.402
Tubes, welded (079;kg) \leq /	0.7	5.0	0.0	0.0	100.0	100.0	0.029	0.203
Steel castings in the rough state (085;kg) $\frac{a}{b}$ /	1.9	...	100.0	...	0.0	...	0.328	...
Steel forgings (088;kg) \leq /	...	0.2	...	0.0	...	100.0	...	0.336
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g) $\frac{d}{e}$ /	...	-	...	0.0	...	100.0	...	0.000
Aluminium, unwrought (022;g) $\frac{h}{e}$ /	452.0	1110.0	44.2	67.8	74.6	34.1	0.030	0.069
Lead, refined, unwrought (037;g) \leq /	213.0	67.0	3.2	13.0	96.8	87.0	0.047	0.014
Zinc, unwrought (043;g) \leq /	151.0	143.0	0.0	0.0	100.0	100.0	0.027	0.028
Tin, unwrought (049;g) \leq /	10.0	13.0	0.0	0.0	100.0	100.0	0.042	0.054

- $\frac{a}{b}$ Trade data for 1970 refer only to trade with OECD countries.
- $\frac{b}{c}$ For first period: 1970 only.
- $\frac{c}{d}$ For second period: 1976 and 1977.
- $\frac{d}{e}$ For second period: 1976 only.
- $\frac{e}{f}$ Production data include additional related products.
- $\frac{f}{g}$ Estimates.
- $\frac{g}{h}$ Production statistics do not provide for complete coverage.
- $\frac{h}{i}$ For first period: 1972 only.

IRAQ

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group g/
Food products (311/2)	0.88	0.95	0.91
Beverages (313)	0.87	0.90	0.74
Tobacco (314)	1.36	1.17	1.15
Textiles (321)	2.88*	2.56*	1.77
Wearing apparel (322)	3.07*	2.65	2.25*
Leather and fur products (323)	4.24*	3.58*	2.27*
Footwear (324)	3.51*	2.57	3.61*
Wood and cork products (331)	0.17*	0.19*	0.29*
Furniture and fixtures excluding metal (332)	0.72	0.75	0.67
Paper (341)	0.70	0.83	0.53
Printing and publishing (342)	0.22**	0.30*	0.50
Industrial chemicals (351)	0.59	0.31	1.10
Other chemicals (352)	0.63	0.56	0.69
Petroleum refineries (353)	1.70	1.18	1.46
Miscellaneous products of petroleum and coal (354)	1.69	1.60	1.93
Rubber products (355)	1.01	0.79	0.98
Plastic products (356)	1.03	1.06	0.91
Pottery, china and earthenware (361)	0.66	0.54	1.12
Glass (362)	0.40	0.29*	0.52
Other non-metallic mineral products (369)	1.94*	1.92*	1.77
Iron and steel (371)	0.25*	0.20*	0.14**
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	0.38*	0.39*	0.57*
Non-electrical machinery (382)	3.83*	3.7)*	5.58*
Electrical machinery (383)	3.18*	2.90*	3.72*
Transport equipment (384)	1.95	1.54	1.20
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	0.93	0.98	1.38
Total manufacturing (300)	0.37*	0.47*	0.63

g/ Small countries with ample resources and primary orientation.

Product (ISIC: unit of measurement)

Food products(311)

| Beef and veal, fresh(101;kg) a/
 | Butter(207;g) a/
 | Cheese(210;g) a/ b/
 | Raw sugar(801;kg) a/ b/
 | Refined sugar(804;kg) a/
 | Prepared animal feeds(312201;kg) a/

Textiles(321)

| Wool yarn, pure and mixed(103;g) a/
 | Cotton yarn, pure and mixed(109;g) c/ a/
 | Cotton woven fabrics(128;g) c/ a/
 | Woollen woven fabrics(134;g) c/ a/

Pulp and paper(341)

| Pulp of fibres other than wood(104;kg) b/
 | Other printing and writing paper(122;kg) a/ b/

Industrial chemicals(351)

| Nitric acid(149;kg) a/ b/
 | Calcium carbide(173;kg) a/ b/
 | Dyestuffs, synthetic(174;g) a/ b/
 | Nitrogenous fertilizers(201;kg) b/
 | Phosphatic fertilizers(204 and 207;kg) a/ d/
 | Potassic fertilizers(210;kg) a/ b/
 | Rubber, synthetic(301;g) a/ b/

Petroleum refineries(353)

| Distillate fuel oils(019;kg) a/ b/
 | Residual fuel oils(022;kg) a/ b/

Iron & steel(371)

| Other ferro-alloys(013;kg) b/
 | Wire rods(028;kg) a/ b/
 | Angles, shapes, sections, 80 mm or more(036;kg) a/ b/
 | Angles, shapes, sections, under 80 mm(037;kg) a/ b/
 | Plates(heavy), over 4.75 mm(040;kg) a/ b/
 | Plates(medium), 3 to 4.75 mm(043;kg) a/ b/
 | Steel castings in the rough state(085;kg) a/
 | Steel forgings(088;kg) a/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports As a percentage of apparent consumption		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
4.8	...	100.0	...	0.0	...	0.156	...
176.0	...	32.7	...	67.3	...	0.044	...
2788.0	2671.0	93.4	88.7	6.6	11.3	0.438	0.339
18.1	12.6	9.4	7.7	90.6	92.3	0.455	0.293
18.2	...	76.5	...	23.5	...	0.452	...
1.8	...	27.4	...	74.5	...	0.013	...
58.0	...	48.7	...	53.0	...	0.022	...
255.0	...	94.3	...	5.7	...	0.058	...
1370.0	...	99.7	...	0.3	...	0.423	...
68.0	...	84.8	...	17.0	...	0.055	...
...	1.0	...	91.3	...	8.7	...	0.556
1.6	1.2	32.2	89.9	67.8	10.9	0.050	0.029
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	0.2	0.0	0.0	100.0	100.0	0.030	0.065
181.0	64.0	0.0	0.0	100.0	100.0	0.336	0.116
...	3.0	...	70.3	...	30.9	...	0.110
0.6	0.7	0.0	0.0	100.0	100.0	0.044	0.081
0.1	0.1	0.0	0.0	100.0	100.0	0.005	0.005
64.0	126.0	0.0	0.0	100.0	100.0	0.009	0.016
81.8	97.6	95.1	104.8	8.8	0.0	0.147	0.157
204.0	113.7	100.0	131.1	0.0	0.0	0.356	0.215
...	0.1	...	0.0	...	100.0	...	0.010
0.1	0.3	0.0	0.0	100.0	100.0	0.003	0.010
8.5	14.5	0.0	0.0	100.0	100.0	0.301	0.578
0.2	-	0.0	0.0	100.0	100.0	0.003	0.000
5.8	7.7	0.0	0.0	100.0	100.0	0.132	0.186
0.5	3.0	0.0	0.0	100.0	100.0	0.039	0.262
-	...	0.0	...	100.0	...	0.000	...
-	...	0.0	...	100.0	...	0.000	...

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption	
	1970-1972	1975-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004;g) a/	-	...	0.0	...	100.0	...	0.000	...
Aluminium, unwrought (022;g) b/	...	407.0	...	0.0	...	100.0	...	0.022
Zinc, unwrought (043;g) a/ b/	11.0	29.0	0.0	0.0	100.0	100.0	0.002	0.006
Tin, unwrought (049;g) a/ b/	6.0	6.0	0.0	0.0	100.0	100.0	0.026	0.021

- a/ For first period: 1972 only.
b/ For second period: 1976 only.
c/ Estimates.
d/ For second period: 1976 and 1977.

IRELAND

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1976
	Food products (311/2)	15.6	18.2	1.49	1.38	0.222	0.221
Beverages (313)	5.1	6.4	2.41	2.32	0.673	0.644
Tobacco (314)	1.6	1.5	1.44	1.47	0.129	0.239
Textiles (321)	9.0	9.6	1.81	2.14	0.455	0.389
Wearing apparel (322)	4.5	2.8	1.64	1.13	0.487	0.499
Leather and fur products (323)	0.8	0.5	1.76	1.24	0.350	0.320
Footwear (324)	2.0	1.0	2.34	1.76	0.519	0.496
Wood and cork products (331)	2.1	1.4	0.52	0.35	0.440	0.425
Furniture and fixtures excluding metal (332)	2.0	1.4	0.85	0.59	0.520	0.446
Paper (341)	2.9	2.0	0.66	0.48	0.404	0.356
Printing and publishing (342)	6.7	5.1	1.21	0.98	0.672	0.661
Industrial chemicals (351)	1.9	2.0	0.42	0.37	0.478 b/	0.514 b/
Other chemicals (352)	5.1	12.4	1.44	2.98	...	...
Petroleum refineries (353)	0.4	0.2	0.28	0.14	0.093 g/	0.047
Miscellaneous products of petroleum and coal (354)	...	...	...	...	...	...
Rubber products (355)	1.6	1.8 d/	1.35	1.51 d/	0.514 g/	0.450
Plastic products (356)	1.2	1.2 d/	0.84	0.49 d/	0.437 g/	0.384
Pottery, china and earthenware (361)	0.8	0.8	1.64	1.90	0.550 g/	0.383
Glass (362)	2.1	2.2	2.50	2.51	0.675 g/	0.708
Other non-metallic mineral products (369)	5.0	6.6	1.37	1.93	0.544	0.437
Iron and steel (371)	2.1	1.2	0.46	0.29	0.420 g/	0.450
Non-ferrous metals (372)	2.0	2.0	1.13	1.01	0.290 g/	0.350
Metal products, excluding machinery (381)	4.1	4.0	0.54	0.53	0.478 g/	0.443
Non-electrical machinery (382)	1.6	1.8	0.20	0.22	0.462	0.417
Electrical machinery (383)	4.2	3.4	0.61	0.71	0.461	0.486
Transport equipment (384)	6.8	4.1	0.93	0.57	0.356	0.342
Professional and scientific equipment, photographic and optical goods (385)	...	...	...	...	0.596 g/	0.654

a/ Relative to all small countries with ample resources and industrial orientation.

b/ Including ISIC 352.

g/ 1973.

d/ Estimated.

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group <u>a/</u>
Food products (311/2)	1.35	1.70*	1.39
Beverages (313)	1.68	1.83*	1.53*
Tobacco (314)	1.27	1.17	0.93
Textiles (321)	2.40*	1.55*	2.42*
Wearing apparel (322)	1.03	0.91	1.19
Leather and fur products (323)	1.24	1.15	1.31
Footwear (324)	1.34	1.39	1.57
Wood and cork products (331)	0.74	0.77	0.84
Furniture and fixtures excluding metal (332)	0.86	0.73	0.87
Paper (341)	1.16	0.92	1.07
Printing and publishing (342)	1.84	1.32	1.50*
Industrial chemicals (351)	0.70	0.75	0.71
Other chemicals (352)	2.8.*	2.27*	2.51**
Petroleum refineries (353)	0.12*	0.29*	0.26*
Miscellaneous products of petroleum and coal (354)	...	...	...
Rubber products (355)	1.68	1.01	0.89
Plastic products (356)	0.92	0.69*	0.82
Pottery, china and earthenware (361)	2.43	1.99*	2.36*
Glass (362)	4.41*	2.65*	2.96**
Other non-metallic mineral products (369)	1.91*	1.68*	1.89*
Iron and steel (371)	0.80	0.60	0.69
Non-ferrous metals (372)	2.74	1.15	2.08
Metal products, excluding machinery (381)	0.84	0.57*	0.71
Non-electrical machinery (382)	0.57	0.52*	0.44*
Electrical machinery (383)	1.35	0.92	1.15
Transport equipment (384)	1.52	0.99	1.19
Professional and scientific equipment, photographic and optical goods (385)	...	...	...
Other manufactures (390)	3.71*	2.29*	3.18*
Total manufacturing (300)	1.37	0.77*	0.95

a/ Small countries with ample resources and industrial orientation.

IRELAND

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

| Beef and veal, fresh(101;kg)
 | Milk and cream, condensed(201;g)
 | Milk and cream, dried(204;g)
 | Butter(207;g)
 | Cheese(210;g)
 | Vegetables, tinned or bottled(322;g) a/
 | Fish, tinned(407;g)
 | Flour, wheat(601;kg) a/
 | Raw sugar(801;kg)
 | Prepared animal feeds(312201;kg) b/

Textiles(321)

| Wool yarn, pure and mixed(103;g) a/
 | Cotton yarn, pure and mixed(109;g) a/
 | Woollen woven fabrics(134;g) c/ a/

Pulp and paper(341)

| Wood pulp, mechanical(101;kg)
 | Newsprint(119;kg)
 | Other printing and writing paper(122;kg)

Industrial chemicals(351)

| Nitrogenous fertilizers(201;kg)
 | Phosphatic fertilizers(204 and 207;kg)
 | Potassic fertilizers(210;kg) a/

Petroleum refineries(353)

| Distillate fuel oils(019;kg)
 | Residual fuel oils(022;kg)

a/ For second period: 1976 and 1977.
 b/ For first period: 1970 and 1971.
 c/ Estimates.

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
25.9	41.3	273.0	276.8	0.4	0.8	0.876	1.215
23652.0	25747.0	110.5	90.7	0.1	10.1	6.140	8.091
8954.0	5394.0	243.3	109.4	2.3	26.2	2.226	1.168
12372.0	13263.0	204.1	254.8	0.3	3.6	3.080	3.449
3693.0	2571.0	332.8	629.6	3.1	25.8	0.578	0.326
9239.0	10974.0	90.7	86.5	9.3	15.4	0.903	0.407
716.0	1251.0	64.0	50.8	60.4	98.9	0.429	0.723
...	67.4	...	99.3	...	1.0	...	1.170
65.8	67.0	83.9	98.7	16.1	1.4	1.553	1.558
19.4	...	188.4	...	0.0	...	0.138	...
...	2936.0	...	132.7	...	16.0	...	1.535
2246.0	1069.0	63.5	124.3	54.4	100.9	0.510	0.248
...	538.0	...	71.1	...	81.0	...	0.451
12.0	...	99.9	...	0.1	...	0.561	...
18.2	...	12.9	...	87.1	...	0.703	...
5.8	16.6	68.8	35.8	47.8	74.0	0.182	0.407
74.4	74.4	63.0	44.8	37.0	59.4	3.382	2.725
45.8	61.4	86.3	44.6	13.7	55.5	3.353	4.515
52.2	54.1	0.0	0.0	00.0	100.0	2.791	2.639
304.1	384.9	76.2	46.8	30.3	53.2	0.547	0.620
773.6	829.1	57.7	36.4	66.4	67.5	1.350	1.566

IRELAND

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	53.9	-2.9	-1.1	50.1	29.4
Chemicals (5)	33.7	0.0	-3.2	69.5	41.0
Manufactured goods classified chiefly by material (6)	65.4	-4.6	0.5	38.6	23.9
Machinery and transport equipment (7)	34.7	-5.5	1.6	69.1	35.8
Miscellaneous manufactured articles (8)	90.7	-0.0	-0.4	9.7	23.4
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	198.8	-11.0	-17.8	-49.2	12.7
Rubber manufactures, n.e.s. (62)	82.5	-4.5	0.8	21.1	26.1
Wood and cork manufactures, excluding furniture (63)	153.4	0.9	-10.8	-43.4	12.3
Paper, paperboard and manufactures thereof (64)	85.6	7.9	6.1	0.4	19.9
Textile yarn, fabrics, made-up articles and related products (65)	49.3	-0.4	2.5	48.5	25.5
Non-metallic mineral manufactures, n.e.s. (66)	92.1	-16.2	-11.4	35.5	24.4
Iron and steel (67)	47.4	-13.0	-0.3	65.8	35.9
Non-ferrous metals (68)	55.6	-6.6	4.4	46.6	17.0
Manufactures of metal, n.e.s. (69)	47.4	-8.4	2.0	58.9	28.6
Machinery, other than electric (71)	15.9	-2.3	0.6	85.8	46.8
Electrical machinery, apparatus and appliances (72)	67.	-8.6	-1.7	42.6	27.5
Transport equipment (73)	102.4	-21.7	-3.5	22.8	25.5
Clothing and footwear (84, 85)	140.3	4.6	0.2	-45.1	17.9

ISRAEL

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)	
	1970	1978
Food products (311/2)	7.3	7.6
Beverages (313)	2.2	2.3
Tobacco (314)	2.7	2.8
Textiles (321)	6.7	6.2
Wearing apparel (322)	4.7	5.0
Leather and fur products (323)	0.6	0.4
Footwear (324)	0.9	1.0
Wood and cork products (331)	3.2	2.5
Furniture and fixtures excluding metal (332)	2.3	1.8
Paper (341)	2.0	1.9
Printing and publishing (342)	4.5	3.9
Industrial chemicals (351)	5.0	5.7
Other chemicals (352)	2.3	2.6
Petroleum refineries (353)	1.3	1.5
Miscellaneous products of petroleum and coal (354)	1.3	1.5
Rubber products (355)	1.5	1.4
Plastic products (356)	2.1	2.0
Pottery, china and earthenware (361)	0.5	0.4
Glass (362)	0.7	0.5
Other non-metallic mineral products (369)	3.8	2.8
Iron and steel (371)	1.6	1.1
Non-ferrous metals (372)	1.7	1.2
Metal products, excluding machinery (381)	13.7	12.9
Non-electrical machinery (382)	5.2	5.1
Electrical machinery (383)	7.6	9.8
Transport equipment (384)	7.5	9.3
Professional and scientific equipment, photographic and optical goods (385)	1.7	1.6

a/ Relative to all small countries with ample resources and industrial
 b/ Including ISIC 353 and 354.

Relative specialization in manufacturing output a/		Ratio of value added to gross output	
1970	1978	1970	1977
0.57	0.57	0.231	0.169
0.93	0.91	0.650	0.600
2.34	2.74	0.794	0.793
1.34	1.38	0.442	0.437
1.70	2.03	0.417	0.412
1.19	1.03	0.362	0.349
1.13	1.84	0.435	0.461
0.79	0.64	0.469	0.506
0.97	0.76	0.464	0.437
0.46	0.45	0.442	0.477
0.80	0.74	0.596	0.557
1.11	1.03	0.426 b/	0.443 b/
0.64	0.62	0.511	0.548
0.94	1.03	...	...
2.03	2.84	...	...
1.22	1.19	0.502	0.522
1.47	1.14	0.500	0.477
1.05	0.85	0.771	0.761
0.84	0.59	0.702	0.609
1.05	0.81	0.593	0.441
0.36	0.28	0.488	0.466
0.94	0.61	0.460	0.451
1.81	1.73	0.465	0.545
0.63	0.43	0.529	0.601
1.12	1.30	0.499	0.587
1.04	1.30	0.619	0.544
1.40	1.29	0.553	0.568

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ISRAEL

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	0.61	0.71	0.60*
Beverages (313)	0.68	0.75	0.63*
Tobacco (314)	2.47*	2.27*	1.82
Textiles (321)	1.90	1.41	2.06*
Wearing apparel (322)	1.37	1.47	1.74
Leather and fur products (323)	0.85	0.93	1.05
Footwear (324)	1.07	1.34	1.37
Wood and cork products (331)	1.13	1.19	1.26
Furniture and fixtures excluding metal (332)	0.88	0.96	0.93
Paper (341)	0.77	0.85*	0.69
Printing and publishing (342)	1.12	0.75	0.87
Industrial chemicals (351)	1.74	2.03*	1.88*
Other chemicals (352)	0.91	0.73	0.96
Petroleum refineries (353)	0.55	1.49	1.53
Miscellaneous products of petroleum and coal (354)	5.17*	5.99*	3.14
Rubber products (355)	1.41	0.95	0.95
Plastic products (356)	1.48	1.20	1.39
Pottery, china and earthenware (361)	1.40	1.24	1.44
Glass (362)	1.23	0.85	0.92
Other non-metallic mineral products (369)	1.01	0.97	1.00
Iron and steel (371)	0.52	0.41*	0.44
Non-ferrous metals (372)	1.66	0.85	1.24
Metal products, excluding machinery (381)	2.61*	1.94**	2.35**
Non-electrical machinery (382)	1.26	1.15	0.95
Electrical machinery (383)	2.39*	1.61*	2.28*
Transport equipment (384)	2.04	1.56*	1.77*
Professional and scientific equipment, photographic and optical goods (385)	3.35*	4.91*	3.75*
Other manufactures (390)	5.09*	3.46*	4.23*
Total manufacturing (300)	1.24	0.80	0.91

^{a/} Small countries with ample resources and industrial orientation.

ISRAEL

INDICATORS OF APPARENT CONSUMPTION

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g) g/
- | Fish, tinned(407;g)
- | Flour, wheat(601;kg)
- | Raw sugar(801;kg)
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg) b/
- | Oil,cotton seed(516 and 519;kg) b/
- | Oil,olive(528 and 531;kg) b/ g/
- | Oils,other,of vegetable origin(534 & 537;kg) b/

Textiles(321)

- | Wool yarn, pure and mixed(103;g) d/
- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g) b/
- | Woollen woven fabrics(134;g) b/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg)
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
15.4	...	39.7	...	60.3	...	0.502	...
1065.0	...	98.7	...	1.3	...	0.265	...
8845.0	...	99.8	...	1.0	...	1.384	...
9097.0	...	176.6	...	0.8	...	0.889	...
1444.0	...	106.2	...	2.8	...	0.865	...
119.9	...	96.1	...	3.9	...	2.029	...
9.8	...	98.7	...	1.2	...	0.246	...
44.5	...	3.6	...	96.4	...	1.104	...
427.0	...	100.4	...	0.1	...	3.039	...
31.1	...	97.8	...	15.2	...	2.304	...
0.7	...	305.3	...	0.0	...	0.259	...
0.8	...	95.6	...	5.9	...	0.056	...
1.3	...	49.0	...	54.2	...	0.129	...
2497.0	...	100.2	...	0.1	...	0.945	...
6686.0	...	112.8	...	0.0	...	1.520	...
3791.0	...	100.0	...	0.0	...	1.171	...
215.0	...	148.5	...	4.3	...	0.174	...
16.9	...	0.0	...	100.0	...	0.790	...
0.8	...	0.0	...	100.0	...	0.381	...
0.1	...	0.0	...	100.0	...	0.001	...
10.8	...	27.3	...	72.7	...	0.417	...
12.7	...	90.7	...	1.7	...	0.398	...

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals(381)								
Methanol(methyl alcohol)(121;g)	4491.0	...	8.1	...	92.2	...	0.537	...
Chlorine(145;kg)	5.0	...	100.0	...	0.1	...	0.190	...
Sulphuric acid(147;kg)	67.4	...	91.5	...	8.6	...	0.725	...
Ammonia(158;kg)	14.8	...	79.8	...	20.2	...	0.514	...
Caustic soda(159;kg)	6.0	...	93.1	...	7.0	...	0.210	...
Nitrogenous fertilizers(201;kg)	19.6	...	36.7	...	63.8	...	0.891	...
Phosphatic fertilizers(204 and 207;kg)	5.4	...	104.5	...	0.0	...	0.397	...
Potassic fertilizers(210;kg)	170.0	...	99.9	...	0.1	...	9.091	...

a/ Production statistics do not provide for complete coverage.

b/ Estimates.

c/ For first period: 1971 and 1972.

d/ Production data include additional related products.

ISRAEL

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	----- External effects -----		----- Internal effects -----		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	78.8	3.2	15.4	2.7	24.2
Chemicals (5)	75.6	3.2	-2.4	23.6	23.0
Manufactured goods classified chiefly by material (6)	71.8	1.2	32.8	-5.7	24.2
Machinery and transport equipment (7)	44.4	20.0	1.9	33.8	33.4
Miscellaneous manufactured articles (8)	133.0	-9.8	4.0	-27.1	18.6
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	129.5	-0.7	24.2	-52.9	15.9
Rubber manufactures, n.e.s. (62)	196.4	-8.4	3.8	-91.8	12.1
Wood and cork manufactures, excluding furniture (63)	...	...	...	...	...
Paper, paperboard and manufactures thereof (64) a/	167.3	101.1	21.5	-149.9	10.5
Textile yarn, fabrics, made-up articles and related products (65) b/	147.9	-22.4	-5.4	-20.1	11.5
Non-metallic mineral manufactures, n.e.s. (66)	95.1	-7.7	19.8	-7.2	25.3
Iron and steel (67)	105.9	51.5	51.3	-138.8	14.1
Non-ferrous metals (68)	-37.5	13.9	63.0	60.6	3.2
Manufactures of metal, n.e.s. (69)	34.4	30.1	-3.0	38.6	40.7
Machinery, other than electric (71)	47.3	22.7	1.8	28.2	27.3
Electrical machinery, apparatus and appliances (72)	69.3	47.2	-0.1	-16.0	29.6
Transport equipment (73)	29.9	-0.1	-0.5	70.7	42.8
Clothing and footwear (84, 85)	169.5	-9.5	5.9	-65.8	14.7

a/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.
b/ Trade effects and rate of growth were estimated using data for the years 1972 and 1978.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	7.4	8.0	0.81	0.90	0.276	0.239
Beverages (313)	1.3	1.4	0.66	0.66	0.502	0.455
Tobacco (314)	0.2	0.2	0.22	0.18	0.321	0.306
Textiles (321)	8.9	8.4	1.67	1.81	0.482	0.430
Wearing apparel (322)	3.2	3.0 ^{b/}	1.18	1.14 ^{b/}	0.491	0.482
Leather and fur products (323)	1.4	1.4	2.93	3.44	0.399	0.315
Footwear (324)	1.6	1.8	2.16	2.93	0.436	0.412
Wood and cork products (331)	2.1	1.8	0.99	0.97	0.458	0.405
Furniture and fixtures excluding metal (332)	2.9	4.5	1.65	2.62	0.548	0.499
Paper (341)	2.1	2.2	0.58	0.64	0.382	0.395
Printing and publishing (342)	3.7	4.0	0.83	1.02	0.591	0.558
Industrial chemicals (351)	4.6	5.8	0.99	1.03	0.490 ^{e/}	0.408 ^{e/}
Other chemicals (352)	4.3	3.6	1.06	0.77	...	...
Petroleum refineries (353)	1.3	1.0	0.56	0.44	0.275 ^{d/}	0.104 ^{d/}
Miscellaneous products of petroleum and coal (354)	0.2	0.2	0.53	0.52	...	...
Rubber products (355)	2.1	1.8	1.39	1.21	0.540	0.492
Plastic products (356)	1.0	2.0	0.63	0.90	0.443	0.442
Pottery, china and earthenware (361)	1.3	1.5	2.65	3.04	0.571 ^{g/}	0.501 ^{g/}
Glass (362)	1.1	1.0	1.15	1.03	...	...
Other non-metallic mineral products (369)	3.7	3.5	1.22	1.17	...	...
Iron and steel (371)	5.4	5.7	0.79	1.00	0.387	0.319
Non-ferrous metals (372)	1.1	1.1	0.63	0.66	0.506	0.472
Metal products, excluding machinery (381)	8.8	7.0 ^{b/}	1.26	1.05 ^{b/}	0.460	0.469
Non-electrical machinery (382)	10.4	10.8	0.94	1.01	0.422	0.459
Electrical machinery (383)	7.3	7.4	0.92	0.82	0.480	0.505
Transport equipment (384)	8.9	8.9	0.91	0.85	0.399	0.419
Professional and scientific equipment, photographic and optical goods (385)	0.9	0.8	0.50	0.39	0.514	0.545

^{a/} Relative to all large countries.

^{b/} Estimated.

^{e/} Including ISIC 352.

^{d/} Including ISIC 354.

^{g/} Including ISIC 362 and 369.

ITALY

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	0.74	0.68	0.70*
Beverages (313)	0.67	0.61*	0.58
Tobacco (314)	0.20*	0.26*	0.20**
Textiles (321)	1.11	1.19	1.38
Wearing appare. (322)	1.26	0.89	0.97
Leather and fur products (323)	2.79*	2.26*	2.59*
Footwear (324)	2.40	1.72*	2.42
Wood and cork products (331)	0.90	0.71	0.96
Furniture and fixtures excluding metal (332)	2.37*	1.68*	2.15
Paper (341)	0.62	0.68	0.52*
Printing and publishing (342)	1.12	1.15	0.87
Industrial chemicals (351)	0.89	0.86	0.93
Other chemicals (352)	0.80	1.15	0.75
Petroleum refineries (353)	0.59	0.65	0.50
Miscellaneous products of petroleum and coal (354)	0.43	0.52	0.67
Rubber products (355)	1.09	1.55	0.99
Plastic products (356)	1.04	1.16	0.92
Pottery, china and earthenware (361)	3.29*	3.01*	3.19*
Glass (362)	0.90	1.06	0.97
Other non-metallic mineral products (369)	0.96	0.85	0.90
Iron and steel (371)	0.78	1.00	0.73
Non-ferrous metals (372)	0.48	0.55*	0.67
Metal products, excluding machinery (381)	1.06	1.01	1.06
Non-electrical machinery (382)	0.97	1.01	1.00
Electrical machinery (383)	0.72	0.82	0.76
Transport equipment (384)	0.72	0.79	0.70
Professional and scientific equipment, photographic and optical goods (385)	0.84	0.68	0.66
Other manufactures (390)	1.22	1.10	1.29
Total manufacturing (300)	1.09	0.96	1.15

^{a/} Large countries.

ITALY

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g) a/
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g)
- | Fish, tinned(407;g)
- | Flour, wheat(601;kg) b/
- | Meal and groats of all cereals(604;kg)
- | Raw sugar(801;kg)
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg) a/

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg) c/ a/
- | Oil,groundnut(522 and 525;kg) c/
- | Oil,olive(528 and 531;kg) c/
- | Oils,other,of vegetable origin(534 & 537;kg) c/

Textiles(321)

- | Wool yarn, pure and mixed(103;g)
- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g) b/
- | Woollen woven fabrics(134;g) a/
- | Knitted fabrics(301;g) d/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg)
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
25.5	23.8	77.3	76.9	22.8	23.3	0.831	0.700
210.0	81.0	92.6	70.2	7.5	30.8	0.055	0.025
4034.0	4318.0	4.8	1.0	96.6	99.2	1.003	0.935
1978.0	2084.0	67.5	59.0	32.6	41.1	0.492	0.842
10581.0	12878.0	84.5	76.1	19.6	27.4	1.656	1.633
1334.0	1315.0	77.3	77.7	24.8	28.4	0.799	0.760
116.2	138.8	105.1	103.2	0.1	0.0	1.966	2.410
28.7	...	101.6	...	0.0	...	1.538	...
23.6	28.2	93.1	99.5	6.9	0.5	0.593	0.656
28.0	30.7	74.9	83.8	25.1	16.3	0.695	0.751
72.7	133.3	96.4	99.1	4.8	3.3	0.517	0.650
5.1	8.7	98.9	74.6	9.5	26.0	0.378	0.439
5.1	...	88.4	...	11.6	...	3.000	...
14.0	12.7	83.2	89.9	19.1	13.2	1.014	0.914
12.4	...	86.0	...	18.0	...	1.228	...
6203.0	5034.0	102.0	100.9	0.1	0.3	2.347	2.631
3488.0	4322.0	107.8	91.9	0.9	15.0	0.793	1.001
2574.0	2855.0	79.8	77.0	20.7	23.9	0.795	0.931
1650.0	2513.0	152.2	132.2	2.3	0.9	1.332	2.105
...	6108.0	...	105.9	...	1.3	...	2.593
11.2	10.9	88.1	89.1	12.0	109.5	0.523	0.366
0.5	0.9	83.4	94.8	37.5	8.1	0.238	0.500
15.2	19.0	7.3	8.2	92.7	91.8	0.192	0.213
4.5	4.4	110.5	102.4	2.4	7.9	0.174	0.169
20.7	24.6	108.1	112.1	2.6	3.7	0.549	0.603

ITALY

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product(.....unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average(weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals(351)								
Methanol(methyl alcohol)(121;g)	4833.0	5263.0	109.1	76.8	5.2	25.6	0.578	0.329
Chlorine(145;kg) g/	17.0	16.9	101.8	101.7	0.0	0.1	0.646	0.628
Sulphuric acid(147;kg)	58.8	50.9	99.3	102.2	1.7	0.8	0.632	0.617
Nitric acid(149;kg)	18.0	17.1	100.0	100.0	0.0	0.1	0.664	0.559
Ammonia(158;kg) b/	28.0	27.4	100.5	91.8	0.6	10.7	0.972	0.484
Caustic soda(159;kg)	14.6	13.6	132.3	140.5	3.0	13.6	0.510	0.443
Calcium carbide(173;kg)	2.8	0.9	98.4	87.9	2.4	12.4	0.424	0.290
Dyestuffs, synthetic(174;g)	524.0	534.0	46.7	49.6	66.6	82.7	0.972	0.971
Nitrogenous fertilizers(201;kg) b/	11.9	14.5	153.2	121.9	11.4	13.4	0.541	0.631
Phosphatic fertilizers(204 and 207;kg)	6.2	3.8	67.1	66.2	34.4	3.3	0.456	0.265
Potassic fertilizers(210;kg)	5.9	8.2	24.9	30.5	81.9	93.3	0.316	0.400
Rubber, synthetic(301;g)	4365.0	5023.0	66.9	85.3	57.1	50.5	0.636	0.656
Petroleum refineries(352)								
Distillate fuel oils(019;kg) f/	863.5	1218.3	6.3	106.6	6.3	11.8	0.765	1.059
Iron & steel(371)								
Other ferro-alloys(013;kg)	5.2	6.9	71.2	64.3	33.7	42.0	0.584	0.690
Wire rods(028;kg)	19.4	29.4	90.6	92.0	13.8	14.3	0.590	0.955
Angles, shapes, sections, 80 mm or more(036;kg)	12.0	8.3	94.5	160.4	22.6	25.3	0.426	0.331
Angles, shapes, sections, under 80 mm(037;kg)	87.1	118.2	100.4	102.5	2.8	1.8	1.298	1.616
Plates(heavy), over 4.75 mm(040;kg)	31.7	35.9	89.8	109.6	18.5	9.7	0.724	0.865
Plates(media), 3 to 4.75 mm(043;kg)	2.6	2.3	85.6	66.9	40.6	61.4	0.203	0.193
Tubes, seamless(076;kg)	14.0	8.5	118.0	167.7	14.0	19.2	1.207	0.759
Tubes, welded(079;kg)	20.7	31.8	115.0	134.2	2.5	2.4	0.855	1.293
Steel castings in the rough state(085;kg)	2.6	1.8	100.7	126.7	1.0	0.6	0.448	0.353
Steel forgings(088;kg)	6.1	8.7	111.7	100.8	6.7	0.2	1.000	1.582
Non-ferrous metals(372)								
Copper, refined, unwrought(004;g)	5689.0	6181.0	3.7	6.2	97.3	94.7	0.670	0.731
Aluminium, unwrought(022;g)	8291.0	11010.0	67.0	74.3	35.2	31.3	0.553	0.586
Lead, refined, unwrought(037;g)	3833.0	4682.0	36.1	44.3	64.1	57.7	0.837	0.960
Zinc, unwrought(043;g)	5615.0	3637.0	84.5	87.5	15.8	26.1	1.014	0.718

a/ For second period: 1976 only.

b/ For second period: 1976 and 1977.

c/ Estimates.

d/ For second period: 1977 only.

e/ Production statistics do not provide for complete coverage.

f/ All data include residual fuel oils(ISIC 353022).

ITALY

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	100.7	8.2	0.7	-9.6	20.0
Chemicals (5)	108.1	3.9	-1.3	-10.6	19.5
Manufactured goods classified chiefly by material (6)	76.8	5.3	3.9	14.0	22.4
Machinery and transport equipment (7)	119.3	13.1	-3.0	-29.3	18.1
Miscellaneous manufactured articles (8)	99.4	5.4	1.9	-6.7	21.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	65.6	-2.6	0.8	36.2	25.6
Rubber manufactures, n.e.s. (62)	117.3	0.4	0.3	-18.0	20.2
Wood and cork manufactures, excluding furniture (63)	126.6	21.4	2.5	-50.6	18.1
Paper, paperboard and manufactures thereof (64)	76.5	5.5	2.3	13.8	20.2
Textile yarn, fabrics, made-up articles and related products (65)	93.0	10.9	-7.3	3.4	18.3
Non-metallic mineral manufactures, n.e.s. (66)	95.5	-10.6	-4.8	19.9	24.2
Iron and steel (67)	58.4	4.6	3.3	33.7	27.6
Non-ferrous metals (68)	59.3	12.8	12.8	15.1	19.1
Manufactures of metal, n.e.s. (69)	81.4	13.2	4.6	0.8	23.7
Machinery, other than electric (71)	114.1	10.7	-1.9	-22.9	17.2
Electrical machinery, apparatus and appliances (72)	139.3	8.5	-3.6	-44.2	17.6
Transport equipment (73)	112.0	19.7	-1.3	-30.4	19.8
Clothing and footwear (84, 85)	123.2	3.4	-4.7	-21.9	18.4

IVORY COAST

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output <u>g/</u>		Ratio of value added to gross output	
	1970	1978 <u>b/</u>	1970	1978	1970	1978
Food products (311/2)	29.7	23.9	1.15	1.39	...	0.197 <u>g/</u>
Beverages (313)	3.3	3.4	0.69	0.61	...	0.388
Tobacco (314)	6.7	6.5	2.17	1.95	...	...
Textiles (321)	14.1	12.9	1.06	1.12	...	0.345 <u>d/</u>
Wearing apparel (322)	0.8	0.6	0.15	0.08	...	...
Leather and fur products (323)	1.2 <u>e/</u>	1.7 <u>e/</u>	0.53 <u>e/</u>	0.88 <u>e/</u>	...	0.352 <u>g/</u>
Footwear (324)	...	...	...	...	...	...
Wood and cork products (331)	3.3	5.7	1.35	2.44	...	0.277 <u>f/</u>
Furniture and fixtures excluding metal (332)	1.8	1.7	1.16	1.49	...	...
Paper (341)	...	...	...	...	...	...
Printing and publishing (342)	4.1	4.2	1.43	1.46	...	0.350 <u>g/</u>
Industrial chemicals (351)	1.5	2.6	0.76	1.00	...	0.293 <u>h/</u>
Other chemicals (352)	2.0	2.5	0.63	0.62	...	...
Petroleum refineries (353)	9.5	10.8	2.96	2.90	...	0.405 <u>i/</u>
Miscellaneous products of petroleum and coal (354)	-	-	-	-	...	-
Rubber products (355)	0.8	0.9	0.65	0.80	...	0.106
Plastic products (356)	...	...	...	...	...	...
Pottery, china and earthenware (361)	0.3	0.5	1.62	1.48	...	0.292 <u>j/</u>
Glass (362)	0.3	0.5	0.80	0.93	...	...
Other non-metallic mineral products (369)	1.5	1.9	0.47	0.61	...	...
Iron and steel (371)	1.0 <u>k/l/</u>	1.1 <u>k/</u>	0.21 <u>k/l/</u>	0.26 <u>k/</u>	...	0.279 <u>k/</u>
Non-ferrous metals (372)	...	...	...	...	...	...
Metal products, excluding machinery (381)	1.0	1.0	0.21	0.19	...	0.361 <u>l/</u>
Non-electrical machinery (382)	...	...	...	...	...	...
Electrical machinery (383)	2.9	4.8	0.81	0.69	...	...
Transport equipment (384)	10.1	8.3	2.98	2.36	...	0.268
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-	...	-

a/ Relative to all small countries with modest resources.
b/ At current prices.
e/ Including ISIC 314.
d/ Including ISIC 322.
g/ Including ISIC 324.
f/ Including ISIC 332.

g/ Including ISIC 341.
h/ Including ISIC 352 and 356.
i/ Estimated.
j/ Including ISIC 362 and 369.
k/ Including ISIC 372.
l/ Including ISIC 382 and 383.

IVORY COAST

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.31	1.25	1.20
Beverages (313)	0.89	0.88	0.89
Tobacco (314)	2.23	2.15	2.40*
Textiles (321)	2.09	2.24	1.63
Wearing apparel (322)	0.27*	0.26*	0.25*
Leather and fur products (323)	...	...	...
Footwear (324)	...	...	...
Wood and cork products (331)	1.91	2.00	1.91
Furniture and fixtures excluding metal (332)	1.36	1.40	1.29
Paper (341)	...	...	...
Printing and publishing (342)	2.02*	2.02*	1.92
Industrial chemicals (351)	1.36	1.35	1.56
Other chemicals (352)	0.88	0.83	0.82
Petroleum refineries (353)	3.02	2.67	2.74
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	1.10	1.20	1.19
Plastic products (356)	...	...	...
Pottery, china and earthenware (361)	1.25	1.33	b/
Glass (362)	0.98	1.12	1.04
Other non-metallic mineral products (369)	0.49*	0.50*	0.51*
Iron and steel (371)	...	...	...
Non-ferrous metals (372)	...	...	...
Metal products, excluding machinery (381)	0.29**	0.30*	0.28*
Non-electrical machinery (382)	...	...	...
Electrical machinery (383)	2.73*	2.82*	2.21
Transport equipment (384)	5.58*	5.74*	6.15*
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	3.93*	4.37*	4.63*
Total manufacturing (300)	1.04	1.19	0.93

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

IVORY COAST

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972		1970-1972		1970-1972		1970-1972	
	1972	1976-1978	1976-1978	1970-1978	1972	1976-1978	1972	1976-1978
Food products(311)	7.7	6.8	98.2	70.1	1.0	30.0	0.251	0.200
Beef and veal, fresh(101:kg) a/	341.0	628.0	145.5	267.5	74.4	66.5	0.204	0.353
Fish, tinned(407:g) b/	...	169.0	...	108.3	...	7.7	...	0.027
Margarine, imitation lard, etc.(501:kg) b/	12.6	14.2	98.9	96.5	1.4	3.6	0.213	0.247
Flour, wheat(501:kg) c/ d/	13.1	13.7	100.0	100.0	0.0	0.1	0.478	0.484
Bread, ships biscuits, etc.(704:kg) a/ b/	...	4.2	...	100.0	...	0.0	...	0.098
Raw sugar(801:kg)	...	6.6	...	64.7	...	35.6	...	0.161
Refined sugar(204:kg) b/	1.9	2.4	91.1	36.2	6.9	12.5	0.014	0.012
Prepared animal feeds(312201:kg) c/ b/	...	1.1	...	100.1	...	0.0	...	0.733
Vegetable oils(311)	...	...	...	...	...	...	...	...
Oil, cotton seed(516 and 519:kg) d/ b/	...	...	...	...	...	...	...	...
Textiles(321)	739.0	1068.0	98.9	92.7	1.1	5.6	0.168	0.247
Cotton yarn, pure and mixed(109:kg) d/ c/ e/	...	2112.0	...	85.2	...	39.6	...	0.588
Cotton woven fabrics(128:kg) d/ e/	...	...	...	...	...	...	...	...
Pulp and paper(241)	...	...	...	...	...	...	...	...
Wood pulp, sulphate and soda(110:kg)	0.2	0.2	0.0	0.0	...	100.0	...	0.000
Newsprint(119:kg)	...	...	...	...	...	100.0	...	0.008
Industrial chemicals(351)	6.0	9.0	0.0	0.0	100.0	100.0	0.001	0.001
Methanol(methyl alcohol)(121:kg) f/	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Chlorine(145:kg)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Nitric acid(149:kg) g/	0.1	0.2	0.0	0.0	100.0	100.0	0.015	0.065
Calcium carbide(173:kg) a/	101.0	111.0	0.0	0.0	100.0	100.0	0.187	0.202
Dyestuffs, synthetic(174:kg)	1.1	2.4	52.0	26.6	73.8	76.6	0.050	0.098
Nitrogenous fertilizers(201:kg)	0.7	1.0	87.2	36.2	36.5	62.6	0.051	0.074
Phosphatic fertilizers(204 and 207:kg) c/ b/	2.3	2.9	0.0	0.0	100.0	100.0	0.123	0.141
Potassic fertilizers(210:kg) b/	1488.0	1583.0	80.3	85.6	44.3	55.2	0.703	0.786
Insecticides, fungic., disinfect., etc.(216:kg) c/ b/	13.0	23.0	0.0	0.0	100.0	100.0	0.002	0.003
Rubber, synthetic(301:kg)	44.3	52.3	104.1	132.5	9.6	12.0	0.080	0.084
Petroleum refining(352)	50.8	65.2	113.9	144.0	0.9	0.2	0.089	0.123
Distillate fuel oils(019:kg)	...	...	...	...	...	...	...	...
Residual fuel oils(022:kg)	...	...	...	...	...	...	...	...

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (371)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Other ferro-alloys (013; kg) a/	...	0.6	...	0.0	...	100.0	...	0.019
Wire rods (028; kg)	...	1.8	...	0.0	...	100.0	...	0.064
Angles, shapes, sections, 80 mm or more (036; kg) b/	...	2.2	...	0.0	...	100.0	...	0.088
Angles, shapes, sections, under 80 mm (037; kg)	...	-	...	0.0	...	100.0	...	0.000
Plates (heavy), over 4.75 mm (040; kg) g/	...	0.8	...	0.0	...	100.0	...	0.019
Plates (medium), 3 to 4.75 mm (043; kg)	...	0.3	...	0.0	...	100.0	...	0.025
Tubes, seamless (076; kg)	...	0.2	...	0.0	...	100.0	...	0.018
Tubes, welded (079; kg)	...	0.9	...	0.0	...	100.0	...	0.037
Steel castings in the rough state (085; kg)	...	-	...	0.0	...	100.0	...	0.000
Steel forgings (088; kg)	...	-	...	0.0	...	100.0	...	0.000

- a/ For first period: 1971 only.
b/ For second period: 1976 and 1977.
c/ For first period: 1972 only.
d/ Estimates.
e/ For second period: 1977 only.
f/ For first period: 1970 and 1971.
g/ For first period: 1970 only.
h/ For first period: 1971 and 1972.

IVORY COAST

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitive-ness	
Total manufactures (5 to 8)	69.7	9.3	-1.9	23.0	21.7
Chemicals (5)	60.5	4.3	-4.7	39.9	26.3
Manufactured goods classified chiefly by material (6)	77.6	0.0	5.5	16.9	18.8
Machinery and transport equipment (7)	53.4	28.3	1.7	16.6	26.2
Miscellaneous manufactured articles (8)	53.5	11.7	-3.8	38.6	24.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61) g/	59.5	74.5	4.3	-38.3	29.9
Rubber manufactures, n.e.s. (62) g/	102.8	-27.1	-2.1	26.4	2.8
Wood and cork manufactures, excluding furniture (63)	93.7	-0.6	-12.1	19.0	19.0
Paper, paperboard and manufactures thereof (64)	100.9	0.4	29.8	-31.0	18.3
Textile yarn, fabrics, made-up articles and related products (65)	35.7	-13.5	7.1	70.7	26.9
Non-metallic mineral manufactures, n.e.s. (66) g/	28.1	41.3	5.1	25.5	38.2
Iron and steel (67)	146.7	10.4	-25.6	-31.5	27.7
Non-ferrous metals (68)	71.2	25.9	13.4	-10.5	25.9
Manufactures of metal, n.e.s. (69)	...	...	...	...	...
Machinery, other than electric (71)	42.2	22.4	5.4	30.0	32.4
Electrical machinery, apparatus and appliances (72)	36.3	20.4	0.2	43.2	28.8
Transport equipment (73)	77.7	40.4	-0.8	-17.3	21.7
Clothing and footwear (84, 85)	41.0	6.3	-2.2	54.9	39.2

g/ Trade effects were estimated using data for the years 1970-1971 and 1976-1977. The rate of growth relates to 1970-1977.

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INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1974
Food products (311/2)	25.4	22.9	1.99	1.73	0.304	0.255
Beverages (313)	9.5	16.0	3.92	6.22	0.717	0.802
Tobacco (314)	11.3	11.5	9.94	11.39	0.699	0.828
Textiles (321)	0.6	0.6	0.13	0.14	0.270 b/	0.170 b/
Wearing apparel (322)	4.2	4.1	1.54	1.69	...	...
Leather and fur products (323)	0.4	0.7	0.81	1.89	0.417	0.882
Footwear (324)	3.4	2.4	4.08	4.38	0.371	0.845
Wood and cork products (331)	0.7	1.2	0.18	0.31	0.346	0.352
Furniture and fixtures excluding metal (332)	4.0	2.8	1.72	1.19	0.588	0.712
Paper (341)	1.9	2.3	0.43	0.54	0.495 e/	0.657 e/
Printing and publishing (342)	2.6	3.1	0.46	0.59	...	...
Industrial chemicals (351)	4.9	6.7	1.08	1.21	0.611 d/	0.745 d/
Other chemicals (352)	1.0	1.4	0.28	0.33	...	...
Petroleum refineries (353)	2.0	1.3	1.44	0.92	...	...
Miscellaneous products of petroleum and coal (354)	2.2	1.5	3.48	2.84	...	...
Rubber products (355)	2.1	2.8	1.72	2.34	...	...
Plastic products (356)	0.6	0.8	0.41	0.44	...	...
Pottery, china and earthenware (361)	4.0 g/	2.9 g/	0.95 g/	0.72 g/	0.409 f/	0.427 f/
Glass (362)	1.1	0.9	1.33	1.00	...	...
Other non-metallic mineral products (369)	...	...	...	...	...	...
Iron and steel (371)	-	-	-	-	-	-
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	5.4	4.3	0.72	0.57	0.530 g/	0.513 g/
Non-electrical machinery (382)	3.6	2.9	0.44	0.36	...	...
Electrical machinery (383)	1.2	1.0	0.18	0.13	...	...
Transport equipment (384)	3.3	2.6	0.46	0.36	...	...
Professional and scientific equipment, photographic and optical goods (385)	4.4 h/	3.5 h/	2.33 h/	1.53 h/	...	0.825 h/

a/ Relative to all small countries with ample resources and industrial orientation.

b/ Including ISIC 322.

c/ Including ISIC 342.

d/ Including ISIC 352, 355 and 356.

e/ Including ISIC 369.

f/ Including ISIC 362 and 369.

g/ Including ISIC 382, 383 and 384.

h/ Including ISIC 390.

JAMAICA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{g/}
Food products (311/2)	1.28	1.13	1.14
Beverages (313)	2.49*	2.41*	1.54*
Tobacco (314)	5.33**	4.82*	2.58*
Textiles (321)	0.16**	0.18**	0.23**
Wearing apparel (322)	1.09	0.89	1.00
Leather and fur products (323)	0.62	0.61	0.62*
Footwear (324)	2.01	1.83	2.16*
Wood and cork products (331)	0.39*	0.42	0.56
Furniture and fixtures excluding metal (332)	1.78	1.93	1.66
Paper (341)	1.13	1.16	1.03
Printing and publishing (342)	1.07	1.13	0.81
Industrial chemicals (351)	2.79*	2.60	2.16*
Other chemicals (352)	0.46*	0.37*	0.47**
Petroleum refineries (353)	0.44	0.26	1.19
Miscellaneous products of petroleum and coal (354)	5.51*	4.87*	2.44
Rubber products (355)	2.64*	2.76*	0.83
Plastic products (356)	0.59	0.55	0.44*
Pottery, china and earthenware (361)	...	...	...
Glass (362)	2.32	2.77	1.58
Other non-metallic mineral products (369)	...	...	...
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	1.13	1.22	0.92
Non-electrical machinery (382)	1.91	2.32	1.11
Electrical machinery (383)	0.55	0.55	0.48*
Transport equipment (384)	1.34	1.22	0.75
Professional and scientific equipment, photographic and optical goods (385)	...	...	...
Other manufactures (390)	...	...	...
Total manufacturing (300)	1.19	1.53	0.74*

^{g/} Small countries with ample resources and industrial orientation.

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g)
- | Flour, wheat(801;kg)
- | Flour, cereal, other than wheat(607;kg)
- | Bread, ships' biscuits, etc.(704;kg)
- | Raw sugar(801;kg)
- | Prepared animal feeds(312201;kg)

Textiles(321)

- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g) a/ b/

Pulp and paper(341)

- | Wood pulp, sulphate and soda(110;kg)

Industrial chemicals(351)

- | Methanol(methyl alcohol)(121;g)
- | Sulphuric acid(147;kg) s/
- | Ammonia(158;kg)
- | Caustic soda(159;kg)
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg) s/
- | Phosphatic fertilizers(204 and 207;kg) d/
- | Potassic fertilizers(210;kg) d/
- | Rubber, synthetic(301;g) d/

Petroleum refineries(353)

- | Distillate fuel oils(019;kg)
- | Residual fuel oils(022;kg)

Iron & steel(371)

- | Other ferro-alloys(013;kg)
- | Wire rods(028;kg)
- | Angles, shapes, sections, 20 mm or more(036;kg)
- | Plates(medium), 3 to 4.75 mm(043;kg)
- | Tubes, seamless(076;kg)
- | Steel castings in the rough state(085;kg)
- | Steel forgings(088;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
...	8.6	...	66.9	...	33.1	...	0.250
...	14874.0	...	97.2	...	2.9	...	4.674
...	56.2	...	43.1	...	56.9	...	0.976
...	9.8	...	92.2	...	7.8	...	1.667
...	15.2	...	100.0	...	0.0	...	0.537
...	51.0	...	301.8	...	0.0	...	1.186
...	100.3	...	96.0	...	4.0	...	0.489
...	18.0	...	0.0	...	100.0	...	0.004
...	738.0	...	99.0	...	1.0	...	0.241
...	-	...	0.0	...	100.0	...	0.000
...	14.0	...	0.0	...	100.0	...	0.001
...	9.1	...	100.5	...	0.5	...	0.092
...	0.1	...	0.0	...	100.0	...	0.002
...	125.8	...	0.0	...	100.0	...	4.098
...	118.0	...	0.0	...	100.0	...	0.216
...	17.2	...	11.2	...	88.8	...	0.630
...	1.4	...	0.0	...	100.0	...	0.103
...	3.2	...	0.0	...	100.0	...	0.166
...	659.0	...	0.0	...	100.0	...	0.056
...	134.6	...	93.9	...	16.6	...	0.217
...	730.6	...	30.6	...	69.6	...	1.360
...	-	...	0.0	...	100.0	...	0.000
...	15.0	...	0.0	...	100.0	...	0.487
...	0.9	...	0.0	...	100.0	...	0.036
...	1.9	...	0.0	...	100.0	...	0.160
...	0.8	...	0.0	...	100.0	...	0.048
...	0.1	...	0.0	...	100.0	...	0.020
...	-	...	0.0	...	100.0	...	0.000

JAMAICA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production / Imports As a percentage of apparent consumption				Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
	Non-ferrous metals (322)							
Aluminium, unwrought (022;g)	...	813.0	...	0.0	...	100.0	...	0.043
Lead, refined, unwrought (037;g)	...	20.0	...	0.0	...	100.0	...	0.004
Zinc, unwrought (042;g)	...	821.0	...	0.0	...	100.0	...	0.103

- a/ Estimates.
- b/ For second period: 1978 only.
- c/ For second period: 1976 only.
- d/ For second period: 1976 and 1977.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	7.8	7.1	0.85	0.79	0.297	0.318
Beverages (313)	1.8	1.6	0.89	0.77	0.481	0.297
Tobacco (314)	0.4	0.4	0.36	0.39	...	...
Textiles (321)	6.3	5.0	1.17	1.07	0.370	0.398
Wearing apparel (322)	1.9	1.6	0.68	0.61	0.416	0.475
Leather and fur products (323)	0.3	0.2	0.68	0.60	0.345	0.354
Footwear (324)	0.2	0.2	0.25	0.28	0.407	0.385
Wood and cork products (331)	3.7	2.6	1.74	1.39	0.345	0.367
Furniture and fixtures excluding metal (332)	1.5	1.0	0.86	0.61	0.413	0.438
Paper (341)	3.3	3.1	0.91	0.91	0.364	0.357
Printing and publishing (342)	5.6	4.1 b/	1.26	1.03 b/	0.554	0.556
Industrial chemicals (351)	4.6	4.6	0.99	0.82	0.455	0.354
Other chemicals (352)	3.6	5.4	0.91	1.15	0.539	0.558
Petroleum refineries (353)	1.1	1.2	0.50	0.51	0.233	0.098
Miscellaneous products of petroleum and coal (354)	0.3	0.3	0.86	0.80	0.218	0.192
Rubber products (355)	1.2	1.2	0.79	0.81	0.463	0.455
Plastic products (356)	2.6	2.8	1.60	1.26	0.388	0.393
Pottery, china and earthenware (361)	0.6	0.5	1.15	1.13	0.606	0.607
Glass (362)	0.9	0.8	0.97	0.83	0.622	0.589
Other non-metallic mineral products (369)	3.9	3.7	1.28	1.22	0.489	0.455
Iron and steel (371)	6.6	6.0	0.98	1.04	0.301	0.322
Non-ferrous metals (372)	1.7	1.7	1.00	1.16	0.241	0.284
Metal products, excluding machinery (381)	7.1	7.6	1.02	1.14	0.441	0.451
Non-electrical machinery (382)	13.2	12.2	1.20	1.14	0.440	0.454
Electrical machinery (383)	8.6	11.8	1.09	1.30	0.394	0.401
Transport equipment (384)	8.0	9.1	0.82	0.67	0.355	0.336
Professional and scientific equipment, photographic and optical goods (385)	1.3	2.4	0.68	1.15	0.457	0.429

g/ Relative to all large countries.

b/ Estimated.

JAPAN

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	1.06	0.87	1.01
Beverages (313)	1.30	1.12	1.44
Tobacco (314)	0.59	0.63	0.68
Textiles (321)	0.85	1.08	1.28
Wearing apparel (322)	1.02	0.72	0.84
Leather and fur products (323)	0.75	0.64*	0.75
Footwear (324)	0.36*	0.26**	0.35*
Wood and cork products (331)	1.93	1.44	2.08
Furniture and fixtures excluding metal (332)	1.13	0.80	0.94
Paper (341)	1.15	1.23	0.91
Printing and publishing (342)	2.03*	1.90*	1.46
Industrial chemicals (351)	0.81	0.82	0.86
Other chemicals (352)	1.00	1.59	0.97
Petroleum refineries (353)	0.85	0.92	0.88
Miscellaneous products of petroleum and coal (354)	0.90	1.07	1.90
Rubber products (355)	0.83	1.43	0.79
Plastic products (356)	2.01	2.26**	1.77
Pottery, china and earthenware (361)	1.56	1.55	1.45
Glass (362)	0.76	1.12	1.16
Other non-metallic mineral products (369)	1.37	1.25	1.38
Iron and steel (371)	0.95	1.47	0.96
Non-ferrous metals (372)	0.79	1.26	1.53
Metal products, excluding machinery (381)	1.21	1.25	1.27
Non-electrical machinery (382)	1.15	1.26	1.15
Electrical machinery (383)	1.01	1.31	0.96
Transport equipment (384)	0.75	0.95	0.83
Professional and scientific equipment, photographic and optical goods (385)	1.78	1.28	1.00
Other manufactures (390)	1.69	1.74	1.54
Total manufacturing (300)	0.91	0.95	1.09

^{a/} Large countries.

JAPAN

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products(31)								
Beef and veal, fresh (101:kg)	3.2	3.9	87.9	79.3	12.1	20.7	0.104	0.116
Milk and cream, condensed (201:g)	43.0	686.0	106.4	83.4	10.6	16.7	0.011	0.216
Milk and cream, dried (204:g)	2210.0	2771.0	78.9	61.1	28.3	39.0	0.049	0.600
Butter (207:g)	488.0	539.0	91.2	86.0	9.7	13.2	0.116	0.140
Cheese (210:g)	728.0	1099.0	68.1	49.1	48.0	60.9	0.114	0.139
Vegetables, tinned or bottled (322:g)	1862.0	2061.0	62.1	71.2	19.3	29.1	0.102	0.106
Fish, tinned (407:g)	1078.0	1426.0	329.0	249.6	1.7	6.0	0.646	0.624
Margarine, imitation lard, etc. (501:g)	2656.0	4151.0	106.0	98.3	0.6	2.2	0.458	0.688
Flour, wheat (601:kg)	32.7	34.6	100.0	100.9	0.0	0.0	0.601	0.601
Raw sugar (801:kg)	38.9	26.8	19.8	18.8	80.2	81.2	0.778	0.623
Refined sugar (804:kg) a/	23.7	24.2	100.2	100.2	0.1	0.0	0.568	0.692
Prepared animal feeds (312201:kg) b/	151.3	176.1	100.2	99.8	0.7	0.2	1.077	0.864
Vegetable oils(32)								
Oil, soy bean (510 and 513:kg) a/	4.2	4.8	102.6	99.1	0.3	1.2	0.311	0.227
Oil, cotton seed (516 and 519:kg)	0.5	0.4	88.5	45.4	11.8	54.9	0.186	0.267
Oil, groundnut (522 and 526:kg) c/	-	...	107.4	...	14.3	...	0.000	...
Oils, other, of vegetable origin (534 & 537:kg) d/	9.6	7.1	92.2	78.9	10.6	24.7	0.564	0.877
Textiles(33)								
Wool yarn, pured and mixed (103:g)	1740.0	1131.0	101.0	103.4	0.3	0.1	0.658	0.591
Cotton yarn, pured and mixed (105:g)	5274.0	4444.0	98.4	91.5	4.6	9.9	1.199	1.029
Cotton woven fabrics (128:g) e/	3376.0	2987.0	97.6	96.0	4.2	5.1	1.043	0.964
Woolen woven fabrics (134:g) d/	1462.0	1104.0	102.6	100.5	1.4	1.8	1.180	0.928
Knitted fabrics (301:g)	1630.0	1474.0	123.7	118.9	0.6	1.0	0.987	0.626
Pulp and paper(34)								
Wood pulp, mechanical (101:kg)	12.1	15.9	98.9	85.8	1.3	14.2	0.668	0.534
Pulp of fibres other than wood (104:kg)	0.1	0.2	61.8	68.4	38.2	31.7	0.048	0.111
Wood pulp, sulphate and soda (110:kg)	51.9	58.3	91.0	90.2	9.3	11.7	0.657	0.663
Newsprint (119:kg)	19.0	20.7	98.4	102.1	3.6	1.9	0.734	0.793
Other printing and writing paper (122:kg)	21.1	26.8	106.9	104.5	0.5	1.4	0.661	0.667

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals(351)								
Methanol(methyl alcohol)(121;g)	9204.0	9174.0	103.9	63.7	1.6	18.7	1.100	0.573
Chlorine(145;kg) g/	4.2	5.9	100.1	100.0	0.0	0.0	0.160	0.164
Sulphuric acid(147;kg)	64.0	53.3	99.9	104.0	0.1	0.0	0.688	0.541
Nitric acid(149;kg)	5.0	5.4	101.7	103.5	0.0	0.0	0.185	0.176
Ammonia(158;kg)	6.3	...	112.4	...	2.6	...	0.219	...
Caustic soda(159;kg)	24.1	23.1	108.8	105.5	0.1	1.2	0.843	0.752
Calcium carbide(173;kg)	8.3	5.0	100.7	97.1	0.0	3.0	1.266	1.613
Dyestuffs, synthetic(174;g) g/	446.0	360.0	119.8	133.3	21.0	28.8	0.827	0.655
Nitrogenous fertilizers(201;kg)	4.6	2.2	374.6	660.4	2.6	8.6	0.209	0.061
Phosphatic fertilizers(204 and 207;kg)	2.4	2.9	115.7	88.6	5.1	16.7	0.176	0.213
Potassic fertilizers(210;kg) g/	...	5.6	...	4.8	...	98.2	...	0.273
Rubber, synthetic(301;g)	5252.0	6401.0	137.8	134.7	5.2	3.9	0.765	0.836
Petroleum refineries(352)								
Distillate fuel oils(019;kg)	209.1	297.0	99.0	99.6	1.3	0.6	0.376	0.478
Residual fuel oils(022;kg)	1091.7	1087.1	82.1	81.6	18.0	18.5	1.905	2.053
Iron & steel(371)								
Other ferro-alloys(013;kg) f/	12.3	12.5	97.6	87.0	5.3	16.5	1.382	1.250
Wire rods(028;kg)	39.5	...	122.1	...	0.0	...	1.201	...
Angles, shapes, sections, 80 mm or more(036;kg) g/	189.9	188.4	105.2	111.8	0.0	0.0	1.993	2.089
Plates(heavy), over 4.75 mm(040;kg) h/	103.7	99.2	134.5	135.1	0.1	0.1	1.632	1.858
Tubes, seamless(076;kg)	6.9	5.3	240.7	431.2	0.3	0.5	0.595	0.473
Tubes, welded(079;kg)	33.6	34.6	149.8	183.6	0.0	0.4	1.388	1.407
Steel castings in the rough state(085;kg)	7.7	5.4	100.1	100.5	0.0	0.0	1.328	1.059
Steel forgings(088;kg)	6.3	5.0	101.4	101.7	0.0	0.1	1.033	0.909
Non-ferrous metals(372)								
Aluminium, unwrought(022;g) f/	14170.0	18854.0	82.8	77.0	18.0	26.6	0.945	1.003
Lead, refined, unwrought(037;g)	2026.0	2259.0	100.7	86.8	1.7	16.4	0.443	0.463
Zinc, unwrought(043;g)	6392.0	6358.0	109.0	105.8	2.2	4.2	1.155	1.266
Tin, unwrought(049;g)	281.0	269.0	8.2	4.0	96.2	96.3	1.191	1.116

a/ For second period: 1976 and 1977.

b/ For second period: 1977 only.

c/ For first period: 1971 and 1972.

d/ Estimates.

e/ Production statistics do not provide for complete coverage.

f/ Production data include additional related products.

g/ All data include angles, shapes, sections, under 80 mm (ISIC 371037).

h/ All data include medium plates of 3 to 4.75 mm (ISIC 371043).

JAPAN

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1974-1978
(PERCENTAGE)

EXPORT (SITC)	----- External effects -----		----- Internal effects -----		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitive-ness	
Total manufactures (5 to 8)	79.2	-0.7	1.0	20.5	22.9
Chemicals (5)	116.5	7.4	4.2	-28.1	19.4
Manufactured goods classified chiefly by material (6)	95.2	2.7	-2.5	4.7	17.3
Machinery and transport equipment (7)	63.3	-1.5	4.3	33.9	27.7
Miscellaneous manufactured articles (8)	118.2	-8.4	-5.2	-4.5	19.2
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	56.4	28.9	-1.0	15.7	27.9
Rubber manufactures, n.e.s. (62)	93.4	11.0	1.1	-5.5	20.8
Wood and cork manufactures, excluding furniture (63)	...	...	...	...	...
Paper, paperboard and manufactures thereof (64)	107.6	-7.8	5.6	-5.5	15.3
Textile yarn, fabrics, made-up articles and related products (65)	166.3	-22.2	-10.4	-33.7	10.3
Non-metallic mineral manufactures, n.e.s. (66)	134.1	8.5	-18.4	-24.2	17.7
Iron and steel (67)	77.7	9.8	-2.7	15.3	19.5
Non-ferrous metals (68)	46.7	19.3	-0.2	34.2	19.6
Manufactures of metal, n.e.s. (69)	107.0	-10.3	-3.3	6.6	20.4
Machinery, other than electric (71)	59.6	5.6	-3.3	38.1	27.8
Electrical machinery, apparatus and appliances (72)	82.7	-2.7	0.1	19.9	24.6
Transport equipment (73)	59.4	-4.4	4.2	38.7	29.8
Clothing and footwear (84, 85)	-57.1	113.7	-3.9	47.3	0.4

KENYA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
Food products (311/2)	22.8	22.4	0.88	1.31	0.164	0.141
Beverages (313)	5.6	9.0	1.38	1.60	0.449	0.336 ^{b/}
Tobacco (314)	1.2	1.1	0.38	0.34	0.502	...
Textiles (321)	3.8	4.8	0.29	0.42	0.305	0.330
Wearing apparel (322)	4.2	4.5	0.81	0.58	0.255	0.156
Leather and fur products (323)	0.5	1.0	0.64	1.43	0.193	0.254 ^{g/}
Footwear (324)	0.8	1.0	0.47	0.80	0.271	...
Wood and cork products (331)	2.1	1.8	0.87	0.78	0.366	0.312
Furniture and fixtures excluding metal (332)	1.4	1.1	0.91	0.94	0.301	0.288
Paper (341)	4.7	6.9	2.14	3.03	0.251	0.295
Printing and publishing (342)	3.1	3.7	1.06	1.28	0.411	0.297
Industrial chemicals (351)	4.3	3.0	2.14	1.15	0.278 ^{d/}	0.320
Other chemicals (352)	7.2	5.4	2.26	1.33	...	0.097 ^{g/}
Petroleum refineries (353)	4.3	3.4	1.34	0.92	0.159	...
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	1.5	2.0	1.12	1.86	0.371	0.294
Plastic products (356)	0.6	1.9	0.27	0.58	...	0.211
Pottery, china and earthenware (361)	0.1	0.1	0.30	0.35	-	0.361 ^{f/}
Glass (362)	0.6	0.8	1.41	1.63	0.448	...
Other non-metallic mineral products (369)	7.5	3.9	2.46	1.25	0.360	0.360
Iron and steel (371)	0.5	0.7 ^{g/}	0.33	0.43 ^{g/}	...	0.133 ^{g/}
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	6.2	8.0	1.34	1.62	0.332	0.353
Non-electrical machinery (382)	1.9	0.5	1.15	0.20	0.312	0.289
Electrical machinery (383)	3.4	4.7	0.95	0.68	0.430	0.380
Transport equipment (384)	9.5	7.0	2.81	2.01	0.497	0.204
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-	-	-

^{a/} Relative to all small countries with modest resources.

^{b/} Including ISIC 314.

^{c/} Including ISIC 324.

^{d/} Including ISIC 352.

^{e/} Including ISIC 353.

^{f/} Including ISIC 362.

^{g/} Estimated.

KENYA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.06	1.06	1.07
Beverages (313)	1.72	1.72	1.24
Tobacco (314)	0.25*	0.26*	0.26*
Textiles (321)	0.40*	0.42*	0.29*
Wearing apparel (322)	1.36	1.53	1.56
Leather and fur products (323)	0.96	1.03	1.00
Footwear (324)	0.62	0.68	0.46
Wood and cork products (331)	0.80	0.78	0.68
Furniture and fixtures excluding metal (332)	1.67	1.64	1.69
Paper (341)	3.75*	3.62*	3.11
Printing and publishing (342)	1.90	1.77	1.46
Industrial chemicals (351)	2.96*	3.18*	2.75
Other chemicals (352)	2.12	2.37*	1.83
Petroleum refineries (353)	1.14	1.51	1.67
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	2.09	2.44	1.67
Plastic products (356)	1.52	1.67	1.36
Pottery, china and earthenware (361)	0.24*	0.23*	b/
Glass (362)	1.48	1.72	2.40
Other non-metallic mineral products (369)	1.59	1.62	1.38
Iron and steel (371)	0.75	0.80	0.77
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	2.25*	2.28*	1.74
Non-electrical machinery (382)	1.85	1.69	1.70
Electrical machinery (383)	3.27*	3.57*	3.23*
Transport equipment (384)	8.44**	9.82**	10.66*
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	1.40	1.31	1.41
Total manufacturing (300)	0.98	1.00	0.87

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg) a/
- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g)
- | Margarine, imitation lard, etc.(501;g) a/
- | Flour, wheat(601;kg) b/ c/
- | Flour, cereal, other than wheat(607;kg) b/ c/
- | Bread, ships' biscuits, etc.(704;kg) d/ e/
- | Raw sugar(801;kg)
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oils, other, of vegetable origin(534 & 537;kg) f/

Textiles(321)

- | Cotton yarn, pure and mixed(109;g) g/
- | Cotton woven fabrics(128;g) d/ g/
- | Woollen woven fabrics(134;g) d/ a/

Pulp and paper(341)

- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Methanol (methyl alcohol)(121;g)
- | Calcium carbide(173;kg)
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg) f/
- | Phosphatic fertilizers(204 and 207;kg) f/
- | Potassic fertilizers(210;kg) f/
- | Insecticides, fungic., disinfect., etc.(216;g)
- | Rubber, synthetic(301;g)

Petroleum refineries(353)

- | Distillate fuel oils(019;kg)
- | Residual fuel oils(022;kg)

Iron & steel(371)

- | Angles, shapes, sections, 80 mm or more(036;kg)
- | Tubes, seamless(076;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
11.5	9.3	101.9	101.9	0.0	0.0	0.375	0.274
290.0	28.0	100.1	319.7	2.5	79.9	0.076	0.009
392.0	150.0	70.9	119.8	49.0	20.1	0.097	0.032
343.0	173.0	121.3	148.9	2.5	1.6	0.085	0.045
47.0	20.0	104.8	101.1	7.6	11.0	0.007	0.003
...	175.0	...	92.9	...	36.0	...	0.606
...	2433.0	...	101.6	...	0.1	...	0.386
11.4	10.3	100.0	100.0	0.0	0.1	0.193	0.179
7.1	21.9	100.0	101.0	0.0	0.0	0.986	3.642
5.7	9.2	100.0	100.0	0.1	0.0	0.208	0.325
10.9	13.6	100.0	100.9	0.0	0.0	0.274	0.316
15.2	15.4	63.1	81.1	36.9	18.9	0.377	0.377
...	3.8	...	106.0	...	1.5	...	0.019
...	3.5	...	18.9	...	82.4	...	0.432
...	221.0	...	98.3	...	1.9	...	0.051
...	444.0	...	99.1	...	0.9	...	0.145
...	60.0	...	91.7	...	8.3	...	0.050
...	0.9	...	112.6	...	12.6	...	0.022
...	10.0	...	0.0	...	100.0	...	0.001
...	0.1	...	0.0	...	100.0	...	0.032
19.0	54.0	0.0	0.0	100.0	100.0	0.035	0.098
1.6	1.5	0.0	0.0	100.0	100.0	0.073	0.055
...	1.9	...	0.0	...	100.0	...	0.140
0.2	0.3	0.0	0.0	100.0	100.0	0.011	0.015
...	358.0	...	28.1	...	139.2	...	0.180
184.0	232.0	0.0	0.0	100.0	100.0	0.027	0.030
35.7	23.0	112.9	159.0	12.8	2.1	0.064	0.037
38.1	36.3	253.2	211.4	1.2	0.7	0.066	0.09
1.2	...	0.0	...	100.0	...	0.043	...
0.5	0.5	0.0	0.0	100.0	100.0	0.043	0.045

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals(322)								
Copper, refined, unwrought(004;u)	...	-	...	0.0	...	100.0	...	0.000
Aluminium, unwrought(022;g) h/ i/	-	6.0	0.0	0.0	100.0	100.0	0.000	0.000
Lead, refined, unwrought(037;g)	47.0	83.0	0.0	0.0	100.0	100.0	0.010	0.017
Zinc, unwrought(043;g)	190.0	329.0	0.0	0.0	100.0	100.0	0.034	0.065
Tin, unwrought(049;g)	10.0	2.0	0.0	0.0	100.0	100.0	0.042	0.008

- a/ For second period: 1977 and 1978.
 b/ Trade data for 1970 refer only to trade with OECD countries.
 c/ For first period: 1970 only.
 d/ Estimates.
 e/ For first period: 1972 only.
 f/ For second period: 1976 and 1977.
 g/ For second period: 1978 only.
 h/ For first period: 1970 and 1971.
 i/ For second period: 1976 and 1978.

KENYA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SIC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	64.8	29.8	0.6	4.7	21.3
Chemicals (5)	107.7	18.1	-22.9	-2.9	17.3
Manufactured goods classified chiefly by material (6)	45.5	37.2	14.9	2.4	23.4
Machinery and transport equipment (7)	18.5	11.9	0.4	69.2	39.4
Miscellaneous manufactured articles (8)	89.2	42.4	-9.1	-22.5	19.7
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	40.2	13.8	0.4	45.7	26.1
Rubber manufactures, n.e.s. (62)	7.5	0.4	-0.7	92.9	57.0
Wood and cork manufactures, excluding furniture (63)	154.5	48.2	43.0	-143.7	13.4
Paper, paperboard and manufactures thereof (64)	55.5	0.1	16.0	28.4	21.7
Textile yarn, fabrics, made-up articles and related products (65)	50.1	-2.1	4.6	47.3	22.3
Non-metallic mineral manufactures, n.e.s. (66)	78.4	106.1	10.9	-95.4	18.3
Iron and steel (67)	5.3	4.6	-0.5	90.7	72.1
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	38.0	23.7	1.0	37.3	30.0
Machinery, other than electric (71)	31.7	25.8	1.1	41.4	32.4
Electrical machinery, apparatus and appliances (72)	15.9	6.0	-0.8	78.4	33.4
Transport equipment (73)	15.5	13.6	0.6	70.3	161.3
Clothing and footwear (84, 85)	...	...	...	...	...

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output $\frac{g}{}$		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	3.0	3.6	0.23	0.27	0.148	0.192
Beverages (313)	3.6 $\frac{b}{}$	3.9 $\frac{b}{}$	1.14 $\frac{b}{}$	1.16 $\frac{b}{}$	0.443 $\frac{b}{}$	0.426 $\frac{b}{}$
Tobacco (314)	...	...	...	...	...	...
Textiles (321)	0.4	0.4 $\frac{g}{}$	0.08	0.09 $\frac{g}{}$	0.400	0.526
Wearing apparel (322)	0.6	0.4	0.21	0.18	0.432	0.646
Leather and fur products (323)	-	-	-	-	-	-
Footwear (324)	-	-	-	-	-	-
Wood and cork products (331)	0.4	0.4	0.09	0.12	0.351 $\frac{d}{}$	0.493 $\frac{d}{}$
Furniture and fixtures excluding metal (332)	0.5	0.7	0.23	0.29	...	...
Paper (341)	...	...	...	...	...	...
Printing and publishing (342)	2.5	2.7	0.44	0.62	0.658 $\frac{g}{}$	0.873 $\frac{g}{}$
Industrial chemicals (351)	5.4 $\frac{f}{}$	7.5 $\frac{f}{}$	0.54 $\frac{f}{}$	0.63 $\frac{f}{}$	0.387 $\frac{g}{}$	0.371 $\frac{g}{}$
Other chemicals (352)	...	...	...	...	0.484	0.564
Petroleum refineries (353)	-	-	-	-	-	-
Miscellaneous products of petroleum and coal (354)	...	...	...	...	...	...
Rubber products (355)	11.3	12.4	9.39	10.29	...	...
Plastic products (356)	...	...	...	...	...	...
Pottery, china and earthenware (361)	4.0 $\frac{h}{}$	4.8 $\frac{h}{}$	0.79 $\frac{h}{}$	0.98 $\frac{h}{}$	0.527 $\frac{i}{}$	0.418 $\frac{i}{}$
Glass (362)	...	...	...	...	...	...
Other non-metallic mineral products (369)	...	...	...	...	...	...
Iron and steel (371)	54.4	46.5	11.93	11.17	0.517	0.332
Non-ferrous metals (372)	1.8	1.6	0.99	0.79	0.365	0.237
Metal products, excluding machinery (381)	2.3	2.9	0.31	0.39	0.564	0.513
Non-electrical machinery (382)	6.6	8.3	0.80	1.03	0.459	0.374
Electrical machinery (383)	1.1	1.4	0.16	0.18	0.580	0.559
Transport equipment (384)	1.9	2.4	0.26	0.33	0.420 $\frac{i}{}$	0.450 $\frac{i}{}$
Professional and scientific equipment, photographic and optical goods (385)	0.1 $\frac{g}{}$	0.1 $\frac{g}{}$	0.05 $\frac{g}{}$	0.06 $\frac{g}{}$	...	...

$\frac{a}{}$ Relative to all small countries with ample resources and industrial orientation.

$\frac{b}{}$ Including ISIC 314.

$\frac{g}{}$ Estimated.

$\frac{d}{}$ Including ISIC 332.

$\frac{e}{}$ Including ISIC 341.

$\frac{f}{}$ Including ISIC 352, 354 and 356.

$\frac{g}{}$ Including ISIC 354, 355 and 356.

$\frac{h}{}$ Including ISIC 362 and 369.

$\frac{i}{}$ Including ISIC 362, 369 and 390.

$\frac{j}{}$ Including ISIC 385.

LUXEMBOURG

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group <u>a/</u>
Food products (311/2)	0.28*	0.41*	0.66*
Beverages (313)	...	...	...
Tobacco (314)	...	...	...
Textiles (321)	0.29*	0.23***	0.41*
Wearing apparel (322)	0.12**	0.36**	0.25**
Leather and fur products (323)	-	-	-
Footwear (324)	-	-	-
Wood and cork products (331)	0.17*	0.23**	0.51*
Furniture and fixtures excluding metal (332)	0.19**	0.33**	0.28**
Paper (341)	...	...	...
Printing and publishing (342)	0.64	0.62*	0.89*
Industrial chemicals (351)	...	...	...
Other chemicals (352)	...	...	...
Petroleum refineries (353)	-	-	-
Miscellaneous products of petroleum and coal (354)	...	...	...
Rubber products (355)	12.67**	6.29**	3.18**
Plastic products (356)	...	...	...
Pottery, china and earthenware (361)	...	...	...
Glass (362)	...	...	...
Other non-metallic mineral products (369)	...	...	...
Iron and steel (371)	29.98***	12.96***	6.49*
Non-ferrous metals (372)	3.62	1.32	2.56
Metal products, excluding machinery (381)	0.57	0.58*	0.65*
Non-electrical machinery (382)	2.45*	1.49	1.57
Electrical machinery (383)	0.42*	0.38**	0.49*
Transport equipment (384)	0.68	0.74	0.80
Professional and scientific equipment, photographic and optical goods (385)	0.11**	0.18**	0.03***
Other manufactures (390)	0.05**	0.03***	0.01***
Total manufacturing (300)	1.96*	1.23	1.02

a/ Small countries with ample resources and industrial orientation.

MADAGASCAR

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INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	23.4	20.2	0.91	1.18	0.350	0.348
Beverages (313)	2.5	5.3	0.53	0.94	0.452	0.807
Tobacco (314)	1.8	2.9	0.58	0.86	0.402	0.323
Textile (321)	25.4	29.8	1.91	2.59	0.545	0.382
Wearing apparel (322)	7.4	6.4	1.44	0.82	0.407	0.340
Leather and fur products (323)	0.2	0.4	0.24	0.61	0.435	0.307
Footwear (324)	3.0	2.6	1.80	2.07	0.687	0.438
Wood and cork products (331)	3.2	1.9	1.33	0.81	0.478 b/	0.409 b/
Furniture and fixtures excluding metal (332)	0.7	0.4	0.46	0.35	...	...
Paper (341)	3.3	5.1	1.50	2.21	0.469	0.411
Printing and publishing (342)	4.2	2.5	1.44	0.86	0.631	0.447
Industrial chemicals (351)	0.7	1.1	0.35	0.41	0.589 g/	0.276 g/
Other chemicals (352)	6.0	9.0	1.89	2.24	...	...
Petroleum refineries (353)	3.5	1.7	1.10	0.44	0.869	0.658 g/
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	0.4	0.6	0.34	0.54	0.711	0.423
Plastic products (356)	0.3	0.6 g/	0.13	0.18 g/	...	...
Pottery, china and earthenware (361)	-	-	-	-	-	-
Glass (362)	0.1	0.2 g/	0.19	0.39 g/	0.459	0.430
Other non-metallic mineral products (369)	2.1	1.3	0.67	0.43	0.401	0.306 g/
Iron and steel (371)	-	-	-	-	-	-
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	7.7	4.2 g/	1.65	0.86 g/	0.392	0.223
Non-electrical machinery (382)	-	-	-	-	-	-
Electrical machinery (383)	1.9	1.7	0.52	0.25	0.350	0.354
Transport equipment (384)	1.5	1.0	0.45	0.27	0.382	0.388
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-	-	-

g/ Relative to all small countries with modest resources.

b/ Including ISIC 332.

g/ Including ISIC 352.

d/ 1975.

e/ Estimated.

NADAGASCAR

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.90	0.89	0.88
Beverages (313)	0.76	0.75	0.63
Tobacco (314)	0.43*	0.48	0.47
Textiles (321)	2.84*	3.06 ^a	2.48*
Wearing apparel (322)	2.42	2.57	2.56
Leather and fur products (323)	0.45*	0.47	0.45
Footwear (324)	2.06	2.04	1.56
Wood and cork products (331)	0.86	0.79	0.86
Furniture and fixtures excluding metal (332)	0.43*	0.40*	0.43*
Paper (341)	2.96*	2.91*	2.45
Printing and publishing (342)	1.71	1.60	1.42
Industrial chemicals (351)	0.74	0.79	0.67
Other chemicals (352)	2.66*	3.22*	2.74*
Petroleum refineries (353)	0.72	1.02	0.97
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.63	0.83	0.86
Plastic products (356)	0.62	0.72	0.66
Pottery, china and earthenware (361)	-	-	-
Glass (362)	0.30*	0.38	0.49
Other non-metallic mineral products (369)	0.40*	0.49*	0.36*
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	1.80*	1.84	1.60
Non-electrical machinery (382)	-	-	-
Electrical machinery (383)	1.53	1.74	1.76
Transport equipment (384)	1.16	1.47	1.55
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	0.82	0.76	0.78
Total manufacturing (300)	1.00	1.02	0.94

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^{a/} Small countries with modest resources.

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg)
- | Milk and cream, condensed (201;g) a/
- | Butter (207;g)
- | Cheese (210;g)
- | Bread, ships' biscuits, etc. (704;kg)
- | Raw sugar (801;kg) b/ c/
- | Prepared animal feeds (312201;kg)

Vegetable oils (311)

- | Oil, groundnut (822 and 525;kg) d/

Textiles (321)

- | Cotton woven fabrics (128;g) d/

Pulp and paper (341)

- | Wood pulp, mechanical (101;kg) e/ f/ c/
- | Pulp of fibres other than wood (104;kg) b/ c/
- | Newsprint (119;kg) b/ g/ c/
- | Other printing and writing paper (122;kg) h/

Industrial chemicals (351)

- | Methanol (methyl alcohol) (121;g)
- | Chlorine (145;kg)
- | Nitric acid (149;kg)
- | Ammonia (158;kg)
- | Caustic soda (189;kg)
- | Calcium carbide (173;kg)
- | Nitrogenous fertilizers (201;kg) i/
- | Phosphatic fertilizers (204 and 207;kg) i/
- | Potassic fertilizers (210;kg) i/
- | Insecticides, fungic., disinfect., etc. (216;g)
- | Rubber, synthetic (301;g)

Petroleum refineries (353)

- | Distillate fuel oils (019;kg)
- | Residual fuel oils (022;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
14.8	12.6	107.3	102.6	0.0	0.0	0.482	0.371
474.0	586.0	49.3	93.9	50.7	1.1	0.123	0.184
113.0	...	0.3	...	99.9	...	0.028	...
77.0	...	4.6	...	95.7	...	0.012	...
1.6	...	100.0	...	0.0	...	0.058	...
12.7	11.3	119.2	128.4	0.0	0.0	0.319	0.263
0.4	...	88.7	...	12.4	...	0.003	...
5.6	3.6	99.4	99.9	0.6	0.1	3.294	3.000
1407.0	1213.0	99.8	135.4	0.3	0.0	0.435	0.395
0.3	0.5	100.0	100.0	0.0	0.0	0.014	0.017
...	0.2	...	100.0	...	0.0	...	0.111
0.2	0.5	94.8	100.0	5.5	0.0	0.008	0.019
0.7	0.5	86.6	99.3	13.4	0.7	0.022	0.012
2.0	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000
0.3	0.3	0.0	0.0	100.0	100.0	0.010	0.010
0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
0.9	0.6	0.0	0.0	100.0	100.0	0.041	0.022
0.4	0.1	0.0	0.0	100.0	100.0	0.029	0.007
0.5	0.2	0.0	0.0	100.0	100.0	0.027	0.010
288.0	...	35.9	...	64.2	...	0.136	...
3.0	7.0	0.0	0.0	100.0	100.0	0.000	0.001
19.2	15.0	117.6	101.5	10.1	9.6	0.035	0.024
2.4	7.0	1213.7	347.3	3.0	0.0	0.004	0.013

MADAGASCAR

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production				Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption							
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978		
Iron & steel (321)										
Other ferro-alloys (013;kg)	-	...	0.0	...	100.0	...	0.000	...		
Wire rcds (028;kg) j/ f/	0.1	...	0.0	...	100.0	...	0.003	...		
Angles, shapes, sections, 80 mm or more (036;kg) j/ f/	0.5	0.4	0.0	0.0	100.0	100.0	0.018	0.016		
Angles, shapes, sections, under 80 mm (037;kg) i/	-	...	0.0	...	100.0	...	0.000	...		
Plates (heavy), over 4.75 mm (040;kg) k/	-	-	0.0	0.0	100.0	100.0	0.000	0.000		
Plates (medium), 3 to 4.75 mm (043;kg) k/	-	...	0.0	...	100.0	...	0.000	...		
Tubes, seamless (076;kg) j/ f/	0.6	...	0.0	...	100.0	...	0.052	...		
Non-ferrous metals (322)										
Aluminium, unwrought (022;g)	89.0	91.0	0.0	0.0	100.0	100.0	0.006	0.006		
Lead, refined, unwrought (037;g)	45.0	39.0	0.0	0.0	100.0	100.0	0.010	0.008		
Tin, unwrought (049;g)	1.0	-	0.0	0.0	100.0	100.0	0.004	0.000		

- a/ For first period: 1972 only.
 b/ Trade data for 1977 refer only to trade with OECD countries.
 c/ For second period: 1977 only.
 d/ Estimates.
 e/ Trade data refer only to trade with OECD countries.
 f/ For first period: 1970 only.
 g/ For first period: 1971 and 1972.
 h/ For second period: 1976 only.
 i/ For second period: 1976 and 1977.
 j/ Trade data for 1970 refer only to trade with OECD countries.
 k/ For first period: 1970 and 1971.

MALAWI

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE

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Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

a/ Small countries with modest resources.

1970 BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group g/
0.99	0.94	1.02
1.05	1.02	0.85
1.22	1.58	1.33
0.54	0.63	0.71
1.62	1.80	2.10
1.11	1.16	1.19
0.60	0.63	0.43
1.47	1.18	1.69
0.36*	0.29*	0.41*
1.35	1.28	0.63
1.26	1.04	0.98
...
...
-	-	-
-	-	-
1.58	2.94*	4.73*
2.45*	3.33*	3.06*
...
-	-	-
1.48	1.48	1.28
-	-	-
-	-	-
...
...
...
...
-	-	-
1.64	1.34	1.19
1.29	1.19	1.32

MALAWI

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	51.8	11.9	1.8	34.5	23.6
Chemicals (5)	77.1	-1.8	4.8	20.0	23.1
Manufactured goods classified chiefly by material (6)	31.3	10.1	6.2	52.3	35.7
Machinery and transport equipment (7)	140.7	72.2	25.5	-138.5	14.0
Miscellaneous manufactured articles (8)	93.0	15.2	-5.6	-2.6	9.8
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63) ^{a/}	125.1	63.9	25.9	-114.9	16.6
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	11.1	-2.9	1.9	89.9	57.8
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	-77.3	165.5	54.6	-42.8	-4.5
Machinery, other than electric (71)	61.9	15.0	11.3	11.8	15.1
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	144.2	23.2	-9.0	-58.3	14.0

^{a/} Trade effects were estimated using data for the years 1970-1971 and 1976-1977. The rate of growth relates to 1970-1977.

MALAYSIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1974
Food products (311/2)	19.6	15.7	1.54	1.19	0.225	0.175
Beverages (313)	2.2	2.6	0.90	1.01	0.537	0.444
Tobacco (314)	4.1	3.5	3.60	3.48	0.309	0.303
Textiles (321)	3.7	6.5	0.74	1.46	0.270	0.302
Wearing apparel (322)	0.9	1.6	0.33	0.64	0.270	0.260
Leather and fur products (323)	0.1	0.1 b/	0.19	0.24 b/	0.286	0.273
Footwear (324)	0.3	0.2	0.30	0.35	0.222	0.375
Wood and cork products (331)	14.5	13.6	3.65	3.53	0.355	0.342
Furniture and fixtures excluding metal (332)	1.0	0.9	0.41	0.38	0.280	0.345
Paper (341)	0.8	1.1	0.19	0.25	0.265	0.303
Printing and publishing (342)	5.9	4.3 b/	1.05	0.83 b/	0.445	0.472
Industrial chemicals (351)	2.8	2.1	0.61	0.38	0.389	0.270
Other chemicals (352)	3.3	3.4	0.94	0.82	0.391	0.398
Petroleum refineries (353)	3.7	1.8	2.72	1.26	0.244	0.076
Miscellaneous products of petroleum and coal (354)	0.1	0.1	0.22	0.27	0.000	0.429
Rubber products (355)	11.7	9.8	9.71	8.12	0.425	0.262
Plastic products (356)	1.1	1.5 b/	0.81	0.86 b/	0.350	0.345
Pottery, china and earthenware (361)	0.3	0.3	0.60	0.73	0.500	0.671
Glass (362)	0.5	0.5	0.58	0.62	0.400	0.333
Other non-metallic mineral products (369)	4.3	4.8	1.20	1.40	0.551	0.455
Iron and steel (371)	2.3	2.9	0.50	0.70	0.309	0.321
Non-ferrous metals (372)	0.4	0.4	0.22	0.18	0.333	0.364
Metal products, excluding machinery (381)	3.3	4.0	0.44	0.54	0.318	0.309
Non-electrical machinery (382)	2.7	3.3	0.33	0.41	0.411	0.368
Electrical machinery (383)	7.8	11.4	1.14	1.50	0.359	0.374
Transport equipment (384)	2.2	2.5	0.31	0.35	0.281	0.255
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.6	0.11	0.44	0.186 g/	0.417

a/ Relative to all small countries with ample resources and industrial orientation.

b/ Estimated.

g/ Including ISIC 390.

Data refers to MALAYSIA, PENINSULAR only.

MALAYSIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD (average (weighted))	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
			As a percentage of apparent consumption					
Food products (311)								
Beef and veal, fresh (101;kg) a/ b/	1.4	1.9	91.2	71.1	8.8	28.9	0.045	0.056
Milk and cream, condensed (201;g) b/	6287.0	7042.0	106.0	103.6	1.1	0.7	1.632	2.213
Fish, tinned (407;g) b/	816.0	1335.0	25.1	25.5	94.9	88.7	0.489	0.771
Flour, wheat (601;kg) a/ b/	24.2	25.7	92.3	95.2	9.3	6.4	0.409	0.446
Raw sugar (801;kg) b/	...	17.3	...	25.5	...	74.5	...	0.402
Prepared animal feeds (312201;kg) a/ b/	36.0	46.7	75.6	66.0	24.0	12.3	0.256	0.228
Textiles (321)								
Cotton woven fabrics (128;g) a/ b/	1079.0	2315.0	106.9	107.1	4.0	3.7	0.333	0.755
Pulp and paper (341)								
Pulp of fibres other than wood (104;kg) c/ b/	0.1	0.1	94.6	98.0	5.5	2.0	0.048	0.056
Other printing and writing paper (122;kg) a/ b/	...	3.4	...	2.6	...	97.6	...	0.083
Industrial chemicals (351)								
Nitric acid (149;kg) b/	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Nitrogenous fertilizers (201;kg) a/ b/	11.0	18.2	31.0	18.5	70.9	81.6	0.500	0.667
Phosphatic fertilizers (204 and 207;kg) b/	...	2.4	...	66.2	...	46.2	...	0.176
Potassic fertilizers (210;kg) b/	6.4	10.5	0.0	0.0	100.0	100.0	0.342	0.512
Rubber, synthetic (301;g) b/	131.0	342.0	0.0	0.0	100.0	100.0	0.019	0.045
Petroleum refineries (353)								
Distillate fuel oils (019;kg) d/ b/	128.5	174.8	61.4	77.0	57.2	24.0	0.231	0.281
Residual fuel oils (022;kg) d/ b/	178.0	190.8	121.0	84.2	3.8	15.8	0.311	0.360
Iron & steel (371)								
Other ferro-alloys (013;kg) b/	0.1	0.2	0.0	0.0	100.0	100.0	0.011	0.020
Wire rods (028;kg) b/	6.0	21.1	67.1	70.6	32.9	29.4	0.182	0.685
Plates (heavy), over 4.75 mm (040;kg) b/	4.5	5.0	0.0	0.0	100.0	100.0	0.103	0.120
Plates (medium), 3 to 4.75 mm (043;kg) b/	1.0	2.5	0.0	0.0	100.0	100.0	0.078	0.210
Tubes, seamless (076;kg) b/	1.5	2.6	23.6	37.4	80.0	64.9	0.129	0.232
Tubes, welded (079;kg) b/	4.2	5.3	84.3	101.8	24.3	8.6	0.174	0.215
Steel forgings (088;kg) b/	0.1	-	0.0	0.0	100.0	100.0	0.016	0.000
Non-ferrous metals (372)								
Aluminium, unwrought (022;g) b/	248.0	807.0	0.0	0.0	100.0	100.0	0.017	0.043
Zinc, unwrought (043;g) b/	223.0	755.0	0.0	0.0	100.0	100.0	0.040	0.149

- a/ Estimates.
b/ For second period: 1976 and 1977.
c/ For first period: 1970 and 1972.
d/ Production statistics do not provide for complete coverage.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1971 AND 1976-1977
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1977
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	78.5	0.0	-21.6	43.1	20.3
Chemicals (5)	124.5	-12.0	-14.9	2.3	16.8
Manufactured goods classified chiefly by material (6)	119.7	1.3	-22.8	1.8	13.6
Machinery and transport equipment (7)	18.4	1.2	-0.3	80.7	47.0
Miscellaneous manufactured articles (8)	13.9	-3.3	-0.2	89.5	48.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	37.5	30.2	1.2	31.1	36.8
Rubber manufactures, n.e.s. (62)	90.4	-15.1	-3.1	27.7	21.4
Wood and cork manufactures, excluding furniture (63)	74.9	18.1	-4.3	11.3	23.1
Paper, paperboard and manufactures thereof (64)	166.0	-95.2	34.6	-5.5	10.4
Textile yarn, fabrics, made-up articles and related products (65)	22.4	-4.9	4.6	77.9	38.1
Non-metallic mineral manufactures, n.e.s. (66) ^{a/}	183.8	-53.9	15.9	-45.8	14.9
Iron and steel (67) ^{a/}	74.6	-17.6	-1.7	44.7	21.8
Non-ferrous metals (68)	94.2	1.6	16.9	-12.7	11.3
Manufactures of metal, n.e.s. (69)	58.1	-26.2	5.1	63.0	28.3
Machinery, other than electric (71)	69.3	-4.6	5.6	29.6	14.6
Electrical machinery, apparatus and appliances (72)	4.4	2.5	-0.1	93.2	43.7
Transport equipment (73)	101.7	-2.4	-9.8	10.5	17.9
Clothing and footwear (84, 85)	22.5	-6.0	-0.3	43.8	43.0

^{a/} Trade effects and rate of growth were estimated using data for the years 1971 and 1977.

MALTA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
Food products (311/2)	8.0	5.0	0.63	0.38	0.219	0.255
Beverages (313)	8.7	5.1	3.62	1.98	0.489	0.586
Tobacco (314)	2.6	2.2	2.26	2.19	0.112	0.154
Textiles (321)	6.3	3.7	1.27	0.84	0.379	0.479
Wearing apparel (322)	9.8	25.3	3.55	10.38	0.400	0.415
Leather and fur products (323)	0.3	1.1	0.64	2.85	0.375	0.554
Footwear (324)	0.9	1.3	1.11	2.34	0.479	0.394
Wood and cork products (331)	2.4	0.6	0.59	0.15	0.527	0.479
Furniture and fixtures excluding metal (332)	8.8	3.7	3.78	1.57	0.532	0.570
Paper (341)	0.8	1.3	0.17	0.30	0.253	0.393
Printing and publishing (342)	4.1	7.8	0.73	1.51	0.725	0.557
Industrial chemicals (351)	0.4 ^{b/}	0.3 ^{b/}	0.09 ^{b/}	0.05 ^{b/}	0.435 ^{c/b/}	0.510
Other chemicals (352)	1.3	1.0	0.37	0.25	...	0.383
Petroleum refineries (353)	-	-	-	-	-	-
Miscellaneous products of petroleum and coal (354)	0.1	0.0 ^{b/}	0.14	0.05 ^{b/}	0.183	0.355
Rubber products (355)	5.5	3.1	4.53	2.57	0.740	0.609
Plastic products (356)	3.0	1.9 ^{b/}	2.11	1.08 ^{b/}	...	0.501
Pottery, china and earthenware (361)	0.6	0.2	1.37	0.48	0.547 ^{d/}	0.690
Glass (362)	0.9	0.6 ^{b/}	1.03	0.73 ^{b/}	...	0.545
Other non-metallic mineral products (369)	3.8	1.2	1.05	0.35	0.388	0.381
Iron and steel (371)	-	-	-	-	-	-
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	9.0	7.0	1.19	0.94	0.350	0.462
Non-electrical machinery (382)	1.3	1.2	0.16	0.15	0.737	0.730
Electrical machinery (383)	3.3	15.0	0.48	1.98	0.560	0.435
Transport equipment (384)	4.5	3.1	0.62	0.44	0.519	0.430
Professional and scientific equipment, photographic and optical goods (385)	1.0 ^{b/}	1.4 ^{b/}	0.82 ^{b/}	1.15 ^{b/}	0.440 ^{e/}	0.562

^{a/} Relative to all small countries with ample resources and industrial orientation.

^{b/} Estimated.

^{c/} Including ISIC 352 and 356.

^{d/} Including ISIC 362.

^{e/} Including ISIC 390.

MALTA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	0.32*	0.64	0.83
Beverages (313)	1.08	1.40	0.99
Tobacco (314)	1.60	1.10	0.79
Textiles (321)	1.95	0.75	1.87
Wearing apparel (322)	3.21*	3.47**	4.01**
Leather and fur products (323)	0.99	0.76	0.89
Footwear (324)	0.52	0.50 ^v	0.67
Wood and cork products (331)	0.47	0.57	1.36
Furniture and fixtures excluding metal (332)	2.24*	1.78*	2.59*
Paper (341)	0.49	0.51*	0.69
Printing and publishing (342)	1.50	2.07*	1.70*
Industrial chemicals (351)	0.14*	0.12***	0.36**
Other chemicals (352)	0.87	0.59	0.71
Petroleum refineries (353)	-	-	-
Miscellaneous products of petroleum and coal (354)	0.34	0.44	0.76
Rubber products (355)	4.50*	1.54	0.48*
Plastic products (356)	1.68	1.41	1.31
Pottery, china and earthenware (361)	1.40	0.80	1.19
Glass (362)	3.05*	0.83	0.64
Other non-metallic mineral products (369)	0.67	0.52**	0.82
Iron and steel (371)	3.45*	1.17	0.89
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	2.39*	1.43*	1.96*
Non-electrical machinery (382)	0.99	0.70	0.76
Electrical machinery (383)	4.28*	2.30**	2.82**
Transport equipment (384)	2.27	1.04	1.52
Professional and scientific equipment, photographic and optical goods (385)	3.32*	5.49**	1.83
Other manufactures (390)	6.20*	2.41*	1.91
Total manufacturing (300)	2.99*	0.99	1.31*

^{a/} Small countries with ample resources and industrial orientation.

MALTA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	35.8	0.7	-1.6	65.0	37.2
Chemicals (5) ^{a/}	136.1	63.8	-13.7	-86.2	21.5
Manufactured goods classified chiefly by material (6)	103.7	-0.9	-1.6	-1.2	19.6
Machinery and transport equipment (7)	36.3	-1.4	-3.5	68.5	51.3
Miscellaneous manufactured articles (8)	26.0	0.8	0.0	73.2	42.7
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	11.3	-0.9	-1.1	90.7	112.9
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	...	...	...	...	...
Paper, paperboard and manufactures thereof (64)	49.7	-12.5	15.0	47.8	19.8
Textile yarn, fabrics, made-up articles and related products (65)	137.5	2.4	-17.3	-22.6	12.1
Non-metallic mineral manufactures, n.e.s. (66)	10.8	-0.9	-2.5	92.6	73.7
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	17.9	4.1	-2.5	80.6	93.9
Machinery, other than electric (71)	...	...	...	...	...
Electrical machinery, apparatus and appliances (72)	45.5	2.0	-1.3	53.8	47.9
Transport equipment (73)	13.2	-2.3	-2.3	92.0	109.9
Clothing and footwear (84, 85)	26.3	0.4	0.9	72.3	40.8

^{a/} Trade effects were estimated using two year averages for 1970 and 1972, 1976 and 1978, respectively.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978 ^{b/}	1970	1978	1970	1978
Food products (311/2)	88.9	52.1	3.45	3.04	0.231	0.175
Beverages (313)	2.8	8.0	0.69	1.42	0.240	0.212
Tobacco (314)	1.4	3.0	0.45	0.91	...	0.169
Textiles (321)	0.3	2.6	0.03	0.23	0.378	0.254
Wearing apparel (322)	0.6	9.8	0.11	1.25	0.460 ^{g/}	0.368
Leather and fur products (323)	0.0	0.4	0.06	0.63	...	0.375
Footwear (324)	0.3	0.8	0.17	0.45	...	0.389
Wood and cork products (331)	0.1	0.5	0.06	0.21	...	0.569
Furniture and fixtures excluding metal (332)	0.3	0.7	0.23	0.52	0.440	0.450
Paper (341)	0.2	0.8	0.08	0.34	...	0.428
Printing and publishing (342)	0.6	2.6	0.20	0.89	0.521	0.521
Industrial chemicals (351)	0.5 ^{g/}	5.0 ^{g/}	0.10 ^{g/}	0.73 ^{g/}	0.296 ^{g/}	0.310 ^{g/}
Other chemicals (352)	...	...	...	...	...	...
Petroleum refineries (353)	-	0.1	-	0.03	-	...
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	0.1	0.4	0.11	0.38	0.380	0.360
Plastic products (356)	0.0 ^{f/}	0.8	0.01 ^{f/}	0.26	...	0.379
Pottery, china and earthenware (361)	0.6 ^{g/}	3.3 ^{g/}	0.16 ^{g/}	0.83 ^{g/}	...	...
Glass (362)	...	...	...	...	0.369 ^{h/}	0.200
Other non-metallic mineral products (369)	...	...	...	...	...	0.323
Iron and steel (371)	-	-	-	-	-	-
Non-ferrous metals (372)	-	-	-	-	-	-
Metal products, excluding machinery (381)	0.3	2.1	0.07	0.47	0.279	0.196 ^{f/}
Non-electrical machinery (382)	0.3	0.9	0.15	0.37	0.239	0.371
Electrical machinery (383)	0.2	2.1	0.05	0.30	0.461	0.472
Transport equipment (384)	1.6	1.6	0.46	0.47	0.460	0.591
Professional and scientific equipment, photographic and optical goods (385)	0.3	0.9	0.52	0.66	...	0.331

^{a/} Relative to all small countries with modest resources.

^{b/} At current prices.

^{c/} Including ISIC 324.

^{d/} Including ISIC 352.

^{e/} Including ISIC 352 and 353.

^{f/} Estimated.

^{g/} Including ISIC 362 and 369.

^{h/} Including ISIC 369.

MAURITIUS

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

253

g/ Small countries with modest resources.

IE 1970: BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group g/
4.72**	3.89*	4.05*
0.92	0.85	1.54
0.83	0.92	0.89
0.17**	0.22*	0.30*
0.78	0.66	0.81
0.17**	0.17**	0.19*
0.48	0.45	0.52
0.20*	0.19*	0.21*
0.35*	0.71*	0.33*
0.28*	0.27*	0.22*
0.56	0.50*	0.66
...
...
0.03**	0.03**	0.03**
-	-	-
0.28*	0.46	1.37
0.20**	0.20*	0.21*
...
...
...
-	-	-
-	-	-
0.38*	0.11*	0.59
0.83	0.96	1.29
0.77	0.92	1.15
1.85	2.35	3.02
2.15	1.64	1.46
0.71	0.86	0.69
1.93*	2.20*	2.07*

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products (311)								
Beef and veal, fresh (101;kg) a/	2.6	4.1	90.9	26.0	9.1	74.0	0.065	0.121
Raw sugar (801;kg) a/	112.3	205.3	705.1	387.0	0.0	0.0	2.822	4.774
Refined sugar (804;kg) a/	35.4	51.8	125.3	111.1	0.1	0.0	0.878	1.267
Prepared animal feeds (312201;kg) a/	12.5	26.6	38.1	16.4	61.9	85.5	0.089	0.130
Pulp and paper (341)								
Newsprint (119;kg)	0.8	0.9	0.0	0.0	100.0	100.0	0.031	0.034
Other printing and writing paper (122;kg)	0.9	1.4	0.0	0.0	100.0	100.0	0.028	0.034
Industrial chemicals (351)								
Chlorine (145;kg) a/	0.1	0.1	0.0	0.0	100.0	100.0	0.004	0.003
Ammonia (158;kg) a/	-	12.1	0.0	0.0	100.0	100.0	0.000	0.214
Caustic soda (159;kg) a/	0.8	1.0	0.0	0.0	100.0	100.0	0.028	0.033
Dyestuffs, synthetic (174;g) a/	119.0	124.0	0.0	0.0	100.0	100.0	0.221	0.225
Nitrogenous fertilizers (201;kg) b/	...	13.0	...	44.8	...	55.2	...	0.476
Phosphatic fertilizers (204 and 207;kg) b/	3.8	2.1	0.0	0.0	100.0	100.0	0.279	0.154
Potassic fertilizers (210;kg) b/	11.3	14.8	0.0	0.0	100.0	100.0	0.604	0.722
Rubber, synthetic (301;g) a/	69.0	292.0	0.0	0.0	100.0	100.0	0.010	0.038
Petroleum refineries (382)								
Distillate fuel oils (019;kg) c/ d/	13.2	...	0.0	...	100.0	...	0.024	...
Iron & steel (371)								
Wire rods (028;kg) a/	0.5	0.8	0.0	0.0	100.0	100.0	0.015	0.016
Angles, shapes, sections, 80 mm or more (036;kg) a/	2.1	4.6	0.0	0.0	100.0	100.0	0.074	0.183
Angles, shapes, sections, under 80 mm (037;kg) c/ d/	0.6	...	0.0	...	100.0	...	0.009	...
Plates (heavy), over 4.75 mm (040;kg) a/ a/	1.1	6.3	0.0	0.0	100.0	100.0	0.025	0.152
Plates (medium), 3 to 4.75 mm (043;kg) a/	2.5	...	0.0	...	100.0	...	0.195	...
Tubes, seamless (076;kg) a/	2.1	3.7	0.0	0.0	100.0	100.0	0.181	0.330
Tubes, welded (079;kg) c/ d/	0.5	...	0.0	...	100.0	...	0.021	...
Non-ferrous metals (372)								
Lead, refined, unwrought (037;g) a/	8.0	5.0	0.0	0.0	100.0	100.0	0.002	0.001
Zinc, unwrought (043;g)	117.0	...	0.0	...	100.0	...	0.021	...
Tin, unwrought (049;g) a/	2.0	2.0	0.0	0.0	100.0	100.0	0.008	0.008

a/ For second period: 1976 only.

b/ For second period: 1976 and 1977.

c/ Trade data for 1970 refer only to trade with OECD countries.

d/ For first period: 1970 only.

e/ For first period: 1970 and 1971.

MAURITIUS

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970 AND 1976
(PERCENTAGE)

EXPORT (SITC)	----- External effects -----		----- Internal effects -----		Compound rate of growth 1970-1976
	Demand in world market	Change in market composition	Change in product composition	Competitive- ness	
Total manufactures (5 to 8)	4.9	0.3	-0.1	94.9	84.9
Chemicals (5)	34.1	-2.6	-4.3	72.8	39.3
Manufactured goods classified chiefly by material (6)	39.5	1.5	7.0	52.0	30.4
Machinery and transport equipment (7)	1.5	0.9	-0.0	97.7	129.1
Miscellaneous manufactured articles (8)	1.1	0.0	0.1	98.8	138.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	29.7	0.0	-0.7	71.0	39.4
Rubber manufactures, n.e.s. (62)	149.5	-16.7	-16.1	-16.7	16.8
Wood and cork manufactures, excluding furniture (63)	16.3	0.0	3.9	79.8	53.8
Paper, paperboard and manufactures thereof (64)	5.6	-3.0	1.7	95.8	75.7
Textile yarn, fabrics, made-up articles and related products (65)	43.5	-8.7	4.2	81.0	27.0
Non-metallic mineral manufactures, n.e.s. (66)	35.1	13.0	7.4	44.5	38.2
Iron and steel (67)	27.1	0.0	-7.0	79.9	39.1
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	...	...	...	...	...
Machinery, other than electric (71)	41.9	28.6	2.5	26.9	32.7
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	17.1	0.0	9.8	73.1	55.9
Clothing and footwear (84,85)	0.9	-0.1	-0.1	99.3	201.3

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output _{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	15.9	13.3	1.74	1.49	0.210	0.271
Beverages (313)	7.0	6.6	3.48	3.09	0.406	0.561
Tobacco (314)	2.8	2.1	2.83	2.15	0.632	0.749
Textiles (321)	6.9	6.1	1.29	1.32	0.404	0.431
Wearing apparel (322)	1.9	2.0	0.69	0.77	...	...
Leather and fur products (323)	0.6	0.5 _{b/}	1.26	1.10 _{b/}	...	...
Footwear (324)	0.8	0.8	1.06	1.37	...	...
Wood and cork products (331)	1.8	1.3	0.84	0.69	0.479	0.736
Furniture and fixtures excluding metal (332)	1.4	1.2 _{b/}	0.81	0.73 _{b/}	...	...
Paper (341)	3.9	4.0	1.10	1.19	0.403	0.395
Printing and publishing (342)	2.9	2.3	0.65	0.59	...	...
Industrial chemicals (351)	1.9	4.9	0.83	0.87	0.540	0.401
Other chemicals (352)	0.0	8.6	1.99	1.84	0.325	0.394
Petroleum refineries (353)	0.3	0.3	0.12	0.13	...	...
Miscellaneous products of petroleum and coal (354)	0.3	0.4	1.06	1.23	0.342	0.278
Rubber products (355)	2.0	2.1	1.33	1.39	0.526	0.507
Plastic products (356)	2.5	1.8 _{b/}	1.56	0.82 _{b/}	...	...
Pottery, china and earthenware (361)	0.3	0.4	0.67	0.88	...	...
Glass (362)	1.0	1.3	1.13	1.28	0.526	0.591
Other non-metallic mineral products (369)	3.0	3.4	0.97	1.13	0.491	0.526
Iron and steel (371)	7.1	8.1	1.05	1.41	0.278	0.297
Non-ferrous metals (372)	3.1	3.2 _{b/}	1.76	1.92 _{b/}	0.304	0.365
Metal products, excluding machinery (381)	6.4	6.2	0.92	0.92	0.416	0.398
Non-electrical machinery (382)	3.3	4.6	0.30	0.43	0.420	0.449
Electrical machinery (383)	6.0	7.0	0.77	0.78	0.408	0.436
Transport equipment (384)	4.8	5.8	0.69	0.56	0.219 _{g/}	0.223
Professional and scientific equipment, photographic and optical goods (385)	0.8	0.6 _{b/}	0.41	0.30 _{b/}	...	...

_{a/} Relative to all large countries.

_{b/} Estimated.

_{g/} 1971.

MEXICO

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{g/}
Food products (311/2)	1.25	1.24	1.29
Beverages (313)	2.83*	3.01*	2.82*
Tobacco (314)	1.59	1.04	1.49
Textiles (321)	0.69	0.63	0.86
Wearing apparel (322)	0.98	1.12	0.91
Leather and fur products (323)	1.00	1.21	1.06
Footwear (324)	1.09	1.48	1.29
Wood and cork products (331)	0.71	1.07	0.75
Furniture and fixtures excluding metal (332)	1.20	2.01	1.19
Paper (341)	1.73	1.58	1.57
Printing and publishing (342)	1.22	1.26	1.02
Industrial chemicals (351)	1.36	1.21	1.37
Other chemicals (352)	2.07	0.95	1.87*
Petroleum refineries (353)	0.14*	0.05**	0.12*
Miscellaneous products of petroleum and coal (354)	0.90	0.59	0.82
Rubber products (355)	1.54	0.76	1.39
Plastic products (356)	2.03	1.40	1.95*
Pottery, china and earthenware (361)	0.99	1.34	0.94
Glass (362)	1.48	1.13	1.42
Other non-metallic mineral products (369)	1.01	1.12	1.02
Iron and steel (371)	1.70	1.29	1.57
Non-ferrous metals (372)	2.02	2.20	2.30
Metal products, excluding machinery (381)	1.22	1.25	1.25
Non-electrical machinery (382)	0.94	1.11	0.88
Electrical machinery (383)	1.34	1.00	1.41
Transport equipment (384)	1.01	0.45	0.96
Professional and scientific equipment, photographic and optical goods (385)	1.57	2.42	1.46
Other manufactures (390)	0.87	1.33	0.84
Total manufacturing (300)	0.99	1.31	1.11

^{g/} Large countries.

MEXICO

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972		1970-1972		1970-1972		1970-1972	
	1970	1972	1970	1972	1970	1972	1970	1972
Food products(311)	7.0	6.6	109.3	104.4	0.0	0.0	0.254	0.253
Beef and veal, fresh(101:kg) g/	2026.0	2523.0	85.0	91.6	13.2	0.4	0.525	0.794
Milk and cream, condensed(201:g) g/	1165.0	1319.0	20.0	27.5	79.0	72.5	0.275	0.288
Milk and cream, dried(204:g) g/	305.0	213.0	80.3	12.9	18.7	97.1	0.078	0.066
Butter(207:g) g/	1523.0	1512.0	99.1	97.7	0.2	2.3	0.238	0.192
Cheese(210:g) g/	1692.0	1096.0	107.7	111.6	2.0	2.3	0.165	0.041
Vegetables, tinned or bottled(322:g) g/	443.0	390.0	110.1	104.9	0.2	0.2	0.265	0.226
Fish, tinned(407:g) g/	3166.0	3292.0	98.7	99.0	1.3	0.2	0.545	0.600
Margarine, imitation lard, etc.(501:g) g/	26.9	34.6	100.0	99.9	0.0	0.1	0.455	0.604
Flour, wheat(601:kg) g/ g/	4.0	6.0	100.0	100.1	1.5	0.5	0.556	1.093
Flour, cereal, other than wheat(607:kg) g/	37.0	44.2	129.4	100.0	0.0	0.0	0.930	1.020
Raw sugar(801:kg) g/	32.6	37.6	99.7	99.4	0.4	0.6	0.231	0.183
Prepared animal feeds(312201:kg) g/								
Vegetable oils(321)								
Oil, soy bean(510 and 513:kg) g/ g/	1.6	3.2	100.0	100.0	0.0	0.0	0.119	0.162
Oil, cotton seed(516 and 519:kg) g/	3.2	1.9	98.0	100.0	1.4	0.0	1.185	1.267
Oil, groundnut(522 and 525:kg) g/ g/	-	-	95.0	-	-	-	0.000	-
Oil, other, of vegetable origin(534 & 537:kg) g/ g/	6.0	7.8	99.0	97.3	0.4	2.7	0.792	0.963
Textiles(321)								
Wool yarn, pure and mixed(103:g)	784.0	-	100.0	-	-	-	0.297	-
Cotton yarn, pure and mixed(109:g) g/	2571.0	-	104.7	-	-	-	0.594	-
Cotton woven fabrics(128:g) g/ g/	2142.0	893.0	104.6	119.5	0.0	0.1	0.662	0.291
Woolen woven fabrics(134:g) g/ g/	72.0	56.0	99.5	100.3	1.0	0.1	0.050	0.046
Pulp and paper(34)								
Wood pulp, mechanical(101:kg) g/	1.6	1.2	74.2	80.4	25.8	19.7	0.075	0.040
Pulp of fibres other than wood(104:kg) g/	4.9	3.0	62.2	104.4	40.8	0.0	2.333	1.667
Wood pulp, sulphate and soda(110:kg) g/ g/	5.4	6.5	89.1	83.7	10.9	16.3	0.068	0.073
Newsprint(119:kg) g/ g/	1.0	0.9	99.0	100.0	0.2	0.0	0.039	0.034
Other printing and writing paper(122:kg) g/ g/	3.7	4.4	98.0	98.7	2.0	1.5	0.116	0.106

Product (ISIC; unit of measurement)

<u>Industrial chemicals (351)</u>	
|	Methanol (methyl alcohol) (121;g) <u>a/</u>
|	Chlorine (146;kg) <u>a/</u>
|	Sulphuric acid (147;kg) <u>a/</u>
|	Nitric acid (149;kg) <u>a/</u>
|	Ammonia (158;kg) <u>a/</u>
|	Caustic soda (159;kg) <u>a/</u>
|	Dyestuffs, synthetic (174;g) <u>a/</u>
|	Nitrogenous fertilizers (201;kg) <u>a/</u>
|	Phosphatic fertilizers (204 and 207;kg) <u>a/</u>
|	Potassic fertilizers (210;kg) <u>a/</u>
|	Insecticides, fungic., disinfect., etc. (216;g) <u>i/ h/</u>
|	Rubber, synthetic (301;g) <u>a/</u>
<u>Petroleum refineries (353)</u>	
|	Distillate fuel oils (019;kg) <u>a/</u>
|	Residual fuel oils (022;kg) <u>a/</u>
<u>Iron & steel (371)</u>	
|	Other ferro-alloys (013;kg) <u>a/</u>
|	Wire rods (028;kg) <u>h/ g/ c/</u>
|	Plates (heavy), over 4.75 mm (040;kg) <u>a/</u>
|	Plates (medium), 3 to 4.75 mm (043;kg) <u>a/</u>
|	Tubes, seamless (076;kg) <u>a/</u>
|	Tubes, welded (079;kg) <u>a/</u>
<u>Non-ferrous metals (372)</u>	
|	Copper, refined, unwrought (004;g) <u>a/</u>
|	Aluminium, unwrought (022;g) <u>a/</u>
|	Lead, refined, unwrought (037;g) <u>a/</u>
|	Zinc, unwrought (043;g) <u>a/</u>
|	Tin, unwrought (049;g) <u>a/</u>

a/ For second period: 1976 and 1977.

b/ Trade data for 1977 refer only to trade with OECD countries.

c/ For second period: 1977 only.

d/ For first period: 1972 only.

e/ For second period: 1976 only.

CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
383.0	1103.0	99.5	47.6	0.5	52.4	0.045	0.069
1.7	2.7	100.6	94.6	0.2	5.5	0.055	0.084
26.8	36.7	100.1	100.1	0.1	0.2	0.288	0.373
3.2	2.9	99.7	99.5	0.3	0.5	0.118	0.095
11.6	15.3	52.9	95.1	17.6	7.1	0.403	0.270
3.5	5.0	94.3	79.3	6.6	20.7	0.122	0.163
65.0	78.0	60.5	80.0	40.5	31.5	0.158	0.142
8.0	16.2	81.3	54.5	37.2	45.5	0.354	0.593
1.3	5.7	288.2	115.4	0.0	3.0	0.096	0.419
0.5	1.1	0.0	0.0	100.0	100.0	0.027	0.054
862.0	...	94.7	...	6.7	...	6.407	...
1018.0	1312.0	89.4	82.9	18.7	18.8	0.148	0.171
90.6	147.1	93.0	95.2	7.1	4.8	0.153	0.237
115.7	198.7	121.9	96.6	4.2	3.8	0.202	0.375
1.3	1.6	161.1	111.8	3.4	3.2	0.146	0.150
11.6	14.1	98.5	100.0	1.5	0.0	0.353	0.458
32.3	30.2	99.7	97.0	0.3	3.0	0.737	0.728
10.0	8.6	99.6	94.4	0.4	8.6	0.781	0.739
2.8	4.0	143.1	89.5	8.4	16.1	0.216	0.357
3.3	3.2	95.3	143.8	4.7	0.0	0.136	0.130
1009.0	1267.0	105.6	102.6	0.1	0.0	0.119	0.150
707.0	888.0	102.8	76.9	1.2	23.1	0.047	0.047
1189.0	978.0	228.7	218.0	0.2	1.1	0.260	0.200
780.0	952.0	199.3	295.0	0.0	0.0	0.141	0.186
10.0	5.0	45.1	73.6	54.9	26.4	0.042	0.021

f/ Estimates.

g/ For first period: 1970 only.

h/ For first period: 1970 and 1971.

i/ For first period: 1970 and 1972.

j/ Production statistics do not provide for complete coverage.

k/ Trade data for 1970 refer only to trade with OECD countries.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1971 AND 1976-1977
(PERCENTAGE)

EXPORT (SITC)	-----External effects-----		-----Internal effects-----		Compound rate of growth 1970-1977
	Demand in world market	Change in market composition	Change in product composition	Competitive- ness	
Total manufactures (5 to 8)	126.3	-25.5	-5.3	4.5	17.0
Chemicals (5)	139.7	-8.9	-15.9	-11.9	15.7
Manufactured goods classified chiefly by material (6)	78.3	-19.2	-0.4	41.3	20.9
Machinery and transport equipment (7)	...	...	...	...	...
Miscellaneous manufactured articles (8)	115.8	-31.2	-4.9	20.4	17.8
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61) a/	90.7	-14.7	-5.5	29.5	21.6
Rubber manufactures, n.e.s. (62)	81.9	-3.9	1.2	27.7	29.1
Wood and cork manufactures, excluding furniture (63)	62.7	-32.5	4.9	64.9	24.3
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	52.0	-32.4	0.9	79.5	22.9
Non-metallic mineral manufactures, n.e.s. (66)	61.7	-14.4	-4.2	61.2	33.1
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	51.6	-2.9	21.5	29.9	16.9
Manufactures of metal, n.e.s. (69)	74.0	-21.0	-5.1	52.1	26.6
Machinery, other than electric (71)	180.0	-33.7	13.4	-59.7	12.5
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	90.2	-24.7	-0.7	35.2	19.4

a/ Trade effects and rate of growth were estimated using data for the years 1971 and 1977.

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INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	19.1	22.2	0.74	1.30
Beverages (313)	6.4	7.4	1.33	1.31
Tobacco (314)	2.5	3.2	0.82	0.97
Textiles (321)	13.5	11.4	1.02	0.99
Wearing apparel (322)	1.9	1.6	0.36	0.20
Leather and fur products (323)	0.6	0.3	0.82	0.45
Footwear (324)	1.2	1.1	0.73	0.86
Wood and cork products (331)	3.3	2.3	1.33	0.99
Furniture and fixtures excluding metal (332)	0.7	0.5	0.46	0.43
Paper (341)	4.3	3.9	1.98	1.71
Printing and publishing (342)	2.9	2.6	1.00	0.90
Industrial chemicals (351)	1.7	2.1	0.83	0.81
Other chemicals (352)	5.9	7.2	1.86	1.77
Petroleum refineries (353)	5.9	7.1	1.86	1.91
Miscellaneous products of petroleum and coal (354)	0.0	0.0 ^{b/}	0.02	0.01 ^{b/}
Rubber products (355)	3.1	2.6	2.38	2.42
Plastic products (356)	0.8	1.0	0.35	0.30
Pottery, china and earthenware (361)	-	0.1	-	0.43
Glass (362)	0.1	0.1	0.25	0.27
Other non-metallic mineral products (369)	5.6	6.2	1.82	1.97
Iron and steel (371)	0.6	0.5	0.38	0.29
Non-ferrous metals (372)	0.3	0.2	0.09	0.10
Metal products, excluding machinery (381)	8.3	6.7	1.81	1.35
Non-electrical machinery (382)	2.6	3.0 ^{b/}	1.59	1.22 ^{b/}
Electrical machinery (383)	3.9	3.6	1.07	0.52
Transport equipment (384)	4.1	2.7	1.22	0.78
Professional and scientific equipment, photographic and optical goods (385)	0.3	0.1 ^{b/}	0.49	0.07 ^{b/}

^{a/} Relative to all small countries with modest resources.

^{b/} Estimated.

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.25	1.23	1.20
Beverages (313)	1.58	1.61	1.22
Tobacco (314)	1.00	0.88	1.01
Textiles (321)	1.34	1.36	0.73
Wearing apparel (322)	0.75	0.81	0.86
Leather and fur products (323)	0.92	1.01	1.00
Footwear (324)	1.06	1.21	0.96
Wood and cork products (331)	1.24	1.41	1.46
Furniture and fixtures excluding metal (332)	0.56	0.67	0.71
Paper (341)	2.51*	2.39	2.90
Printing and publishing (342)	1.46	1.41	1.17
Industrial chemicals (351)	1.09	1.08	1.21
Other chemicals (352)	1.96	1.57	1.21
Petroleum refineries (353)	2.47	1.99	2.75
Miscellaneous products of petroleum and coal (354)	0.05**	0.04**	0.45
Rubber products (355)	3.08*	2.68*	1.54
Plastic products (356)	1.09	1.01	0.75
Pottery, china and earthenware (361)	0.37*	0.41	b/
Glass (362)	0.24*	0.25*	0.30*
Other non-metallic mineral products (369)	1.79*	1.88*	1.75
Iron and steel (371)	0.25*	0.25*	0.28
Non-ferrous metals (372)	0.31	0.34	0.26
Metal products, excluding machinery (381)	2.33*	2.39*	1.75
Non-electrical machinery (382)	1.94	2.01	2.32
Electrical machinery (383)	2.09	1.99	1.31
Transport equipment (384)	1.96	1.84	1.97
Professional and scientific equipment, photographic and optical goods (385)	0.91	0.92	0.67
Other manufactures (390)	0.22*	0.25*	0.28*
Total manufacturing (300)	1.02	1.16	0.84

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Butter(207;g)
- | Cheese(210;g)
- | Fish, tinned(407;g) a/
- | Flour, wheat(601;kg) b/
- | Raw sugar(801;kg)
- | Refined sugar(804;kg) c/

Vegetable oils(311)

- | Oil,olive(528 and 531;kg) d/

Textiles(321)

- | Wool yarn, pure and mixed(103;g) d/ e/
- | Cotton yarn, pure and mixed(109;g) f/ g/
- | Cotton woven fabrics(128;g) g/
- | Woollen woven fabrics(134;g) g/

Pulp and paper(341)

- | Pulp of fibres other than wood(104;kg)
- | Wood pulp, sulphate and soda(110;kg)
- | Other printing and writing paper(122;kg) h/

Industrial chemicals(351)

- | Methanol(methyl alcohol)(121;g)
- | Sulphuric acid(147;kg) e/
- | Nitric acid(149;kg)
- | Ammonia(158;kg)
- | Caustic soda(159;kg)
- | Calcium carbide(173;kg)
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg)
- | Phosphatic fertilizers(204 and 207;kg) i/
- | Potassic fertilizers(210;kg) g/
- | Rubber, synthetic(301;g)

Petroleum refineries(353)

- | Distillate fuel oils(019;kg)
- | Residual fuel oils(022;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
5.9	4.3	100.1	97.7	0.0	2.3	0.192	0.126
1289.0	1255.0	38.6	35.0	61.4	65.0	0.321	0.326
447.0	350.0	58.9	65.4	41.1	34.6	0.070	0.044
1883.0	1995.0	263.3	233.3	0.0	0.0	1.128	1.153
42.9	...	99.9	...	0.3	...	0.647	...
29.3	30.0	45.7	57.6	54.3	42.4	0.736	0.698
27.9	26.2	103.9	95.1	0.0	4.9	0.692	0.641
	1.7	174.3	132.1	0.0	0.0	0.101	0.122
3.0	...	95.5	...	4.5	...	0.128	...
975.0	...	98.5	...	1.5	...	0.222	...
803.0	...	99.7	...	0.6	...	0.248	...
72.0	...	99.4	...	1.7	...	0.658	...
...	0.5	...	57.3	...	42.7	...	0.278
2.5	1.0	112.0	295.4	15.4	30.5	0.032	0.011
0.7	0.6	88.3	84.8	11.7	15.2	0.022	0.015
5.0	4.0	0.0	0.0	100.0	100.0	0.001	0.000
2.3	24.1	95.3	83.3	4.8	16.7	0.025	0.245
-	-	0.0	0.0	100.0	100.0	0.000	0.000
1.0	1.5	0.0	0.0	100.0	100.0	0.035	0.027
0.6	0.5	0.0	0.0	100.0	100.0	0.021	0.016
0.7	0.2	0.0	0.0	100.0	100.0	0.106	0.097
99.0	87.0	0.0	0.0	100.0	100.0	0.184	0.158
7.3	11.4	13.1	9.5	88.3	90.5	0.332	0.418
2.3	2.0	348.5	280.6	1.8	14.1	0.169	0.147
1.1	1.9	0.0	0.0	100.0	100.0	0.059	0.093
277.0	358.0	0.0	0.0	100.0	100.0	0.040	0.047
33.4	53.4	88.1	70.3	12.9	30.9	0.060	0.085
42.0	68.4	82.8	94.9	17.3	5.6	0.073	0.129

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (371)								
Wire rods (028; kg)	2.1	3.1	0.0	0.0	100.0	100.0	0.064	0.101
Angles, shapes, sections, 80 mm or more (036; kg)	0.7	0.3	0.0	0.0	100.0	100.0	0.025	0.012
Angles, shapes, sections, under 80 mm (037; kg)	1.5	2.8	0.0	0.0	100.0	100.0	0.022	0.043
Plates (heavy), over 4.75 mm (040; kg)	0.6	1.1	0.0	0.0	100.0	100.0	0.014	0.027
Plates (medium), 3 to 4.75 mm (043; kg)	0.3	0.5	0.0	0.0	100.0	100.0	0.023	0.042
Tubes, seamless (076; kg) ^{e/}	0.2	...	0.0	...	100.0	...	0.017	...
Tubes, welded (079; kg)	0.8	1.0	0.0	0.0	100.0	100.0	0.033	0.041
Steel castings in the rough state (085; kg) ^{h/}	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Non-ferrous metals (372)								
Lead, refined, unwrought (037; g) ^{e/}	82.0	...	1635.3	...	9.3	...	0.018	...
Zinc, unwrought (043; g)	80.0	130.0	0.0	0.0	100.0	100.0	0.014	0.026
Tin, unwrought (049; g)	20.0	9.0	3.8	0.0	96.2	100.0	0.085	0.037

- ^{a/} For second period: 1976 and 1977.
^{b/} All data include cereal flour other than wheat (ISIC 311607).
^{c/} For second period: 1976 only.
^{d/} Estimates.
^{e/} For first period: 1970 and 1971.
^{f/} Trade data for 1970 refer only to trade with OECD countries.
^{g/} For first period: 1970 only.
^{h/} For first period: 1972 only.
^{i/} For second period: 1977 only.

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INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	66.0	8.6	-3.6	29.0	28.4
Chemicals (5)	66.6	3.1	-5.8	36.0	33.4
Manufactured goods classified chiefly by material (6)	76.3	14.4	-1.9	11.3	23.1
Machinery and transport equipment (7)	...	...	...	...	...
Miscellaneous manufactured articles (8)	40.5	2.6	0.9	56.0	32.8
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	54.3	4.9	-5.1	45.9	39.4
Wood and cork manufactures, excluding furniture (63)	112.3	23.1	-17.0	-18.4	22.3
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	38.9	4.2	6.2	50.7	30.6
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	35.5	1.8	5.8	57.0	19.1
Manufactures of metal, n.e.s. (69)	...	...	...	...	...
Machinery, other than electric (71)	...	...	...	...	...
Electrical machinery, apparatus and appliances (72)	16.7	14.5	0.2	68.5	74.0
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	31.8	0.8	0.1	67.3	38.0

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output <u>a/</u>		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
	Food products (311/2)	14.9	15.6	1.17	1.1 ^a	0.173	0.172
Beverages (313)	1.7	2.2	0.69	0.85	0.521	0.441
Tobacco (314)	1.1	1.2	0.96	1.17	0.364	0.361
Textiles (321)	4.4	2.9	0.88	0.65	0.300	0.276
Wearing apparel (322)	2.1	1.0	0.77	0.41	0.325	0.272
Leather and fur products (323)	0.3	0.2	0.69	0.40	0.397 ^{b/}	0.392 ^{b/}
Footwear (324)	0.6	0.3	0.69	0.49	...	...
Wood and cork products (331)	2.7	2.0 ^{c/}	0.67	0.52 ^{c/}	0.477 ^{d/}	0.434 ^{d/}
Furniture and fixtures excluding metal (332)	1.7	1.3 ^{c/}	0.73	0.55 ^{c/}	...	...
Paper (341)	2.8	2.7	0.63	0.64	0.339	0.315
Printing and publishing (342)	6.7	7.1	1.21	1.37	0.415	0.432
Industrial chemicals (351)	7.8	10.6	1.71	1.93	0.439 ^{e/}	0.347 ^{e/}
Other chemicals (352)	4.0	4.0	1.13	0.97	...	...
Petroleum refineries (353)	1.6	1.5	1.18	1.04	0.290 ^{f/}	0.433 ^{f/}
Miscellaneous products of petroleum and coal (354)	1.5	1.3	2.36	2.46	...	...
Rubber products (355)	0.9	1.0	0.74	0.80	...	...
Plastic products (356)	1.3	1.7	0.93	0.94	...	...
Pottery, china and earthenware (361)	0.2	0.2	0.46	0.49	0.548 ^{g/}	0.514 ^{g/}
Glass (362)	0.2	0.2	0.25	0.23	...	...
Other non-metallic mineral products (360)	4.1	3.6	1.12	1.05	...	...
Iron and steel (371)	3.9	3.8	0.86	0.91	0.209 ^{h/}	0.199 ^{h/}
Non-ferrous metals (372)	0.6	0.4	0.35	0.22	...	...
Metal products, excluding machinery (381)	7.8	8.2	1.04	1.09	0.471	0.459
Non-electrical machinery (382)	8.2	8.0	0.99	1.00	0.484	0.501
Electrical machinery (383)	10.2	11.1	1.49	1.46	0.478	0.470
Transport equipment (384)	6.9	5.4	0.95	0.76	0.376	0.372
Professional and scientific equipment, photographic and optical goods (385)	0.5	1.0 ^{c/}	0.41	0.81 ^{c/}	0.437 ^{i/}	0.449 ^{i/}

^{a/} Relative to all small countries with ample resources and industrial orientation.

^{b/} Including ISIC 324.

^{c/} Estimated.

^{d/} Including ISIC 332.

^{e/} Including ISIC 352, 355 and 356.

^{f/} Including ISIC 354.

^{g/} Including ISIC 362 and 369.

^{h/} Including ISIC 372.

^{i/} Including ISIC 390.

NETHERLANDS

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	1.67	1.62*	1.27
Beverages (313)	0.90	0.92	1.19
Tobacco (314)	1.59	1.70	2.12*
Textiles (321)	0.92	1.02	0.65
Wearing apparel (322)	0.54	0.68	0.76
Leather and fur products (323)	0.54	0.66	0.63*
Footwear (324)	0.52	0.65	0.63
Wood and cork products (331)	1.19	1.11	0.67
Furniture and fixtures excluding metal (332)	0.84	0.87	0.85
Paper (341)	0.89	0.79	0.68
Printing and publishing (342)	1.90	1.60*	1.43*
Industrial chemicals (351)	1.91	2.30*	1.71*
Other chemicals (352)	1.15	1.29	0.93
Petroleum refineries (353)	0.79	1.47	1.41
Miscellaneous products of petroleum and coal (354)	5.20*	5.35*	5.18*
Rubber products (355)	0.69	0.77	1.38
Plastic products (356)	0.93	1.00	1.06
Pottery, china and earthenware (361)	0.59	0.59	0.47*
Glass (362)	0.25*	0.27**	0.29*
Other non-metallic mineral products (369)	1.15	1.25	1.06
Iron and steel (371)	0.86	0.88	1.41
Non-ferrous metals (372)	0.36	0.37*	0.30*
Metal products, excluding machinery (381)	1.22	1.27	1.10
Non-electrical machinery (382)	1.01	0.91	1.04
Electrical machinery (383)	1.49	1.71*	1.39
Transport equipment (384)	0.74	0.92	0.57
Professional and scientific equipment, photographic and optical goods (385)	0.81	0.77	1.48
Other manufactures (390)	1.17	1.05	1.45
Total manufacturing (300)	1.09	1.00	1.07

^{a/} Small countries with ample resources and industrial orientation.

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g)
- | Butter(207;g) a/
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g) b/
- | Fish, tinned(407;g) b/
- | Flour, wheat(601;kg) a/ b/
- | Raw sugar(801;kg)
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg) b/

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg) a/ d/
- | Oils,other,of vegetable origin(534 & 537;kg) d/

Textiles(321)

- | Wool yarn, pure and mixed(103;g) a/
- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g)
- | Woollen woven fabrics(134;g) a/
- | Knitted fabrics(301;g)

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Sulphuric acid(147;kg)
- | Ammonia(158;kg)
- | Calcium carbide(173;kg)
- | Nitrogenous fertilizers(201;kg) b/
- | Phosphatic fertilizers(204 and 207;kg) b/
- | Potassic fertilizers(210;kg) b/
- | Rubber, synthetic(301;g)

Petroleum refineries(353)

- | Distillate fuel oils(015;kg)
- | Residual fuel oils(022;kg)

IMPORTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
20.8	21.5	121.3	129.0	20.0	22.0	0.678	0.632
10502.0	12900.0	349.2	282.3	5.8	43.4	2.726	4.054
14363.0	24294.0	88.1	87.1	72.3	100.9	3.671	6.259
1930.0	3981.0	536.3	358.8	37.3	66.7	0.480	1.039
10416.0	12101.0	224.8	237.0	7.4	12.6	1.630	1.635
14346.0	11346.0	122.2	183.3	32.8	67.3	1.402	0.421
703.0	842.0	94.6	85.0	88.1	122.1	0.421	0.485
58.9	54.2	112.2	130.8	1.6	4.4	0.888	0.855
58.6	84.0	99.7	99.7	0.4	0.3	1.472	1.953
55.7	52.6	96.8	120.3	18.3	8.8	1.362	1.286
645.1	798.2	100.3	99.6	1.8	4.0	4.591	3.894
22.1	25.9	126.7	135.3	9.4	10.6	1.637	1.308
67.2	84.5	90.9	86.3	25.6	33.0	6.653	10.432
1436.0	1353.0	83.3	66.8	29.3	54.2	0.543	0.707
4022.0	2817.0	91.2	74.5	30.7	46.7	0.914	0.652
3894.0	3225.0	77.9	67.6	31.7	44.6	1.203	1.051
883.0	467.0	84.0	76.8	73.4	121.6	0.713	0.391
1196.0	649.0	97.2	100.9	101.5	161.0	0.772	0.276
16.1	14.3	71.4	72.9	29.8	27.4	0.752	0.480
17.1	2.7	102.5	78.1	1.1	22.5	8.143	1.600
26.7	27.8	43.8	32.3	66.4	73.3	1.031	1.065
41.7	44.2	90.9	84.4	38.5	49.1	1.307	1.083
114.5	116.5	101.6	96.2	6.2	13.2	1.231	1.183
91.2	105.3	136.7	142.5	1.1	2.4	3.167	1.860
1.6	...	129.8	...	2.3	...	0.242	...
29.7	28.6	245.7	304.9	4.1	19.5	1.380	1.048
15.9	5.4	136.2	276.2	26.9	39.8	1.169	0.397
33.1	15.2	0.2	1.6	99.9	98.5	1.770	0.741
3725.0	5943.0	396.6	287.6	126.0	99.9	0.543	0.776
548.8	474	247.1	277.2	36.2	38.1	0.987	0.764
472.3	419.2	405.3	377.2	27.8	28.2	0.824	0.792

NETHERLANDS

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production + Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (321)								
Wire rods (028; kg)	20.5	23.1	125.1	99.6	48.7	65.8	0.623	0.750
Angles, shapes, sections, under 80 mm (037; kg)	42.1	28.2	87.5	70.1	36.6	34.1	0.627	0.433
Plates (heavy), over 4.75 mm (040; kg)	47.8	33.7	71.4	60.7	63.6	81.0	1.091	0.812
Plates (medium), 3 to 4.75 mm (043; kg)	4.7	4.1	33.7	82.8	94.3	104.9	0.367	0.345
Tubes, welded (079; kg)	21.3	...	71.6	...	84.1	...	0.880	...
Steel castings in the rough state (085; kg)	1.7	0.7	95.3	70.8	12.5	37.3	0.293	0.137
Non-ferrous metals (322)								
Lead, refined, unwrought (037; g)	4811.0	4190.0	33.3	35.2	96.8	99.1	1.051	0.859
Tin, unwrought (049; g)	345.0	444.0	50.6	34.9	123.4	89.3	1.462	1.842

- a/ Estimates.
b/ For second period: 1976 and 1977.
c/ All data include cereal flour other than wheat (ISIC 311607).
d/ For second period: 1976 only.
e/ Production statistics do not provide for complete coverage.

NETHERLANDS

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	100.0	-2.4	2.6	-0.2	19.5
Chemicals (5)	86.7	0.2	0.9	12.2	22.7
Manufactured goods classified chiefly by material (6)	103.1	-6.9	0.9	2.9	17.9
Machinery and transport equipment (7)	106.9	-3.5	3.4	-6.7	18.7
Miscellaneous manufactured articles (8)	114.2	4.3	0.5	-19.0	19.0
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed f. skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	142.7	-3.6	-0.5	-38.6	16.3
Wood and cork manufactures, excluding furniture (63)	84.2	2.4	10.9	2.5	21.8
Paper, paperboard and manufactures thereof (64)	94.2	7.5	5.4	-7.1	17.4
Textile yarn, fabrics, made-up articles and related products (65)	135.5	0.7	4.2	-40.4	13.0
Non-metallic mineral manufactures, n.e.s. (66)	61.3	-5.3	-10.4	54.4	30.1
Iron and steel (67)	130.4	-22.0	-0.3	-8.1	17.1
Non-ferrous metals (68)	46.5	-2.4	12.6	43.4	21.2
Manufactures of metal, n.e.s. (69)	97.5	-15.9	8.7	9.7	20.9
Machinery, other than electric (71)	98.4	-5.7	2.0	5.3	19.2
Electrical machinery, apparatus and appliances (72)	120.6	-6.9	-4.2	-9.4	18.7
Transport equipment (73)	119.7	6.2	0.9	-28.8	17.9
Clothing and footwear (84, 85)	155.8	7.2	2.4	-65.5	14.6

NEW ZEALAND

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
	Food products (311/2)	24.8	22.8	1.94	1.72	0.212	0.269
Beverages (313)	2.6	2.6	1.07	1.02	0.447	0.331
Tobacco (314)	0.7	0.7	0.62	0.67	0.285	0.292
Textiles (321)	4.9	5.5	0.99	1.22	0.301	0.297
Wearing apparel (322)	4.0	4.0	1.44	1.63	0.395	0.396
Leather and fur products (323)	0.7	0.8	1.40	1.94	0.387	0.261
Footwear (324)	1.3	1.1	1.53	2.03	0.444	0.402
Wood and cork products (331)	3.5	3.6	0.87	0.92	0.365	0.335
Furniture and fixtures excluding metal (332)	3.9	4.3	1.66	1.86	0.398	0.371
Paper (341)	5.6	6.0	1.27	1.44	0.381	0.236
Printing and publishing (342)	6.2	6.2	1.11	1.20	0.558	0.486
Industrial chemicals (351)	2.1	2.4	0.46	0.44	0.313 b/	0.265
Other chemicals (352)	2.3	2.6	0.66	0.62	...	0.274
Petroleum refineries (353)	0.6	0.4	0.41	0.27	0.151	0.168
Miscellaneous products of petroleum and coal (354)	0.3	0.2 c/	0.46	0.33 c/	0.325	0.278
Rubber products (355)	2.1	1.9	1.76	1.60	0.412	0.392
Plastic products (356)	2.8	2.8 c/	1.99	1.53 c/	0.400	0.375
Pottery, china and earthenware (361)	0.2	0.2	0.35	0.45	0.767	0.547
Glass (362)	0.9	1.1	1.10	1.24	0.567	0.483
Other non-metallic mineral products (369)	3.3	3.4	0.90	0.98	0.429	0.340
Iron and steel (371)	0.3	0.4 c/	0.06	0.09 c/	0.248 d/	0.355
Non-ferrous metals (372)	1.8	2.7 c/	0.98	1.35 c/	...	0.312
Metal products, excluding machinery (381)	8.1	8.2	1.07	1.10	0.407	0.345
Non-electrical machinery (382)	4.0	2.7	0.48	0.34	0.414	0.354
Electrical machinery (383)	5.2	6.0	0.76	0.79	0.341	0.336
Transport equipment (384)	6.2	6.2	0.86	0.86	0.262	0.304
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.3 c/	0.11	0.22 c/	0.400	0.413

a/ Relative to all small countries with ample resources and industrial orientation.

b/ Including ISIC 352.

c/ Estimated.

d/ Including ISIC 372.

NEW ZEALAND

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	1.85	2.15*	1.87*
Beverages (313)	0.75	0.84	0.69
Tobacco (314)	0.63	0.57	0.45*
Textiles (321)	1.66	1.31	1.91
Wearing apparel (322)	1.02	1.25	1.38
Leather and fur products (323)	1.34	1.61*	1.82*
Footwear (324)	1.17	1.64	1.60
Wood and cork products (331)	1.38	1.48	1.63
Furniture and fixtures excluding metal (332)	1.70	1.81*	1.86*
Paper (341)	2.13	1.55	1.91*
Printing and publishing (342)	1.66	1.08	1.28
Industrial chemicals (351)	0.68	0.84	0.81
Other chemicals (352)	0.87	0.69	1.03
Petroleum refineries (353)	0.30	0.89	1.00
Miscellaneous products of petroleum and coal (354)	0.75	0.84	0.36
Rubber products (355)	1.79	1.21	1.22
Plastic products (356)	1.75	1.44	1.65*
Pottery, china and earthenware (361)	0.54	0.50*	0.58
Glass (362)	1.84	1.33	1.38
Other non-metallic mineral products (369)	0.95	0.97	0.96
Iron and steel (371)	0.14*	0.11**	0.11**
Non-ferrous metals (372)	2.92	1.58	2.14
Metal products, excluding machinery (381)	1.45	1.14	1.36
Non-electrical machinery (382)	1.63	1.46	1.16
Electrical machinery (383)	1.41	1.13	1.42
Transport equipment (384)	1.32	1.09	1.21
Professional and scientific equipment, photographic and optical goods (385)	0.30*	0.43*	0.29*
Other manufactures (390)	1.22	0.85	0.91
Total manufacturing (300)	1.20	0.82	0.88

^{a/} Small countries with ample resources and industrial orientation.

NEW ZEALAND

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

<u>Food products(311)</u>	
|	Beef and veal, fresh(101;kg)
|	Milk and cream, condensed(201;g)
|	Butter(207;g)
|	Cheese(210;g)
|	Vegetables, tinned or bottled(322;g)
|	Fish, tinned(407;g)
|	Bread, ships' biscuits, etc.(704;kg)
|	Refined sugar(204;kg)
|	Prepared animal feeds(312201;kg)
<u>Textiles(321)</u>	
|	Wool yarn, pured and mixed(173;g)
|	Woolen woven fabrics(124;g) <u>a/</u> <u>b/</u>
|	Knitted fabrics(301;g)
<u>Pulp and paper(341)</u>	
|	Wood pulp, mechanical(101;kg)
|	Wood pulp, sulphate and soda(110;kg)
|	Newsprint(119;kg)
|	Other printing and writing paper(122;kg)
<u>Industrial chemicals(351)</u>	
|	Nitrogenous fertilizers(201;kg) <u>b/</u>
|	Phosphatic fertilizers(204 and 207;kg) <u>b/</u>
|	Potassic fertilizers(210;kg) <u>b/</u>
<u>Petroleum refineries(352)</u>	
|	Distillate fuel oils(019;kg)
|	Residual fuel oils(022;kg) <u>c/</u>
<u>Non-ferrous metals(372)</u>	
|	Aluminium, unwrought(022;g) <u>d/</u>

- a/ Estimates.
b/ For second period: 1976 and 1977.
c/ For first period: 1972 only.
d/ For first period: 1971 and 1972.

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
75.0	105.0	184.9	174.0	0.1	0.0	2.443	3.083
41902.0	20930.0	100.9	102.3	0.0	0.0	10.878	6.573
29933.0	18004.0	398.3	448.1	0.0	0.0	7.452	4.621
4453.0	5282.0	813.6	526.4	1.1	1.5	0.697	0.673
5429.0	6144.0	116.7	109.1	1.4	3.9	0.530	0.223
1236.0	...	13.7	...	87.8	...	0.740	...
59.3	...	100.0	...	0.0	...	2.164	...
50.1	47.1	100.3	100.1	0.0	0.0	1.243	1.152
112.4	...	103.8	...	0.0	...	0.800	...
5334.0	6125.0	99.3	99.8	0.7	0.2	2.018	3.202
681.0	394.0	64.8	79.8	35.2	24.0	0.550	0.330
2158.0	1531.0	75.4	103.4	26.6	0.0	1.392	0.650
88.2	99.1	103.0	153.5	0.1	0.0	4.121	3.326
78.6	114.6	139.3	150.3	4.1	0.5	0.995	1.283
32.1	88.4	233.2	98.6	0.5	1.9	1.239	3.387
10.4	13.7	85.6	64.4	14.8	36.7	0.326	0.335
3.2	4.8	0.0	0.0	100.0	100.0	0.145	0.176
...	123.0	...	97.8	...	2.4	...	9.044
38.8	40.7	0.0	0.0	100.0	100.0	2.075	1.985
289.2	281.9	79.5	71.6	26.9	43.8	0.520	0.454
310.5	267.3	120.7	121.1	1.2	2.9	0.542	0.505
9718.0	5899.0	195.4	777.6	33.3	1.1	0.648	0.314

NEW ZEALAND

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	67.8	-3.9	-1.3	37.3	25.3
Chemicals (5) a/	131.0	-17.1	-0.6	-13.4	17.7
Manufactured goods classified chiefly by material (6)	46.6	-0.0	1.5	51.9	29.7
Machinery and transport equipment (7)	78.4	-6.1	2.1	25.6	27.6
Miscellaneous manufactured articles (8)	48.9	-5.3	0.8	55.6	29.4
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	14.7	11.1	0.7	73.5	56.4
Rubber manufactures, n.e.s. (62) a/	141.4	-24.1	0.4	-17.7	18.8
Wood and cork manufactures, excluding furniture (63)	135.9	0.4	7.6	-43.9	21.7
Paper, paperboard and manufactures thereof (64)	70.3	-13.5	-1.9	45.2	18.9
Textile yarn, fabrics, made-up articles and related products (65)	57.2	-18.5	11.7	49.6	22.8
Non-metallic mineral manufactures, n.e.s. (66)	116.6	-12.2	-15.6	11.2	21.3
Iron and steel (67)	48.8	-1.3	-6.9	59.4	41.6
Non-ferrous metals (68)	15.2	21.3	5.6	57.9	56.2
Manufactures of metal, n.e.s. (69)	75.2	-25.2	4.5	45.6	28.4
Machinery, other than electric (71)	71.7	-10.8	7.2	32.0	26.1
Electrical machinery, apparatus and appliances (72)	90.2	-1.6	-7.5	18.8	25.6
Transport equipment (73)	81.9	-5.9	0.9	23.1	37.2
Clothing and footwear (84, 85)	23.6	-1.2	0.6	76.9	36.4

a/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.

NICARAGUA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1977	1970	1977	1970	1977
Food products (311/2)	51.4	43.4	1.99	2.53	0.345	0.346
Beverages (313)	2.1	2.4	0.44	0.43	0.634	0.623
Tobacco (314)	1.4	2.1	0.46	0.62	0.819	0.814
Textiles (321)	5.0	8.7	0.38	0.76	0.554	0.553
Wearing apparel (322)	2.7	1.5	0.53	0.20	0.499 ^{b/}	0.496 ^{b/}
Leather and fur products (323)	1.3	1.3	1.81	1.83	0.402	0.406
Footwear (324)	1.2	2.2	0.72	1.73	...	...
Wood and cork products (331)	2.2	3.5	0.89	1.50	0.559	0.556
Furniture and fixtures excluding metal (332)	0.9	1.0	0.59	0.88	0.661	0.660
Paper (341)	1.1	1.8	0.51	0.81	0.351	0.352
Printing and publishing (342)	2.1	1.7	0.73	0.59	0.562	0.561
Industrial chemicals (351)	5.9	5.5	2.90	2.12	0.305 ^{c/}	0.295 ^{c/}
Other chemicals (352)	4.3	4.0	1.35	0.99	...	...
Petroleum refineries (353)	5.1	5.9	1.60	1.59	0.389 ^{d/}	0.383 ^{d/}
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	0.2	0.2	0.17	0.15	0.578	0.567
Plastic products (356)	0.8	0.7	0.33	0.22	...	...
Pottery, china and earthenware (361)	0.7	0.9	3.43	2.99	0.619 ^{e/}	0.612 ^{e/}
Glass (362)	0.2	0.2	0.42	0.47	...	...
Other non-metallic mineral products (369)	3.3	4.2	1.09	1.35	...	...
Iron and steel (371)	0.5	0.4	0.33	0.21	0.430 ^{f/}	0.444 ^{f/}
Non-ferrous metals (372)	0.1	0.1	0.05	0.04	...	...
Metal products, excluding machinery (381)	4.0	3.7	0.88	0.75	...	...
Non-electrical machinery (382)	0.3	0.3	0.19	0.14	0.526 ^{g/}	0.543 ^{g/}
Electrical machinery (383)	1.5	1.7	0.43	0.24	...	...
Transport equipment (384)	0.1	0.1	0.03	0.04	0.668	0.577
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.2	0.34	0.17	0.512 ^{h/}	0.511 ^{h/}

a/ Relative to all small countries with modest resources.

b/ Including ISIC 324.

c/ Including ISIC 352.

d/ Estimated.

e/ Including ISIC 362 and 369.

f/ Including ISIC 372 and 381.

g/ Including ISIC 383.

h/ Including ISIC 390 and 356.

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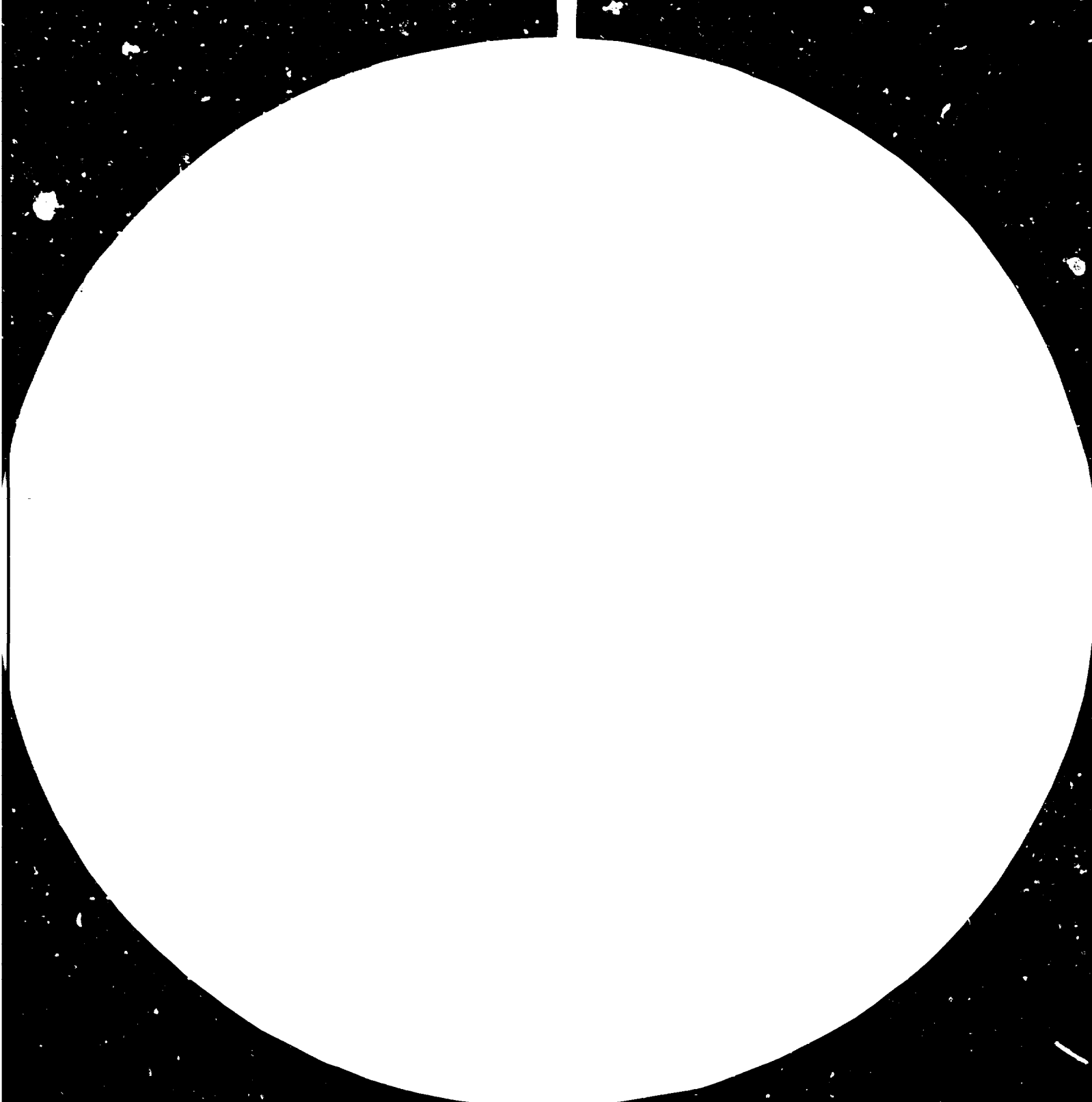
RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	2.16*	1.83	1.93
Beverages (313)	0.41*	0.39*	0.54
Tobacco (314)	0.70	0.71	0.71
Textiles (321)	1.19	1.45	1.50
Wearing apparel (322)	0.49	0.45	0.60
Leather and fur products (323)	1.72	1.88	2.16
Footwear (324)	1.29	1.41	1.47
Wood and cork products (331)	1.11	1.12	1.39
Furniture and fixtures excluding metal (332)	0.52	0.54	0.64
Paper (341)	0.78	0.73	0.62
Printing and publishing (342)	0.74	0.64	0.76
Industrial chemicals (351)	3.26*	3.38*	2.95
Other chemicals (352)	1.84	1.72	1.49
Petroleum refineries (353)	2.06	1.72	2.75
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.16**	0.21*	0.37*
Plastic products (356)	0.63	0.61	0.53
Pottery, china and earthenware (361)	2.64	3.45*	b/
Glass (362)	0.59	0.88	1.71
Other non-metallic mineral products (369)	1.12	1.17	1.43
Iron and steel (371)	0.27*	0.44	0.63
Non-ferrous metals (372)	0.26	0.54	1.21
Metal products, excluding machinery (381)	1.16	1.24	1.48
Non-electrical machinery (382)	0.25*	0.29*	0.44
Electrical machinery (383)	0.85	0.94	0.99
Transport equipment (384)	0.06**	0.07**	0.09*
Professional and scientific equipment, photographic and optical goods (385)	0.62	0.56	0.72
Other manufactures (390)	1.23	1.62	1.37
Total manufacturing (300)	1.93*	2.21*	1.91*

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

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NICARAGUA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production as a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Eggs products(311)	18.5	19.1	169.9	160.7	0.0	0.0	0.603	0.562
Beef and veal, fresh(101:kg)	932.0	566.0	140.4	309.6	59.6	71.4	0.232	0.123
Milk and cream, dried(204:g)	1670.0	1615.0	103.9	100.3	0.2	0.4	0.416	0.420
Butter(207:g)	7113.0	6539.0	100.7	100.2	0.3	0.3	1.113	0.842
Cheese(210:g)	15.7	...	93.6	...	6.5	...	0.266	...
Flour, wheat(601:kg) g/	37.4	46.2	206.7	200.6	0.1	0.0	0.940	1.074
Raw sugar(801:kg)	14.0	19.9	135.2	115.2	0.2	0.0	5.186	13.267
Vegetable oils(321)	1218.0	...	98.9	...	4.4	...	0.376	...
Cotton woven fabrics(128:g) b/ g/	2.2	1.8	0.0	0.0	100.0	100.0	0.086	0.069
Pulp and paper (41)	1.2	1.3	0.0	0.0	100.0	100.0	0.038	0.032
Neoprene(119:kg)	11.0	568.0	0.0	0.0	100.0	100.0	0.001	0.036
Industrial chemicals(251)	0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
Methanol(methyl alcohol)(121:kg)	61.0	55.0	0.0	0.0	100.0	100.0	0.113	0.100
Calcium carbide(173:kg)	20.5	6.1	8.5	0.0	91.6	100.0	0.932	0.223
Dyesuffs, synthetic(174:g)	3.9	3.4	0.0	0.0	100.0	100.0	0.287	0.250
Nitrogenous fertilizers(201:kg) g/ g/	1.4	1.9	0.0	0.0	100.0	100.0	0.076	0.093
Phosphatic fertilizers(204 and 207:kg) g/	75.8	97.6	82.0	72.1	18.7	27.9	0.136	0.167
Pesticides(210:kg)	80.1	109.3	100.0	13.8	0.0	86.2	0.140	0.206
Residual fuel oils(022:kg) d/ g/	...	-	...	0.0	100.0	100.0	...	0.000
Iron & steel(371)	6.4	6.4	0.0	0.0	100.0	100.0	0.146	0.154
Other ferro-alloys(013:kg) f/ plates(heavy), over 4.75 mt(040:kg)	66.0	280.0	0.0	0.0	100.0	100.0	0.004	0.015
Non-ferrous alloys(322)	75.0	129.0	0.0	0.0	100.0	100.0	0.016	0.026
Aluminium, unwrought(032:g)	237.0	150.0	0.0	0.0	100.0	100.0	0.043	0.030
Zinc, unwrought(043:g)	...	...	...	...	...	...	...	...

A/ For first period: 1970 and 1971.

B/ Estimates.

C/ For second period: 1976 and 1977.

D/ Trade data for 1970 refer only to trade with OECD countries.

E/ For first period: 1970 only.

F/ For second period: 1977 and 1978.

NICARGUA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1974-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitive-ness	
Total manufactures (5 to 8)	75.1	-14.1	1.9	37.1	22.8
Chemicals (5)	61.3	-9.8	-0.2	48.6	27.7
Manufactured goods classified chiefly by material (6)	90.9	-16.6	8.2	17.5	19.9
Machinery and transport equipment (7)	36.4	-3.1	1.7	65.0	36.8
Miscellaneous manufactured articles (8)	106.8	-32.5	0.0	24.8	16.3
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	190.4	48.2	-11.4	-127.2	18.7
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	136.1	3.1	-12.9	-26.2	17.0
Paper, paperboard and manufactures thereof (64)	110.7	-5.3	32.4	-37.8	18.1
Textile yarn, fabrics, made-up articles and related products (65)	01.4	-24.1	14.5	28.2	15.4
Non-metallic mineral manufactures, n.e.s. (66)	100.7	9.3	-0.7	-9.3	21.0
Iron and steel (67)	74.1	-8.5	7.7	24.6	23.2
Non-ferrous metals (68)	28.3	8.6	23.0	40.1	43.1
Manufactures of metal, n.e.s. (69)	103.5	-39.9	-3.1	39.5	21.3
Machinery, other than electric (71)	93.3	-11.6	9.0	0.3	24.2
Electrical machinery, apparatus and appliances (72)	25.4	-1.5	-0.9	77.0	42.5
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	176.0	-45.8	-13.3	-16.9	-0.3

NIGERIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.97	1.22	1.11
Beverages (313)	2.41*	2.62*	2.98*
Tobacco (314)	0.29*	0.24*	0.36*
Textiles (321)	1.32	1.03	1.24
Wearing apparel (322)	0.39*	0.42	1.12
Leather and fur products (323)	1.43	1.25	2.64*
Footwear (324)	2.55*	2.05	1.76
Wood and cork products (331)	0.84	0.95	1.40
Furniture and fixtures excluding metal (332)	1.04	1.10	1.58
Paper (341)	1.45	1.70	1.67
Printing and publishing (342)	1.94	2.72*	2.14*
Industrial chemicals (351)	0.39	0.35	0.56
Other chemicals (352)	1.51	1.43	2.38*
Petroleum refineries (353)	0.31	0.32	0.40
Miscellaneous products of petroleum and coal (354)	5.66*	6.09*	2.04
Rubber products (355)	6.98**	4.73*	4.70**
Plastic products (356)	3.53*	3.02*	2.86*
Pottery, china and earthenware (361)	2.48	1.61	3.71*
Glass (362)	1.32	0.80	1.03
Other non-metallic mineral products (369)	0.82	0.81	1.34
Iron and steel (371)	0.06**	0.03***	0.08***
Non-ferrous metals (372)	0.81	0.34	0.31*
Metal products, excluding machinery (381)	3.00*	2.95*	2.21*
Non-electrical machinery (382)	0.32*	0.26*	0.76
Electrical machinery (383)	1.42	1.26	1.16
Transport equipment (384)	1.25	1.00	1.97*
Professional and scientific equipment, photographic and optical goods (385)	0.26*	0.17*	0.45*
Other manufactures (390)	0.77	0.62	0.67
Total manufacturing (300)	0.25**	0.29**	0.30**

^{a/} Large countries.

NIGERIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products(311)								
Beef and veal, fresh(101;kg) a/ b/ c/	3.6	2.9	100.0	95.5	6.0	4.5	0.117	0.085
Butter(207;g)	123.0	160.6	50.7	64.8	49.3	35.2	0.031	0.042
Cheese(210;g)	99.0	108.0	94.4	76.7	5.6	23.3	0.015	0.014
Flour, wheat(601;kg) a/ b/ c/	3.4	8.4	97.4	93.8	2.6	6.2	0.058	0.146
Raw sugar(801;kg) a/ b/ c/	0.5	0.6	100.0	97.4	0.0	2.6	0.013	0.014
Refined sugar(804;kg)	2.4	5.1	18.2	10.8	81.8	69.2	0.060	0.125
Prepared animal feeds(312201;kg) a/ b/ c/	0.4	0.5	97.5	70.6	2.5	29.2	0.003	0.002
Vegetable oils(311)								
Oil,groundnut(522 and 525;kg) d/ e/	3.8	0.3	126.0	15.8	0.0	86.2	2.235	0.250
Textiles(321)								
Cotton yarn, pure and mixed(109;g) d/	117.0	255.0	56.1	33.0	48.3	67.0	0.027	0.059
Cotton woven fabrics(126;g) d/ f/	471.0	781.0	96.2	99.8	4.9	0.2	0.146	0.255
Knitted fabrics(301;g) g/ h/ i/	21.0	76.0	96.1	100.0	3.9	0.0	0.014	0.032
Pulp and paper(331)								
Wood pulp, sulphate and soda(110;kg)	-	0.1	0.0	0.0	100.0	100.0	0.000	0.001
Other printing and writing paper(122;kg)	0.5	0.8	7.2	3.5	92.8	96.5	0.015	0.020
Industrial chemicals(351)								
Methanol(methyl alcohol)(121;g)	5.0	2.0	0.0	0.0	100.0	100.0	0.001	0.000
Ammonia(158;kg)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Caustic soda(159;kg)	0.3	0.3	0.0	0.0	100.0	100.0	0.010	0.010
Calcium carbide(173;kg)	-	...	0.0	...	100.0	...	0.000	...
Dyestuffs, synthetic(174;g)	317.0	126.0	0.0	0.0	100.0	100.0	0.588	0.229
Nitrogenous fertilizers(201;kg) g/	0.1	0.6	0.0	0.0	100.0	100.0	0.005	0.022
Phosphatic fertilizers(204 and 207;kg) g/	0.1	0.4	0.0	6.5	100.0	93.5	0.007	0.029
Potassic fertilizers(210;kg) g/	-	0.2	0.0	0.0	100.0	100.0	0.000	0.010
Rubber, synthetic(301;g)	9.0	...	0.0	...	100.0	...	0.001	...
Petroleum refineries(353)								
Distillate fuel oils(019;kg)	8.8	12.5	91.2	78.8	11.8	27.5	0.016	0.020
Residual fuel oils(022;kg) g/	...	5.0	...	225.5	...	3.4	...	0.009

NIGERIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production				Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption							
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978		
Iron & steel (321)										
Other ferro-alloys (013;kg) i/	-	-	0.0	0.0	100.0	100.0	0.000	0.000		
Wire rods (022;kg)	0.7	...	0.0	...	100.0	...	0.021	...		
Angles, shapes, sections, 80 mm or more (036;kg)	0.7	...	0.0	...	100.0	...	0.025	...		
Angles, shapes, sections, under 80 mm (037;kg)	0.3	1.0	0.0	0.0	100.0	100.0	0.004	0.015		
Plates (heavy), over 4.75 mm (040;kg)	1.0	0.6	0.0	0.0	100.0	100.0	0.023	0.014		
Plates (medium), 3 to 4.75 mm (043;kg)	0.3	2.8	0.0	0.0	100.0	100.0	0.023	0.238		
Tubes, seamless (076;kg)	2.0	...	0.0	...	100.0	...	0.172	...		
Tubes, welded (079;kg)	0.4	...	0.0	...	100.0	...	0.017	...		
Steel castings in the rough state (085;kg) g/ h/	-	...	0.0	...	100.0	...	0.000	...		
Steel forgings (088;kg) g/ h/	0.1	...	0.0	...	100.0	...	0.016	...		
Non-ferrous metals (322)										
Aluminium, unwrought (022;g)	3.0	56.0	0.0	0.0	100.0	100.0	0.000	0.003		
Zinc, unwrought (043;g)	79.0	149.0	0.0	0.0	100.0	100.0	0.014	0.029		

- a/ Trade data refer only to trade with OECD countries.
- b/ For first period: 1970 only.
- c/ For second period: 1977 only.
- d/ Estimates.
- e/ For second period: 1976 and 1977.
- f/ For first period: 1972 only.
- g/ Trade data for 1970 refer only to trade with OECD countries.
- h/ For second period: 1976 only.
- i/ For second period: 1977 and 1978.

NORWAY

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)	
	1970	1978
Food products (311/2)	7.6	7.7
Beverages (313)	3.0	3.5
Tobacco (314)	2.5	2.0
Textiles (321)	3.1	2.4
Wearing apparel (322)	2.4	1.3
Leather and fur products (323)	0.3	0.2
Footwear (324)	0.5	0.2
Wood and cork products (331)	5.3	6.8
Furniture and fixtures excluding metal (332)	2.2	2.2
Paper (341)	7.4	6.5
Printing and publishing (342)	6.5	6.0
Industrial chemicals (351)	3.5	4.1
Other chemicals (352)	2.7	2.5
Petroleum refineries (353)	1.1	1.3
Miscellaneous products of petroleum and coal (354)	0.6	0.6
Rubber products (355)	0.7	0.6
Plastic products (356)	1.9	1.9
Pottery, china and earthenware (361)	0.6	0.3
Glass (362)	0.4	0.6
Other non-metallic mineral products (369)	3.0	2.8
Iron and steel (371)	6.0	5.9
Non-ferrous metals (372)	3.6	5.2
Metal products, excluding machinery (381)	7.5	6.5
Non-electrical machinery (382)	6.9	8.8
Electrical machinery (383)	5.9	7.2
Transport equipment (384)	13.5	11.9
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.4

a/ Relative to all small countries with ample resources and industrial
b/ 1972.

Relative specialization in manufacturing output a/		Ratio of value added to gross output	
1970	1978	1970	1979
0.60	0.58	0.220	0.066
1.25	1.34	0.603	0.643
2.18	1.94	0.526	0.784
0.62	0.53	0.469	0.367
0.88	0.52	0.522	0.409
0.67	0.57	0.429	0.346
0.62	0.45	0.455	0.435
1.32	1.76	0.416	0.329
0.94	0.96	0.505	0.386
1.68	1.55	0.295	0.287
1.16	1.15	0.638	0.432
0.77	0.75	0.457	0.324
0.76	0.60	0.491	0.345
0.81	0.96	0.135	0.237
0.99	1.15	0.306	0.240
0.58	0.48	0.515	0.457
1.32	1.07	0.469	0.341
1.27	0.78	0.778	0.571
0.50	0.67	0.529	0.397
0.84	0.82	0.504	0.405
1.32	1.41	0.455	0.370
2.00	2.62	0.330	0.331
0.99	0.87	0.506	0.441
0.83	1.09	0.487	0.348
0.86	0.94	0.462	0.456
1.87	1.65	0.422	0.379
0.15	0.30	0.571	0.531

orientation.

NORWAY

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group <u>a/</u>
0.67	0.70	0.63*
1.03	1.15	1.01
2.28	2.09	1.78
0.87	0.85	1.03
0.45	0.71	0.69
0.55	0.82	0.89
0.41	0.70	0.62
2.34	2.51*	2.47*
0.84	1.05	0.95
2.12	1.49	1.81*
1.46	0.92	1.07
0.88	1.22	1.14
0.81	0.68	1.12
0.48	1.49	1.92
2.00	2.02	0.74
0.57	0.46*	0.57*
1.10	0.99	1.12
1.28	1.32	1.39
0.75	0.68	0.68
0.82	0.85	0.83
1.84	1.60	1.59
3.86*	2.97*	2.80
1.06	0.98	1.06
1.27	1.11	0.91
1.23	1.18	1.40
1.94	2.08**	2.10*
0.35	0.45	0.32*
0.72	0.59	0.54
1.06	0.89	0.85

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1972	1978	1970-1972	1976-1978
Food products(311)								
Beef and veal, fresh(101:kg)	15.1	19.2	96.1	85.6	6.2	14.5	0.492	0.566
Milk and cream, condensed(201:g)	1290.0	2267.0	216.3	109.2	0.1	2.3	0.335	0.712
Milk and cream, dried(204:g) <u>g/ b/</u>	1648.0	2596.0	106.3	97.5	12.3	4.4	0.408	0.552
Butter(207:g) <u>b/</u>	5670.0	5461.0	96.5	114.7	9.3	0.0	1.412	1.420
Vegetables, tinned or bottled(322:g) <u>b/</u>	4790.0	5889.0	73.1	71.5	27.3	28.7	0.468	0.218
Fish, tinned(407:g)	2710.0	...	422.1	...	46.7	...	1.623	...
Margarine, imitation lard, etc.(501:g) <u>b/</u>	20270.0	18152.0	112.8	111.9	0.1	0.2	3.492	2.877
Flour, wheat(601:kg) <u>b/</u>	50.1	54.7	106.9	100.7	1.2	0.1	0.848	0.960
Flour, cereal, other than wheat(607:kg) <u>g/ b/</u>	72.1	63.1	96.1	99.9	3.9	0.1	2.783	5.487
Prepared animal feeds(312201:kg) <u>b/</u>	317.4	337.5	100.0	99.6	0.2	0.5	2.259	1.646
Textiles(321)								
Wool yarn, pure and mixed(103:g) <u>b/</u>	1360.0	1016.0	106.3	100.6	1.1	3.3	0.515	0.531
Cotton yarn, pure and mixed(109:g) <u>b/</u>	1550.0	1363.0	56.9	27.1	46.1	75.6	0.352	0.316
Cotton woven fabrics(128:g) <u>b/</u>	1260.0	1088.0	75.4	74.2	25.1	27.9	0.389	0.355
Woolen woven fabrics(134:g) <u>g/</u>	630.0	326.0	84.3	88.1	36.8	33.3	0.508	0.273
Knitted fabrics(201:g) <u>b/</u>	680.0	751.0	61.2	69.9	56.8	57.0	0.439	0.319
Pulp and paper(331)								
Wood pulp, mechanical(101:kg)	160.1	136.8	180.4	145.4	0.0	0.6	7.481	4.591
Wood pulp, sulphate and soda(110:kg)	84.9	109.2	62.9	77.7	44.1	49.7	1.075	1.223
Newsprint(119:kg)	20.7	22.7	672.4	496.4	0.0	0.0	0.799	0.870
Other printing and writing paper(122:kg)	29.6	29.0	278.5	245.9	7.0	28.4	0.928	0.711
Industrial chemicals(332)								
Methanol(methyl alcohol)(121:g) <u>b/</u>	16346.0	13960.0	82.2	80.9	17.8	19.1	2.193	0.872
Chlorine(145:kg) <u>g/</u>	16.4	18.8	99.9	87.4	0.1	12.6	0.624	0.587
Sulphuric acid(147:kg)	90.3	96.9	92.7	99.9	7.3	0.1	0.971	0.984
Nitric acid(149:kg) <u>b/</u>	6.1	3.0	100.0	99.9	0.0	0.0	0.225	0.098
Ammonia(158:kg) <u>b/</u>	140.5	156.6	97.2	97.5	2.8	2.5	4.878	2.767
Caustic soda(159:kg)	27.5	26.4	73.4	71.2	26.6	28.8	0.962	0.860
Calcium carbide(173:kg) <u>b/</u>	24.6	26.7	159.8	100.0	0.0	0.0	3.712	8.613
Nitrogenous fertilizers(201:kg)	20.0	33.7	479.9	95.0	1.7	5.0	0.909	1.234
Phosphatic fertilizers(204 and 207:kg) <u>g/ b/</u>	2.4	14.6	38.3	204.8	61.8	1.6	0.176	1.066
Potassic fertilizers(210:kg) <u>b/</u>	31.2	31.2	0.0	0.0	100.0	100.0	1.668	1.527
Insecticides, fungicides, disinfectants, etc.(216:g) <u>g/</u>	3337.0	...	80.8	...	2.6	...	1.577	...
Petroleum refining(333)								
Distillate fuel oils(019:kg)	815.7	1018.1	54.5	63.5	45.5	15.5	1.467	1.639
Residual fuel oils(022:kg)	994.8	659.3	71.1	95.2	28.9	4.8	1.756	1.245

NORWAY

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Iron & steel (371)</u>								
Wire rods (028; kg)	24.6	21.0	45.5	30.0	69.1	75.6	0.745	0.632
Angles, shapes, sections, 80 mm or more (036; kg)	31.9	29.3	66.6	104.2	65.1	83.8	1.131	1.157
Angles, shapes, sections, under 80 mm (037; kg)	75.4	63.8	91.4	92.0	8.7	8.1	1.124	0.930
Steel castings in the rough state (085; kg)	2.1	1.7	108.0	97.6	10.3	7.6	0.562	0.333
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004; g)	1940.0	1782.0	454.7	308.3	12.5	37.0	0.229	0.211
Aluminium, unwrought (022; g)	31420.0	16815.0	450.1	937.6	25.2	196.3	2.096	0.825
Zinc, unwrought (043; g)	4120.0	2953.0	409.0	574.1	8.2	17.6	0.744	0.593

- a/ Production statistics do not provide for complete coverage.
- b/ For second period: 1976 and 1977.
- c/ All data include meal & groats of all cereal (ISIC 311604).
- d/ For second period: 1976 only.
- e/ For first period: 1970 and 1971.
- f/ For first period: 1972 only.

NORWAY

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	110.1	-5.4	0.1	-4.9	17.4
Chemicals (5)	125.7	0.1	-4.8	-21.0	17.4
Manufactured goods classified chiefly by material (6)	144.2	-7.8	-5.5	-30.9	12.4
Machinery and transport equipment (7)	77.8	-5.5	12.2	15.4	23.1
Miscellaneous manufactured articles (8)	107.7	-0.7	10.0	-17.0	19.7
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (51)	190.2	-5.9	16.4	-100.7	10.7
Rubber manufactures, n.e.s. (62)	170.8	-6.7	0.3	-67.4	12.5
Wood and cork manufactures, excluding furniture (63)	139.2	-4.6	14.0	-48.5	16.1
Paper, paperboard and manufactures thereof (64)	148.1	11.6	-6.1	-53.7	11.0
Textile yarn, fabrics, made-up articles and related products (65)	138.6	7.9	1.7	-48.3	11.7
Non-metallic mineral manufactures, n.e.s. (66)	194.2	25.5	4.3	-124.1	13.2
Iron and steel (67)	124.2	-17.5	7.1	-14.8	14.5
Non-ferrous metals (68)	120.8	-13.3	24.0	-31.5	11.6
Manufactures of metal, n.e.s. (69)	130.3	-19.0	0.6	-11.9	14.7
Machinery, other than electric (71)	87.6	-12.8	7.9	17.3	19.5
Electrical machinery, apparatus and appliances (72), Transport equipment (73)	145.6	-9.9	-2.6	-33.0	17.8
Clothing and footwear (84, 85)	69.4	-3.3	15.7	18.3	25.2
	184.7	0.6	1.4	-86.7	13.2

PAKISTAN

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	28.1	26.2	3.07	2.94	0.287	0.356
Beverages (313)	0.9	1.3	0.43	0.59	0.527	0.511
Tobacco (314)	10.0	14.2	10.01	14.88	0.587	0.651
Textiles (321)	29.8	14.7	5.56	3.16	0.522	0.354
Wearing apparel (322)	0.0	0.1 ^{b/}	0.01	0.04 ^{b/}	0.400	0.348
Leather and fur products (323)	1.0	0.7 ^{b/}	2.16	1.61 ^{b/}	0.313	0.290
Footwear (324)	0.1	0.0 ^{b/}	0.07	0.05 ^{b/}	0.250	0.286
Wood and cork products (331)	0.1	0.2 ^{b/}	0.03	0.12 ^{b/}	0.154	0.305
Furniture and fixtures excluding metal (332)	0.1	0.2 ^{b/}	0.05	0.10 ^{b/}	0.437	0.424
Paper (341)	1.1	2.2	0.32	0.66	0.366	0.371
Printing and publishing (342)	1.2	1.1	0.27	0.28	0.577	0.461
Industrial chemicals (351)	4.7	8.0	1.00	1.43	0.597	0.418
Other chemicals (352)	5.1	6.8	1.27	1.46	0.443	0.284
Petroleum refineries (353)	3.1	2.6	1.36	1.17	0.587 ^{c/}	...
Miscellaneous products of petroleum and coal (354)	3.1	2.6	9.40	8.39	...	...
Rubber products (355)	0.8	1.4	0.56	0.92	0.423	0.278
Plastic products (356)	0.1 ^{a/}	0.1 ^{b/}	0.06 ^{b/}	0.06 ^{b/}	0.937	0.458
Pottery, china and earthenware (361)	0.1	0.1 ^{b/}	0.24	0.21 ^{b/}	0.400	0.643
Glass (362)	0.1	0.3 ^{b/}	0.10	0.30 ^{b/}	0.304	0.441
Other non-metallic mineral products (369)	3.1	3.8	1.01	1.26	0.529	0.416
Iron and steel (371)	1.5	2.9 ^{b/}	0.23	0.50 ^{b/}	0.302	0.259
Non-ferrous metals (372)	0.0	0.1 ^{b/}	0.01	0.03 ^{b/}	0.25	0.333
Metal products, excluding machinery (381)	1.1	1.7 ^{b/}	0.16	0.25 ^{b/}	0.343	0.351
Non-electrical machinery (382)	0.9	2.9 ^{b/}	0.08	0.27 ^{b/}	0.337	0.364
Electrical machinery (383)	2.2	3.1	0.28	0.35	0.472	0.381
Transport equipment (384)	1.2	1.8	0.12	0.17	0.271	0.432
Professional and scientific equipment, photographic and optical goods (385)	0.3	0.5 ^{b/}	0.13	0.24 ^{b/}	0.593	0.510

^{a/} Relative to all large countries.

^{b/} Estimated.

^{c/} Including ISIC 354.

PAKISTAN

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.31	1.36	1.60*
Beverages (313)	0.31*	0.33*	0.43*
Tobacco (314)	3.55*	3.22*	2.78*
Textiles (321)	1.23	1.20	1.72*
Wearing apparel (322)	0.06***	0.08**	0.06**
Leather and fur products (323)	2.29*	2.81*	2.81*
Footwear (324)	0.08**	0.12**	0.16*
Wood and cork products (331)	0.08**	0.09**	0.07***
Furniture and fixtures excluding metal (332)	0.21**	0.26*	0.22*
Paper (341)	2.14	1.87	2.23*
Printing and publishing (342)	0.86	0.73	0.78
Industrial chemicals (351)	3.70*	4.00*	3.14*
Other chemicals (352)	2.16*	1.84	1.60
Petroleum refineries (353)	0.79	0.91	0.79
Miscellaneous products of petroleum and coal (354)	4.19*	4.54*	1.53
Rubber products (355)	1.30	1.11	1.21
Plastic products (356)	0.30*	0.28*	0.35*
Pottery, china and earthenware (361)	0.30*	0.31	0.24*
Glass (362)	0.48	0.49	0.39*
Other non-metallic mineral products (369)	1.10	1.18	1.21
Iron and steel (371)	0.98	0.82	0.81
Non-ferrous metals (372)	0.04**	0.03**	0.14***
Metal products, excluding machinery (381)	0.49*	0.49*	0.59*
Non-electrical machinery (382)	1.74	1.60	1.11
Electrical machinery (383)	1.68	1.63	1.92
Transport equipment (384)	0.44	0.46	0.36*
Professional and scientific equipment, photographic and optical goods (385)	2.45	2.50	2.49*
Other manufactures (390)	0.30*	0.30*	0.24*
Total manufacturing (300)	1.08	1.10	1.38

^{a/} Large countries.

Product (ISIC; unit of measurement)

Food products(311)

| Beef and veal, fresh(101;kg) a/

| Butter(207;g) b/

| Raw sugar(801;kg) c/

| Refined sugar(804;kg)

Textiles(321)

| Cotton yarn, pure and mixed(109;g) d/

| Cotton woven fabrics(122;g) d/

Pulp and paper(341)

| Pulp of fibres other than wood(104;kg) c/

| Other printing and writing paper(122;kg)

Industrial chemicals(351)

| Chlorine(145;kg) e/ f/

| Sulphuric acid(147;kg) e/ f/

| Caustic soda(159;kg) e/ f/

| Nitrogenous fertilizers(201;kg)

| Phosphatic fertilizers(204 and 207;kg) g/

| Potassic fertilizers(210;kg) f/

| Rubber, synthetic(301;g)

Petroleum refineries(353)

| Distillate fuel oils(015;kg)

| Residual fuel oils(022;kg)

Iron & steel(371)

| Other ferro-alloys(013;kg)

| Wire rods(022;kg)

| Angles, shapes, sections, 80 mm or more(036;kg)

| Angles, shapes, sections, under 80 mm(037;kg)

| Plates(heavy), over 4.75 mm(040;kg)

| Plates(medium), 3 to 4.75 mm(043;kg)

| Tubes, seamless(076;kg)

| Tubes, welded(079;kg)

| Steel castings in the rough state(085;kg)

| Steel forgings(088;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
...	4.5	...	100.0	...	0.0	...	0.132
...	3301.0	...	98.5	...	1.5	...	0.758
...	9.2	...	98.5	...	1.5	...	0.114
...	9.9	...	100.0	...	0.0	...	0.242
...	3821.0	...	130.1	...	0.0	...	0.885
...	156.0	...	528.9	...	0.0	...	0.051
...	0.7	...	100.0	...	0.0	...	0.389
...	0.5	...	59.1	...	41.4	...	0.012
...	0.1	...	100.0	...	0.0	...	0.003
...	0.6	...	100.0	...	0.0	...	0.006
...	0.3	...	9.8	...	0.2	...	0.010
5.0	9.2	52.1	45.4	49.5	54.6	0.227	0.337
0.3	1.7	27.3	9.1	72.7	20.9	0.022	0.125
...	-	...	0.0	...	100.0	...	0.000
...	40.0	...	0.0	...	100.0	...	0.005
...	20.4	...	56.0	...	44.9	...	0.033
...	12.5	...	135.2	...	1.1	...	0.024
...	-	...	0.0	...	100.0	...	0.000
...	0.2	...	0.0	...	100.0	...	0.006
...	0.2	...	0.0	...	100.0	...	0.008
...	0.1	...	0.0	...	100.0	...	0.002
...	2.7	...	0.0	...	100.0	...	0.005
...	0.1	...	0.0	...	100.0	...	0.008
...	0.1	...	0.0	...	100.0	...	0.009
...	0.5	...	0.0	...	100.0	...	0.020
...	-	...	0.0	...	100.0	...	0.000
...	-	...	0.0	...	100.0	...	0.000

PAKISTAN

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (322)								
Aluminium, unwrought (022;g)	...	47.0	...	0.0	...	100.0	...	0.003
Lead, refined, unwrought (037;g)	...	20.0	...	0.0	...	100.0	...	0.004
Zinc, unwrought (043;g)	...	100.0	...	0.0	...	100.0	...	0.020
Tin, unwrought (049;g)	...	2.0	...	0.0	...	100.0	...	0.008

- a/ For second period: 1976 and 1978.
 b/ Production data include additional related products.
 c/ For second period: 1978 only.
 d/ Estimates.
 e/ Trade data for 1977 refer only to trade with OECD countries.
 f/ For second period: 1977 only.
 g/ For second period: 1976 and 1977.

PAKISTAN

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	...	...	...	...	...
Chemicals (5)	114.6	30.9	-9.9	-35.5	12.8
Manufactured goods classified chiefly by material (6)	...	...	...	...	...
Machinery and transport equipment (7)	71.5	73.9	-2.4	-42.9	13.4
Miscellaneous manufactured articles (8)	100.2	27.1	-15.3	-12.1	18.5
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	187.3	5.4	-19.1	-73.7	13.2
Rubber manufactures, n.e.s. (62) ^{a/}	71.2	33.8	-1.7	-3.3	25.2
Wood and cork manufactures, excluding furniture (63)	78.1	280.8	11.9	-270.8	10.6
Paper, paperboard and manufactures thereof (64)	60.5	10.8	0.3	28.3	17.8
Textile yarn, fabrics, made-up articles and related products (65)	...	...	...	...	...
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	92.4	65.8	-20.3	-38.0	19.1
Machinery, other than electric (71)	106.3	66.4	-14.8	-58.0	9.8
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	9.6	12.9	0.4	77.0	39.0
Clothing and footwear (84,85)	62.4	5.8	-2.7	34.5	33.6

^{a/} Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
Food products (311/2)	36.8	45.6	3.25	3.48	0.338	0.329
Beverages (313)	3.4	3.6	0.71	0.73	0.535	0.474
Tobacco (314)	3.5	2.8	1.27	0.91	0.692	0.734
Textiles (321)	0.4	0.8	0.07	0.13	0.442	0.464
Wearing apparel (322)	7.4	7.4	1.99	2.00	0.544	0.480
Leather and fur products (323)	0.5	1.1	0.78	1.40	0.574	0.455
Footwear (324)	2.5	2.0	2.26	1.43	0.562	0.526
Wood and cork products (331)	3.2	2.0	1.99	1.14	0.537	0.465
Furniture and fixtures excluding metal (332)	4.9	2.4	3.07	1.60	0.562	0.439
Paper (341)	3.4	4.0	1.26	1.48	0.344	0.333
Printing and publishing (342)	8.8	5.1	3.95	2.45	0.568	0.645
Industrial chemicals (351)	0.3	0.9	0.13	0.55	0.789	0.297
Other chemicals (352)	3.6	4.7	0.70	0.86	0.491	0.431
Petroleum refineries (353)	3.7	1.7	0.12	0.06	...	...
Miscellaneous products of petroleum and coal (354)	0.1	0.0	0.62	0.08	-	...
Rubber products (355)	0.3	0.5	0.21	0.37	0.750	0.372
Plastic products (356)	0.8	1.4	0.79	0.71	0.451	0.404
Pottery, china and earthenware (361)	-	-	-	-	-	-
Glass (362)	0.3	0.3	0.68	0.25	0.481	0.514
Other non-metallic mineral products (369)	6.9	5.2	2.08	1.32	0.529	0.418 b/
Iron and steel (371)	2.5	1.5	0.50	0.38	0.540	0.374
Non-ferrous metals (372)	0.2	0.1	0.29	0.17	0.407	0.455
Metal products, excluding machinery (381)	5.1	4.8	1.49	1.36	0.493	0.442
Non-electrical machinery (382)	0.2	0.3	0.19	0.17	0.804	0.802
Electrical machinery (383)	0.4	0.9	0.21	0.44	0.591	0.457
Transport equipment (384)	0.5	0.5	0.17	0.16	0.758	0.777
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.2	1.92	1.02	0.457	0.509

g/ Relative to all manufacturing enterprises with ample resources and primary orientation.

b/ Estimated.

PANAMA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	2.16*	1.91	2.13*
Beverages (313)	0.59	0.57	0.55*
Tobacco (314)	1.19	1.16	1.71*
Textiles (321)	0.21**	0.24*	0.39*
Wearing apparel (322)	1.77	1.45	1.09
Leather and fur products (323)	1.11	1.05	1.36
Footwear (324)	1.47	1.29	1.67
Wood and cork products (331)	0.84	0.85	0.80
Furniture and fixtures excluding metal (332)	1.98	1.97	1.50
Paper (341)	1.80	1.87	1.89
Printing and publishing (342)	2.24*	2.32*	1.91
Industrial chemicals (351)	0.36*	0.34	0.79
Other chemicals (352)	1.67	1.56	2.28*
Petroleum refineries (353)	0.72	0.53	0.31
Miscellaneous products of petroleum and coal (354)	0.25*	0.25	0.46
Rubber products (355)	0.39*	0.47	0.49
Plastic products (356)	1.03	1.03	1.45
Pottery, china and earthenware (361)	-	-	-
Glass (362)	1.09	1.40	2.85
Other non-metallic mineral products (369)	1.72	1.76	1.83
Iron and steel (371)	1.10	1.68	0.89
Non-ferrous metals (372)	0.25*	0.46	0.20
Metal products, excluding machinery (381)	1.57	1.69	1.62
Non-electrical machinery (382)	0.28*	0.33*	0.43
Electrical machinery (383)	0.39*	0.41	0.45
Transport equipment (384)	0.39*	0.78	0.38*
Professional and scientific equipment, photographic and optical goods (385)	0.64	0.56	0.46*
Other manufactures (390)	0.13*	0.17*	0.20*
Total manufacturing (300)	1.20	1.47	1.65

^{a/} Small countries with ample resources and primary orientation.

PANAMA

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g) a/ b/ c/
- | Flour, wheat(601;kg) d/ e/
- | Flour, cereal, other than wheat(607;kg) a/
- | Bread, ships' biscuits, etc.(704;kg) a/ b/
- | Raw sugar(801;kg)
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg) a/ b/

Textiles(321)

- | Cotton yarn, pure and sized(109;g) f/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Caustic soda(159;kg)
- | Calcium carbide(173;kg)
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg) g/
- | Phosphatic fertilizers(204 and 207;kg) a/
- | Potassic fertilizers(210;kg) g/
- | Rubber, synthetic(301;g)

Petroleum refineries(363)

- | Distillate fuel oils(019;kg)
- | Residual fuel oils(022;kg)

Iron & steel(371)

- | Other ferro-alloys(013;kg) h/
- | Plates (medium), 3 to 4.75 mm(043;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
23.7	25.2	105.5	103.2	0.0	0.0	0.772	0.741
8623.0	9549.0	97.8	109.8	2.2	0.0	2.239	3.001
1474.0	2241.0	45.0	35.2	55.0	54.8	0.366	0.485
1267.0	999.0	31.6	19.9	69.6	83.0	0.198	0.127
3240.0	3326.0	88.4	91.9	11.6	8.1	0.317	0.123
24.1	22.6	100.0	100.1	0.1	0.0	0.408	0.392
11.9	1.3	95.6	91.4	4.4	8.6	0.125	0.228
13.0	...	100.0	...	0.0	...	0.474	...
32.4	39.9	189.7	250.0	6.0	0.0	0.814	0.928
28.6	27.4	104.3	100.0	0.1	0.0	0.710	0.670
21.7	...	94.2	...	5.8	...	0.154	...
3.0	30.0	0.0	0.0	100.0	100.0	0.001	0.007
2.3	0.7	0.0	0.0	100.0	100.0	0.107	0.023
...	4.2	...	40.0	...	60.0	...	0.103
1.0	1.1	0.0	0.0	100.0	100.0	0.035	0.036
0.3	0.3	0.0	0.0	100.0	100.0	0.045	0.097
10.0	11.0	0.0	0.0	100.0	100.0	0.019	0.020
9.9	7.0	0.0	0.0	100.0	100.0	0.450	0.256
2.1	2.7	0.0	0.0	100.0	100.0	0.154	0.199
2.1	4.2	0.0	0.0	100.0	100.0	0.112	0.205
7.0	14.0	0.0	0.0	100.0	100.0	0.001	0.002
504.8	319.0	97.4	97.0	2.6	3.0	0.908	0.514
1555.4	879.1	59.3	93.7	0.7	6.3	2.714	1.560
0.1	-	0.0	0.0	100.0	100.0	0.011	0.000
6.3	4.6	0.0	0.0	100.0	100.0	0.492	0.387

PANAMA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (322)								
Zinc, unwrought (043;g)	217.0	230.0	0.0	0.0	100.0	100.0	0.039	0.046
Tin, unwrought (049;g)	19.0	11.0	0.0	0.0	100.0	100.0	0.081	0.046

- a/ Trade data refer only to trade with OECD countries.
- b/ For first period: 1970 only.
- c/ For second period: 1977 only.
- d/ Production data include additional related products.
- e/ For second period: 1976 only.
- f/ For first period: 1971 and 1972.
- g/ For second period: 1976 and 1977.
- h/ For second period: 1976 and 1978.

PANAMA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	34.4	-4.0	-0.1	69.7	28.6
Chemicals (5)	40.3	-3.7	-0.5	63.9	35.1
Manufactured goods classified chiefly by material (6)	41.0	-3.4	2.0	60.5	28.2
Machinery and transport equipment (7)	44.1	-5.6	-1.1	62.6	15.1
Miscellaneous manufactured articles (8)	15.8	-3.7	1.7	85.3	46.3
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	15.6	0.6	-2.9	86.8	109.4
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	...	...	...	...	...
Paper, paperboard and manufactures thereof (64)	57.7	-7.0	1.9	47.4	24.0
Textile yarn, fabrics, made-up articles and related products (65)	85.0	34.1	12.2	-31.4	24.2
Non-metallic mineral manufactures, n.e.s. (66)	66.8	-3.7	-1.7	38.6	43.0
Iron and steel (67)	42.6	-8.5	-2.2	68.1	20.7
Non-ferrous metals (68)	119.7	-2.8	84.8	-101.7	14.7
Manufactures of metal, n.e.s. (69)	44.9	-19.3	3.8	70.6	29.6
Machinery, other than electric (71)	38.5	-6.4	3.1	64.8	17.3
Electrical machinery, apparatus and appliances (72)	44.8	-2.4	-0.8	58.5	20.1
Transport equipment (73)	64.4	-4.4	-1.0	41.0	23.7
Clothing and footwear (84,85)	...	...	...	...	...

PARAGUAY

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	49.0	30.6	1.90	1.79
Beverages (313)	1.7	2.9	0.36	0.52
Tobacco (314)	0.8	0.8	0.27	0.25
Textiles (321)	4.1	8.5	0.31	0.74
Wearing apparel (322)	2.8	2.5	0.54	0.32
Leather and fur products (323)	5.6	4.1	7.67	5.74
Footwear (324)	3.1	2.3	1.90	1.78
Wood and cork products (331)	4.8	9.0	1.97	3.84
Furniture and fixtures excluding metal (332)	2.3	1.9	1.51	1.68
Paper (341)	0.1	0.1	0.06	0.05
Printing and publishing (342)	1.5	2.2	0.52	0.76
Industrial chemicals (351)	2.4	7.5	1.19	0.96
Other chemicals (352)	2.4	3.1	0.76	0.78
Petroleum refineries (353)	10.9	13.0	3.40	3.48
Miscellaneous products of petroleum and coal (354)	-	-	-	-
Rubber products (355)	0.1	0.1	0.08	0.09
Plastic products (356)	0.1	0.6	0.06	0.20
Pottery, china and earthenware (361)	1.0	1.3	4.78	4.22
Glass (362)	0.0	0.0	0.06	0.05
Other non-metallic mineral products (369)	2.0	2.6	0.65	0.83
Iron and steel (371)	0.0	0.1	0.03	0.07
Non-ferrous metals (372)	0.0	0.0	0.01	0.02
Metal products, excluding machinery (381)	1.4	1.7	0.29	0.35
Non-electrical machinery (382)	0.9	1.4	0.54	0.59
Electrical machinery (383)	0.6	1.8	0.16	0.25
Transport equipment (384)	1.4	4.7	0.42	1.33
Professional and scientific equipment, photographic and optical goods (385)	0.3	0.9	0.48	0.65

^{a/} Relative to all small countries with modest resources.

PARAGUAY

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.88	1.66	1.68
Beverages (317)	0.36*	0.35*	0.45*
Tobacco (314)	0.37*	0.38*	0.39*
Textiles (321)	0.86	1.00	0.96
Wearing apparel (322)	0.41	0.38	0.42
Leather and fur products (323)	6.80**	7.02**	7.32**
Footwear (324)	2.00	1.98	1.96
Wood and cork products (331)	2.84*	2.76	2.94*
Furniture and fixtures excluding metal (332)	1.39	1.35	1.39
Paper (341)	0.07**	0.07**	0.07**
Printing and publishing (342)	0.83	0.78	0.86
Industrial chemicals (351)	1.54	1.59	1.53
Other chemicals (352)	1.18	1.22	1.22
Petroleum refineries (353)	3.34	3.21	3.59*
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.10**	0.13**	0.22*
Plastic products (356)	0.51	0.53	0.51
Pottery, china and earthenware (361)	3.74*	4.27*	b/
Glass (362)	0.12**	0.16*	0.20*
Other non-metallic mineral products (369)	0.66	0.68	0.77
Iron and steel (371)	0.07**	0.10**	0.12*
Non-ferrous metals (372)	0.07*	0.12*	0.20*
Metal products, excluding machinery (381)	0.49*	0.52*	0.58
Non-electrical machinery (382)	1.14	1.25	1.50
Electrical machinery (383)	0.79	0.87	0.86
Transport equipment (384)	1.74	1.94	2.27
Professional and scientific equipment, photographic and optical goods (385)	2.44	2.06	1.41
Other manufactures (390)	0.59	0.70	0.65
Total manufacturing (300)	1.41	1.58	1.39

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

PARAGUAY

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg) a/
- | Milk and cream, condensed(201;g) a/
- | Butter(207;g) b/ c/ a/
- | Cheese(210;g) d/ a/
- | Vegetables, tinned or bottled(322;g) a/
- | Flour, wheat(501;kg) a/
- | Raw sugar(801;kg) e/ c/ a/
- | Refined sugar(804;kg) a/
- | Prepared animal feeds(312201;kg) e/ c/ a/

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg) a/
- | Oil,cotton_seed(516 and 515;kg) c/
- | Oil,groundnut(522 and 525;kg) c/
- | Oils,other,of vegetable origin(534 & 537;kg) a/

Textiles(321)

- | Wool yarn, pure and mixed(103;g) f/
- | Cotton yarn, pure and mixed(109;g) f/ a/
- | Cotton woven fabrics(128;g) f/ c/
- | Woollen woven fabrics(134;g) f/ a/

Industrial chemicals(351)

- | Dyestuffs, synthetic(174;g) a/
- | Nitrogenous fertilizers(201;kg) g/
- | Phosphatic fertilizers(204 and 207;kg) g/
- | Potassic fertilizers(210;kg) g/

Petroleum refineries(353)

- | Distillate fuel oils(019;kg) a/
- | Residual fuel oils(022;kg) h/ a/

Iron & steel(371)

- | Angles,shapes,sections,80 mm or more(036;kg) a/
- | Angles,shapes,sections,under 80 mm(037;kg) a/
- | Plates(heavy), over 4.75 mm(040;kg) a/
- | Tubes, seamless(076;kg) a/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
29.3	28.4	135.9	102.1	0.0	0.0	0.954	0.835
2082.0	1283.0	99.7	100.0	0.3	0.0	0.540	0.403
128.0	111.0	100.0	99.0	0.0	1.0	0.032	0.029
203.0	1796.0	91.6	100.0	8.4	0.0	0.032	0.228
3053.0	464.0	99.2	94.9	0.8	5.1	0.298	0.017
28.5	2.6	98.8	66.3	1.2	33.7	0.482	0.479
22.6	19.2	100.0	106.7	0.0	0.0	0.568	0.447
20.6	20.5	108.1	100.0	0.0	0.0	0.511	0.501
16.9	25.4	100.0	99.7	0.0	0.3	0.120	0.124
5.4	16.8	104.1	100.5	0.6	0.0	0.400	0.848
1.2	...	111.1	...	0.0	...	0.444	...
0.9	...	100.0	...	0.0	...	0.529	...
3.3	0.6	432.3	1600.0	1.0	0.0	0.327	0.074
48.0	...	91.4	...	8.6	...	0.018	...
4447.0	12979.0	99.7	100.0	0.4	0.0	1.011	3.005
1477.0	...	100.0	...	0.0	...	0.456	...
25.0	17.0	74.8	76.0	25.2	24.0	0.020	0.014
20.0	28.0	0.0	0.0	100.0	100.0	0.037	0.051
0.6	0.1	0.0	0.0	100.0	100.0	0.027	0.034
1.0	0.1	0.0	0.0	100.0	100.0	0.074	0.037
0.7	0.1	0.0	0.0	100.0	100.0	0.037	0.005
19.1	43.1	81.0	68.0	19.0	32.0	0.034	0.059
16.8	25.5	92.8	71.9	7.2	28.1	0.029	0.048
0.2	0.5	0.0	0.0	100.0	100.0	0.007	0.020
0.2	0.2	0.0	0.0	100.0	100.0	0.003	0.033
0.4	0.4	0.0	0.0	100.0	100.0	0.009	0.010
0.5	0.7	0.0	0.0	100.0	100.0	0.043	0.052

PARAGUAY

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (322)</u>								
Aluminium, unwrought (022;g) ^{b/}	3.0	...	0.0	...	100.0	...	0.000	...
Zinc, unwrought (043;g) ^{i/}	52.0	...	0.0	...	100.0	...	0.009	...
Tin, unwrought (049;g) ^{a/}	2.0	2.0	0.0	0.0	100.0	100.0	0.008	0.008

^{a/} For second period: 1976 only.

^{b/} See footnotes d and e.

^{c/} For first period: 1970 only.

^{d/} Production statistics do not provide for complete coverage.

^{e/} Trade data for 1970 refer only to trade with OECD countries.

^{f/} Estimates.

^{g/} For second period: 1976 and 1977.

^{h/} For first period: 1970 and 1971.

^{i/} For first period: 1971 and 1972.

PARAGUAY

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970 AND 1976
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1976
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	54.4	-7.8	-8.6	62.0	28.4
Chemicals (5)	74.8	-5.6	-25.6	56.3	25.3
Manufactured goods classified chiefly by material (6)	27.2	-11.8	12.0	72.6	37.3
Machinery and transport equipment (7)	...	...	...	...	...
Miscellaneous manufactured articles (8)	49.6	-7.2	6.2	51.3	30.4
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	0.3	0.0	-0.0	99.8	200.7
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	59.3	-19.9	7.0	53.6	27.9
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	1.3	-0.6	0.0	99.2	119.0
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	...	...	...	...	...
Machinery, other than electric (71)	...	...	...	...	...
Electrical machinery, apparatus and appliances (72)	...	...	...	...	...
Transport equipment (73)	...	...	...	...	...
Clothing and footwear (84, 85)	64.9	-8.7	3.2	40.7	27.0

PERU

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output _{a/}		Ratio of value added to gross output	
	1970	1977	1970	1977	1970	1977
Food products (311/2)	37.5	17.0	1.45	0.99	0.362	0.364
Beverages (313)	5.6	9.2	1.16	1.64	0.704	0.706
Tobacco (314)	1.5	2.1	0.50	0.62	0.800	0.800
Textiles (321)	10.5	9.9	0.79	0.86	0.407	0.417
Wearing apparel (322)	2.1	2.2	0.41	0.28	0.468	0.460
Leather and fur products (323)	0.7	0.6	0.99	0.84	0.393	0.378
Footwear (324)	1.6	1.2	0.99	0.94	0.533	0.532
Wood and cork products (331)	1.2	1.9	0.49	0.81	0.455	0.424
Furniture and fixtures excluding metal (332)	0.8	0.7	0.54	0.60	0.516	0.516
Paper (331)	2.6	3.1	1.21	1.34	0.386	0.410
Printing and publishing (342)	2.2	1.8	0.75	0.63	0.583	0.559
Industrial chemicals (351)	1.8	4.6	0.90	1.77	0.533	0.510
Other chemicals (352)	3.2	6.2	1.02	1.53	0.503	0.482
Petroleum refineries (353)	2.4	3.0	0.73	0.82	0.376	0.168
Miscellaneous products of petroleum and coal (354)	0.0	0.0	0.02	0.04	0.602	0.606
Rubber products (355)	1.2	1.5	0.91	1.8	0.533	0.581
Plastic products (356)	1.4	2.1	0.59	0.67	0.484	0.478
Pottery, china and earthenware (361)	0.3	0.5	1.35	1.75	0.693	0.681
Glass (362)	0.6	1.0	1.33	2.03	0.667	0.662
Other non-metallic mineral products (369)	1.9	2.5	0.62	0.81	0.555	0.550
Iron and steel (371)	0.6	2.5	0.44	1.50	0.470	0.472
Non-ferrous metals (372)	9.7	10.7	3.21	4.49	0.423	0.357
Metal products, excluding machinery (381)	3.2	3.7	0.69	0.75	0.466	0.480
Non-electrical machinery (382)	1.5	3.5	0.89	1.45	0.546	0.545
Electrical machinery (383)	2.0	4.3	0.56	0.61	0.506	0.496
Transport equipment (384)	2.6	3.2	0.78	0.91	0.378	0.342
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.3	0.35	0.25	0.473	0.480

_{a/} Relative to all small countries with modest resources.

PERU

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.42	1.30	1.32
Beverages (313)	2.40*	2.44*	2.12
Tobacco (314)	1.14	0.89	1.06
Textiles (321)	1.35	1.42	0.73
Wearing apparel (322)	0.86	0.92	1.19
Leather and fur products (323)	1.16	1.38	1.51
Footwear (324)	1.61	2.08	1.90
Wood and cork products (331)	0.74	0.95	1.07
Furniture and fixtures excluding metal (332)	0.71	1.00	1.17
Paper (341)	1.42	1.28	1.64
Printing and publishing (342)	1.01	0.94	0.85
Industrial chemicals (351)	1.19	1.14	1.34
Other chemicals (352)	1.69	1.02	0.71
Petroleum refineries (353)	1.37	0.72	1.59
Miscellaneous products of petroleum and coal (354)	0.12*	0.09*	0.41
Rubber products (355)	1.06	0.78	0.43
Plastic products (356)	1.68	1.30	0.84
Pottery, china and earthenware (361)	1.05	1.46	b/
Glass (362)	1.48	1.54	2.66
Other non-metallic mineral products (369)	0.73	0.79	0.85
Iron and steel (371)	0.61	0.65	0.93
Non-ferrous metals (372)	8.56*	12.81*	11.36*
Metal products, excluding machinery (381)	0.83	0.86	0.67
Non-electrical machinery (382)	0.93	1.11	1.69
Electrical machinery (383)	0.93	0.81	0.46
Transport equipment (384)	1.03	0.84	0.98
Professional and scientific equipment, photographic and optical goods (385)	0.61	0.77	0.92
Other manufactures (390)	0.60	0.88	0.93
Total manufacturing (300)	1.45	1.80*	1.16

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg) a/
- | Milk and cream, condensed (201;g) a/
- | Butter (207;g) a/
- | Cheese (210;g) a/
- | Fish, tinned (407;g)
- | Bread, ships' biscuits, etc. (704;kg) b/
- | Raw sugar (801;kg) a/
- | Refined sugar (804;kg) b/

Vegetable oils (311)

- | Oil, soya bean (510 and 513;kg) c/ d/
- | Oil, cotton seed (516 and 519;kg) c/ a/

Textiles (321)

- | Knitted fabrics (301;g) b/

Pulp and paper (341)

- | Pulp of fibres other than wood (104;kg) f/ g/ a/
- | Other printing and writing paper (122;kg) a/

Industrial chemicals (351)

- | Methanol (methyl alcohol) (121;g) a/
- | Sulphuric acid (147;kg)
- | Nitric acid (149;kg) a/
- | Caustic soda (159;kg) a/
- | Calcium carbide (173;kg) h/
- | Dyestuffs, synthetic (174;g) h/
- | Nitrogenous fertilizers (201;kg) a/
- | Phosphatic fertilizers (204 and 207;kg) a/
- | Potassic fertilizers (210;kg) i/ a/
- | Insecticides, fungic., disinfect., etc. (216;g) h/

Petroleum refineries (352)

- | Distillate fuel oils (019;kg) a/

Iron & steel (371)

- | Other ferro-alloys (013;kg) a/
- | Angles, shapes, sections, 20 mm or more (036;kg) a/
- | Plates (heavy), over 4.75 mm (040;kg) a/
- | Tubes, seamless (076;kg) a/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
7.5	5.3	92.6	94.2	7.4	5.8	0.244	0.186
6497.0	4483.0	99.0	129.2	1.0	0.5	1.687	1.409
1286.0	1124.0	31.4	32.6	68.6	67.4	0.320	0.292
2642.0	2386.0	98.8	99.9	1.2	0.1	0.414	0.303
3167.0	...	116.2	...	0.1	...	1.076	...
4.2	...	100.0	...	0.0	...	0.183	...
30.1	28.5	203.4	193.3	0.0	0.0	0.756	0.663
19.0	...	100.1	...	0.0	...	0.471	...
2.6	...	24.1	...	75.9	...	0.193	...
2.9	...	90.1	...	9.9	...	1.074	...
40.0	...	99.9	...	0.1	...	0.026	...
4.3	6.0	100.0	100.5	0.0	0.0	2.048	3.333
2.0	2.5	107.3	101.3	8.6	0.8	0.063	0.061
84.0	119.0	0.0	0.0	100.0	100.0	0.010	0.007
3.4	...	100.2	...	0.0	...	0.037	...
2.4	...	100.0	...	0.0	...	0.089	...
2.5	...	96.7	...	3.3	...	0.087	...
0.4	...	116.4	...	0.7	...	0.061	...
115.0	...	4.6	...	95.6	...	0.213	...
7.5	12.8	15.5	27.3	84.6	72.7	0.341	0.469
0.4	0.9	84.8	14.3	15.3	85.7	0.029	0.066
0.7	2.0	10.7	0.0	89.3	100.0	0.037	0.098
977.0	...	81.6	...	18.8	...	0.462	...
84.6	84.6	80.1	74.1	25.5	25.9	0.152	0.136
-	-	0.0	0.0	100.0	100.0	0.000	0.000
0.5	0.4	0.0	0.0	100.0	100.0	0.018	0.016
0.2	0.4	0.0	0.0	100.0	100.0	0.005	0.010
0.3	2.0	0.0	0.0	100.0	100.0	0.026	0.179

PERU

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
	As a percentage of apparent consumption		1970-1972		1976-1978		1970-1972	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g) a/	509.0	63.0	509.2	16650.6	0.0	0.1	0.060	0.007
Aluminium, unwrought (022;g) a/	300.0	326.0	0.0	0.0	100.0	100.6	0.020	0.017
Lead, refined, unwrought (037;g)	429.0	...	1262.8	...	0.0	...	0.094	...
Zinc, unwrought (043;g)	750.0	...	639.9	...	0.1	...	0.135	...

- a/ For second period: 1977 only.
b/ For first period: 1971 and 1972.
c/ Estimates.
d/ For first period: 1972 only.
e/ For first period: 1970 and 1972.
f/ Trade data for 1970 refer only to trade with OECD countries.
g/ For first period: 1970 only.
h/ For first period: 1971 only.
i/ For first period: 1970 and 1971.

PERU

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1971 AND 1977
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1977
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	87.6	4.3	-33.1	41.2	21.7
Chemicals (5)	52.2	-6.2	-3.6	62.6	31.8
Manufactured goods classified chiefly by material (6)	83.6	5.1	-25.1	38.4	20.5
Machinery and transport equipment (7)	5.4	-0.5	0.6	94.5	84.3
Miscellaneous manufactured articles (8)	44.7	-0.3	14.3	41.3	33.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	33.5	3.5	0.1	62.9	39.7
Wood and cork manufactures, excluding furniture (63)	77.1	-27.6	-11.5	62.0	24.2
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	2.8	-1.5	1.0	97.7	90.3
Non-metallic mineral manufactures, n.e.s. (66)	84.6	33.1	11.5	-29.2	25.0
Iron and steel (67)	40.0	20.3	-3.0	42.7	31.7
Non-ferrous metals (68)	71.3	5.9	-8.7	31.5	13.4
Manufactures of metal, n.e.s. (69)	19.5	-3.9	-1.5	85.9	52.9
Machinery, other than electric (71)	16.2	-2.3	1.5	85.6	53.8
Electrical machinery, apparatus and appliances (72)	39.6	-3.6	0.6	63.2	38.6
Transport equipment (73)	0.3	0.1	-0.0	99.6	192.5
Clothing and footwear (84, 85)	62.7	13.0	24.0	10.3	31.3

PHILIPPINES

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
Food products (311/2)	28.8	30.1	3.15	3.37	0.789	0.141
Beverages (313)	3.5	5.0	1.75	2.33	0.594	0.467
Tobacco (314)	3.9	2.8	3.93	2.89	0.486	0.210
Textiles (321)	5.8	5.5	1.08	1.19	0.758	0.141
Wearing apparel (322)	2.5	3.5	0.90	1.34	0.479 b/	0.435
Leather and fur products (323)	0.3	0.2	0.70	0.37	0.333	0.181
Footwear (324)	0.0	0.1	0.05	0.09	0.359 b/	0.363
Wood and cork products (331)	4.4	3.3	2.06	1.78	0.385	0.290
Furniture and fixtures excluding metal (332)	0.2	0.3	0.12	0.20	0.482	0.324
Paper (341)	4.6	3.6	1.27	1.07	0.365	0.254
Printing and publishing (342)	0.7	1.6	0.15	0.40	0.521	0.293
Industrial chemicals (351)	2.7	3.5	0.57	0.62	0.318 b/	0.174
Other chemicals (352)	6.1	8.0	1.53	1.71	0.409 b/	0.253
Petroleum refineries (353)	9.0	9.0 e/	4.00	3.95 e/	0.341	0.175 d/
Miscellaneous products of petroleum and coal (354)	0.4	0.2	1.22	0.55	0.208	0.254
Rubber products (355)	2.2	1.5	1.45	1.02	0.480	0.289
Plastic products (356)	1.4	2.6 e/	0.86	1.19 e/	0.352	0.227
Pottery, china and earthenware (361)	0.3	0.2	0.54	0.39	0.714	0.229
Glass (362)	1.6	1.1	1.73	1.09	0.556	0.294
Other non-metallic mineral products (369)	3.2	2.2	1.04	0.73	0.499	0.186
Iron and steel (371)	3.7	4.7 e/	0.55	0.82 e/	0.253	0.171
Non-ferrous metals (372)	1.7	1.0 e/	0.95	0.62 e/	0.425	0.265
Metal products, excluding machinery (381)	2.6	2.2	0.37	0.32	0.315	0.204
Non-electrical machinery (382)	1.2	0.8	0.11	0.07	0.518	0.302
Electrical machinery (383)	3.3	1.9	0.42	0.21	0.437	0.240
Transport equipment (384)	4.0	4.2	0.41	0.41	0.344	0.178
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.2 e/	0.04	0.09 e/	0.500	0.351

g/ Relative to all large countries.

b/ 1972.

c/ Estimated.

d/ 1975.

PHILIPPINES

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.92	1.85	2.16**
Beverages (313)	1.36	1.40	1.39
Tobacco (314)	1.51	1.27	1.09
Textiles (321)	0.43*	0.44	0.54*
Wearing apparel (322)	1.38	1.78	1.17
Leather and fur products (323)	0.30*	0.38*	0.31*
Footwear (324)	0.05***	0.07**	0.08**
Wood and cork products (331)	2.00	2.43	1.74
Furniture and fixtures excluding metal (332)	0.45*	0.62	0.45*
Paper (341)	2.33	1.98	2.31*
Printing and publishing (342)	1.03	0.86	0.91
Industrial chemicals (351)	1.77	1.85	1.48
Other chemicals (352)	2.74*	1.86	1.94*
Petroleum refineries (353)	4.68*	3.76	3.75*
Miscellaneous products of petroleum and coal (354)	0.68	0.63	0.32*
Rubber products (355)	1.57	1.23	1.48
Plastic products (356)	2.32*	1.94	2.67*
Pottery, china and earthenware (361)	0.59	0.76	0.48
Glass (362)	2.25	2.40	1.62
Other non-metallic mineral products (369)	0.85	0.93	0.79
Iron and steel (371)	1.47	1.40	1.69
Non-ferrous metals (372)	1.43	1.65	1.49
Metal products, excluding machinery (381)	0.61	0.62	0.72
Non-electrical machinery (382)	0.53	0.86	0.33**
Electrical machinery (383)	0.88	0.81	1.05
Transport equipment (384)	1.52	1.44	1.10
Professional and scientific equipment, photographic and optical goods (385)	0.47	0.56	0.49
Other manufactures (390)	1.01	1.24	0.94
Total manufacturing (300)	1.50	1.65	1.70*

^{a/} Large countries.

PHILIPPINES

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
FOOD PRODUCTS (31)								
Beef and veal, fresh (101:kg)	2.9	3.2	98.7	92.7	1.3	7.3	0.094	0.094
Milk and cream, condensed (201:g) a/	4204.0	4045.0	79.9	99.6	20.7	1.4	1.091	1.271
Vegetables, tinned or bottled (322:g) b/	217.0	...	97.0	...	3.2	...	0.021	...
Fish, tinned (407:g)	2330.0	1024.0	22.4	35.7	77.7	67.8	1.395	0.592
Margarine, imitation lard, etc. (501:g) c/ d/ g/	610.0	699.0	99.7	100.0	0.3	0.0	0.140	0.111
Flour, wheat (601:kg) a/	10.6	10.6	97.8	97.7	2.3	2.3	0.179	0.184
Meat and groats of all cereals (604:kg) b/	6.8	...	96.9	...	1.2	...	0.364	...
Bread, ships' biscuits, etc. (704:kg) d/	0.3	...	99.9	...	0.1	...	0.011	...
Raw sugar (801:kg)	20.7	20.6	259.4	273.6	0.0	0.0	0.520	0.479
Refined sugar (804:kg)	8.9	...	103.2	...	0.0	...	0.221	...
Prepared animal feeds (312201:kg) a/	8.8	12.8	99.7	100.3	0.4	0.7	0.063	0.062
Vegetable oils (31)	...	...	401.1	...	...	...	0.307	...
Oils, other, of vegetable origin (534 & 537:kg) b/	3.1	...	...	...	6.2	...	...	...
ISLIMS (32)								
Wool yarn, pure and mixed (103:g)	6.0	9.0	0.0	0.0	100.0	100.0	0.002	0.005
Cotton yarn, pure and mixed (109:g) f/ g/	899.0	...	100.2	...	0.0	...	0.204	...
Cotton woven fabrics (122:g) f/ g/	795.0	...	100.0	...	0.0	...	0.246	...
Knitted fabrics (301:g) a/	195.0	433.0	99.8	99.8	0.2	2.5	0.126	0.184
PULP AND PAPER (33)								
Wood pulp, mechanical (101:kg)	0.8	1.1	66.3	97.9	31.7	2.1	0.037	0.037
Pulp of fibres other than wood (104:kg)	0.6	0.4	103.6	114.3	1.9	0.9	0.286	0.222
Wood pulp, sulphate and soda (110:kg) c/ d/ b/	1.2	4.1	39.5	68.6	60.5	31.4	0.015	0.046
Newsprint (119:kg)	2.5	1.7	50.7	97.7	50.8	2.3	0.097	0.065
Other printing and writing paper (122:kg) f/	1.5	1.2	80.5	77.3	19.5	22.7	0.047	0.029
INDUSTRIAL CHEMICALS (35)								
Sulphuric acid (147:kg) g/	6.2	7.0	101.2	85.2	0.1	14.8	0.067	0.071
Nitric acid (149:kg)	...	...	0.0	0.0	100.0	100.0	0.000	0.000
Ammonia (158:kg)	1.5	4.8	0.0	0.0	100.0	100.0	0.052	0.085
Caustic soda (159:kg) a/	1.2	1.0	67.4	41.0	32.7	59.0	0.042	0.039
Dyestuffs, synthetic (174:g)	70.0	59.0	0.0	0.0	100.0	100.0	0.130	0.107
Nitrogenous fertilizers (201:kg) d/	4.2	6.2	15.8	11.8	84.2	86.2	0.191	0.227
Phosphatic fertilizers (204 and 207:kg) j/	1.3	0.7	82.0	98.1	20.9	1.9	0.096	0.061
Potassic fertilizers (210:kg) a/	1.0	1.0	0.0	0.0	100.0	100.0	0.053	0.049
Rubber, synthetic (301:kg)	295.0	259.0	0.0	0.0	100.0	100.0	0.043	0.034
PETROLEUM PRODUCTS (36)								
Distillate fuel oils (19:kg)	41.7	51.4	120.6	72.3	0.3	29.0	0.075	0.099
Residual fuel oils (22:kg) b/	84.5	94.9	105.7	100.2	0.2	0.6	0.147	0.179

PHILIPPINES

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (321)								
Wire rods (028; kg)	0.1	0.2	0.0	0.0	100.0	100.0	0.003	0.006
Angles, shapes, sections, 80 mm or more (036; kg)	0.1	0.4	0.0	0.0	100.0	100.0	0.004	0.016
Angles, shapes, sections, under 80 mm (037; kg) ^{h/}	...	-	...	0.0	...	100.0	...	0.000
Plates (medium), 3 to 4.75 mm (043; kg) ^{h/}	...	0.2	...	0.0	...	100.0	...	0.017
Tubes, seamless (076; kg) ^{h/}	...	0.4	...	0.0	...	100.0	...	0.036
Tubes, welded (079; kg) ^{g/ d/}	1.5	...	40.1	...	59.9	...	0.062	...
Steel castings in the rough state (085; kg) ^{g/}	...	-	...	0.0	...	100.0	...	0.000
Non-ferrous metals (322)								
Aluminium, unwrought (022; g)	231.0	365.0	0.0	0.0	100.0	100.0	0.015	0.019
Lead, refined, unwrought (037; g)	200.0	136.0	0.0	0.0	100.0	100.0	0.044	0.028
Zinc, unwrought (043; g)	419.0	426.0	0.0	0.0	100.0	100.0	0.076	0.084
Tin, unwrought (049; g)	24.0	12.0	0.0	0.0	100.0	100.0	0.102	0.050

- ^{g/} For second period: 1976 and 1977.
^{h/} For first period: 1970 and 1971.
^{g/} Trade data for 1970 refer only to trade with OECD countries.
^{d/} For first period: 1970 only.
^{g/} For second period: 1977 only.
^{f/} Estimates.
^{g/} For first period: 1971 and 1972.
^{h/} For second period: 1977 and 1978.
^{i/} Production statistics do not provide for complete coverage.
^{j/} For second period: 1976 only.
^{k/} For second period: 1976 and 1978.

PHILIPPINES

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	33.1	-5.8	-1.8	74.5	33.4
Chemicals (5)	36.5	-2.2	-3.6	69.3	35.2
Manufactured goods classified chiefly by material (6)	55.8	-14.1	5.0	53.3	22.4
Machinery and transport equipment (7)	11.6	1.1	-1.7	89.1	74.1
Miscellaneous manufactured articles (8)	9.7	-0.8	-0.7	91.8	57.1
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	12.9	6.7	1.2	79.2	41.6
Rubber manufactures, n.e.s. (62)	55.6	-6.1	-1.4	51.9	22.5
Wood and cork manufactures, excluding furniture (63)	124.0	-39.6	-9.0	24.6	14.6
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	33.8	-5.4	5.3	65.3	29.8
Non-metallic mineral manufactures, n.e.s. (66)	60.1	-13.8	5.2	48.5	37.5
Iron and steel (67)	...	...	...	...	...
Non-ferrous metals (68)	4.6	3.7	1.4	90.7	75.8
Manufactures of metal, n.e.s. (69)	35.4	-24.2	13.5	79.4	64.9
Machinery, other than electric (71)	32.3	2.5	-9.2	74.5	45.9
Electrical machinery, apparatus and appliances (72)	6.5	1.3	0.2	92.0	137.4
Transport equipment (73)	4.3	0.2	1.2	94.3	94.0
Clothing and footwear (84, 85)	3.2	-0.7	-0.2	97.7	108.8

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	3.1	2.5	0.24	0.25
Beverages (313)	2.1	1.9	0.98	1.05
Tobacco (314)	1.6	1.0	3.09	2.58
Textiles (321)	17.3	14.1	2.31	2.28
Wearing apparel (322)	3.0	2.9	0.58	0.69
Leather and fur products (323)	0.7	0.5	0.82	0.83
Footwear (324)	2.1	1.6	1.18	1.21
Wood and cork products (331)	2.9	2.3	1.38	1.42
Furniture and fixtures excluding metal (332)	1.7	2.2	1.27	1.63
Paper (341)	1.5	1.2	1.35	1.16
Printing and publishing (342)	0.7	0.7	0.72	0.78
Industrial chemicals (351)	5.6	5.0	1.10	0.87
Other chemicals (352)	3.4	3.5	3.36	3.31
Petroleum refineries (353)	6.5	7.9	4.93	5.27
Miscellaneous products of petroleum and coal (354)	0.8	0.4	0.90	0.57
Rubber products (355)	1.8	1.0	1.62	1.45
Plastic products (356)	0.6	1.3	0.98	1.62
Pottery, china and earthenware (361)	0.3	0.4	0.41	0.47
Glass (362)	1.0	1.1	1.20	1.14
Other non-metallic mineral products (363)	2.8	2.1	0.55	0.46
Iron and steel (371)	8.0	6.3	1.28	1.26
Non-ferrous metals (372)	1.2	1.4	0.41	0.33
Metal products, excluding machinery (381)	4.3	4.4	1.04	1.08
Non-electrical machinery (382)	9.3	12.1	0.71	0.88
Electrical machinery (383)	5.0	7.5	0.89	0.99
Transport equipment (384)	10.5	11.2	1.35	1.25
Professional and scientific equipment, photographic and optical goods (385)	1.0	1.4	0.41	0.47

^{a/} Relative to all centrally planned economies.

POLAND

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

313

a/ Country not assigned to any group due to lack of appropriate data

BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group a/
0.25*	0.31**	
0.91	0.88	
1.57	1.90	
1.96	1.78*	
1.12	0.82	
1.03	0.63*	
2.47	1.30	
1.44	1.12	
1.42	0.92	
0.49	0.85	
0.27*	0.66	
1.14	0.83	
1.12	2.05*	
6.43*	3.45*	
2.34	2.40	
0.89	1.22	
0.50	0.85	
0.85	0.59	
1.21	1.06	
0.50	0.68*	
1.16	0.96	
0.99	0.73	
0.71	0.81	
1.26	1.02	
0.64	0.79	
1.13	1.32	
0.87	0.59	
0.77	0.59	
2.08*	1.42*	

PORTUGAL

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)	
	1970	1978
Food products (311/2)	8.3	10.3
Beverages (313)	1.4	2.3
Tobacco (314)	0.4	0.4
Textiles (321)	16.4	13.3
Wearing apparel (322)	2.9	2.3
Leather and fur products (323)	2.3	1.5
Footwear (324)	1.7	1.4
Wood and cork products (331)	5.4	4.5
Furniture and fixtures excluding metal (332)	2.1	1.7
Paper (341)	2.5	2.5
Printing and publishing (342)	1.3	1.9 b/
Industrial chemicals (351)	5.9	4.1
Other chemicals (352)	5.9	6.3
Petroleum refineries (353)	0.6	0.7
Miscellaneous products of petroleum and coal (354)	-	-
Rubber products (355)	2.0	1.7
Plastic products (356)	1.4	1.8 b/
Pottery, china and earthenware (361)	1.3	1.6
Glass (362)	1.5	1.8
Other non-metallic mineral products (369)	4.5	5.6
Iron and steel (371)	1.6	2.1
Non-ferrous metals (372)	0.4	0.6
Metal products, excluding machinery (381)	8.6	9.0
Non-electrical machinery (382)	2.7	2.6
Electrical machinery (383)	7.2	7.3
Transport equipment (384)	10.3	10.8
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.3 b/

a/ Relative to all small countries with ample resources and industrial

b/ Estimated.

c/ 1976.

Relative specialization in manufacturing output a/		Ratio of value added to gross output	
1970	1978	1971	1978
0.65	0.78	0.209	0.206
0.56	0.90	0.615	0.515
0.37	0.42	0.510	0.522
3.30	2.98	0.390	0.388
1.05	0.96	0.308	0.355
4.79	3.79	0.297	0.329
2.07	2.58	0.373	0.382
1.36	1.16	0.347	0.370
0.88	0.73	0.393	0.491
0.56	0.59	0.447	0.350
0.23	0.37 b/	0.529	0.498
1.30	0.74	0.358	0.236
1.65	1.51	0.474	0.350
0.42	0.48	0.206	0.012 c/
-	-	-	-
1.70	1.41	0.444	0.431
0.98	0.97 b/	0.410	0.400
2.72	3.76	0.629	0.597
1.72	2.06	0.621	0.513
1.24	1.63	0.483	0.498
0.36	0.52	0.279	0.396
0.24	0.29	0.241	0.332
1.14	1.21	0.447	0.452
0.33	0.32	0.505	0.504
1.06	0.96	0.394	0.428
1.42	1.50	0.406	0.394
0.13	0.26 b/	0.571	0.538

orientation.

PORTUGAL

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

315

g/ Small countries with ample resources and industrial orientation.

BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group g/
0.60	0.81	0.64*
0.54	0.55*	0.80
0.34*	0.36*	0.50*
2.40*	1.59*	1.07
0.78	0.52*	0.82
2.42*	1.52	1.43
1.64	1.01	1.41
2.16	1.92*	1.27
1.08	0.70	0.98
0.98	1.24	0.88
0.62	0.90	0.60*
1.56	1.24	1.18
1.96	2.37*	0.75
0.36	0.37*	0.24*
0.01***	0.01***	0.07**
1.15	0.98	1.07
0.99	1.10	1.04
3.47*	2.39*	1.85
2.46	1.53	1.54
1.37	1.08	1.30
0.47	0.34*	0.71
0.49	0.22**	0.47
1.47	1.18	1.04
0.72	0.62*	0.98
1.26	1.03	0.72
1.96	1.48*	1.71*
0.26*	0.28*	0.71
0.80	0.50	1.00
1.90*	1.02	1.54**

PORTUGAL

INDICATORS OF APPARENT CONSUMPTION

316

Product (ISIC; unit of measurement)

Food products(311)

- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g) g/
- | Fish, tinned(407;g)
- | Margarine, imitation lard, etc.(501;g)
- | Meal and groats of all cereals(604;kg) g/
- | Flour, cereal, other than wheat(607;kg)
- | Bread, ships' biscuits, etc.(704;kg) b/ g/
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oil, soya bean(510 and 513;kg)
- | Oil, cotton seed(516 and 519;kg) g/
- | Oil, groundnut(522 and 525;kg)
- | Oil, olive(528 and 531;kg)
- | Oils, other, of vegetable origin(534 & 537;kg) b/

Textiles(321)

- | Wool yarn, pure and mixed(103;g)
- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g)
- | Woollen woven fabrics(134;g)
- | Knitted fabrics(301;g)

Pulp and paper(341)

- | Pulp of fibres other than wood(104;kg)
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;g) g/
- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Chlorine(145;kg) g/
- | Sulphuric acid(147;kg)
- | Nitric acid(149;kg)
- | Caustic soda(159;kg)
- | Calcium carbide(172;kg)
- | Nitrogenous fertilizers(201;kg)
- | Phosphatic fertilizers(204 and 207;kg) g/
- | Potassic fertilizers(210;kg) g/
- | Insecticides, fungic., disinfect., etc.(216;g) b/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
114.0	271.0	80.7	87.9	38.1	12.3	0.030	0.085
512.0	1593.0	133.4	72.7	4.3	28.7	0.127	0.345
693.0	855.0	68.4	62.8	32.2	32.6	0.173	0.222
2737.0	3056.0	100.9	96.3	4.2	7.2	0.428	0.388
516.0	449.0	1035.4	1000.4	6.0	2.3	0.308	0.259
2956.0	4352.0	108.7	101.9	0.2	0.0	0.509	0.690
8.8	9.0	100.4	100.9	0.0	0.0	0.471	1.552
9.1	4.2	98.7	100.3	1.5	0.0	1.264	0.737
68.4	63.3	100.0	100.0	0.0	0.0	2.496	2.237
29.7	27.7	87.2	110.0	12.8	0.0	0.737	0.677
115.5	261.4	98.4	99.2	1.7	0.8	0.822	1.275
...	4.1	...	102.2	...	0.0	...	0.207
0.5	...	49.0	...	51.0	...	0.185	...
3.4	...	79.5	...	21.2	...	2.000	...
8.5	4.3	96.4	100.1	18.5	5.0	0.616	0.309
7.3	10.1	69.9	62.2	34.7	22.4	0.723	1.247
1881.0	1404.0	98.7	97.0	1.4	3.2	0.712	0.734
7779.0	9453.0	130.9	113.9	0.0	0.0	1.768	2.189
5116.0	5023.0	109.0	107.8	0.1	0.0	1.581	1.637
625.0	787.0	110.2	101.3	4.7	2.0	0.504	0.669
2090.0	2807.0	100.4	100.6	2.6	1.5	1.348	1.192
2.4	3.5	87.0	96.7	13.0	3.3	1.143	1.944
8.0	18.1	553.1	228.2	1.1	16.9	0.101	0.203
4.5	2.6	2.6	4.0	98.1	102.3	0.174	0.100
5.0	6.2	98.5	122.6	4.0	2.8	0.157	0.152
0.9	3.8	91.4	98.6	8.8	1.4	0.034	0.119
44.0	45.5	107.8	79.8	0.5	20.3	0.473	0.462
24.8	24.1	100.0	100.0	0.0	0.0	0.915	0.768
3.2	5.1	105.5	86.8	0.3	13.7	0.12	0.165
2.1	2.6	112.3	118.8	0.0	0.0	0.118	0.839
5.6	7.5	259.8	291.4	15.5	13.9	0.255	0.275
4.9	1.3	155.7	708.9	13.0	30.7	0.360	0.095
1.7	7.1	0.0	2.2	100.0	101.0	0.091	0.346
2404.0	3834.0	94.5	94.6	6.3	5.9	1.136	1.928

PORTUGAL

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Petroleum refineries (353)</u>								
Distillate fuel oils (015; kg)	115.1	139.8	85.0	89.7	24.6	13.6	0.207	0.225
Residual fuel oils (022; kg)	196.1	268.7	99.4	96.5	14.1	7.7	0.342	0.507
<u>Iron & steel (371)</u>								
Wire rods (028; kg)	8.0	10.7	89.5	76.1	15.6	25.1	0.243	0.347
Angles, shapes, sections, 80 mm or more (036; kg)	4.3	5.6	45.7	38.9	55.1	63.0	0.162	0.223
Angles, shapes, sections, under 80 mm (037; kg)	31.0	35.2	96.8	97.0	3.4	3.1	0.462	0.541
Plates (medium), 3 to 4.75 mm (043; kg)	6.2	...	1.9	...	105.2	...	0.464	...
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004; g)	1208.0	1748.0	36.7	18.1	65.9	82.8	0.142	0.207
Aluminium, unwrought (022; g)	261.0	1436.0	17.5	1.4	82.5	99.4	0.017	0.076
Lead, refined, unwrought (037; g)	1334.0	1503.0	10.4	3.2	91.6	98.0	0.291	0.308
Tin, unwrought (049; g)	81.0	98.0	75.0	50.6	30.3	49.8	0.343	0.407

- a/ For second period: 1976 and 1977.
- b/ For first period: 1971 and 1972.
- c/ Estimates.
- d/ For second period: 1976 only.
- e/ For second period: 1977 and 1978.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	200.2	12.2	-3.0	-109.4	14.1
Chemicals (5)	...	...	...	...	...
Manufactured goods classified chiefly by material (6)	...	...	...	...	...
Machinery and transport equipment (7)	131.3	20.8	7.3	-59.3	19.5
Miscellaneous manufactured articles (8)	141.4	7.2	-1.4	-47.2	18.7
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	46.5	9.8	3.9	39.7	31.2
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	132.6	1.2	-20.6	-13.2	16.2
Paper, paperboard and manufactures thereof (64)	47.0	-0.7	3.4	50.3	20.4
Textile yarn, fabrics, made-up articles and related products (65)	186.8	-4.1	14.7	-97.3	12.1
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	57.8	5.5	7.5	29.3	21.4
Non-ferrous metals (68) g/	123.4	16.2	-5.8	-33.8	15.9
Manufactures of metal, n.e.s. (69)	...	...	...	...	...
Machinery, other than electric (71)	191.2	33.5	-6.6	-118.2	16.0
Electrical machinery, apparatus and appliances (72)	180.9	26.0	0.3	-107.3	17.2
Transport equipment (73)	58.2	7.6	4.1	30.1	32.1
Clothing and footwear (84, 85)	135.4	5.8	1.1	-42.3	18.2

g/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.

REPUBLIC OF KOREA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
	Food products (311/2)	8.8	7.4	0.96	0.82	0.323	0.337
Beverages (313)	7.6	5.8	3.76	2.73	0.557	0.615
Tobacco (314)	11.4	5.8	11.46	6.10	0.716	0.655
Textiles (321)	14.0	13.6	2.62	2.92	0.395	0.404
Wearing apparel (322)	1.4	4.2	0.52	1.63	0.326	0.360
Leather and fur products (323)	0.1	1.5	0.14	3.57	0.393	0.327
Footwear (324)	0.2	0.5	0.24	0.88	0.444	0.381
Wood and cork products (331)	3.4	2.1	1.59	1.14	0.259	0.307
Furniture and fixtures excluding metal (332)	0.5	0.3	0.30	0.18	0.465	0.518
Paper (341)	1.8	1.8	0.51	0.53	0.335	0.366
Printing and publishing (342)	3.5	1.5	0.78	0.39	0.539	0.580
Industrial chemicals (351)	6.6	5.3	1.42	0.94	0.475	0.391
Other chemicals (352)	5.1	5.3	1.27	1.13	0.491	0.518
Petroleum refineries (353)	10.8	5.3	4.78	2.33	0.460	0.177
Miscellaneous products of petroleum and coal (354)	1.2	0.8	3.78	2.52	0.221	0.198
Rubber products (355)	2.4	2.6	1.59	1.74	0.363	0.396
Plastic products (356)	1.2	1.5	0.72	0.88	0.354	0.371
Pottery, china and earthenware (361)	0.5	0.2	0.96	0.36	0.542	0.695
Glass (362)	1.4	0.9	1.53	0.87	0.589	0.572
Other non-metallic mineral products (369)	5.6	3.8	1.84	1.28	0.463	0.471
Iron and steel (371)	2.2	4.5	0.32	0.79	0.287	0.330
Non-ferrous metals (372)	0.7	1.1	0.41	0.66	0.252	0.330
Metal products, excluding machinery (381)	1.3	3.3	0.18	0.50	0.397	0.441
Non-electrical machinery (382)	1.7	2.9	0.15	0.27	0.451	0.450
Electrical machinery (383)	2.3	11.1	0.29	1.23	0.798	0.382
Transport equipment (384)	1.6	4.6	0.17	0.44	0.373	0.341
Professional and scientific equipment, photographic and optical goods (385)	0.5	1.1	0.24	0.51	0.412	0.422

^{a/} Relative to all large countries.

REPUBLIC OF KOREA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

320

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

a/ Large countries.

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group g/
0.57	0.55	0.62*
2.36*	2.43*	2.07
4.84*	3.82*	3.61*
1.45	1.47	1.68*
1.58	1.90	1.28
1.56	1.99	1.48
0.37*	0.54	0.57
1.58	2.02	1.48
0.35*	0.49	0.37*
1.19	1.04	1.16
1.38	1.23	1.26
2.48	2.47	2.23
1.64	1.02	1.26
4.48*	2.87	3.42*
3.36	2.79	1.88
2.15	1.54	1.96*
1.20	0.95	1.28
0.67	0.87	0.60
2.03	2.03	1.38
1.62	1.77	1.50
1.13	1.06	0.88
0.86	1.07	0.85
0.32*	0.53	0.57*
1.00	1.11	0.76
1.88	1.63	2.27*
0.94	0.70	0.63
1.92	2.47	2.16
1.53	2.04	1.57
1.41	1.65	1.49

Product (ISIC; unit of measurement)

Food products(311)

| Beef and veal, fresh (101;kg)
 | Milk and cream, condensed(201;g)
 | Milk and cream, dried(204;g) a/
 | Butter(207;g) a/
 | Vegetables, tinned or bottled(322;g) b/
 | Fish, tinned(407;g)
 | Margarine, imitation lard, etc.(501;g) c/
 | Flour, wheat(601;kg)
 | Bread, ships' biscuits, etc.(704;kg) a/
 | Refined sugar(804;kg) c/
 | Prepared animal feeds(312201;kg)

Textiles(321)

| Wool yarn, pure and mixed (103;g)
 | Cotton yarn, pure and mixed(109;g)
 | Cotton woven fabrics(128;g) d/
 | Woollen woven fabrics(134;g) d/

Pulp and paper(341)

| Wood pulp, mechanical(101;kg)
 | Pulp of fibres other than wood(104;kg)
 | Wood pulp, sulphate and soda(110;kg) c/
 | Newsprint(115;kg)
 | Other printing and writing paper(122;kg)

Industrial chemicals(351)

| Methanol (methyl alcohol)(121;g) b/
 | Sulphuric acid(147;kg)
 | Nitric acid(149;kg) b/
 | Ammonia(158;kg)
 | Caustic soda(159;kg)
 | Calcium carbide(173;kg) c/
 | Dyestuffs, synthetic(174;g)
 | Nitrogenous fertilizers(201;kg)
 | Phosphatic fertilizers(204 and 207;kg) f/ c/
 | Potassic fertilizers(210;kg) c/
 | Insecticides, fungic., disinfect., etc.(216;g) a/
 | Rubber, synthetic(201;g)

Petroleum refineries(352)

| Distillate fuel oils(019;kg)
 | Residual fuel oils(022;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
1.2	2.9	98.8	76.9	1.3	23.3	0.039	0.085
68.0	100.0	66.2	50.6	33.8	49.6	0.018	0.031
8591.0	337.0	1.7	98.0	98.3	2.0	2.136	0.073
1.0	7.0	65.7	96.3	34.3	3.7	0.000	0.002
780.0	...	122.8	...	0.4	...	0.076	...
271.0	73.0	102.4	592.9	0.9	1.1	0.162	0.042
420.0	974.0	99.7	99.8	0.3	0.2	0.072	0.154
38.6	36.6	93.7	98.2	6.3	1.8	0.653	0.635
1.3	1.8	99.8	102.4	0.2	0.0	0.047	0.064
6.7	7.6	102.1	128.5	0.1	0.0	0.166	0.186
25.2	53.2	77.7	99.9	22.3	0.1	0.179	0.260
225.0	567.0	105.8	108.8	1.0	1.4	0.085	0.296
2966.0	6184.0	105.0	123.2	0.1	0.4	0.674	1.432
388.0	746.0	239.1	150.2	1.2	1.1	0.120	0.244
164.0	489.0	92.9	104.7	19.7	7.3	0.132	0.410
2.7	3.0	90.2	94.4	9.8	5.6	0.126	0.101
0.3	0.3	43.1	56.7	56.9	43.9	0.143	0.167
6.3	7.5	2.5	2.8	97.5	97.2	0.080	0.084
3.7	5.3	93.1	102.9	7.0	0.0	0.143	0.203
0.2	...	108.2	...	4.7	...	0.006	...
1280.0	1791.0	70.9	268.5	29.5	0.1	0.153	0.112
12.3	29.6	101.1	100.0	0.1	0.0	0.132	0.301
0.2	...	15.6	...	84.4	...	0.007	...
16.2	25.1	99.5	99.8	0.5	0.3	0.562	0.443
1.2	3.4	76.1	59.2	23.9	40.8	0.042	0.111
1.8	1.7	100.2	99.8	0.1	0.6	0.273	0.548
143.0	258.0	52.4	49.0	53.7	66.8	0.245	0.469
7.6	1.1	138.2	1137.2	3.8	35.6	0.318	0.040
5.9	4.6	98.5	102.3	1.5	0.7	0.434	0.338
2.1	4.3	0.0	0.0	106.0	100.0	0.112	0.210
535.0	6247.0	99.9	99.3	3.4	0.9	0.253	2.135
...	2466.0	...	52.9	...	47.1	...	0.322
53.4	110.5	107.1	104.7	0.1	1.1	0.096	0.178
204.5	332.0	100.9	97.3	0.0	3.1	0.357	0.627

REPUBLIC OF KOREA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production + Imports				Per capita apparent consumption as a ratio to the OECD (average weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Iron & steel (321)								
Wire rods (028; kg)	3.3	12.3	75.6	55.2	25.5	50.5	0.100	0.399
Plates (heavy), over 4.75 mm (040; kg)	15.6	13.3	100.9	84.6	4.7	32.7	0.361	0.465
Tubes, seamless (076; kg)	4.0	19.7	94.3	100.0	9.8	4.0	0.345	1.759
Tubes, welded (079; kg)	1.1	...	89.5	...	52.8	...	0.045	...
Steel castings in the rough state (085; kg)	1.1	3.1	100.3	103.8	0.0	0.1	0.190	0.608
Steel forgings (088; kg) ^{a/}	0.1	1.0	97.5	97.5	5.9	2.8	0.016	0.182
Non-ferrous metals (322)								
Copper, refined, unwrought (004; g)	334.0	1492.0	65.5	78.4	34.5	21.6	0.039	0.176
Aluminium, unwrought (022; g)	375.0	2204.0	137.6	23.7	16.1	76.6	0.025	0.117
Lead, refined, unwrought (037; g)	178.0	550.0	59.9	36.6	44.1	66.7	0.039	0.113
Zinc, unwrought (043; g)	437.0	1388.0	52.9	79.6	51.1	25.7	0.079	0.274
Tin, unwrought (049; g)	16.0	64.0	0.0	0.0	100.0	100.0	0.055	0.255

- ^{a/} For second period: 1976 only.
^{b/} For first period: 1971 and 1972.
^{c/} For second period: 1976 and 1977.
^{d/} Estimates.
^{e/} For first period: 1970 and 1972.
^{f/} For first period: 1972 only.

REPUBLIC OF KOREA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	23.5	-1.0	-2.0	79.5	43.0
Chemicals (5)	22.0	0.6	-0.5	77.9	53.1
Manufactured goods classified chiefly by material (6)	21.9	-1.7	-1.5	61.3	42.9
Machinery and transport equipment (7)	11.8	-1.9	0.9	89.2	50.0
Miscellaneous manufactured articles (8)	29.5	0.0	-2.3	72.8	37.6
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	10.9	13.2	2.2	73.6	73.0
Rubber manufactures, n.e.s. (62)	7.8	1.7	0.1	90.4	47.2
Wood and cork manufactures, excluding furniture (63)	87.8	-29.1	-12.6	53.9	22.0
Paper, paperboard and manufactures thereof (64)	4.6	-0.3	0.8	94.9	58.2
Textile yarn, fabrics, made-up articles and related products (65)	16.7	1.9	0.6	80.8	43.6
Non-metallic mineral manufactures, n.e.s. (66)	14.8	3.5	0.8	81.0	59.9
Iron and steel (67)	18.2	-0.7	-2.3	84.8	40.1
Non-ferrous metals (68)	25.9	13.0	13.4	47.7	27.9
Manufactures of metal, n.e.s. (69)	7.3	-0.7	-1.6	95.1	46.9
Machinery, other than electric (71)	21.2	-3.7	-2.4	85.0	49.5
Electrical machinery, apparatus and appliances (72)	19.6	-2.3	-0.1	82.8	52.0
Transport equipment (73)	3.1	-1.1	-0.1	98.0	45.2
Clothing and footwear (84, 85)	29.3	2.9	0.4	67.4	16.5

ROMANIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	18.4 ^{b/}	12.3 ^{b/}	1.26 ^{b/}	1.09 ^{b/}
Beverages (313)	...	...	...	...
Tobacco (314)	...	...	...	...
Textiles (321)	7.6	7.3	1.02	1.18
Wearing apparel (322)	4.6	5.0	0.90	1.18
Leather and fur products (323)	1.2	1.1	1.54	1.73
Footwear (324)	1.2	0.7	0.68	0.53
Wood and cork products (331)	5.6 ^{c/}	4.0 ^{c/}	1.36 ^{c/}	1.01 ^{c/}
Furniture and fixtures excluding metal (332)	...	...	...	...
Paper (341)	1.6	1.2	1.39	1.20
Printing and publishing (342)	0.4	0.2	0.36	0.20
Industrial chemicals (351)	10.9	12.6	2.16	2.18
Other chemicals (352)	0.2	0.2	0.24	0.21
Petroleum refineries (353)	2.4	1.4	1.79	0.95
Miscellaneous products of petroleum and coal (354)	0.3	0.3	0.34	0.48
Rubber products (355)	0.5	0.3 ^{d/}	0.42	0.31 ^{d/}
Plastic products (356)	0.4 ^{d/}	0.4 ^{d/}	0.56 ^{d/}	0.48 ^{d/}
Pottery, china and earthenware (361)	0.3	0.3	0.37	0.34
Glass (362)	0.3	0.3	0.34	0.29
Other non-metallic mineral products (369)	3.9	3.7	0.75	0.83
Iron and steel (371)	9.1	8.4	1.45	1.69
Non-ferrous metals (372)	3.3	2.4 ^{d/}	1.15	0.90 ^{d/}
Metal products, excluding machinery (381)	4.1	4.5	0.99	1.09
Non-electrical machinery (382)	17.6 ^{e/}	24.1 ^{e/}	0.90 ^{e/}	1.08 ^{e/}
Electrical machinery (383)	4.5	6.9	0.80	0.91
Transport equipment (384)	...	...	...	...
Professional and scientific equipment, photographic and optical goods (385)	...	...	...	...

^{a/} Relative to all centrally planned economies.

^{b/} Excluding ISIC 313 and 314.

^{c/} Including ISIC 332.

^{d/} Estimated.

^{e/} Including ISIC 384.

ROMANIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

325

g/ Country not assigned to any group due to lack of appropriate data

BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group $\frac{a}{b}$
...	...	
...	...	
...	...	
1.00	0.75	
1.81	1.17	
1.99	1.05	
1.22	0.56*	
...	...	
...	...	
0.59	1.08	
0.11***	0.29**	
3.25*	2.16*	
0.08***	0.14***	
1.65	0.86	
1.32	1.51	
0.24*	0.27**	
0.20**	0.35**	
0.81	0.50*	
0.44	0.31**	
1.26	1.00	
1.85	1.31	
2.96	1.50	
0.81	0.82	
...	...	
0.77	0.81	
...	...	
...	...	
1.33	0.89	
...	...	
2.46*	1.38*	

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	40.9	29.6	1.58	1.73
Beverages (313)	2.4	4.8	0.49	0.86
Tobacco (314)	5.3	6.7	1.71	2.02
Textiles (321)	15.3	12.8	1.15	1.11
Wearing apparel (322)	2.1	1.7	0.41	0.22
Leather and fur products (323)	1.5	0.5	2.04	0.71
Footwear (324)	2.1	1.7	1.30	1.36
Wood and cork products (331)	0.1 ^{b/}	3.9 ^{b/}	1.36 ^{b/}	1.24 ^{b/}
Furniture and fixtures excluding metal (332)	...	...	...	...
Paper (341)	1.8	1.4	0.84	0.63
Printing and publishing (342)	3.0	2.3	1.02	0.90
Industrial chemicals (351)	3.8	4.1	1.87	1.59
Other chemicals (352)	1.9	4.0	0.60	0.98
Petroleum refineries (353)	6.2	7.7	1.93	2.06
Miscellaneous products of petroleum and coal (354)	-	-	-	-
Rubber products (355)	...	...	...	...
Plastic products (356)	...	...	...	...
Pottery, china and earthenware (361)	-	-	-	-
Glass (362)	-	-	-	-
Other non-metallic mineral products (369)	2.9	4.0	0.96	1.28
Iron and steel (371)	...	...	...	...
Non-ferrous metals (372)	...	...	...	...
Metal products, excluding machinery (381)	5.8 ^{g/}	14.7 ^{g/}	0.42 ^{g/}	0.80 ^{g/}
Non-electrical machinery (382)	...	...	...	...
Electrical machinery (383)	...	...	...	...
Transport equipment (384)	...	...	...	...
Professional and scientific equipment, photographic and optical goods (385)	...	...	...	...

^{a/} Relative to all small countries with modest resources.

^{b/} Including ISIC 332.

^{g/} Including ISIC 382, 383 and 384.

SENEGAL

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

327

a/ Small countries with modest resources.

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group a/
1.68	1.58	1.58
0.56	0.55	0.56
1.40	1.49	1.51
1.65	1.84	1.59
0.51	0.50	0.53
1.30	1.34	1.34
1.19	1.20	1.03
...
...
0.93	0.91	0.85
1.13	1.06	1.04
3.05*	3.20*	2.93
0.78	0.86	0.77
1.63	1.86	1.96
-	-	-
...
...
-	-	-
-	-	-
0.87	0.89	0.89
...
...
...
...
...
...
...
...
...
1.17	1.26	1.11

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group <u>a/</u>
Food products (311/2)	0.37*	0.31*	0.30*
Beverages (313)	0.36*	0.35*	0.59
Tobacco (314)	0.69	0.56	0.69
Textiles (321)	0.70	0.81	0.62
Wearing apparel (322)	0.64	0.53	0.59
Leather and fur products (323)	0.23*	0.25*	0.27*
Footwear (324)	0.33*	0.34*	0.45
Wood and cork products (331)	0.87	1.05	0.94
Furniture and fixtures excluding metal (332)	0.32*	0.40*	0.33*
Paper (341)	0.37*	0.36*	0.66
Printing and publishing (342)	1.36	1.37	1.67
Industrial chemicals (351)	0.41	0.37	0.57
Other chemicals (352)	1.17	0.73	0.86
Petroleum refineries (353)	2.91	1.21	1.75
Miscellaneous products of petroleum and coal (354)	...	...	...
Rubber products (355)	1.64	1.47	1.97
Plastic products (356)	0.60	0.47	0.41
Pottery, china and earthenware (361)	0.16*	0.24*	<u>b/</u>
Glass (362)	0.80	0.97	0.93
Other non-metallic mineral products (369)	0.88	0.94	1.33
Iron and steel (371)	0.69	1.01	1.41
Non-ferrous metals (372)	0.65	1.49	1.82
Metal products, excluding machinery (381)	1.13	1.24	1.47
Non-electrical machinery (382)	1.99	2.72	3.75*
Electrical machinery (383)	4.34*	3.97*	2.47
Transport equipment (384)	4.02*	3.25*	3.85
Professional and scientific equipment, photographic and optical goods (385)	4.02*	4.76*	2.47
Other manufactures (390)	0.86	1.47	1.41
Total manufacturing (300)	1.61	2.19*	1.46

a/ Small countries with modest resources.

b/ Corresponding group average pattern could not be identified.

SINGAPORE

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	40.2	-0.0	0.2	59.7	34.6
Chemicals (5)	54.1	-1.3	-0.9	48.1	31.7
Manufactured goods classified chiefly by material (6)	55.2	-0.5	0.8	44.5	29.0
Machinery and transport equipment (7)	31.6	0.7	1.0	65.7	40.1
Miscellaneous manufactured articles (8)	49.3	-2.1	-2.4	55.3	32.4
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	109.1	40.5	0.2	-49.8	19.5
Wood and cork manufactures, excluding furniture (63)	53.0	25.8	-7.4	28.7	30.4
Paper, paperboard and manufactures thereof (64)	75.0	-18.3	8.0	35.2	22.1
Textile yarn, fabrics, made-up articles and related products (65)	67.0	-14.9	3.4	44.5	22.2
Non-metallic mineral manufactures, n.e.s. (66)	95.4	-5.3	-6.4	16.3	24.2
Iron and steel (67)	33.4	1.1	1.8	63.8	38.8
Non-ferrous metals (68)	12.1	8.4	4.8	74.7	55.1
Manufactures of metal, n.e.s. (69)	75.2	-23.1	-0.3	48.3	25.4
Machinery, other than electric (71)	49.7	1.7	-0.6	49.2	32.1
Electrical machinery, apparatus and appliances (72)	24.1	0.7	-0.2	75.5	49.7
Transport equipment (73)	46.2	2.3	0.1	51.3	30.1
Clothing and footwear (84, 85)	57.9	-10.0	0.4	51.2	32.6

SOUTH AFRICA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	10.3	10.2	1.13	1.14	0.267	0.293
Beverages (313)	2.5	3.7	1.26	1.75	0.379	0.274
Tobacco (314)	0.7	0.7	0.68	0.77	0.507	0.336
Textiles (321)	6.3	5.5	1.18	1.18	0.400	0.384
Wearing apparel (322)	4.5	4.2	1.64	1.62	0.445	0.436
Leather and fur products (323)	0.5	0.4	0.97	1.03	0.385	0.418
Footwear (324)	1.2	1.3	1.60	2.16	0.483	0.450
Wood and cork products (331)	2.0	1.5	0.92	0.81	0.452	0.451
Furniture and fixtures excluding metal (332)	1.5	1.6	0.89	0.93	0.551	0.493
Paper (341)	3.5	3.9	0.98	1.15	0.460	0.412
Printing and publishing (342)	3.9	3.8	0.87	0.96	0.650	0.576
Industrial chemicals (351)	4.1	5.4	0.87	0.96	0.447	0.346
Other chemicals (352)	3.9	5.0	0.97	1.08	0.495	0.328 ^{b/}
Petroleum refineries (353)	1.9	2.7	0.82	1.21	...	...
Miscellaneous products of petroleum and coal (354)	0.5	0.6	1.55	1.96	...	...
Rubber products (355)	1.6	1.4	1.05	0.76	0.313	0.485
Plastic products (356)	1.2	1.6 ^{c/}	0.75	0.69 ^{c/}	0.469	0.433
Pottery, china and earthenware (361)	0.2	0.3 ^{c/}	0.49	0.60 ^{c/}	0.600	0.667
Glass (362)	0.8	0.8	0.89	0.78	0.528	0.490
Other non-metallic mineral products (369)	4.9	3.9	1.59	1.30	0.569	0.519
Iron and steel (371)	7.5	12.1	1.11	2.11	0.473	0.509
Non-ferrous metals (372)	2.2	1.7	1.27	1.01	0.259	0.332
Metal products, excluding machinery (381)	10.2	9.0	1.46	1.35	0.444	0.452
Non-electrical machinery (382)	8.2	6.0	0.75	0.56	0.420	0.456
Electrical machinery (383)	5.6	4.3	0.71	0.47	0.383	0.412
Transport equipment (384)	3.2	6.7	0.84	0.64	0.324	0.365
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.3	0.11	0.13	0.410 ^{d/}	0.567

^{a/} Relative to all large countries.

^{b/} Including ISIC 353 and 354.

^{c/} Estimated.

^{d/} Including ISIC 390, 353 and 354.

SOUTH AFRICA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	0.72	0.78	0.71
Beverages (313)	1.05	0.95	0.73
Tobacco (314)	0.43*	0.53	0.35*
Textiles (321)	0.68	0.44*	0.65
Wearing apparel (322)	1.51	0.60*	1.31
Leather and fur products (323)	0.70	0.40**	0.67
Footwear (324)	1.28	0.67	1.36
Wood and cork products (331)	0.73	0.60	0.79
Furniture and fixtures excluding metal (332)	1.02	0.52*	1.12
Paper (341)	1.47	1.35	1.38
Printing and publishing (342)	1.46	1.07	1.34
Industrial chemicals (351)	1.24	1.07	1.29
Other chemicals (352)	1.11	1.17	1.03
Petroleum refineries (353)	1.00	1.50	0.71
Miscellaneous products of petroleum and coal (354)	1.35	2.10	1.02
Rubber products (355)	1.11	0.98	0.93
Plastic products (356)	0.93	0.67*	0.86
Pottery, china and earthenware (361)	0.60	0.47*	0.63
Glass (362)	1.02	0.74	0.66
Other non-metallic mineral products (369)	1.22	0.81	1.13
Iron and steel (371)	2.35	2.69*	2.06*
Non-ferrous metals (372)	1.41	0.80	1.09
Metal products, excluding machinery (381)	1.63	0.95	1.53
Non-electrical machinery (382)	1.69	2.04*	1.89*
Electrical machinery (383)	1.09	0.72	1.29
Transport equipment (384)	1.38	0.76	1.18
Professional and scientific equipment, photographic and optical goods (385)	0.50	0.65	0.68
Other manufactures (390)	1.17	0.77	1.40
Total manufacturing (300)	1.12	0.64*	1.06

^{a/} Large countries.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1977
Food products (311/2)	6.3	8.3	0.69	0.93	0.170	0.193
Beverages (313)	1.7	1.7	0.87	0.78	0.386	0.395
Tobacco (314)	1.3	1.2	1.35	1.25	0.553	0.506
Textiles (321)	7.7	4.5	1.44	0.96	0.335	0.412
Wearing apparel (322)	7.2	4.4 ^{b/}	2.60	3.24 ^{b/}	0.394	0.457
Leather and fur products (323)	1.1	1.5	2.26	3.50	0.305	0.362
Footwear (324)	2.8	3.6	3.82	6.05	0.365	0.378
Wood and cork products (331)	1.4	1.6	0.67	0.85	0.441	0.417
Furniture and fixtures excluding metal (332)	3.4	3.5	1.94	2.05	0.497	0.489
Paper (341)	3.4	3.6	0.95	1.07	0.322	0.314
Printing and publishing (342)	2.7	3.0 ^{b/}	0.61	0.74 ^{b/}	0.542	0.563
Industrial chemicals (351)	4.6	5.7	0.98	1.01	0.292	0.287
Other chemicals (352)	6.6	4.4	1.64	0.94	0.359	0.348
Petroleum refineries (353)	1.4	1.2	0.63	0.54	0.118	0.092
Miscellaneous products of petroleum and coal (354)	0.2	0.1	0.72	0.45	0.220	0.200
Rubber products (355)	1.4	1.5	0.95	0.98	0.448	0.381
Plastic products (356)	1.2	1.4 ^{b/}	0.71	0.64 ^{b/}	0.365	0.364
Pottery, china and earthenware (361)	0.3	0.3	0.62	0.61	0.586	0.561
Glass (362)	1.0	1.2	1.14	1.21	0.542	0.430
Other non-metallic mineral products (369)	4.2	4.8	1.38	1.59	0.518	0.384
Iron and steel (371)	6.2	7.9	0.91	1.39	0.073 ^{c/}	0.123
Non-ferrous metals (372)	1.2	1.3	0.70	0.76	0.161	0.167
Metal products, excluding machinery (381)	11.7	8.8	1.68	1.31	0.382	0.402
Non-electrical machinery (382)	3.4	3.5	0.31	0.33	0.397	0.417
Electrical machinery (383)	7.3	8.2	0.93	0.91	0.345	0.409
Transport equipment (384)	7.7	7.2	0.79	0.70	0.282	0.286
Professional and scientific equipment, photographic and optical goods (385)	0.6	0.4	0.33	0.18	0.480	0.484

^{a/} Relative to all large countries.

^{b/} Estimated.

^{c/} 1971.

SPAIN

RELATIVE DEGREE OF INDUSTRIALIZATION IN T

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (391)
Non-electrical machinery (392)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

333

a/ Large countries.

THE 1970s BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group a/
0.78	0.75	0.73
0.90	0.82	0.66
1.14	1.43	1.07
0.85	0.76	0.90
3.40*	2.05*	2.79*
2.62*	2.02*	2.45*
4.19*	2.96**	3.98*
0.86	0.71	0.96
2.70*	1.78*	2.72*
1.46	1.40	1.28
1.13	0.92	0.96
1.14	1.12	1.23
1.12	1.36	1.09
0.70	0.99	0.54
0.56	0.74	0.66
1.07	1.24	0.92
0.96	0.86	0.84
0.83	0.74	0.87
1.25	1.25	1.05
1.35	1.11	1.26
1.60	1.98	1.49
0.82	0.74	0.83
1.67	1.32	1.57*
0.54	0.59*	0.63
1.12	1.03	1.24
1.05	0.90	0.99
0.80	0.81	0.85
1.37	1.12	1.59
1.04	0.80	1.02

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g) a/
- | Fish, tinned(407;g)
- | Margarine, imitation lard, etc.(501;g) a/
- | Flour, wheat(601;kg) b/
- | Meal and greats of all cereals(604;kg) a/
- | Raw sugar(801;kg)
- | Refined sugar(804;kg) a/
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oil, soya bean(510 and 513;kg) a/
- | Oil, cotton seed(516 and 519;kg) e/
- | Oil, groundnut(522 and 525;kg) a/
- | Oil, olive(528 and 531;kg) b/
- | Oils, other, of vegetable origin(534 & 537;kg) a/

Textiles(321)

- | Wool yarn, pure and mixed(103;g) b/
- | Cotton yarn, pure and mixed(109;g) b/
- | Cotton woven fabrics(128;g)
- | Woollen woven fabrics(134;g) b/
- | Knitted fabrics(301;g)

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg) b/
- | Pulp of fibres other than wood(104;kg) d/
- | Wood pulp, sulphate and soda(110;kg) b/
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
11.2	12.9	81.6	88.2	18.5	11.9	0.365	0.379
4088.0	3814.0	94.7	95.9	5.4	4.4	1.061	1.199
2148.0	3434.0	21.8	22.8	78.4	78.0	0.534	0.743
325.0	574.0	82.8	89.3	17.2	10.7	0.081	0.149
2735.0	4100.0	90.7	89.1	9.5	11.5	0.429	0.520
4590.0	2210.0	228.4	441.4	3.8	8.2	0.443	0.082
1838.0	1823.0	161.9	178.5	0.7	0.7	1.101	1.053
1868.0	2400.0	96.6	97.4	3.5	2.7	0.322	0.360
86.7	83.4	103.7	100.3	0.0	0.1	1.467	1.431
0.7	0.6	112.6	175.7	0.4	0.0	0.037	0.103
27.5	35.5	98.2	93.3	1.8	6.7	0.691	0.826
2.9	0.8	12.1	20.5	91.2	79.7	9.072	0.020
103.2	...	100.0	...	0.1	...	0.735	...
8.3	11.8	129.1	126.6	0.4	2.9	0.615	0.598
1.1	...	100.0	...	0.0	...	0.407	...
0.7	0.6	83.8	103.0	16.5	2.0	0.412	0.500
11.0	12.1	141.5	122.7	0.2	0.2	0.797	0.871
6.1	10.9	93.6	92.0	7.2	8.1	0.604	1.346
1083.0	474.0	100.0	105.5	0.2	0.3	0.410	0.248
3828.0	1607.0	108.5	120.1	0.1	2.6	0.870	0.372
3384.0	3553.0	102.5	99.6	0.1	0.6	1.045	1.168
1010.0	782.0	101.4	99.4	0.9	2.2	0.815	0.655
425.0	337.0	107.1	122.2	3.6	4.7	0.274	0.143
5.3	5.7	93.0	97.9	7.5	5.4	0.248	0.191
5.1	4.4	100.0	106.6	0.0	0.1	2.429	2.444
16.8	24.6	70.2	87.4	32.3	20.1	0.213	0.276
5.4	4.7	63.6	62.5	36.4	37.6	0.208	0.180
11.1	15.2	104.6	107.5	3.7	10.4	0.348	0.373

Product (ISIC; unit of measurement)

Industrial chemicals (351)

- | Methanol (methyl alcohol) (121;g) a/
- | Chlorine (145;kg) b/
- | Sulphuric acid (147;kg) b/
- | Nitric acid (149;kg) b/
- | Ammonia (158;kg) b/
- | Caustic soda (159;kg) b/
- | Calcium carbide (173;kg) b/
- | Dyestuffs, synthetic (174;g) a/
- | Nitrogenous fertilizers (201;kg)
- | Phosphatic fertilizers (204 and 207;kg) b/
- | Potassic fertilizers (210;kg)
- | Insecticides, fungic., disinfect., etc. (216;g)
- | Rubber, synthetic (301;g)

Petroleum refineries (353)

- | Distillate fuel oils (019;kg)
- | Residual fuel oils (022;kg)

Iron & steel (371)

- | Other ferro-alloys (013;kg)
- | Wire rods (028;kg)
- | Angles, shapes, sections, 80 mm or more (036;kg)
- | Angles, shapes, sections, under 80 mm (037;kg)
- | Plates (heavy), over 4.75 mm (040;kg)
- | Plates (medium), 3 to 4.75 mm (043;kg)
- | Tubes, seamless (076;kg)
- | Tubes, welded (079;kg)
- | Steel castings in the rough state (085;kg)
- | Steel forgings (088;kg)

Non-ferrous metals (372)

- | Copper, refined, unwrought (004;g)
- | Aluminium, unwrought (022;g)
- | Lead, refined, unwrought (037;g)
- | Zinc, unwrought (043;g)
- | Tin, unwrought (049;g)

- a/ For second period: 1976 only.
- b/ For second period: 1976 and 1977.
- c/ For first period: 1970 and 1972.
- d/ For first period: 1972 only.

CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports 1970-1972 | 1976-1978		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
1820.0	3650.0	49.5	4.4	50.6	95.6	0.218	0.228
5.1	11.4	104.4	103.2	0.0	0.0	0.134	0.356
69.5	102.4	95.5	94.3	4.8	6.0	0.747	1.040
17.3	24.8	98.3	99.4	1.7	0.6	0.538	0.810
20.7	41.7	82.4	88.4	17.6	11.6	0.719	0.737
9.1	12.1	92.2	98.1	11.6	15.7	0.318	0.394
6.2	4.5	99.4	100.1	0.9	0.1	0.939	1.452
533.0	497.0	91.2	90.1	16.4	29.0	0.989	0.904
21.8	14.1	65.9	132.9	34.2	19.4	0.991	0.516
6.6	13.7	121.1	106.0	17.8	0.4	0.486	1.007
2.3	3.0	656.2	501.3	1.6	0.4	0.123	0.146
3548.0	...	93.3	...	9.9	...	1.677	...
2751.0	3787.0	47.7	54.7	54.7	51.5	0.401	0.494
173.9	268.7	130.4	107.1	0.8	1.1	0.313	0.433
439.5	612.4	112.0	102.8	2.4	1.0	0.767	1.167
2.2	4.5	93.9	112.2	21.3	16.9	0.247	0.450
20.6	23.5	103.0	101.8	3.1	10.1	0.626	0.763
26.7	36.5	111.7	120.1	3.7	6.2	0.947	1.454
41.1	45.4	103.6	142.7	2.0	1.4	0.613	0.697
27.2	22.7	78.8	142.7	21.5	3.4	0.621	0.547
17.6	30.5	98.0	99.8	2.1	0.7	1.375	2.563
0.7	...	148.8	...	82.2	...	0.060	...
3.9	6.1	120.9	152.5	7.6	9.6	0.161	0.248
3.0	3.0	101.1	106.8	2.5	0.1	0.517	0.508
2.3	2.0	100.2	102.8	2.0	0.2	0.377	0.364
4317.0	3795.0	80.9	116.4	23.7	15.1	0.509	0.449
5634.0	7477.0	89.0	92.2	12.8	11.0	0.376	0.398
2509.0	2328.0	95.9	99.9	4.3	5.5	0.548	0.477
2417.0	3053.0	111.3	145.9	1.4	0.5	0.437	0.603
107.0	90.0	133.7	146.8	1.9	1.5	0.453	0.373

SPAIN

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	61.8	2.1	0.7	35.4	26.5
Chemicals (5)	62.1	-0.8	-2.3	40.7	27.5
Manufactured goods classified chiefly by material (6)	43.1	2.5	3.9	50.5	32.7
Machinery and transport equipment (7)	63.2	8.5	2.4	25.9	28.0
Miscellaneous manufactured articles (8)	106.4	-12.1	-5.9	11.5	22.8
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	47.8	-2.8	5.8	49.0	30.8
Rubber manufactures, n.e.s. (62)	76.6	-0.6	1.4	22.5	28.7
Wood and cork manufactures, excluding furniture (63)	119.8	-4.2	4.4	-20.0	19.5
Paper, paperboard and manufactures thereof (64)	29.1	3.9	1.2	65.7	36.7
Textile yarn, fabrics, made-up articles and related products (65)	59.3	4.4	0.0	35.3	24.5
Non-metallic mineral manufactures, n.e.s. (66)	37.1	0.7	-2.5	64.8	41.2
Iron and steel (67)	27.2	6.8	1.8	64.3	49.9
Non-ferrous metals (68)	34.0	2.3	2.4	61.3	19.5
Manufactures of metal, n.e.s. (69)	66.2	-0.6	-1.9	36.4	28.4
Machinery, other than electric (71)	55.4	1.1	-4.1	48.0	27.5
Electrical machinery, apparatus and appliances (72)	81.0	0.8	-1.3	19.5	24.9
Transport equipment (73)	63.7	16.1	8.0	12.1	29.3
Clothing and footwear (84, 85)	106.8	-16.0	-5.2	14.3	21.7

SRI LANKA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	17.1	14.7	0.66	0.86
Beverages (313)	3.5	2.4	0.74	0.42
Tobacco (314)	18.6	19.8	6.00	5.97
Textiles (321)	8.2	12.5	0.62	1.09
Wearing apparel (322)	0.2	0.2	0.04	0.02
Leather and fur products (323)	0.7	0.7	0.96	1.05
Footwear (324)	1.0	0.8	0.59	0.64
Wood and cork products (331)	4.2	4.2	1.71	1.79
Furniture and fixtures excluding metal (332)	0.7	0.5	0.45	0.46
Paper (341)	3.2	4.1	1.48	1.78
Printing and publishing (342)	0.6	0.7	0.19	0.24
Industrial chemicals (351)	0.2	0.3	0.12	0.13
Other chemicals (352)	2.3	3.3	0.74	0.82
Petroleum refineries (353)	4.2	2.8	1.33	0.74
Miscellaneous products of petroleum and coal (354)	0.2	0.1 ^{b/}	0.15	0.15 ^{b/}
Rubber products (355)	0.7	0.6	0.55	0.71
Plastic products (356)	0.5	0.3 ^{b/}	0.21	0.10 ^{b/}
Pottery, china and earthenware (361)	0.1	0.1	0.41	0.18
Glass (362)	0.8	0.6 ^{b/}	1.85	1.29 ^{b/}
Other non-metallic mineral products (369)	7.7	5.1	2.50	1.62
Iron and steel (371)	1.8	0.6	1.18	0.34
Non-ferrous metals (372)	0.3	0.1	0.11	0.04
Metal products, excluding machinery (381)	2.7	1.6	0.59	0.32
Non-electrical machinery (382)	5.5	2.1 ^{b/}	3.29	0.87 ^{b/}
Electrical machinery (383)	3.7	4.9 ^{b/}	1.02	0.70 ^{b/}
Transport equipment (384)	0.5	1.2 ^{b/}	0.15	0.33 ^{b/}
Professional and scientific equipment, photographic and optical goods (385)	4.8	5.7 ^{b/}	8.55	4.22 ^{b/}

^{a/} Relative to all small countries with modest resources.
^{b/} Estimated.

SRI LANKA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.81	0.80	0.81
Beverages (313)	0.70	0.70	0.50
Tobacco (314)	5.26**	5.47**	5.47*
Textiles (321)	0.99	1.04	0.72
Wearing apparel (322)	0.09**	0.10**	0.11**
Leather and fur products (323)	1.14	1.24	1.23
Footwear (324)	0.80	0.89	0.63
Wood and cork products (331)	2.61*	2.56	3.13*
Furniture and fixtures excluding metal (332)	0.77	0.77	0.97
Paper (341)	2.66*	2.52	1.99
Printing and publishing (342)	0.38*	0.34*	0.28*
Industrial chemicals (351)	0.21*	0.23*	0.19*
Other chemicals (352)	0.97	1.05	0.74
Petroleum refineries (353)	1.23	1.63	2.05
Miscellaneous products of petroleum and coal (354)	0.61	0.75	7.53*
Rubber products (355)	1.07	1.25	0.97
Plastic products (356)	0.81	0.90	0.73
Pottery, china and earthenware (361)	0.24*	0.24*	b/
Glass (362)	1.96	2.35	3.85*
Other non-metallic mineral products (369)	2.20*	2.27*	1.94*
Iron and steel (371)	0.91	1.00	1.03
Non-ferrous metals (372)	0.40	0.40	0.47
Metal products, excluding machinery (381)	0.78	0.79	0.61
Non-electrical machinery (382)	6.16**	5.67*	6.21*
Electrical machinery (383)	3.65*	4.02*	3.81*
Transport equipment (384)	0.57	0.68	0.75
Professional and scientific equipment, photographic and optical goods (385)	...	...	...
Other manufactures (390)	9.58**	9.14**	9.54*
Total manufacturing (300)	1.08	1.11	0.96

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg) a/ b/
- | Milk and cream, condensed (201;g)
- | Milk and cream, dried (204;g) c/
- | Butter (207;g)
- | Vegetables, tinned or bottled (322;g)
- | Fish, tinned (407;g) g/
- | Flour, wheat (601;kg)
- | Flour, cereal, other than wheat (607;kg) e/ f/
- | Raw sugar (801;kg) h/
- | Prepared animal feeds (312201;kg) g/

Textiles (321)

- | Wool yarn, pure and mixed (103;g)
- | Cotton yarn, pure and mixed (109;g) e/ h/
- | Cotton woven fabrics (128;g) e/ b/

Pulp and paper (341)

- | Pulp of fibres other than wood (104;kg) a/ b/ h/
- | Other printing and writing paper (122;kg)

Industrial chemical (351)

- | Chlorine (145;kg) b/
- | Nitric acid (149;kg) f/
- | Ammonia (158;kg) f/
- | Caustic soda (159;kg)
- | Calcium carbide (173;kg) f/
- | Dyestuffs, synthetic (174;g)
- | Nitrogenous fertilizers (201;kg) i/
- | Phosphatic fertilizers (204 and 207;kg) i/
- | Potassic fertilizers (210;kg) i/
- | Insecticides, fungic., disinfect., etc. (216;g) h/
- | Rubber, synthetic (301;g)

Petroleum refineries (353)

- | Distillate fuel oils (019;kg)
- | Residual fuel oils (022;kg) j/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
1.7	1.3	100.0	99.9	0.0	0.1	0.055	0.038
540.0	652.0	78.4	67.8	21.6	32.2	0.140	0.205
1362.0	2131.0	57.0	35.0	63.0	65.0	0.339	0.461
4629.0	86.0	0.6	13.8	99.5	86.2	1.152	0.022
...	5.0	...	97.8	...	2.2	...	0.000
404.0	355.0	1.9	70.0	98.1	30.0	0.242	0.205
32.2	41.1	14.4	13.2	85.6	86.8	0.545	0.714
3.3	4.1	99.1	84.5	0.9	15.4	0.458	0.719
1.3	1.7	100.0	100.0	0.0	0.0	0.033	0.040
8.6	3.0	99.3	101.9	0.7	0.7	0.061	0.016
...	-	...	0.0	...	100.0	...	0.000
...	793.0	...	87.3	...	17.7	...	0.184
193.0	...	100.0	...	0.0	...	0.060	...
0.4	0.6	100.0	88.3	0.0	11.7	0.190	0.333
0.8	0.7	97.6	97.6	2.4	2.4	0.025	0.017
0.1	0.1	100.0	99.9	0.0	0.1	0.004	0.003
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000
0.3	0.6	25.0	24.5	75.0	75.5	0.010	0.020
0.1	0.1	0.0	0.0	100.0	100.0	0.015	0.032
22.0	54.0	0.0	0.0	100.0	100.0	0.041	0.098
4.2	3.0	0.0	0.0	100.0	100.0	0.191	0.110
0.9	0.7	0.0	0.0	100.0	100.0	0.066	0.051
2.2	1.7	0.0	0.0	100.0	100.0	0.118	0.083
...	359.0	...	16.3	...	83.9	...	0.180
9.0	11.0	0.0	0.0	100.0	100.0	0.001	0.001
32.6	26.0	91.7	98.8	10.2	8.0	0.059	0.042
46.8	32.4	112.5	125.8	0.0	4.1	0.082	0.061

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Iron & steel (371)</u>								
Other ferro-alloys (013;kg)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Wire rods (028;kg)	0.9	6.6	57.1	97.6	42.9	2.4	0.027	0.214
Angles, shapes, sections, 80 mm or more (036;kg)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Angles, shapes, sections, under 80 mm (037;kg)	0.1	0.1	0.0	0.0	100.0	100.0	0.001	0.002
Plates (heavy), over 4.75 mm (040;kg)	0.2	1.8	0.0	0.0	100.0	100.0	0.006	0.043
Plates (medium), 3 to 4.75 mm (043;kg)	0.1	0.1	0.0	0.0	100.0	100.0	0.008	0.008
Tubes, seamless (076;kg) <i>f/</i>	-	0.1	0.0	0.0	100.0	100.0	0.000	0.009
Tubes, welded (079;kg) <i>j/</i>	0.2	-	0.0	0.0	100.0	100.0	0.008	0.000
Steel castings in the rough state (085;kg) <i>j/</i>	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Steel forgings (088;kg) <i>j/</i>	-	-	0.0	0.0	100.0	100.0	0.000	0.000
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004;g)	-	-	0.0	0.0	100.0	100.0	0.000	0.000
Aluminium, unwrought (022;g)	1.0	-	0.0	0.0	100.0	100.0	0.000	0.000
Zinc unwrought (043;g)	71.0	736.0	0.0	0.0	100.0	100.0	0.013	0.145
Tin, unwrought (049;g) <i>e/</i>	10.0	-	0.0	0.0	100.0	100.0	0.042	0.000

e/ Trade data for 1970 refer only to trade with OECD countries.

b/ For first period: 1970 only.

c/ For second period: 1977 and 1978.

d/ For first period: 1970 and 1971.

g/ Estimates.

f/ For first period: 1972 only.

g/ For first period: 1971 and 1972.

h/ For second period: 1978 only.

i/ For second period: 1976 and 1977.

j/ For first period: 1971 only.

SRI LANKA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	26.0	1.5	4.5	67.7	41.4
Chemicals (5)	38.9	-2.0	12.1	51.0	37.3
Manufactured goods classified chiefly by material (6)	39.6	0.7	0.7	59.1	28.3
Machinery and transport equipment (7)	10.9	7.6	1.4	80.1	66.5
Miscellaneous manufactured articles (8)	22.2	-1.0	1.4	77.4	48.5
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	44.8	15.3	1.3	38.6	31.0
Wood and cork manufactures, excluding furniture (63)	44.4	0.7	14.2	40.7	28.1
Paper, paperboard and manufactures thereof (64)	...	...	...	...	...
Textile yarn, fabrics, made-up articles and related products (65)	42.0	-5.6	-1.7	65.4	33.8
Non-metallic mineral manufactures, n.e.s. (66)	1.1	0.9	-0.3	98.3	105.2
Iron and steel (57)	...	...	...	...	...
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	33.8	-0.6	-3.2	70.0	11.3
Machinery, other than electric (71)	...	...	...	...	...
Electrical machinery, apparatus and appliances (72) a/	58.5	48.4	-1.9	-5.0	40.9
Transport equipment (73)	4.6	-0.3	-0.0	95.7	71.4
Clothing and footwear (84,85)	22.4	-0.9	0.4	78.1	48.1

a/ Trade effects were estimated using data for the years 1970-1971 and 1976-1977. The rate of growth relates to 1970-1977.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output $\frac{a}{b}$	
	1970	1978	1970	1978
Food products (311/2)	24.2	30.2	0.94	1.76
Beverages (313)	10.5	13.1	2.19	2.34
Tobacco (314)	4.7	3.9	1.50	1.16
Textiles (321)	33.1	22.9	2.49	1.99
Wearing apparel (322)	2.7	1.8	0.52	0.24
Leather and fur products (323)	1.5	1.3	1.98	1.81
Footwear (324)	4.9	4.4	2.97	3.44
Wood and cork products (331)	3.0 $\frac{b}{c}$	2.9 $\frac{b}{c}$	0.81 $\frac{b}{c}$	0.91 $\frac{b}{c}$
Furniture and fixtures excluding metal (332)	...	...	...	...
Paper (341)	0.7	0.8 $\frac{c}{d}$	0.31	0.34 $\frac{c}{d}$
Printing and publishing (342)	1.0	1.2 $\frac{c}{d}$	0.35	0.40 $\frac{c}{d}$
Industrial chemicals (351)	-	-	-	-
Other chemicals (352)	1.1	2.3	0.35	0.57
Petroleum refineries (353)	5.4	6.4	1.69	1.70
Miscellaneous products of petroleum and coal (354)	-	-	-	-
Rubber products (355)	-	-	-	-
Plastic products (356)	-	-	-	-
Pottery, china and earthenware (361)	-	-	-	-
Glass (362)	1.1	1.6	2.63	3.37
Other non-metallic mineral products (369)	3.0	2.9	0.99	0.92
Iron and steel (371)	-	-	-	-
Non-ferrous metals (372)	0.3	0.4 $\frac{c}{d}$	0.11	0.16 $\frac{c}{d}$
Metal products, excluding machinery (381)	1.8	2.7 $\frac{c}{d}$	0.39	0.55 $\frac{c}{d}$
Non-electrical machinery (382)	0.5	0.6 $\frac{c}{d}$	0.28	0.24 $\frac{c}{d}$
Electrical machinery (383)	0.2	0.3 $\frac{c}{d}$	0.06	0.04 $\frac{c}{d}$
Transport equipment (384)	0.3	0.4 $\frac{c}{d}$	0.10	0.11 $\frac{c}{d}$
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-

$\frac{a}{b}$ Relative to all small countries with modest resources.

$\frac{b}{c}$ Including ISIC 332.

$\frac{c}{d}$ Estimated.

SUDAN

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.34	1.42	1.29
Beverages (313)	2.62*	2.68*	1.93
Tobacco (314)	0.74	0.73	0.84
Textiles (321)	2.56*	2.47*	1.40
Wearing apparel (322)	0.99	1.04	0.80
Leather and fur products (323)	2.15*	2.10	1.76
Footwear (324)	3.82*	3.55*	2.57*
Wood and cork products (331)	...	...	...
Furniture and fixtures excluding metal (332)	...	...	...
Paper (341)	0.56	0.58	0.81
Printing and publishing (342)	0.67	0.72	0.55
Industrial chemicals (351)	-	-	-
Other chemicals (352)	0.54	0.58	0.59
Petroleum refineries (353)	1.31	1.57	1.07
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	-	-	-
Plastic products (356)	-	-	-
Pottery, china and earthenware (361)	-	-	-
Glass (362)	2.42	2.34	1.41
Other non-metallic mineral products (369)	0.83	0.83	0.69
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	0.48	0.38	0.23
Metal products, excluding machinery (381)	0.90	0.90	0.65
Non-electrical machinery (382)	0.74	0.66	0.50
Electrical machinery (383)	0.30*	0.31*	0.22*
Transport equipment (384)	0.32*	0.34	0.32
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	0.09**	0.08**	0.10*
Total manufacturing (300)	0.62	0.67	0.53*

^{a/} Small countries with modest resources.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
Food products (311,2)	9.2	9.0	0.72	0.68	0.264	0.293
Beverages (313)	1.0	1.0	0.43	0.40	0.523	0.469
Tobacco (314)	0.3	0.3	0.25	0.28	0.588	0.597
Textiles (321)	2.6	1.9	0.53	0.43	0.491	0.495
Wearing apparel (322)	2.1	0.9	0.75	0.37	0.520	0.529
Leather and fur products (323)	0.3	0.2	0.64	0.52	0.485	0.383
Footwear (324)	0.4	0.2	0.42	0.40	0.533	0.472
Wood and cork products (331)	7.0	7.0	1.74	1.81	0.469	0.417
Furniture and fixtures excluding metal (332)	1.4	1.6	0.60	0.67	0.534	0.508
Paper (341)	10.3	10.2	2.32	2.45	0.440	0.378
Printing and publishing (342)	7.9	7.4	1.41	1.43	0.706	0.693
Industrial chemicals (351)	2.7	3.3	0.59	0.61	0.446	0.370
Other chemicals (352)	2.5	2.9	0.70	0.69	0.573	0.573
Petroleum refineries (353)	0.4	0.4	0.26	0.31	0.243	0.208
Miscellaneous products of petroleum and coal (354)	0.3	0.2	0.43	0.44	0.349	0.314
Rubber products (355)	1.3	1.0	1.06	0.81	0.563	0.569
Plastic products (356)	0.9	1.3	0.60	0.72	0.571	0.493
Pottery, china and earthenware (361)	0.4	0.3	0.89	0.75	0.760	0.673
Glass (362)	0.6	0.5	0.65	0.61	0.659	0.584
Other non-metallic mineral products (369)	3.3	2.3	0.90	0.68	0.591	0.571
Iron and steel (371)	4.7	3.9	1.03	0.93	0.466	0.384
Non-ferrous metals (372)	1.0	1.2	0.56	0.59	0.255	0.217
Metal products, excluding machinery (381)	8.5	8.5	1.12	1.13	0.547	0.549
Non-electrical machinery (382)	12.3	12.6	1.49	1.57	0.537	0.539
Electrical machinery (383)	6.2	8.0	0.90	1.06	0.541	0.576
Transport equipment (384)	11.4	12.3	1.58	1.71	0.412	0.436
Professional and scientific equipment, photographic and optical goods (385)	0.9	0.9	0.76	0.73	0.635	0.648

^{a/} Relative to all small countries with ample resources and industrial orientation.

SWEDEN

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	0.86	0.87	0.83
Beverages (313)	0.39*	0.43**	0.56*
Tobacco (314)	0.40*	0.39*	0.49*
Textiles (321)	0.65	0.79	0.48*
Wearing apparel (322)	0.42	0.76	0.70
Leather and fur products (323)	0.49	0.73	0.68
Footwear (324)	0.34*	0.55*	0.49*
Wood and cork products (331)	2.78*	2.77*	1.93*
Furniture and fixtures excluding metal (332)	0.58	0.75	0.66
Paper (341)	2.72*	2.46*	2.26*
Printing and publishing (342)	1.62	1.55	1.28
Industrial chemicals (351)	0.51	0.65	0.65
Other chemicals (352)	0.72	0.81	0.70
Petroleum refineries (353)	0.17*	0.32*	0.40*
Miscellaneous products of petroleum and coal (354)	0.83	0.76	0.75
Rubber products (355)	0.76	0.83	1.32
Plastic products (356)	0.52	0.65*	0.62*
Pottery, china and earthenware (361)	0.95	0.97	0.74
Glass (362)	0.57	0.64	0.54
Other non-metallic mineral products (369)	0.74	0.92	0.74
Iron and steel (371)	0.84	0.74	0.99
Non-ferrous metals (372)	0.70	0.72	0.58
Metal products, excluding machinery (381)	1.12	1.36	1.09
Non-electrical machinery (382)	1.21	0.96	1.23
Electrical machinery (383)	0.85	1.11	0.85
Transport equipment (384)	1.16	1.74*	1.57
Professional and scientific equipment, photographic and optical goods (385)	0.69	0.62	0.87
Other manufactures (390)	0.39	0.37*	0.32*
Total manufacturing (300)	1.21	1.18	1.11

^{a/} Small countries with ample resources and industrial orientation.

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g) a/ b/
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g) b/
- | Fish, tinned(407;g)
- | Margarine,imitation lard,etc.(501;g) b/
- | Flour, wheat(601;kg) g/
- | Meal and groats of all cereals(604;kg) b/
- | Flour, cereal, other than wheat(607;kg) b/
- | Bread,ships' biscuits,etc.(704;kg) b/
- | Raw sugar(801;kg)
- | Refined sugar(804;kg) t/
- | Prepared animal feeds(212201;kg) b/

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg) d/ b/
- | Oil,cotton seed(516 and 519;kg) d/ b/
- | Oil,groundnut(522 and 525;kg) d/ b/
- | Oils,other,of vegetable origin(534 & 537;kg) b/

Textiles(321)

- | Wool yarn, pured and mixed(103;g) b/
- | Cotton yarn, pured and mixed(109;g) b/
- | Cotton woven fabrics(128;g) b/
- | Woollen woven fabrics(134;g) t/
- | Knitted fabrics(201;g) b/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg) b/
- | Wood pulp, sulphate and soda(110;kg) b/
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

UMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
16.7	18.7	106.7	96.3	5.9	7.4	0.544	0.660
495.0	681.0	98.9	151.0	3.3	14.2	0.129	0.214
5828.0	3145.0	95.1	170.8	18.7	0.2	1.449	0.661
4962.0	3615.0	115.3	131.2	1.4	0.7	1.235	0.940
9306.0	12590.0	85.7	85.5	18.2	17.4	1.457	1.597
6561.0	12757.0	64.0	63.4	39.3	37.6	0.641	0.473
5438.0	5029.0	61.5	64.2	48.1	47.6	3.266	2.905
18120.0	20404.0	94.9	96.7	5.2	3.5	3.122	3.234
46.1	45.1	105.7	117.0	0.3	0.2	0.780	0.783
3.6	5.7	72.8	46.2	27.2	54.1	0.193	0.983
11.1	9.8	91.6	93.5	8.4	6.5	1.542	1.719
34.4	34.3	105.7	100.7	1.8	2.9	1.265	1.212
41.3	46.2	78.1	84.9	21.9	15.9	1.038	1.074
43.9	42.7	59.0	100.4	15.8	2.5	1.089	1.044
162.3	257.3	97.7	96.3	2.5	3.8	1.155	1.255
12.3	17.1	56.8	62.5	41.4	37.5	0.911	0.864
2.9	3.6	57.0	65.1	43.5	35.6	1.074	2.400
0.8	0.6	61.0	85.7	41.7	24.0	0.471	0.500
10.6	11.5	79.3	75.7	21.3	25.0	1.050	1.420
565.0	260.0	98.5	104.9	5.4	5.9	0.214	0.136
1959.0	1800.0	61.7	42.1	39.5	59.8	0.445	0.417
2057.0	1734.0	60.3	54.1	39.9	46.2	0.635	0.565
539.0	238.0	45.3	23.2	64.2	91.0	0.435	0.199
1000.0	584.0	64.9	101.1	55.1	76.1	0.645	0.248
141.9	49.5	133.0	124.6	0.0	0.0	6.631	5.017
262.9	306.2	207.9	192.2	0.6	0.5	3.328	3.429
33.5	31.0	366.5	458.0	0.0	0.0	1.291	1.188
38.2	33.2	184.9	184.2	5.9	6.0	1.197	1.304

SWEDEN

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals (351)								
Methanol (methyl alcohol) (121;g) a/	9636.0	15164.0	0.1	0.0	101.2	100.0	1.152	0.948
Chlorine (145;kg) b/	39.6	41.5	99.6	106.0	0.4	0.0	1.506	1.297
Sulphuric acid (147;kg)	110.4	98.4	90.5	98.1	9.5	1.9	1.187	0.999
Nitric acid (149;kg)	39.3	...	97.7	...	2.3	...	1.460	...
Ammonia (158;kg) b/	26.7	25.3	59.3	50.7	40.7	49.3	0.927	0.447
Caustic soda (159;kg) b/	54.8	57.6	84.1	88.0	15.9	12.0	1.916	1.876
Calcium carbide (173;kg) b/	5.9	4.1	97.5	98.7	2.5	1.3	0.894	1.323
Dyestuffs, synthetic (174;g) b/	607.0	692.0	1.6	0.1	101.8	106.2	1.126	1.258
Nitrogenous fertilizers (201;kg)	66.3	72.9	16.6	12.2	90.4	87.8	3.014	2.670
Phosphatic fertilizers (204 and 207;kg) b/	12.5	7.3	72.0	96.9	28.0	3.1	0.919	0.574
Potassic fertilizers (210;kg) b/	16.2	15.2	0.0	0.0	100.0	100.0	0.866	0.741
Petroleum refineries (352)								
Distillate fuel oils (019;kg)	1209.5	1156.9	35.0	51.0	88.9	53.6	2.175	1.862
Residual fuel oils (022;kg)	1719.6	1468.7	37.5	52.3	67.3	59.3	3.000	2.774
Iron & steel (37)								
Other ferro-alloys (013;kg)	28.5	21.8	87.5	111.2	34.6	55.1	3.202	2.180
Wire rods (028;kg)	37.5	31.7	96.1	78.7	40.4	50.1	1.140	1.029
Angles, shapes, sections, 80 mm or more (036;kg)	22.5	15.2	50.0	78.3	87.8	119.1	0.798	0.606
Angles, shapes, sections, under 80 mm (037;kg)	143.7	121.6	97.1	99.8	3.5	0.4	2.142	1.868
Plates (heavy), over 4.75 mm (040;kg)	92.1	69.6	135.4	128.0	35.7	47.6	2.103	1.677
Plates (medium), 3 to 4.75 mm (043;kg)	14.8	12.2	96.4	72.6	29.6	60.9	1.156	1.025
Tubes, welded (079;kg) c/ b/	23.7	27.5	66.5	45.5	66.6	80.4	0.979	1.118
Steel castings in the rough state (085;kg)	4.3	2.4	97.7	95.2	3.7	5.4	0.741	0.471
Steel forgings (088;kg) c/	14.6	10.5	101.1	98.5	0.2	2.4	2.393	1.909
Non-ferrous metals (322)								
Copper, refined, unwrought (004;g)	11193.0	11358.0	56.2	67.4	73.2	69.7	1.319	1.343
Aluminium, unwrought (022;g)	13581.0	4494.0	83.9	86.8	32.7	348.1	0.906	0.239
Zinc, unwrought (043;g) c/	4989.0	...	1.3	...	99.6	...	0.901	...

a/ Production statistics do not provide for complete coverage.

b/ For second period: 1976 and 1977.

c/ Production data include additional related products.

d/ Estimates.

e/ For second period: 1976 only.

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	115.2	-3.1	2.3	-14.5	16.7
Chemical (5)	100.7	0.2	0.6	-1.4	19.6
Manufactured goods classified chiefly by material (6)	108.9	-3.3	0.1	-5.7	15.7
Machinery and transport equipment (7)	120.2	-3.8	5.8	-22.2	16.8
Miscellaneous manufactured articles (8)	106.7	0.7	4.1	-11.5	18.0
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	118.5	-5.9	2.3	-14.9	15.6
Rubber manufactures, n.e.s. (62)	157.4	0.0	-2.1	-55.4	14.9
Wood and cork manufactures, excluding furniture (63)	88.4	-3.6	14.9	0.3	21.8
Paper, paperboard and manufactures thereof (64)	94.9	7.6	-3.2	0.7	16.7
Textile yarn, fabrics, made-up articles and related products (65)	101.7	7.8	3.4	-12.8	14.4
Non-metallic mineral manufactures, n.e.s. (66)	114.6	-7.7	-14.5	7.8	20.0
Iron and steel (67)	133.1	-16.3	0.1	-16.9	13.7
Non-ferrous metals (68)	90.4	-0.6	-8.5	18.8	13.8
Manufactures of metal, n.e.s. (69)	125.7	-11.7	-8.0	-8.0	17.4
Machinery, other than electric (71)	124.0	-8.7	4.5	-19.8	15.8
Electrical machinery, apparatus and appliances (72)	117.6	1.2	1.3	-20.0	18.9
Transport equipment (73)	117.9	-1.8	9.6	-25.7	16.8
Clothing and footwear (84, 85)	146.7	5.6	2.6	-55.0	13.0

SWITZERLAND

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/	
	1970	1978	1970	1978
	Food products (311/2)	11.8	13.8	0.92	1.04
Beverages (313)	2.7	2.7	1.12	1.05
Tobacco (314)	2.0	1.4	1.74	1.41
Textiles (321)	3.7	3.8	0.74	0.86
Wearing apparel (322)	2.4	3.0	0.86	1.25
Leather and fur products (323)	0.3	0.4	0.62	1.04
Footwear (324)	1.2	0.7	1.41	1.24
Wood and cork products (331)	5.6	6.3	1.40	1.63
Furniture and fixtures excluding metal (332)	3.2	2.2	1.38	0.94
Paper (341)	1.9	1.7	0.43	0.40
Printing and publishing (342)	5.1	4.1	0.92	0.80
Industrial chemicals (351)	4.4	4.2 b/	0.96	0.77 b/
Other chemicals (352)	4.7	5.9 b/	1.30	1.41 b/
Petroleum refineries (353)	1.2	1.6	0.66	1.14
Miscellaneous products of petroleum and coal (354)	0.4	0.6	0.67	1.13
Rubber products (355)	0.3	0.5	0.28	0.36
Plastic products (356)	0.9	1.3	0.67	0.72
Pottery, china and earthenware (361)	0.7	0.6	1.45	1.53
Glass (362)	0.9	0.8	1.02	0.97
Other non-metallic mineral products (369)	2.4	1.9	0.66	0.54
Iron and steel (371)	1.4	1.6 b/	0.31	0.38 b/
Non-ferrous metals (372)	1.6	1.5	0.88	0.75
Metal products, excluding machinery (381)	6.5	6.4	0.86	0.85
Non-electrical machinery (382)	22.2 e/	21.8 e/	1.35 e/	1.31 e/
Electrical machinery (383)	...	...	...	...
Transport equipment (384)	1.8	1.8	0.25	0.25
Professional and scientific equipment, photographic and optical goods (385)	4.4	3.9	3.66	3.14

g/ Relative to all small countries with ample resources and industrial orientation.

b/ Estimated.

e/ Including ISIC 383.

SWITZERLAND

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

a/ Small countries with ample resources and industrial orientation.

BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group $\frac{a}{b}$
1.44	1.59	1.62*
1.14	1.30	1.57*
3.27*	3.05*	4.60**
1.30	1.44*	0.77
0.78	1.76*	1.46
0.71	1.08	0.95
1.19	1.99*	1.76*
2.76*	2.78*	2.00*
1.33	1.90*	1.43
0.50	0.54*	0.46*
1.16	1.58*	1.02
0.81	0.99	1.37
1.85	2.32*	1.42*
0.87	1.30	1.17
2.25	1.83	3.02*
0.26*	0.29*	0.42*
0.49	0.77	0.63*
1.93	1.86	1.23
1.12	1.21	0.80
0.72	0.96	0.78
0.31*	0.23*	0.31*
1.25	1.23	1.10
0.94	1.35	0.92
...
...
0.17*	0.31***	0.27**
2.93*	2.32*	3.54*
4.68*	4.32*	2.93*
1.54	1.49*	1.36*

SWITZERLAND

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972 | 1976-1978		1970-1972 | 1976-1978		1970-1972 | 1976-1978		1970-1972 | 1976-1978	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products (311)								
Beef and veal, fresh (101;kg)	25.7	25.1	81.2	94.4	19.2	5.7	0.837	0.736
Milk and cream, dried (204;g)	6865.0	6882.0	65.2	107.3	26.4	10.1	1.707	1.490
Butter (207;g)	7216.0	7274.0	65.7	73.8	34.7	26.2	1.796	1.891
Cheese (210;g)	10067.0	12123.0	143.6	150.4	30.9	26.1	1.576	1.537
Flour, wheat (601;kg)	66.1	62.0	100.0	100.0	0.1	0.0	1.118	1.076
Raw sugar (801;kg)	10.9	...	97.0	...	3.0	...	0.274	...
Refined sugar (804;kg)	45.0	44.7	21.7	30.0	80.2	71.2	1.117	1.093
Textiles (321)								
Wool yarn, pure and mixed (103;g)	2639.0	2786.0	95.1	90.7	5.2	100.6	0.998	1.456
Cotton yarn, pure and mixed (109;g)	6735.0	5724.0	112.9	119.5	5.0	15.4	1.531	1.326
Cotton woven fabrics (128;g) ^{a/}	4184.0	3449.0	100.0	100.9	7.7	17.0	1.293	1.124
Woolen woven fabrics (134;g)	1061.0	...	98.8	...	29.5	...	0.856	...
Pulp and paper (341)								
Wood pulp, mechanical (101;kg)	25.0	...	92.7	...	7.3	...	1.108	...
Newsprint (119;kg)	26.0	24.2	87.6	112.5	13.6	1.6	1.004	0.927
Other printing and writing paper (122;kg)	48.7	51.1	77.1	74.4	24.9	34.8	1.527	1.252
Industrial chemicals (351)								
Sulphuric acid (147;kg) ^{b/}	22.7	16.4	116.7	114.3	1.2	1.9	0.204	0.166
Nitrogenous fertilizers (201;kg)	8.0	14.5	43.4	29.7	56.7	70.5	0.354	0.531
Phosphatic fertilizers (204 and 207;kg) ^{c/}	3.7	6.8	27.5	8.7	72.5	91.3	0.272	0.500
Potassic fertilizers (210;kg) ^{c/}	10.0	9.0	0.0	0.0	100.0	100.0	0.536	0.439
Chemical products (352)								
Distillate fuel oils (619;kg)	1122.7	1258.2	31.2	24.8	69.0	75.2	2.039	2.025
Gas turbine fuel oils (622;kg)	374.0	277.2	70.4	60.1	35.8	41.5	0.682	0.524
Iron and steel (371)								
Tubes, seamless (076;kg) ^{d/}	33.2	...	49.6	...	75.6	...	0.927	...
Steel castings in the rough state (085;kg)	2.4	1.7	94.8	101.2	6.8	2.9	0.414	0.333
Steel forgings (089;kg)	4.3	3.2	95.7	97.9	5.6	6.3	0.705	0.582
Non-ferrous metals (372)								
Aluminium, unwrought (022;g)	14338.0	13013.0	99.8	95.7	19.7	42.7	0.986	0.692

^{a/} Estimates.

^{b/} For second period: 1977 and 1978.

^{c/} For second period: 1976 and 1977.

^{d/} All data include welded tubes (ISIC 371079).

SWITZERLAND

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	91.7	-0.7	-1.0	10.0	21.5
Chemicals (5)	114.8	0.4	-11.1	-4.0	20.4
Manufactured goods classified chiefly by material (6)	61.6	1.5	2.2	34.7	24.7
Machinery and transport equipment (7)	93.5	-4.8	-10.1	21.5	21.7
Miscellaneous manufactured articles (8)	113.3	3.2	8.7	-25.1	19.7
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	129.9	-6.4	7.6	-31.1	15.9
Rubber manufactures, n.e.s. (62)	124.0	2.3	0.2	-26.5	17.3
Wood and cork manufactures, excluding furniture (63)	49.1	3.5	-1.5	48.9	26.8
Paper, paperboard and manufactures thereof (64)	48.2	4.3	5.5	42.0	27.1
Textile yarn, fabrics, made-up articles and related products (65)	95.6	7.0	-0.2	-2.3	16.6
Non-metallic mineral manufactures, n.e.s. (66)	37.2	4.7	4.8	53.3	34.7
Iron and steel (67)	42.2	-14.5	10.1	62.1	26.7
Non-ferrous metals (68)	38.5	-0.6	10.7	51.3	27.9
Manufactures of metal, n.e.s. (69)	82.6	-3.6	-6.5	27.5	24.3
Machinery, other than electric (71)	96.7	-4.9	-12.1	20.2	19.9
Electrical machinery, apparatus and appliances (72)	85.3	-5.7	1.0	19.3	25.4
Transport equipment (73)	44.4	1.9	-2.9	56.7	30.7
Clothing and footwear (84, 85)	140.3	8.7	1.4	-50.4	17.3

SYRIAN ARAB REPUBLIC

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output %		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
	Food products (311/2)	21.7	2.3	0.84	1.24	0.225	0.440 ^{b/}
Beverages (313)	0.5	0.5	0.10	0.09	0.450	...
Tobacco (314)	6.7	7.1	2.16	2.15	0.753	...
Textiles (321)	26.7	22.1	2.01	1.93	0.248	0.402 ^{g/}
Wearing apparel (322)	7.6	7.4	1.49	0.95	0.396	...
Leather and fur products (323)	1.5	2.6	2.02	3.61	0.300	...
Footwear (324)	3.3	3.6	2.02	2.81	0.759	...
Wood and cork products (331)	2.7	2.6	1.11	1.13	0.367	0.483 ^{g/}
Furniture and fixtures excluding metal (332)	4.2	4.1	2.76	3.84	0.376	...
Paper (341)	0.5	0.9	0.24	0.41	0.350	0.768 ^{g/}
Printing and publishing (342)	1.3	2.3	0.44	0.80	0.436	...
Industrial chemicals (351)	0.2	0.3	0.12	0.12	0.324 ^{f/}	0.060 ^{g/}
Other chemicals (352)	3.3	3.1	1.03	0.75	...	...
Petroleum refineries (353)	8.3	8.3	2.88	2.22	...	...
Miscellaneous products of petroleum and coal (354)	0.4	0.4	0.25	0.40	...	...
Rubber products (355)	2.6	0.7	2.17	0.67	0.360	...
Plastic products (356)	0.1	0.2	0.06	0.05	0.443	...
Pottery, china and earthenware (361)	0.3	0.3	1.39	0.90	0.900	0.572 ^{b/}
Glass (362)	0.4	0.4	0.93	0.77	0.625	...
Other non-metallic mineral products (369)	2.1	2.0	0.68	0.63	...	...
Iron and steel (371)	-	...	-	...	-	0.342 ^{l/}
Non-ferrous metals (372)	0.3	0.6	0.10	0.26	0.416	...
Metal products, excluding machinery (381)	2.3	4.7	0.49	0.95	0.581	...
Non-electrical machinery (382)	1.0	2.1	0.61	0.86	0.468	...
Electrical machinery (383)	0.5	1.1	0.14	0.15	0.570	...
Transport equipment (384)	0.0	0.1	0.01	0.03	0.380	...
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-	-	-

- ^{a/} Relative to all small countries with modest resources.
- ^{b/} Including ISIC 313 and 314.
- ^{c/} Including ISIC 322, 323 and 324.
- ^{d/} Including ISIC 332.
- ^{e/} Including ISIC 342.
- ^{f/} Including ISIC 352.
- ^{g/} Including ISIC 352, 353, 354, 355 and 356.
- ^{h/} Including ISIC 362 and 369.
- ^{l/} Including ISIC 372, 381, 382, 383, 384 and 390.

SYRIAN ARAB REPUBLIC

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group g/
Food products (311/2)	1.35	1.33	1.21
Beverages (313)	0.12**	0.12**	0.12**
Tobacco (314)	2.27	2.15	2.58*
Textiles (321)	3.87*	3.94*	2.52*
Wearing apparel (322)	3.15*	2.98*	2.38
Leather and fur products (323)	3.51*	3.41*	3.00*
Footwear (324)	3.34*	3.03*	2.70*
Wood and cork products (331)	1.12	1.17	0.91
Furniture and fixtures excluding metal (332)	3.42*	3.51*	2.63*
Paper (341)	0.44	0.46	0.76
Printing and publishing (342)	0.61	0.69	0.80
Industrial chemicals (351)	0.17*	0.17*	0.23*
Other chemicals (352)	1.11	1.06	1.26
Petroleum refineries (353)	1.92	1.71	1.23
Miscellaneous products of petroleum and coal (354)	0.91	0.95	1.77
Rubber products (355)	1.73	1.79	1.66
Plastic products (356)	0.21**	0.22*	0.22*
Pottery, china and earthenware (361)	0.88	0.85	b/
Glass (362)	0.89	0.91	0.51
Other non-metallic mineral products (369)	0.56*	0.67	0.56
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	0.72	0.77	0.54
Metal products, excluding machinery (381)	1.02	1.06	0.91
Non-electrical machinery (382)	1.55	1.67	1.33
Electrical machinery (383)	0.62	0.62	0.42
Transport equipment (384)	0.05***	0.05**	0.04**
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	1.39	1.50	1.75
Total manufacturing (300)	0.75	0.88	0.67

a/ Small countries with modest resources.

b/ Corresponding group average pattern could not be identified.

THAILAND

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	32.8	20.2	3.58	2.26
Beverages (313)	7.3	10.3	3.62	4.86
Tobacco (314)	8.3	6.1	8.36	6.43
Textiles (321)	7.7	14.1	1.43	3.03
Wearing apparel (322)	3.5	6.5	1.28	2.61
Leather and fur products (323)	0.4	0.4 ^{b/}	0.76	0.89 ^{b/}
Footwear (324)	0.9	2.1 ^{b/}	1.17	3.55 ^{b/}
Wood and cork products (331)	3.2	2.0	1.49	1.06
Furniture and fixtures excluding metal (332)	1.3	0.8	0.73	0.46
Paper (341)	0.4	0.4	0.13	0.11
Printing and publishing (342)	2.6	2.2	0.58	0.57
Industrial chemicals (351)	0.1	0.1	0.02	0.02
Other chemicals (352)	3.0	3.2	0.74	0.67
Petroleum refineries (353)	3.8	4.2	1.67	1.84
Miscellaneous products of petroleum and coal (354)	3.8	4.2	11.58	13.27
Rubber products (355)	1.0	1.1	0.66	0.70
Plastic products (356)	1.2	0.9 ^{b/}	0.71	0.45 ^{b/}
Pottery, china and earthenware (361)	0.5	0.5 ^{b/}	1.08	1.05 ^{b/}
Glass (362)	1.0	0.9 ^{b/}	1.04	0.87 ^{b/}
Other non-metallic mineral products (369)	3.9	3.6	1.28	1.19
Iron and steel (371)	0.6	1.1	0.08	0.20
Non-ferrous metals (372)	1.5	0.9	0.83	0.54
Metal products, excluding machinery (381)	1.8	2.0 ^{b/}	0.26	0.30 ^{b/}
Non-electrical machinery (382)	1.1	1.3 ^{b/}	0.10	0.12 ^{b/}
Electrical machinery (383)	0.3	1.0 ^{b/}	0.04	0.11 ^{b/}
Transport equipment (384)	4.9	7.5	0.50	0.72
Professional and scientific equipment, photographic and optical goods (385)	0.6	0.5 ^{b/}	0.29	0.24 ^{b/}

^{a/} Relative to all large countries.

^{b/} Estimated.

THAILAND

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

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Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (3⁰)

a/ Large countries.

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group <u>g/</u>
1.45	1.45	1.64*
2.32*	2.41*	2.35*
2.62*	2.28*	2.02
0.73	0.72	0.84
2.28	2.83*	2.44
0.60	0.70	0.70
1.49	1.94	2.26
1.86	2.15	1.83
1.82	2.28*	2.0*
0.32*	0.29*	0.33*
1.79	1.61	1.69*
0.06**	0.07**	0.06**
1.03	0.80	0.84
2.07	1.84	1.76
12.13*	11.86*	5.05*
0.94	0.78	0.82
1.57	1.47	1.68
1.48	1.63	1.36
1.73	1.72	1.15
1.21	1.29	1.24
0.40	0.35	0.33*
1.15	1.09	0.91
0.52*	0.52*	0.54*
0.78	0.76	0.65
0.33*	0.31*	0.38*
3.17*	3.05*	2.59*
2.90*	3.02	3.90*
2.45	2.65	2.31*
1.11	1.22	1.24

THAILAND

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g) a/
- | Milk and cream, dried(204;g) a/
- | Butter(207;g) b/ c/
- | Fish, tinned(407;g) d/
- | Flour, wheat(601;kg) a/
- | Raw sugar(801;kg)

Textiles(321)

- | Wool yarn, pure and mixed(103;g)
- | Cotton yarn, pure and mixed(109;g) c/
- | Cotton woven fabrics(128;g) a/ f/ g/

Pulp and paper(341)

- | Pulp of fibres other than wood(104;kg)
- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Sulphuric acid(147;kg)
- | Nitric acid(149;kg)
- | Ammonia(158;kg)
- | Caustic soda(159;kg)
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg)
- | Phosphatic fertilizers(204 and 207;kg) a/
- | Potassic fertilizers(210;kg) a/
- | Rubber, synthetic(301;g)

Petroleum refineries(353)

- | Distillate fuel oils(019;kg)
- | Residual fuel oils(022;kg) h/ c/

Iron & steel(371)

- | Other ferro-alloys(013;kg)
- | Angles, shapes, sections, 80 mm or more(036;kg)
- | Angles, shapes, sections, under 80 mm(037;kg)
- | Plates (heavy), over 4.75 mm(040;kg)
- | Plates (medium), 3 to 4.75 mm(043;kg)
- | Steel forgings(088;kg) f/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
4.1	4.8	100.0	100.0	0.0	0.0	0.134	0.141
2337.0	1924.0	92.8	107.4	9.0	0.7	0.607	0.605
1006.0	1223.0	29.8	31.4	70.2	68.7	0.250	0.266
161.0	77.0	1.4	8.2	98.6	91.9	0.040	0.020
45.0	35.0	5.9	449.6	102.8	90.1	0.027	0.020
...	1.8	...	90.7	...	9.7	...	0.031
12.4	15.2	134.5	289.1	0.0	0.0	0.312	0.353
3.0	4.0	0.0	0.0	100.0	100.0	0.001	0.002
1354.0	1724.0	99.8	99.9	0.3	0.1	0.308	0.399
1221.0	1775.0	100.0	111.0	0.0	0.0	0.377	0.579
1.0	1.2	58.8	89.0	41.2	11.0	0.476	0.667
1.3	0.7	77.1	81.9	23.4	21.6	0.041	0.017
0.7	1.2	100.5	100.3	0.1	0.1	0.008	0.012
-	-	0.0	0.0	100.0	100.0	0.000	0.000
-	-	0.0	0.0	100.0	100.0	0.000	0.000
1.1	1.8	91.9	81.5	8.1	18.5	0.038	0.069
105.0	97.0	0.0	0.0	100.0	100.0	0.195	0.176
1.2	5.1	22.4	3.0	77.6	97.0	0.055	0.187
1.0	1.7	0.0	0.0	100.0	100.0	0.074	0.125
0.5	0.7	0.0	0.0	100.0	100.0	0.027	0.034
107.0	161.0	0.0	0.0	100.0	100.0	0.016	0.021
58.9	86.5	67.4	62.5	37.3	37.5	0.106	0.139
47.5	65.4	99.7	91.9	0.3	8.1	0.083	0.124
0.1	0.1	0.0	0.0	100.0	100.0	0.011	0.010
0.7	1.1	0.0	0.0	100.0	100.0	0.025	0.044
0.7	1.3	0.0	0.0	100.0	100.0	0.010	0.020
0.7	0.4	0.0	0.0	100.0	100.0	0.016	0.010
0.1	0.1	0.0	0.0	100.0	100.0	0.008	0.008
-	-	0.0	0.0	100.0	100.0	0.000	0.000

THAILAND

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

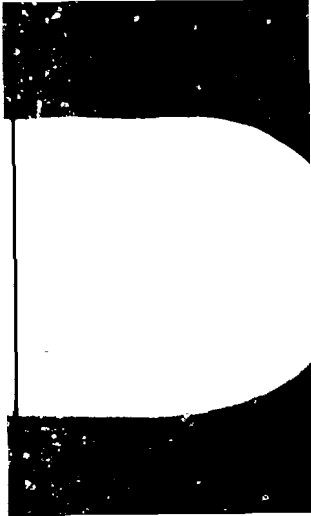
Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (322)</u>								
Copper, refined, unwrought (004;g) ^{b/}	5.0	108.0	0.0	0.0	100.0	100.0	0.001	0.313
Aluminium, unwrought (022;g) ^{b/}	410.0	727.0	0.0	0.0	100.0	100.0	0.027	0.039
Zinc, unwrought (042;g)	549.0	635.0	0.0	0.0	100.0	100.0	0.099	0.125
Tin, unwrought (049;g)	...	...	129.7	...	1.3	...	0.021	...

- ^{a/} For second period: 1976 and 1977.
^{b/} For first period: 1971 and 1972.
^{c/} For second period: 1976 only.
^{d/} For first period: 1972 only.
^{e/} Estimates.
^{f/} For first period: 1970 only.
^{g/} For second period: 1977 only.
^{h/} For first period: 1971 only.

THAILAND

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	37.6	-2.9	-1.6	66.8	35.1
Chemicals (5)	35.8	2.5	-3.5	65.2	38.4
Manufactured goods classified chiefly by material (6)	45.5	-4.5	4.4	54.6	29.8
Machinery and transport equipment (7)	3.2	1.7	0.2	94.9	89.9
Miscellaneous manufactured articles (8)	10.8	-0.9	0.8	89.3	67.2
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	35.6	40.2	-5.0	29.3	47.0
Rubber manufactures, n.e.s. (62)	29.1	-3.2	-0.1	74.2	49.5
Wood and cork manufactures, excluding furniture (63)	20.6	1.7	5.5	72.2	51.7
Paper, paperboard and manufactures thereof (64)	41.8	-5.6	6.3	57.5	41.1
Textile yarn, fabrics, made-up articles and related products (65)	14.5	-2.7	1.4	86.9	53.6
Non-metallic mineral manufactures, n.e.s. (66)	71.8	-0.8	14.6	14.4	31.5
Iron and steel (67)	86.3	29.0	23.7	-39.0	26.0
Non-ferrous metals (68)	59.5	-10.9	23.1	28.3	21.3
Manufactures of metal, n.e.s. (69)	25.8	-6.8	-2.5	83.6	46.2
Machinery, other than electric (71)	8.8	1.6	0.6	89.0	60.8
Electrical machinery, apparatus and appliances (72)	2.2	1.9	-0.0	95.9	102.6
Transport equipment (73)	9.3	1.2	0.9	88.5	75.8
Clothing and footwear (84, 85)	9.0	-1.6	0.1	92.6	89.9



TRINIDAD AND TOBAGO

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1978	1970	1978
Food products (311/2)	7.2	9.3	0.64	0.71
Beverages (313)	1.3	2.2	0.27	0.46
Tobacco (314)	1.1	1.5	0.42	0.48
Textiles (321)	0.6	0.3	0.11	0.05
Wearing apparel (322)	2.9	3.5 ^{b/}	0.77	0.95 ^{b/}
Leather and fur products (323)	0.1	0.1 ^{b/}	0.18	0.16 ^{b/}
Footwear (324)	0.3	0.2	0.25	0.17
Wood and cork products (331)	1.0	2.4	0.63	1.34
Furniture and fixtures excluding metal (332)	2.1	1.1	1.29	0.74
Paper (341)	0.8	2.3	0.30	0.84
Printing and publishing (342)	2.8	2.8	1.26	1.35
Industrial chemicals (351)	5.1	4.8	2.46	3.10
Other chemicals (352)	2.4	1.9	0.47	0.34
Petroleum refineries (353)	60.8	37.9	1.90	1.42
Miscellaneous products of petroleum and coal (354)	0.5	0.4 ^{b/}	1.91	0.98 ^{b/}
Rubber products (355)	0.8	0.7 ^{b/}	0.56	0.61 ^{b/}
Plastic products (356)	0.2	0.3 ^{b/}	0.15	0.17 ^{b/}
Pottery, china and earthenware (361)	0.4	0.4 ^{b/}	1.75	1.88 ^{b/}
Glass (362)	0.2	0.3 ^{b/}	0.37	0.26 ^{b/}
Other non-metallic mineral products (369)	2.2	2.6	0.65	0.65
Iron and steel (371)	-	-	-	-
Non-ferrous metals (372)	-	-	-	-
Metal products, excluding machinery (381)	1.7	11.7	0.43	3.30
Non-electrical machinery (382)	1.5	5.0 ^{b/}	1.12	2.89 ^{b/}
Electrical machinery (383)	0.4	0.8	0.23	0.39
Transport equipment (384)	2.4	5.7	0.75	1.46
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-

^{a/} Relative to all small countries with ample resources and primary orientation.

^{b/} Estimated.

TRINIDAD AND TOBAGO

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.54	0.47	0.63
Beverages (313)	0.42*	0.40*	0.41*
Tobacco (314)	0.78	0.70	0.74
Textiles (321)	0.12**	0.14**	0.36*
Wearing apparel (322)	0.85	0.63	0.48*
Leather and fur products (323)	0.23*	0.22*	0.40*
Footwear (324)	0.24*	0.19*	0.22*
Wood and cork products (331)	0.58	0.63	0.53
Furniture and fixtures excluding metal (332)	0.59	0.63	0.49
Paper (341)	0.83	0.90	1.10
Printing and publishing (342)	0.76	0.86	0.64
Industrial chemicals (351)	2.51	2.24	3.02*
Other chemicals (352)	0.88	0.70	0.69
Petroleum refineries (353)	14.47**	7.45*	3.03
Miscellaneous products of petroleum and coal (354)	1.73	1.47	3.10*
Rubber products (355)	1.08	1.15	1.33
Plastic products (356)	0.24*	0.22*	0.37*
Pottery, china and earthenware (361)	1.88	2.33	1.30*
Glass (362)	0.76	0.91	1.34
Other non-metallic mineral products (369)	0.66	0.67	0.83
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	-	-	-
Metal products, excluding machinery (381)	1.00	1.10	0.87
Non-electrical machinery (382)	1.30	1.65	1.36
Electrical machinery (383)	0.30*	0.30*	0.43
Transport equipment (384)	2.02	1.73	1.72
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	1.56	2.32	1.95
Total manufacturing (300)	1.11	1.50	2.10*

^{a/} Small countries with ample resources and primary orientation.

TRINIDAD AND TOBAGO

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972		1970-1972		1970-1972		1970-1972	
	1976-1978	1978	1976-1978	1978	1976-1978	1978	1976-1978	1978
Food products(311)								
Beef and veal, fresh(101;kg)	4.9	7.0	39.8	13.0	62.4	68.5	0.160	0.296
Margarine, imitation lard, etc.-(501;g)	4230.0	5656.0	116.7	113.2	1.0	2.0	0.729	0.928
Raw sugar(801;kg)	41.8	39.6	517.3	402.7	0.3	2.4	1.050	0.921
Prepared animal feeds(312201;kg) <u>a/</u>	...	19.1	...	52.8	...	70.4	...	0.093
Textiles(321)								
Wool yarn, pure and mixed(103;g)	1.0	...	0.0	...	100.0	...	0.000	...
Cotton yarn, pure and mixed(109;g)	108.0	...	0.0	...	100.0	...	0.025	...
Pulp and paper(341)								
Wood pulp, sulphate and soda(110;kg)	...	0.3	...	0.0	...	100.0	...	0.033
Newsprint(119;kg)	6.2	6.4	0.0	0.0	100.0	100.0	0.239	0.245
Other printing and writing paper(122;kg)	2.8	3.4	0.0	0.0	100.0	100.0	0.088	0.093
Industrial chemicals(351)								
Caustic soda(159;kg)	6.0	6.2	0.0	0.0	100.0	100.0	0.210	0.232
Dyestuffs, synthetic(174;g)	17.0	115.0	0.0	0.0	100.0	100.0	0.032	0.209
Nitrogenous fertilizers(201;kg) <u>b/</u>	7.3	7.9	1187.7	521.3	7.0	1.2	0.332	0.259
Phosphatic fertilizers(204 and 207;kg) <u>b/</u>	0.6	3.2	0.0	0.0	100.0	100.0	0.044	0.015
Potassic fertilizers(210;kg) <u>c/ b/</u>	7.8	2.2	49.9	0.0	50.1	100.0	0.417	0.107
Rubber, synthetic(301;g)	689.0	1117.0	0.0	0.0	100.0	100.0	0.100	0.146
Petroleum refineries(352)								
Distillate fuel oils(019;kg)	...	50.6	...	2726.2	...	0.0	...	0.061
Residual fuel oils(022;kg)	...	175.4	...	4564.4	...	23.6	...	0.331
Iron & steel(371)								
Wire rods(028;kg) <u>d/ e/</u>	1.1	3.0	0.0	0.0	100.0	100.0	0.033	0.097
Angles, shapes, sections, 80 mm or more(036;kg) <u>d/ e/ f/</u>	3.2	20.6	0.0	0.0	100.0	100.0	0.113	0.821
Angles, shapes, sections, under 80 mm(037;kg) <u>d/ e/ f/</u>	2.0	23.7	0.0	0.0	100.0	100.0	0.030	0.354
Plates (heavy), over 4.75 mm(040;kg)	14.0	19.5	0.0	0.0	100.0	100.0	0.320	0.470
Plates (medium), 3 to 4.75 mm(043;kg) <u>d/ e/</u>	1.0	1.6	0.0	0.0	100.0	100.0	0.078	0.134
Tubes, seamless(076;kg) <u>d/ e/</u>	24.6	41.4	0.0	0.0	100.0	100.0	2.121	3.696
Tubes, welded(079;kg) <u>d/ e/</u>	5.4	97.0	0.0	0.0	100.0	100.0	0.223	3.913
Steel castings in the rough state(085;kg) <u>d/ e/ f/</u>	0.1	-	0.0	0.0	100.0	100.0	0.017	0.000

TRINIDAD AND TOBAGO

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004;g) g/	1.0	...	0.0	...	100.0	...	0.000	...
Aluminium, unwrought (022;g) g/	5.0	2.0	0.0	0.0	100.0	100.0	0.000	0.000
Zinc, unwrought (043;g)	47.0	602.0	0.0	0.0	100.0	100.0	0.008	0.119
Tin, unwrought (049;g) g/	7.0	2.0	0.0	0.0	100.0	100.0	0.030	0.036

- a/ For second period: 1976 only.
- b/ For second period: 1976 and 1977.
- c/ For first period: 1970 and 1971.
- d/ Trade data refer only to trade with OECD countries.
- e/ For first period: 1970 only.
- f/ For second period: 1976 and 1978.
- g/ For first period: 1970 and 1972.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
	Food products (311/2)	14.7	15.5	0.57	0.90	0.177	0.166
Beverages (313)	5.3	5.6	1.11	1.00	0.403	0.380
Tobacco (314)	3.0	3.1	0.96	0.95	0.090	0.117
Textiles (321)	10.0	6.0	0.75	0.52	0.177	0.269
Wearing apparel (322)	6.3	4.7 ^{b/}	1.22	0.60 ^{b/}	0.369	0.427
Leather and fur products (323)	1.6	0.8	2.21	1.18	0.260	0.322
Footwear (324)	3.1	2.5	1.89	1.96	0.257	0.392
Wood and cork products (331)	3.3	2.3	1.36	0.99	0.351	0.353
Furniture and fixtures excluding metal (332)	1.3	1.3 ^{b/}	0.83	1.12 ^{b/}	0.377	0.320
Paper (341)	3.8	3.6	1.76	1.54	0.306	0.276
Printing and publishing (342)	3.3	2.6 ^{b/}	1.13	0.86 ^{b/}	0.562	0.492
Industrial chemicals (351)	13.6	14.4	6.69	5.56	0.256 ^{g/}	0.214 ^{g/}
Other chemicals (352)	2.1	2.2	0.65	0.54	...	...
Petroleum refineries (353)	2.6	1.8	0.81	0.48	0.235	0.282
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	1.8	1.2 ^{b/}	1.35	1.15 ^{b/}	0.475	0.262
Plastic products (356)	0.8	1.4 ^{b/}	0.33	0.45 ^{b/}	0.535	0.431
Pottery, china and earthenware (361)	1.0	1.1	4.75	3.52	0.500	0.568
Glass (362)	0.5	0.6	1.16	1.16	0.605	0.325
Other non-metallic mineral products (369)	19.1	11.0	3.31	3.51	0.409	0.494
Iron and steel (371)	5.0	4.6	3.38	2.77	0.228	0.322
Non-ferrous metals (372)	0.6	0.3	0.20	0.12	0.132	0.088
Metal products, excluding machinery (381)	2.0	3.5	0.44	0.71	0.307 ^{d/}	0.345
Non-electrical machinery (382)	0.1	0.3	0.06	0.11	...	0.202
Electrical machinery (383)	1.7	2.4	0.47	0.35	0.256	0.265
Transport equipment (384)	1.6	6.0	0.46	1.72	0.279	0.229
Professional and scientific equipment, photographic and optical goods (385)	-	...	-	...	-	0.355

^{a/} Relative to all small countries with modest resources.

^{b/} Estimated.

^{g/} Including ISIC 352.

^{d/} Including ISIC 382.

TUNISIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

365

a/ Small countries with modest resources.

b/ Corresponding group average pattern could not be identified.

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group g/
0.82	0.80	0.73
1.18	1.17	1.27
0.88	0.84	1.01
1.23	1.27	0.87
1.80	1.66	1.29
1.94	1.85	1.63
2.09	1.84	1.70
0.95	0.97	0.74
0.70	0.70	0.50
2.25	2.39	3.96*
1.26	1.38	1.29
8.01**	7.74*	10.92**
0.63	0.62	0.78
0.44	0.40	0.26*
-	-	-
1.72	1.85	1.84
2.01	2.12	2.19
3.17*	3.08	b/
1.16	1.22	0.63
2.57*	2.60*	2.64*
3.18*	3.58*	3.04
0.70	0.78	0.59
0.77	0.80	0.73
0.15**	0.16*	0.13*
1.63	1.67	1.18
2.10	2.04	2.01
-	-	-
1.24	1.35	1.56
0.76	0.90	0.69

TUNISIA

INDICATORS OF APPARENT

366

Product (ISIC; unit of measurement)

Food products (211)

- | Beef and veal, fresh (101;kg)
- | Butter (207;g)
- | Cheese (210;g)
- | Vegetables, tinned or bottled (322;g) a/
- | Fish, tinned (407;g) a/
- | Flour, wheat (601;kg)
- | Meal and groats of all cereals (604;kg) a/
- | Bread, ships' biscuits, etc. (704;kg) a/
- | Raw sugar (801;kg)
- | Refined sugar (804;kg)
- | Prepared animal feeds (312201;kg) a/

Vegetable oils (311)

- | Oil, olive (528 and 531;kg)

Textiles (321)

- | Wool yarn, pure and mixed (103;g) a/
- | Cotton woven fabrics (128;g) b/ c/ d/
- | Woollen woven fabrics (134;g) e/ a/

Pulp and paper (341)

- | Pulp of fibres other than wood (104;kg) e/ c/ d/

Industrial chemicals (351)

- | Methanol (methyl alcohol) (121;g)
- | Sulphuric acid (147;kg)
- | Nitric acid (149;kg)
- | Caustic soda (159;kg)
- | Calcium carbide (173;kg)
- | Dyestuffs, synthetic (174;g)
- | Nitrogenous fertilizers (201;kg) f/ g/
- | Phosphatic fertilizers (204 and 207;kg) a/
- | Potassic fertilizers (210;kg) d/
- | Insecticides, fungicides, disinfectants, etc. (216;g) a/
- | Rubber, synthetic (301;g)

Petroleum refineries (353)

- | Distillate fuel oils (019;kg)
- | Residual fuel oils (022;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
3.5	6.2	99.8	91.7	0.6	8.3	0.114	0.182
303.0	634.0	3.6	3.8	96.5	96.2	0.075	0.165
349.0	539.0	15.1	9.1	86.4	91.1	0.055	0.068
3551.0	6160.0	123.9	103.4	3.8	0.1	0.347	0.228
308.0	386.0	136.0	97.7	0.3	4.5	0.184	0.223
41.8	52.2	92.1	98.1	7.9	1.9	2.707	0.906
39.4	42.0	100.0	100.0	0.0	0.0	2.107	7.241
20.8	19.4	109.0	100.0	0.0	0.0	0.759	0.686
9.5	9.3	8.7	14.5	91.3	85.5	0.239	0.216
21.7	24.1	44.4	34.7	55.6	87.8	0.538	0.889
4.3	20.5	91.0	98.2	9.1	1.8	0.031	0.100
5.0	12.7	386.8	187.2	0.0	0.0	0.362	0.914
378.0	408.0	82.8	93.2	18.0	7.0	0.143	0.213
728.0	640.0	106.6	113.2	0.0	3.4	0.225	0.209
148.0	93.0	83.8	53.0	16.2	47.2	0.119	0.078
0.8	1.6	444.2	234.6	0.0	0.0	0.381	0.089
16.0	60.0	0.0	0.0	100.0	100.0	0.002	0.004
99.3	199.3	98.5	100.2	1.6	0.1	1.068	2.023
-	-	0.0	0.0	100.0	100.0	0.000	0.000
1.1	1.7	0.0	0.0	100.0	100.0	0.038	0.058
0.4	0.3	0.0	0.0	100.0	100.0	0.061	0.097
74.0	255.0	0.0	0.0	100.0	100.0	0.137	0.464
8.5	7.7	2.3	9.7	97.7	91.6	0.386	0.282
0.5	6.1	7468.4	455.2	0.0	0.0	0.037	0.449
0.7	0.4	0.0	0.0	100.0	100.0	0.037	0.020
583.0	844.0	42.6	52.5	58.4	47.7	0.276	0.424
156.0	172.0	0.0	0.0	100.0	100.0	0.023	0.022
50.3	118.3	102.6	47.0	8.6	58.9	0.108	0.190
100.1	102.1	85.2	83.1	20.4	21.4	0.175	0.193

TUNISIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Lead, refined, unwrought (037;g)	1397.0	733.0	311.9	466.6	0.1	0.2	0.306	0.150
Zinc, unwrought (043;g)	69.0	161.0	0.0	0.0	100.0	100.0	0.012	0.032
Tin, unwrought (049;g)	7.0	8.0	0.0	0.0	100.0	100.0	0.030	0.033

- a/ For second period: 1976 and 1977.
b/ Estimates.
c/ For first period: 1970 only.
d/ For second period: 1977 only.
e/ Trade data refer only to trade with OECD countries.
f/ For first period: 1970 and 1971.
g/ For second period: 1977 and 1978.

TUNISIA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	28.3	3.2	-1.5	70.0	38.7
Chemicals (5)	53.9	3.7	-3.1	45.5	27.9
Manufactured goods classified chiefly by material (6)	67.7	13.4	-3.6	22.5	23.8
Machinery and transport equipment (7)	14.3	1.5	-0.9	85.0	59.3
Miscellaneous manufactured articles (8)	4.2	0.7	-0.3	95.4	77.3
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	0.4	0.0	0.0	99.6	168.2
Rubber manufactures, n.e.s. (62)	55.7	-0.8	-1.1	46.2	27.1
Wood and cork manufactures, excluding furniture (63)	158.6	19.4	-30.7	-47.2	21.1
Paper, paperboard and manufactures thereof (64) a/	6.6	-2.7	1.5	94.5	70.9
Textile yarn, fabrics, made-up articles and related products (65)	34.8	1.9	10.0	53.3	33.7
Non-metallic mineral manufactures, n.e.s. (66)	...	...	...	...	...
Iron and steel (67)	-25.2	0.2	13.6	111.4	63.8
Non-ferrous metals (68)	116.2	10.6	5.0	-31.9	2.8
Manufactures of metal, n.e.s. (69)	25.5	1.7	-2.6	75.4	54.0
Machinery, other than electric (71)	18.2	1.1	0.3	80.5	50.6
Electrical machinery, apparatus and appliances (72)	7.5	0.6	0.1	91.8	72.6
Transport equipment (73) b/	26.8	1.7	-5.8	77.3	46.4
Clothing and footwear (84, 85)	2.2	-0.1	0.0	97.9	94.2

a/ Trade effects and rate of growth were estimated using data for the years 1970 and 1976.

b/ Trade effects were estimated using two year averages for 1970 and 1972, 1976 and 1978, respectively.

TURKEY

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
	Food products (311/2)	11.5	12.8	1.26	1.43	0.270	0.220
Beverages (313)	2.9	5.0	1.42	2.36	0.650	0.597
Tobacco (314)	7.8	6.1	7.82	6.42	0.585	0.440
Textiles (321)	16.3	9.6	3.04	2.06	0.385	0.441
Wearing apparel (322)	0.9	2.1 ^{b/}	0.34	0.80 ^{b/}	0.200	0.314
Leather and fur products (323)	0.5	0.5 ^{b/}	1.06	1.13 ^{b/}	0.276	0.297
Footwear (324)	1.2	0.7	1.60	1.18	0.437	0.362
Wood and cork products (331)	3.2	2.4	1.48	1.26	0.360	0.362
Furniture and fixtures excluding metal (332)	0.3	1.0 ^{b/}	0.18	0.56 ^{b/}	0.286	0.437
Paper (341)	1.9	1.8	0.54	0.52	0.544	0.252
Printing and publishing (342)	0.3	1.1	0.06	0.29	0.541	0.440
Industrial chemicals (351)	1.2	4.6 ^{b/}	0.25	0.82 ^{b/}	0.492	0.443
Other chemicals (352)	6.1	3.5 ^{b/}	1.53	0.76 ^{b/}	0.466	0.412
Petroleum refineries (353)	10.0	13.0	4.43	5.72	0.743	0.209
Miscellaneous products of petroleum and coal (354)	1.3	0.8	3.98	2.43	0.286	0.423
Rubber products (355)	1.3	1.0	0.88	0.68	0.434	0.350
Plastic products (356)	1.7	1.4 ^{b/}	1.05	0.63 ^{b/}	0.470	0.376
Pottery, china and earthenware (361)	0.9	0.6 ^{b/}	1.80	1.24 ^{b/}	0.786	0.732
Glass (362)	1.1	1.1	1.18	1.09	0.582	0.551
Other non-metallic mineral products (369)	2.2	2.9	0.72	0.96	0.516	0.435
Iron and steel (371)	8.9	6.4	1.32	1.13	0.507	0.473
Non-ferrous metals (372)	1.9	1.0	1.11	0.62	0.450	0.465
Metal products, excluding machinery (381)	7.7	4.3	1.10	0.65	0.383	0.429
Non-electrical machinery (382)	2.1	5.8	0.19	0.54	0.447	0.378
Electrical machinery (383)	2.4	3.3	0.30	0.36	0.382	0.375
Transport equipment (384)	3.5	6.6	0.36	0.64	0.358	0.372
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.1 ^{b/}	0.03	0.06 ^{b/}	0.500	0.526

^{a/} Relative to all large countries.^{b/} Estimated.

TURKEY

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.91	0.91	0.96
Beverages (313)	1.29	1.35	1.15
Tobacco (314)	3.54*	2.61*	3.07*
Textiles (321)	1.22	1.15	1.33
Wearing apparel (322)	0.86	0.98	0.87
Leather and fur products (323)	0.73	0.85	0.79
Footwear (324)	0.95	1.20	1.12
Wood and cork products (331)	1.23	1.65	1.31
Furniture and fixtures excluding metal (332)	0.59	0.85	0.64
Paper (341)	1.04	0.97	1.01
Printing and publishing (342)	0.64	0.65	0.58*
Industrial chemicals (351)	1.05	0.98	1.07
Other chemicals (352)	1.06	0.63	0.98
Petroleum refineries (353)	5.44*	2.98	4.54*
Miscellaneous products of petroleum and coal (354)	2.15	1.66	1.38
Rubber products (355)	0.97	0.60	0.83
Plastic products (356)	1.56	1.22	1.52
Pottery, china and earthenware (361)	1.74	2.12	1.74
Glass (362)	1.35	1.13	1.02
Other non-metallic mineral products (369)	0.78	0.84	0.80
Iron and steel (371)	2.13	1.76	1.95*
Non-ferrous metals (372)	1.25	1.30	1.05
Metal products, excluding machinery (381)	1.26	1.29	1.24
Non-electrical machinery (382)	1.60	1.77	1.64
Electrical machinery (383)	0.83	0.69	0.92
Transport equipment (384)	1.79	1.35	1.62
Professional and scientific equipment, photographic and optical goods (385)	0.30*	0.39	0.36*
Other manufactures (390)	0.41	0.54	0.42*
Total manufacturing (300)	0.96	1.19	1.02

^{a/} Large countries.

TURKEY

INDICATORS OF APPARENT

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg) a/
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g) b/
- | Fish, tinned(407;g) a/
- | Flour, wheat(601;kg) c/ d/
- | Raw sugar(801;kg) e/
- | Refined sugar(804;kg) b/ a/
- | Prepared animal feeds(312201;kg) b/ f/

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg)
- | Oil,cotton_seed(516 and 519;kg) b/ a/
- | Oil,olive(528 and 531;kg) f/
- | Oils,other,of vegetable origin(534 & 537;kg) a/ b/

Textiles(321)

- | Wool yarn, pured and mixed(103;g) d/
- | Cotton yarn, pured and mixed(109;g) h/ a/
- | Cotton woven fabrics(128;g) a/ f/
- | Knitted fabrics(201;g) f/

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg) i/ c/ d/
- | Pulp of fibres other than wood(104;kg) c/ f/
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

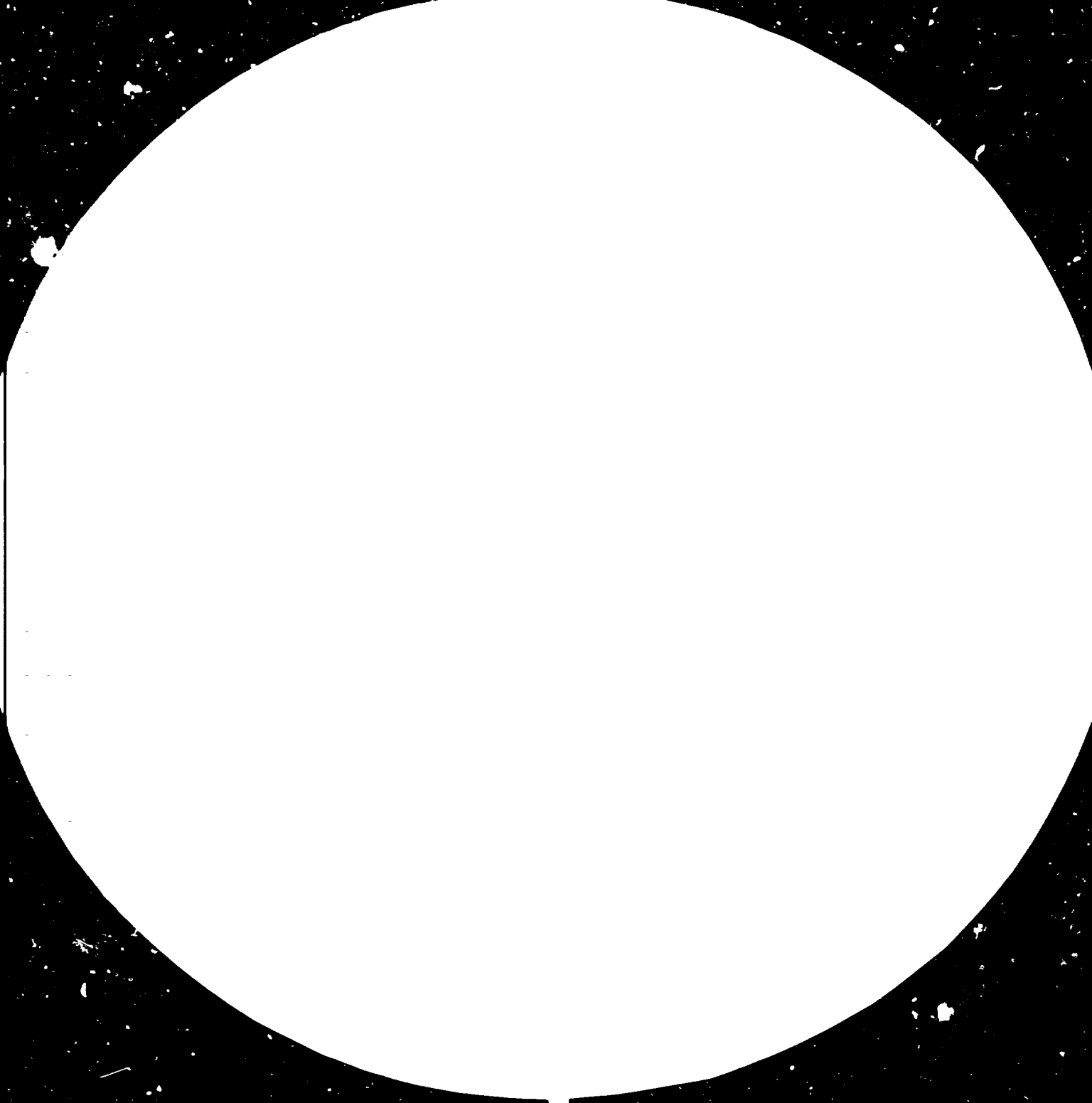
Industrial chemicals(351)

- | Chlorine(145;kg) j/ f/
- | Sulphuric acid(147;kg)
- | Nitric acid(149;kg)
- | Ammonia(158;kg) k/
- | Caustic soda(159;kg) b/
- | Calcium carbide(173;kg) b/ f/
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg)
- | Phosphatic fertilizers(204 and 207;kg) f/
- | Potassic fertilizers(210;kg) f/
- | Insecticides, fungic., disinfect., etc.(216;g) a/
- | Rubber, synthetic(301;g)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
5.2	5.2	100.1	100.0	0.0	0.0	0.149	0.153
3078.0	2856.0	100.1	99.8	0.0	0.2	0.766	0.743
2613.0	2785.0	100.6	100.0	0.0	0.0	0.409	0.353
58.0	...	784.9	...	0.0	...	0.006	...
...	9.0	...	103.1	...	0.0	...	0.005
50.6	30.7	99.7	102.1	0.3	0.0	0.856	0.533
21.7	27.0	100.0	100.0	0.0	0.0	0.545	0.628
17.1	26.9	117.7	100.0	0.0	0.0	0.424	0.628
11.3	7.1	100.0	100.2	0.0	0.1	0.080	0.025
0.5	0.9	1.8	5.5	98.2	94.5	0.037	0.045
5.1	3.3	100.0	91.5	0.0	8.5	1.889	2.200
4.0	3.6	101.2	112.9	0.0	0.0	0.290	0.259
7.6	...	99.7	...	0.4	...	0.752	...
671.0	156.0	100.2	100.1	0.0	0.0	0.254	0.082
4375.0	2300.0	103.8	176.4	0.0	0.0	0.994	0.533
1000.0	808.0	105.4	103.5	0.0	0.1	0.309	0.263
...	49.0	...	109.3	...	0.0	...	0.021
2.4	2.4	99.4	100.0	0.6	0.0	0.112	0.081
0.5	0.1	70.0	115.1	30.0	0.7	0.238	0.056
2.7	3.5	93.5	96.1	6.5	3.9	0.034	0.039
2.0	2.4	53.9	81.0	46.1	19.0	0.077	0.092
1.4	1.7	87.8	95.0	12.2	4.4	0.044	0.042
0.4	0.4	100.0	100.0	0.0	0.0	0.015	0.012
2.9	12.0	29.5	56.2	70.5	43.9	0.031	0.122
0.1	0.1	99.8	99.9	0.2	0.1	0.004	0.003
1.9	5.1	60.1	60.9	39.9	39.1	0.066	0.090
1.3	1.7	40.9	47.1	59.1	52.9	0.045	0.055
0.3	0.3	99.8	92.3	0.2	7.7	0.045	0.097
127.0	110.0	0.0	0.0	100.0	100.0	0.236	0.200
14.7	27.5	19.1	18.6	80.9	81.4	0.668	1.007
4.4	8.9	44.3	94.0	55.7	6.0	0.324	0.654
0.4	0.5	0.0	0.0	100.0	100.0	0.021	0.024
...	593.0	...	73.5	...	26.9	...	0.298
376.0	153.0	0.0	0.0	100.0	100.0	0.055	0.020

8303130





2.8



3.2



4.0



5.0



McDermott Eye Care, Ltd., 100, King Street West, Toronto, Ontario

McDermott Eye Care, Ltd. is a member of the

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Petroleum refineries (353)</u>								
Distillate fuel oils (019; kg)	60.3	100.0	95.4	80.0	7.9	20.0	0.108	0.161
Residual fuel oils (022; kg)	112.5	157.9	99.1	87.0	2.9	13.0	0.196	0.298
<u>Iron & steel (371)</u>								
Wire rods (028; kg) j/ a/	3.2	6.4	86.9	87.0	13.1	13.0	0.097	0.273
Angles, shapes, sections, 80 mm or more (036; kg) j/	2.4	4.5	83.9	76.9	16.1	23.1	0.085	0.179
Angles, shapes, sections, under 80 mm (037; kg) j/ a/	7.6	4.6	93.9	76.4	6.1	23.7	0.113	0.071
Plates (heavy), over 4.75 mm (040; kg) j/ a/	2.4	1.8	90.3	23.6	9.7	76.4	0.055	0.043
Plates (medium), 3 to 4.75 mm (043; kg) j/ a/	1.4	0.7	98.8	77.1	1.2	22.9	0.109	0.059
Tubes, welded (079; kg) j/	2.6	...	100.8	...	5.1	...	0.107	...
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004; g) j/	492.0	630.0	103.7	95.1	0.0	4.9	0.058	0.074
Aluminium, unwrought (022; g) a/	...	793.0	...	17.6	...	82.5	...	0.042
Lead, refined, unwrought (037; g)	222.0	217.0	37.7	33.6	62.3	66.4	0.048	0.044
Zinc, unwrought (043; g)	311.0	341.0	0.0	0.0	100.0	100.0	0.056	0.067
Tin, unwrought (049; g)	28.0	21.0	0.0	0.0	100.0	100.0	0.119	0.087

a/ For second period: 1976 only.

b/ For first period: 1972 only.

c/ For first period: 1971 only.

d/ For second period: 1977 only.

e/ For second period: 1976 and 1978.

f/ For second period: 1976 and 1977.

g/ Estimates.

h/ Production statistics do not provide for complete coverage.

i/ Trade data for 1977 refer only to trade with OECD countries.

j/ For first period: 1971 and 1972.

k/ For second period: 1977 and 1978.

l/ For first period: 1970 and 1971.

TURKEY

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	----- External effects -----		----- Internal effects -----		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	44.8	14.3	-4.6	45.5	32.3
Chemicals (5)	110.1	13.1	-14.8	-8.4	12.2
Manufactured goods classified chiefly by material (6)	38.8	16.3	-0.8	45.7	33.4
Machinery and transport equipment (7)	37.5	51.6	-2.7	13.6	33.1
Miscellaneous manufactured articles (8)	42.1	1.2	-1.8	58.6	41.5
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	...	...	...	...	...
Wood and cork manufactures, excluding furniture (63)	-63.2	204.5	13.1	-54.4	20.2
Paper, paperboard and manufactures thereof (64)	2.4	-0.1	0.7	96.9	90.6
Textile yarn, fabrics, made-up articles and related products (65)	26.5	6.1	0.9	60.6	34.0
Non-metallic mineral manufactures, n.e.s. (66)	76.4	58.4	6.7	-41.6	44.0
Iron and steel (67)	66.9	37.5	10.9	-18.2	24.6
Non-ferrous metals (68)	21.3	9.5	-2.1	71.2	22.7
Manufactures of metal, n.e.s. (69)	37.6	12.7	-1.8	51.6	43.0
Machinery, other than electric (71)	33.6	43.0	-5.2	28.6	36.0
Electrical machinery, apparatus and appliances (72)	84.9	147.1	-5.4	-126.7	28.6
Transport equipment (73)	19.7	-1.2	-2.2	83.8	41.0
Clothing and footwear (84, 85)	36.3	-2.5	0.7	65.5	45.6

UNION OF SOVIET SOCIALIST REPUBLICS

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/	
	1970	1978	1970	1978
Food products (311/2)	14.1	10.8	1.07	1.05
Beverages (313)	2.0	1.6	0.93	0.91
Tobacco (314)	0.2	0.2	0.45	0.54
Textiles (321)	6.4	4.9	0.85	0.80
Wearing apparel (322)	5.9	4.8	1.16	1.13
Leather and fur products (323)	0.8	0.5	0.94	0.88
Footwear (324)	1.9	1.4	1.07	1.03
Wood and cork products (331)	2.0	1.4	0.93	0.88
Furniture and fixtures excluding metal (332)	1.2	1.2	0.96	0.89
Paper (341)	0.9	0.8	0.84	0.85
Printing and publishing (342)	1.1	1.0	1.07	1.08
Industrial chemicals (351)	4.4	5.2	0.88	0.90
Other chemicals (352)	0.6	0.6	0.62	0.58
Petroleum refineries (353)	0.5	0.4	0.35	0.29
Miscellaneous products of petroleum and coal (354)	1.1	0.8	1.19	1.23
Rubber products (355)	0.9	0.8	0.76	0.77
Plastic products (356)	0.6	0.7	0.89	0.84
Pottery, china and earthenware (361)	0.9	1.0	1.17	1.20
Glass (362)	0.7	1.0	0.89	0.97
Other non-metallic mineral products (369)	6.1	5.3	1.17	1.17
Iron and steel (371)	5.4	4.0	0.87	0.81
Non-ferrous metals (372)	3.3	3.0	1.14	1.14
Metal products, excluding machinery (381)	36.2 b/	45.1 b/	1.02 b/	1.04 b/
Non-electrical machinery (382)	...	...	...	...
Electrical machinery (383)	...	...	...	...
Transport equipment (384)	...	...	...	...
Professional and scientific equipment, photographic and optical goods (385)	...	...	...	...

g/ Relative to all centrally planned economies.

b/ Including ISIC 382, 383, 384 and 385.

UNION OF SOVIET SOCIALIST REPUBLICS

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group ^{a/}
Food products (311/2)	1.51	1.41	
Beverages (313)	1.36	1.10	
Tobacco (314)	0.33*	0.52	
Textiles (321)	0.49	0.54*	
Wearing apparel (322)	3.22*	1.46	
Leather and fur products (323)	1.50	0.78	
Footwear (324)	2.98*	1.15	
Wood and cork products (331)	1.18	0.76	
Furniture and fixtures excluding metal (332)	1.49	0.73	
Paper (341)	0.35*	0.58*	
Printing and publishing (342)	0.52	0.96	
Industrial chemicals (351)	0.83	0.60*	
Other chemicals (352)	0.14**	0.32*	
Petroleum refineries (353)	0.45	0.21**	
Miscellaneous products of petroleum and coal (354)	2.97	3.77*	
Rubber products (355)	0.45	0.94	
Plastic products (356)	0.42*	0.62*	
Pottery, china and earthenware (361)	2.33	1.83	
Glass (362)	0.69	0.90	
Other non-metallic mineral products (369)	2.13*	1.62*	
Iron and steel (371)	0.54	0.77	
Non-ferrous metals (372)	1.31	1.77*	
Metal products, excluding machinery (381)	...	...
Non-electrical machinery (382)	...	...
Electrical machinery (383)	...	...
Transport equipment (384)	...	...
Professional and scientific equipment, photographic and optical goods (385)	...	...
Other manufactures (390)	2.34	2.19	
Total manufacturing (300)	1.36	1.16	

^{a/} Country not assigned to any group due to lack of appropriate data.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	8.1	8.1	0.88	0.91	0.290	0.274
Beverages (313)	2.2	2.7	1.08	1.26	0.441	0.276
Tobacco (314)	0.7	0.7	0.72	0.79	0.392	0.464
Textiles (321)	5.8	4.8	1.04	1.03	0.377	0.404
Wearing apparel (322)	2.2	2.6	0.81	1.01	0.462	0.445
Leather and fur products (323)	0.5	0.4	0.98	0.96	0.364	0.343
Footwear (324)	0.8	0.8	1.13	1.39	0.483	0.508
Wood and cork products (331)	1.5	1.7	0.72	0.89	0.355	0.380
Furniture and fixtures excluding metal (332)	1.7	1.8	0.99	1.08	0.500	0.528
Paper (341)	3.4	3.2	0.96	0.95	0.404	0.414
Printing and publishing (342)	5.2	5.5	1.16	1.39	0.619	0.601
Industrial chemicals (351)	5.3	6.1	1.14	1.08	0.419	0.347
Other chemicals (352)	2.5	3.7	0.61	0.78	0.507	0.455
Petroleum refineries (353)	1.2	1.1	0.51	0.49	0.170	0.098
Miscellaneous products of petroleum and coal (354)	0.5	0.4	1.62	1.15	0.304	0.289
Rubber products (355)	2.0	2.0	1.32	1.35	0.508	0.464
Plastic products (356)	1.2	1.8	0.73	0.79	0.499	0.469
Pottery, china and earthenware (361)	0.5	0.7	0.99	1.46	0.615	0.686
Glass (362)	0.8	1.1	0.88	1.05	0.586	0.583
Other non-metallic mineral products (369)	2.6	2.4	0.85	0.79	0.527	0.518
Iron and steel (371)	7.2	5.2	1.06	0.92	0.399	0.346
Non-ferrous metals (372)	1.9	1.8	1.07	1.05	0.222	0.272
Metal products, excluding machinery (381)	5.6	5.0	0.80	0.75	0.445	0.470
Non-electrical machinery (382)	14.6	14.0	1.32	1.30	0.497	0.486
Electrical machinery (383)	7.4	8.5	0.94	0.94	0.462	0.477
Transport equipment (384)	12.1	10.7	1.24	1.03	0.384	0.431
Professional and scientific equipment, photographic and optical goods (385)	1.6	1.9	0.85	0.92	0.528	0.550

^{a/} Relative to all large countries.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developed countries	Comparable country group a/
Food products (311/2)	0.86	0.74	0.80
Beverages (313)	1.28	1.15	1.09
Tobacco (314)	0.81	1.07	0.86
Textiles (321)	0.75	0.84	0.90
Wearing apparel (322)	1.04	0.76	0.88
Leather and fur products (323)	0.95	0.85	0.92
Footwear (324)	1.25	1.01	1.12
Wood and cork products (331)	0.80	0.64	0.91
Furniture and fixtures excluding metal (332)	1.24	0.92	1.16
Paper (341)	1.04	0.99	0.87
Printing and publishing (342)	1.70	1.38	1.34
Industrial chemicals (351)	0.97	1.03	1.08
Other chemicals (352)	0.64	0.85	0.65
Petroleum refineries (353)	0.59	0.81	0.81
Miscellaneous products of petroleum and coal (354)	1.17	1.43	1.89
Rubber products (355)	1.22	1.71	1.08
Plastic products (356)	0.91	0.90	0.77
Pottery, china and earthenware (361)	1.40	1.38	1.15
Glass (362)	0.85	1.07	0.93
Other non-metallic mineral products (369)	0.76	0.69*	0.74
Iron and steel (371)	0.92	1.29	0.91
Non-ferrous metals (372)	0.79	1.00	1.02
Metal products, excluding machinery (381)	0.75	0.69*	0.72
Non-electrical machinery (382)	1.44	1.59*	1.71
Electrical machinery (383)	0.92	1.02	0.94
Transport equipment (384)	1.02	1.11	1.08
Professional and scientific equipment, photographic and optical goods (385)	1.98	1.72	1.64
Other manufactures (390)	1.02	0.97	1.10
Total manufacturing (300)	0.92	0.86	0.97

a/ Large countries.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

INDICATORS OF APPARENT

378

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, dried(204;g) a/
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g)
- | Fish, tinned(407;g)
- | Margarine, imitation lard, etc.(501;g)
- | Flour, wheat(501;kg)
- | Raw sugar(801;kg) a/
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oil, soya bean(510 and 513;kg)
- | Oil, cotton seed(516 and 519;kg) b/
- | Oil, groundnut(522 and 525;kg) c/
- | Oils, other, of vegetable origin(534 & 537;kg)

Textiles(321)

- | Wool yarn, pure and mixed(103;g) e/
- | Cotton yarn, pure and mixed(109;g)
- | Cotton woven fabrics(128;g) e/ b/
- | Woollen woven fabrics(134;g) e/ b/
- | Knitted fabrics(301;g) e/ b/ d/

Pulp and paper(241)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Chlorine(148;kg)
- | Sulphuric acid(147;kg)
- | Nitric acid(149;kg) a/ e/
- | Calcium carbide(173;kg)
- | Dyestuffs, synthetic(174;g)
- | Nitrogenous fertilizers(201;kg) f/
- | Phosphatic fertilizers(204 and 207;kg) d/
- | Potassic fertilizers(210;kg)
- | Rubber, synthetic(301;g) g/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
21.2	21.1	79.7	87.0	22.5	21.0	0.691	0.621
2912.0	3426.0	100.6	148.0	27.6	14.7	0.724	0.742
8194.0	7829.0	16.5	29.3	84.3	77.4	2.040	2.036
5637.0	5704.0	50.6	65.3	50.8	38.6	0.882	0.723
17698.0	19252.0	81.5	81.5	20.8	21.8	1.729	0.714
1113.0	1007.0	15.3	21.9	99.4	98.8	0.606	0.602
8409.0	8507.0	101.1	102.1	0.7	1.9	1.449	1.348
68.5	69.0	98.3	100.9	1.9	0.2	1.159	1.198
53.7	44.9	34.7	35.8	65.3	64.3	1.349	1.044
15.8	16.2	108.3	91.5	19.4	27.1	0.392	0.396
194.7	199.8	99.9	98.6	1.1	2.3	1.386	0.976
4.2	6.7	69.3	95.2	30.8	7.4	0.311	0.338
1.6	0.8	52.3	19.8	47.7	80.6	0.593	0.533
3.7	1.3	64.1	77.9	36.2	23.9	2.176	1.083
14.2	17.7	56.8	60.5	44.6	41.4	1.406	2.185
3996.0	3241.0	102.5	102.6	1.1	2.3	1.512	1.694
3171.0	2579.0	94.5	87.0	8.5	10.5	0.721	0.597
2733.0	2097.0	68.7	52.5	32.9	50.9	0.844	0.684
1123.0	810.0	123.7	115.0	8.5	19.1	0.906	0.678
1273.0	1535.0	118.3	111.9	9.3	6.1	0.821	0.652
12.7	8.7	30.0	34.3	70.7	65.7	0.593	0.292
1.2	1.2	72.0	73.3	28.0	27.9	0.571	0.667
27.1	23.9	39.8	23.5	60.3	77.5	1.046	0.916
23.7	27.4	78.9	64.1	25.9	41.7	0.743	0.672
...	18.1	...	99.9	...	0.4	...	0.566
65.2	60.9	94.2	99.0	6.1	3.5	0.701	0.618
2.1	45.9	99.5	99.9	1.0	0.1	0.077	1.533
2.9	...	50.5	...	49.8	...	0.439	...
561.0	479.0	169.4	19.9	36.3	61.8	1.041	0.871
15.0	28.0	89.1	82.5	17.4	26.0	0.682	1.048
9.4	6.8	90.7	116.4	12.3	14.1	0.691	0.600
...	13.2	...	9.2	...	96.3	...	0.614
4848.0	5704.0	113.6	96.4	39.9	42.8	0.706	0.745

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Petroleum refineries (353)								
Distillate fuel oils (015; kg)	364.5	372.2	119.2	114.7	10.1	11.2	0.655	0.509
Residual fuel oils (022; kg)	866.5	594.1	95.1	103.2	18.6	11.8	1.512	1.122
Iron & steel (371)								
Wire rods (028; kg) ^{b/}	38.8	...	104.3	...	2.3	...	1.179	...
Angles, shapes, sections, 80 mm or more (036; kg)	31.7	34.8	120.7	101.0	2.0	7.3	1.124	1.336
Angles, shapes, sections, under 80 mm (037; kg)	56.4	53.6	102.2	101.6	1.1	1.1	0.841	0.823
Plates (heavy), over 4.75 mm (040; kg)	27.0	33.3	119.8	96.3	8.0	21.8	0.816	0.832
Tubes, seamless (076; kg) ^{h/}	22.5	19.6	129.5	124.2	10.1	18.2	0.628	0.547
Steel castings in the rough state (085; kg) ^{a/}	4.3	3.9	103.5	105.6	0.7	0.9	0.741	0.755
Steel forgings (088; kg)	2.4	1.4	109.1	134.5	0.9	8.5	0.393	0.255
Non-ferrous metals (372)								
Copper, refined, unwrought (004; g)	9082.0	8300.0	36.0	27.6	78.7	60.6	1.070	0.981
Aluminium, unwrought (022; g) ^{i/}	10142.0	10440.0	56.0	93.0	54.1	34.9	0.677	0.556
Lead, refined, unwrought (037; g) ^{a/}	6373.0	6224.0	77.2	73.0	66.3	60.7	1.392	1.276
Zinc, unwrought (043; g)	5812.0	4863.0	45.9	34.4	66.5	72.6	1.050	0.960
Tin, unwrought (049; g)	322.0	219.0	141.4	105.1	38.9	69.4	1.364	0.909

- ^{a/} Production statistics do not provide for complete coverage.
^{b/} For first period: 1970 only.
^{c/} Estimates.
^{d/} For second period: 1976 and 1977.
^{e/} For first period: 1971 and 1972.
^{f/} For second period: 1978 only.
^{g/} For first period: 1972 only.
^{h/} All data include welded tubes (ISIC 371079). Estimates.
^{i/} Production data include additional related products.

UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	129.0	9.9	1.2	-40.1	17.1
Chemicals (5)	100.5	0.8	-4.8	3.5	20.6
Manufactured goods classified chiefly by material (6)	120.0	5.6	11.9	-37.5	16.5
Machinery and transport equipment (7)	147.8	17.3	-2.3	-62.7	16.3
Miscellaneous manufactured articles (8)	122.3	4.2	-5.7	-20.8	18.3
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	149.0	-9.7	3.0	-42.3	14.6
Rubber manufactures, n.e.s. (62)	149.4	-3.6	-1.2	-44.7	14.4
Wood and cork manufactures, excluding furniture (63)	60.1	39.0	5.0	-4.1	23.7
Paper, paperboard and manufactures thereof (64)	101.3	2.1	7.4	-10.8	17.0
Textile yarn, fabrics, made-up articles and related products (65)	149.3	4.9	-2.1	-52.1	11.8
Non-metallic mineral manufactures, n.e.s. (66)	92.6	1.7	10.6	-4.9	26.1
Iron and steel (67)	193.6	-6.2	1.6	-89.0	12.4
Non-ferrous metals (68)	146.9	7.0	-2.9	-50.9	8.9
Manufactures of metal, n.e.s. (69)	147.8	30.1	2.4	-80.2	16.8
Machinery, other than electric (71)	147.7	8.9	2.1	-58.7	15.6
Electrical machinery, apparatus and appliances (72)	131.3	15.7	-0.4	-46.6	17.9
Transport equipment (73)	155.6	30.7	-4.6	-81.7	14.5
Clothing and footwear (84, 85)	113.7	2.5	0.8	-17.0	20.2

UNITED REPUBLIC OF CAMEROON

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}	
	1970	1977	1970	1977
Food products (311/2)	13.5	13.3	0.52	0.77
Beverages (313)	12.8	20.1	2.67	3.59
Tobacco (314)	4.5	5.8	1.47	1.75
Textiles (321)	18.3	13.2	1.38	1.15
Wearing apparel (322)	7.3	5.3	1.42	0.68
Leather and fur products (323)	0.9	0.8	1.24	1.06
Footwear (324)	6.9	5.7	4.16	4.48
Wood and cork products (331)	8.8	5.3	3.63	2.27
Furniture and fixtures excluding metal (332)	1.4	1.2	0.93	1.05
Paper (341)	-	0.2 ^{b/}	-	0.07 ^{b/}
Printing and publishing (342)	1.4	1.4 ^{b/}	0.48	0.59 ^{b/}
Industrial chemicals (351)	0.2	0.1	0.09	0.06
Other chemicals (352)	3.1	5.6	0.98	1.40
Petroleum refineries (353)	0.7	0.7 ^{b/}	0.21	0.19 ^{b/}
Miscellaneous products of petroleum and coal (354)	-	-	-	-
Rubber products (355)	0.0	0.0 ^{b/}	0.02	0.03 ^{b/}
Plastic products (356)	0.9	0.9 ^{b/}	0.37	0.29 ^{b/}
Pottery, china and earthenware (361)	0.5	1.7	2.28	5.45
Glass (362)	0.4	1.3	0.87	2.75
Other non-metallic mineral products (369)	1.0	3.6	0.33	1.16
Iron and steel (371)	-	-	-	-
Non-ferrous metals (372)	9.3	7.3	3.08	3.04
Metal products, excluding machinery (381)	3.8	2.6	0.82	0.53
Non-electrical machinery (382)	1.1	0.8	0.67	0.32
Electrical machinery (383)	0.3	0.3	0.07	0.04
Transport equipment (384)	0.9	0.6	0.27	0.18
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-

^{a/} Relative to all small countries with modest resources.

^{b/} Estimated.

UNITED REPUBLIC OF CAMEROON

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.77	0.77	0.72
Beverages (313)	4.11*	4.11*	3.78*
Tobacco (314)	1.49	1.52	1.69
Textiles (321)	1.55	1.61	1.13
Wearing apparel (322)	1.95	1.93	1.62
Leather and fur products (323)	0.86	0.85	0.76
Footwear (324)	3.44*	3.17*	2.60*
Wood and cork products (331)	2.98*	2.92*	2.53
Furniture and fixtures excluding metal (332)	1.42	1.37	1.15
Paper (341)	0.07***	0.07**	0.08**
Printing and publishing (342)	1.07	1.10	0.98
Industrial chemicals (351)	0.28*	0.28*	0.32
Other chemicals (352)	1.73	1.88	2.03*
Petroleum refineries (353)	0.22*	0.26	0.20*
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.05***	0.06***	0.05***
Plastic products (356)	1.91	2.13	2.06
Pottary, china and earthenware (361)	4.14*	3.82*	b/
Glass (362)	2.61	2.85	1.99
Other non-metallic mineral products (369)	0.78	0.78	0.73
Iron and steel (371)	-	-	-
Non-ferrous metals (372)	13.05*	13.41*	11.54*
Metal products, excluding machinery (381)	1.18	1.22	1.04
Non-electrical machinery (382)	1.46	1.40	1.23
Electrical machinery (383)	0.30*	0.32*	0.26*
Transport equipment (384)	0.75	0.81	0.82
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	2.79	2.74	3.05
Total manufacturing (300)	0.78	0.86	0.71

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

UNITED REPUBLIC OF TANZANIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1977	1970	1977	1970	1974
	Food products (311/2)	21.7	20.0	0.84	1.17	0.210	0.246
Beverages (313)	4.7	6.4	0.99	1.14	0.593	0.320
Tobacco (314)	7.5	8.6	2.41	2.59	0.520	0.509
Textiles (321)	16.0	15.7	1.20	1.37	0.301	0.325
Wearing apparel (322)	1.9	1.8	0.36	0.23	0.231	0.207
Leather and fur products (323)	1.3	2.9	1.74	4.02	0.149	0.417
Footwear (324)	1.2	2.6	0.70	2.06	0.350	0.229
Wood and cork products (331)	6.1	1.6	2.50	0.67	0.278	0.319
Furniture and fixtures excluding metal (332)	3.3	0.9	2.19	0.74	0.585	0.400
Paper (341)	0.2	1.4	0.10	0.60	0.312	0.270
Printing and publishing (342)	3.5	5.4 ^{b/}	1.19	1.86 ^{b/}	0.450	0.503
Industrial chemicals (351)	3.5	3.1	1.73	1.20	0.135	0.246
Other chemicals (352)	2.4	1.9 ^{b/}	0.75	0.48 ^{b/}	0.226	0.394 ^{c/b/}
Petroleum refineries (353)	6.4	4.1	2.01	1.10	0.877 ^{b/}	...
Miscellaneous products of petroleum and coal (354)	-	-	-	-	-	-
Rubber products (355)	0.6	2.5 ^{b/}	0.45	2.30 ^{b/}	0.333	0.307
Plastic products (356)	-	1.3 ^{b/}	-	0.41 ^{b/}	0.177 ^{d/}	0.438
Pottery, china and earthenware (361)	-	-	-	-	-	-
Glass (362)	0.1	0.1	0.19	0.17	0.374 ^{b/}	0.395 ^{e/b/}
Other non-metallic mineral products (369)	2.9	3.0	0.94	0.96	0.431	...
Iron and steel (371)	1.8	1.7	1.06	1.05	0.201 ^{f/}	0.172 ^{f/}
Non-ferrous metals (372)	1.8	1.7	0.50	0.70	...	...
Metal products, excluding machinery (381)	8.7	3.4	1.88	0.68	0.242	0.234
Non-electrical machinery (382)	1.5	1.0 ^{b/}	0.88	0.41 ^{b/}	0.395	0.358
Electrical machinery (383)	0.8	2.6	0.23	0.37	0.224	0.282
Transport equipment (384)	2.4	4.9 ^{b/}	0.72	1.39 ^{b/}	0.207	0.231
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-	-	-

^{a/} Relative to all small countries with modest resources.

^{b/} Estimated.

^{c/} Including ISIC 353.

^{d/} 1971.

^{e/} Including ISIC 369.

^{f/} Including ISIC 372.

UNITED REPUBLIC OF TANZANIA

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.77	0.79	0.79
Beverages (313)	1.06	1.07	0.70
Tobacco (314)	1.12	1.25	1.23
Textiles (321)	1.05	1.08	0.77
Wearing apparel (322)	0.73	0.85	0.83
Leather and fur products (323)	1.80	1.87	1.72
Footwear (324)	0.90	0.93	0.60
Wood and cork products (331)	1.16	1.05	1.21
Furniture and fixtures excluding metal (332)	1.79	1.50	1.94
Paper (341)	0.54	0.53	0.39
Printing and publishing (342)	2.21*	2.02*	1.60
Industrial chemicals (351)	3.31*	3.67*	2.87
Other chemicals (352)	0.81	1.02	0.76
Petroleum refineries (353)	1.09	1.84	1.74
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	2.17	2.77*	2.14
Plastic products (356)	1.94	2.32	1.95
Pottery, china and earthenware (361)	-	-	-
Glass (362)	0.19*	0.22*	0.30*
Other non-metallic mineral products (369)	0.76	0.77	0.61
Iron and steel (371)	1.07	1.12	1.01
Non-ferrous metals (372)	2.17	1.85	2.01
Metal products, excluding machinery (381)	1.51	1.52	1.12
Non-electrical machinery (382)	1.62	1.39	1.37
Electrical machinery (383)	1.79	2.04	2.00
Transport equipment (384)	2.94*	3.75*	4.00
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	0.85	0.71	0.77
Total manufacturing (300)	0.85	0.83	0.76

^{a/} Small countries with modest resources.

UNITED REPUBLIC OF TANZANIA

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg) a/
- | Butter (207;g) a/
- | Cheese (210;g) a/
- | Flour, wheat (601;kg) b/ c/ d/
- | Bread, ships' biscuits, etc. (704;kg) c/
- | Raw sugar (801;kg) a/

Textiles (321)

- | Cotton woven fabrics (128;g) a/ d/

Pulp and paper (341)

- | Newsprint (119;kg) f/
- | Other printing and writing paper (122;kg) f/

Industrial chemicals (351)

- | Methanol (methyl alcohol) (121;g) d/
- | Chlorine (145;kg) a/
- | Calcium carbide (173;kg) a/
- | Dyestuffs, synthetic (174;g) a/
- | Nitrogenous fertilizers (201;kg) g/ a/
- | Phosphatic fertilizers (204 and 207;kg) a/
- | Potassic fertilizers (210;kg) a/
- | Rubber, synthetic (301;g) a/

Petroleum refineries (352)

- | Distillate fuel oils (019;kg) d/
- | Residual fuel oils (022;kg) d/

Iron & steel (371)

- | Wire rods (028;kg) a/
- | Angles, shapes, sections, 20 mm or more (036;kg)
- | Angles, shapes, sections, under 20 mm (037;kg) a/
- | Tubes, seamless (076;kg) a/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
8.6	7.7	100.1	100.1	0.0	0.0	0.280	0.225
173.0	255.0	98.6	88.6	2.2	31.6	0.043	0.066
77.0	32.0	94.4	97.0	5.6	3.0	0.012	0.004
3.6	5.1	89.0	89.0	11.0	11.0	0.061	0.069
0.9	...	99.8	...	0.2	...	0.033	...
6.6	5.8	100.1	117.0	0.0	0.0	0.166	0.135
625.0	738.0	99.1	99.7	0.9	0.3	0.193	0.241
0.1	...	0.0	...	100.0	...	0.004	...
0.4	...	0.0	...	100.0	...	0.013	...
...	4.0	...	0.0	...	100.0	...	0.000
...	-	...	0.0	...	100.0	...	0.000
...	-	...	0.0	...	100.0	...	0.000
32.0	33.0	0.0	0.0	100.0	100.0	0.059	0.050
2.3	1.9	6.1	11.3	93.9	88.3	0.106	0.070
...	0.8	...	90.7	...	10.5	...	0.059
0.2	0.2	0.0	0.0	100.0	100.0	0.011	0.010
59.0	154.0	0.0	0.0	100.0	100.0	0.009	0.020
9.8	17.6	121.1	69.0	191.5	38.4	0.018	0.028
11.5	9.7	226.5	233.1	0.4	0.6	0.020	0.018
0.1	0.1	0.0	0.0	100.0	100.0	0.003	0.003
0.5	...	0.0	...	100.0	...	0.018	...
...	2.2	...	0.0	...	100.0	...	0.034
1.1	-	0.0	0.0	100.0	100.0	0.095	0.000

UNITED REPUBLIC OF TANZANIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g) ^{b/}	...	-	...	0.0	...	100.0	...	0.000
Aluminium, unwrought (022;g) ^{a/}	257.0	230.0	0.0	0.0	100.0	100.0	0.017	0.012
Lead, refined, unwrought (037;g) ^{a/}	14.0	3.0	0.0	0.0	100.0	100.0	0.003	0.001
Tin, unwrought (049;g) ^{a/}	3.0	1.0	0.0	0.0	100.0	100.0	0.013	0.004

- ^{a/} For second period: 1976 and 1977.
^{b/} Trade data for 1970 refer only to trade with OECD countries.
^{c/} For first period: 1970 only.
^{d/} For second period: 1976 only.
^{e/} Estimates.
^{f/} For first period: 1970 and 1971.
^{g/} For first period: 1972 only.
^{h/} For second period: 1977 only.

UNITED STATES OF AMERICA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	9.0	8.5	0.99	0.95	0.308	0.276
Beverages (313)	1.4	1.6	0.71	0.73	0.480	0.402
Tobacco (314)	0.9	0.7	0.86	0.75	0.466	0.461
Textiles (321)	3.4	3.0	0.63	0.64	0.417	0.408
Wearing apparel (322)	2.9	2.8	1.06	1.07	0.507	0.512
Leather and fur products (323)	0.3	0.2	0.63	0.57	0.497	0.443
Footwear (324)	0.6	0.3	0.81	0.51	0.556	0.511
Wood and cork products (331)	1.9	1.7	0.87	0.93	0.444	0.415
Furniture and fixtures excluding metal (332)	1.2	1.2	0.70	0.73	0.527	0.510
Paper (341)	4.4	4.0	1.24	1.19	0.466	0.427
Printing and publishing (342)	5.8	5.1	1.30	1.29	0.669	0.638
Industrial chemicals (351)	5.2	6.3	1.10	1.12	0.518	0.418
Other chemicals (352)	4.3	4.8	1.06	1.02	0.672	0.562
Petroleum refineries (353)	2.0	1.9	0.90	0.82	0.202	0.142
Miscellaneous products of petroleum and coal (354)	0.4	0.4	1.18	1.13	0.412	0.365
Rubber products (355)	1.4	1.4	0.93	0.95	0.532	0.483
Plastic products (356)	1.3	2.2	0.83	1.02	0.561	0.467
Pottery, china and earthenware (361)	0.2	0.2	0.31	0.34	0.712	0.679
Glass (362)	0.9	1.0	1.01	0.95	0.636	0.591
Other non-metallic mineral products (369)	2.3	2.4	0.75	0.79	0.550	0.513
Iron and steel (371)	5.9	4.6	0.88	0.80	0.456	0.413
Non-ferrous metals (372)	2.1	1.8	1.19	1.07	0.305	0.302
Metal products, excluding machinery (381)	7.1	7.1	1.02	1.06	0.522	0.490
Non-electrical machinery (382)	11.0	11.6	0.99	1.08	0.558	0.537
Electrical machinery (383)	8.3	8.8	1.06	0.97	0.553	0.553
Transport equipment (384)	11.2	11.8	1.14	1.14	0.408	0.386
Professional and scientific equipment, photographic and optical goods (385)	3.0	3.2	1.57	1.53	0.665	0.639

^{a/} Relative to all large countries.

UNITED STATES OF AMERICA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE

388

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixture* excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (359)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

g/ Large countries.

1970s BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group g/
1.27	0.82	1.21
1.15	0.94	1.61
1.09	1.69	1.62
0.42*	0.67	0.71
1.64	1.19	1.69
0.75	0.79	0.85
0.84	0.75	0.66
0.90	0.66	1.10
0.93	0.72	0.74
1.15	0.93	0.87
1.65	0.95	1.12
0.66	0.82	0.79
0.69	1.01	0.79
0.93	1.49	1.23
0.73	0.89	2.16
0.89	1.78	0.83
1.13	1.05	0.91
0.35*	0.43*	0.35*
0.52	1.04	1.12
0.67	0.65*	0.78
0.53	1.16	0.65
0.47	1.18	1.06
0.87	0.88	0.87
0.67	0.87	0.83
0.67	0.91	0.54
0.61	0.84	0.88
3.36*	2.47*	1.57
1.49	1.87	1.21
0.58	0.78	0.76

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g)
- | Milk and cream, dried(204;g) a/
- | Butter(207;g)
- | Cheese(210;g) b/
- | Vegetables, tinned or bottled(322;g) c/
- | Fish, tinned(407;g)
- | Raw sugar(801;kg) d/
- | Refined sugar(804;kg)

Vegetable oils(311)

- | Oil,soya bean(510 and 513;kg)
- | Oil,cotton seed(516 and 519;kg) e/
- | Oil,groundnut(522 and 525;kg)
- | Oils,other,of vegetable origin(534 & 537;kg)

Textiles(321)

- | Cotton yarn, pured and mixed(109;g) f/
- | Cotton woven fabrics(128;g) g/ h/
- | Woollen woven fabrics(134;g) g/ r/
- | Knitted fabrics(301;g)

Pulp and paper(341)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg) d/
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

Industrial chemicals(351)

- | Methanol(methyl alcohol)(121;g) c/
- | Chlorine(145;kg)
- | Sulphuric acid(147;kg)
- | Nitric acid(149;kg)
- | Ammonia(158;kg) c/
- | Caustic soda(159;kg)
- | Calcium carbide(173;kg) c/
- | Dyestuff-, synthetic(174;g) d/
- | Nitrogenous fertilizers(201;kg) c/
- | Phosphatic fertilizers(204 and 207;kg)
- | Potassic fertilizers(210;kg)
- | Insecticides,fungic.,disinfect.,etc.(216;g) c/
- | Rubber, synthetic(301;g)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECB average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
52.0	56.7	95.0	95.4	5.1	5.0	1.694	1.663
5901.0	4051.0	102.0	102.0	0.2	0.0	1.532	1.273
3129.0	2987.0	126.1	111.8	0.4	0.4	0.778	0.647
2380.0	2133.0	104.2	100.0	0.1	0.1	0.592	0.555
5589.0	7552.0	94.0	94.2	6.3	6.1	0.875	0.968
...	23423.0	...	96.7	...	3.3	...	0.859
1891.0	2039.0	80.3	86.9	22.8	17.0	1.132	1.178
31.3	30.7	82.9	88.1	17.1	11.9	0.786	0.714
65.2	62.1	72.7	72.0	27.3	28.2	1.618	1.518
28.6	33.2	111.5	110.1	0.0	0.0	2.119	1.877
4.2	3.9	121.2	138.1	0.0	0.0	1.556	2.600
0.8	1.2	116.7	117.5	0.0	0.2	0.471	1.000
6.7	...	69.2	...	36.9	...	0.663	...
...	5182.0	...	99.8	...	0.7	...	1.200
...	3294.0	...	98.2	...	2.0	...	1.074
...	287.0	...	97.1	...	3.1	...	0.240
2131.0	3567.0	97.0	100.5	4.2	0.6	1.375	1.515
19.2	18.1	96.0	97.6	4.2	3.6	0.897	0.667
2.6	2.6	108.1	111.5	0.0	0.0	1.238	1.444
137.6	151.3	96.0	96.0	8.5	8.3	1.742	1.694
44.3	43.7	33.3	35.5	68.2	55.6	1.710	1.674
49.6	66.5	98.9	98.1	2.5	3.8	1.555	1.830
...	13864.0	...	95.2	...	8.3	...	0.888
42.5	44.3	99.8	99.5	0.3	0.9	1.616	1.384
131.8	151.6	99.6	99.1	0.5	1.1	1.417	1.838
34.0	32.7	100.0	99.9	0.0	0.1	1.256	1.059
...	74.7	...	94.5	...	8.4	...	1.320
39.2	40.7	112.1	109.1	0.9	2.3	1.371	1.326
...	1.0	...	103.1	...	2.6	...	0.323
536.0	486.0	101.2	112.4	12.5	14.0	0.994	0.834
37.2	44.2	103.2	98.2	10.3	26.0	1.691	1.619
22.4	22.8	113.7	124.5	2.4	1.6	1.647	1.876
26.1	37.0	41.2	27.3	77.4	91.5	1.396	1.895
...	1916.0	...	153.8	...	8.4	...	0.953
10421.0	11099.0	107.8	104.6	5.1	6.2	1.518	1.449

UNITED STATES OF AMERICA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Petroleum refineries (352)</u>								
Distillate fuel oils (019; kg)	652.6	737.9	94.6	97.6	5.5	2.4	1.173	1.180
Residual fuel oils (022; kg)	556.7	684.2	36.1	59.5	65.9	40.9	0.971	1.292
<u>Iron & steel (371)</u>								
Wire rods (028; kg)	25.7	23.9	79.2	79.4	22.7	21.9	0.761	0.776
Angles, shapes, sections, 80 mm or more (036; kg)	31.6	25.9	80.4	73.3	21.7	28.4	1.121	1.032
Angles, shapes, sections, under 80 mm (037; kg)	66.9	65.8	96.8	98.7	3.3	1.4	0.997	1.011
Plates (heavy), over 4.75 mm (040; kg) [/ $\bar{\epsilon}$ /	...	69.1	...	51.6	...	48.4	...	1.294
Tubes, seamless (076; kg)	14.4	16.5	93.4	86.6	13.8	22.6	1.241	1.473
Tubes, welded (079; kg)	25.5	22.8	78.0	72.8	24.2	29.9	1.066	0.927
Steel castings in the rough state (085; kg) d/	7.1	7.3	101.5	101.2	0.0	0.0	1.224	1.431
Steel forgings (088; kg)	7.9	8.0	101.4	101.8	0.9	0.8	1.295	1.465
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004; g)	9458.0	9382.0	101.6	85.6	7.6	18.5	1.114	1.109
Aluminium, unwrought (022; g) a/	22674.0	27379.0	94.0	91.7	10.1	10.2	1.513	1.455
Lead, refined, unwrought (037; g)	6072.0	6151.0	83.9	85.1	16.5	15.2	1.326	1.261
Zinc, unwrought (043; g)	5264.0	4822.0	69.7	43.9	31.0	56.3	0.951	0.964
Tin, unwrought (049; g)	184.0	246.0	17.6	12.2	86.3	86.8	0.780	1.021

a/ Production data include additional related products.

b/ Production statistics do not provide for complete coverage.

c/ For second period: 1978 only.

d/ For second period: 1976 and 1977.

e/ Estimates.

f/ All data include medium plates of 3 to 4.75 mm (ISIC 371043).

UNITED STATES OF AMERICA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	External effects		Internal effects		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	116.3	-6.5	2.5	-12.3	15.8
Chemicals (5)	119.6	-8.0	10.4	-22.0	17.2
Manufactured goods classified chiefly by material (6)	117.9	-5.3	5.1	-17.7	12.3
Machinery and transport equipment (7)	120.2	-6.3	-4.8	-9.3	16.4
Miscellaneous manufactured articles (8)	123.2	-7.7	-2.8	-12.8	15.5
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	86.3	17.7	1.6	-5.6	20.0
Rubber manufactures, n.e.s. (62)	120.2	-5.7	-1.6	-13.0	17.4
Wood and cork manufactures, excluding furniture (63)	78.1	10.8	0.9	10.1	18.7
Paper, paperboard and manufactures thereof (64)	123.4	-4.1	-0.1	-19.1	12.4
Textile yarn, fabrics, made-up articles and related products (65)	65.6	-10.6	4.5	40.5	17.7
Non-metallic mineral manufactures, n.e.s. (66)	143.7	-8.2	-8.5	-27.1	16.5
Iron and steel (67) a/	165.9	8.9	9.2	-84.0	11.7
Non-ferrous metals (68)	207.1	3.1	20.2	-130.4	5.5
Manufactures of metal, n.e.s. (69)	109.4	-8.6	-0.5	-0.3	17.3
Machinery, other than electric (71)	113.7	-3.9	2.7	-12.5	15.4
Electrical machinery, apparatus and appliances (72)	107.5	-2.7	0.6	-5.5	18.6
Transport equipment (73)	133.6	-11.6	-14.1	-7.9	16.5
Clothing and footwear (84, 85)	109.5	2.2	3.4	-15.2	15.8

a/ Trade effects were estimated using data for the years 1971-1972 and 1977-1978. The rate of growth relates to 1971-1978.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1971	1978
Food products (311/2)	23.0	21.1	1.80	1.59	0.250	0.238
Beverages (313)	4.9	3.6	2.02	1.40	0.529	0.524
Tobacco (314)	4.0	3.3	3.54	3.23	0.733	0.759
Textiles (321)	14.2	17.4	2.86	3.90	0.444	0.270
Wearing apparel (322)	3.6	2.8	1.31	1.15	0.400 b/	0.428 b/
Leather and fur products (323)	1.7	2.6 e/	3.48	6.55 e/	0.360	0.392
Footwear (324)	1.4	1.1	1.73	2.08	...	...
Wood and cork products (331)	1.3	1.2	0.33	0.31	0.250	0.368
Furniture and fixtures excluding metal (332)	1.1	0.7 e/	0.45	0.29 e/	0.500	0.409
Paper (341)	1.9	2.6	0.43	0.62	0.444	0.425
Printing and publishing (342)	2.9	2.9	0.52	0.56	0.556	0.406
Industrial chemicals (351)	1.6	1.6	0.35	0.29	0.423 d/	0.418 d/
Other chemicals (352)	6.6	6.7	1.85	1.60	...	...
Petroleum refineries (353)	2.6	2.3	1.87	1.65	0.706 e/	0.490 e/
Miscellaneous products of petroleum and coal (354)	0.1	0.1	0.14	0.15	...	...
Rubber products (355)	4.0	5.0	3.28	4.12	0.667	0.374
Plastic products (356)	1.9	2.0 e/	1.32	1.09 e/	...	...
Pottery, china and earthenware (361)	0.3	0.5	0.68	1.09	0.467 f/	0.473 f/
Glass (362)	2.0	2.9	2.33	3.23	...	...
Other non-metallic mineral products (369)	4.2	6.1	1.17	1.78	...	...
Iron and steel (371)	0.3	0.4 e/	0.07	0.10 e/	0.250 g/	0.363 g/
Non-ferrous metals (372)	0.2	0.2 e/	0.09	0.09 e/	...	...
Metal products, excluding machinery (381)	4.2	4.0	0.56	0.53	0.429	0.468
Non-electrical machinery (382)	1.5	1.4 e/	0.18	0.17 e/	0.500	0.610
Electrical machinery (383)	3.8	3.8	0.56	0.49	0.429	0.432
Transport equipment (384)	5.2	2.2 e/	0.72	0.31 e/	0.500	0.421
Professional and scientific equipment, photographic and optical goods (385)	0.2	0.3	0.20	0.23	0.635 f/	0.516 h/

a/ Relative to all small countries with ample resources and industrial orientation.

b/ Including ISIC 324.

e/ Estimated.

d/ Including ISIC 352.

e/ Including ISIC 354.

f/ Including ISIC 362 and 369.

g/ Including ISIC 372.

h/ Including ISIC 390 and 356.

URUGUAY

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.19	1.00	1.49*
Beverages (313)	0.88	0.86	0.91
Tobacco (314)	2.50*	2.18	2.10*
Textiles (321)	2.88*	3.42*	2.06*
Wearing apparel (322)	0.67	0.61	0.67
Leather and fur products (323)	3.71*	4.16*	2.63**
Footwear (324)	0.93	1.05	0.90
Wood and cork products (331)	0.50	0.58	0.55*
Furniture and fixtures excluding metal (332)	0.51	0.61	0.48*
Paper (341)	0.98	0.91	0.98
Printing and publishing (342)	0.95	0.87	0.90
Industrial chemicals (351)	0.65	0.63	0.60*
Other chemicals (352)	2.72*	1.93	1.53*
Petroleum refineries (353)	1.07	0.58	1.28
Miscellaneous products of petroleum and coal (354)	0.32	0.27	0.88
Rubber products (355)	3.52*	3.51*	1.43
Plastic products (356)	1.47	1.23	1.31
Pottery, china and earthenware (361)	1.08	1.58	0.79
Glass (362)	5.23*	6.86*	2.53*
Other non-metallic mineral products (369)	1.39	1.49	1.40*
Iron and steel (371)	0.20*	0.30*	0.18*
Non-ferrous metals (372)	0.31	0.68	0.26*
Metal products, excluding machinery (381)	0.80	0.87	0.60*
Non-electrical machinery (382)	0.54	0.69	0.51*
Electrical machinery (383)	1.14	1.11	0.72
Transport equipment (384)	1.03	0.94	0.71
Professional and scientific equipment, photographic and optical goods (385)	0.44	0.49	0.73
Other manufactures (390)	0.84	1.31	0.73
Total manufacturing (300)	1.90*	2.39*	1.23

^{a/} Small countries with ample resources and industrial orientation.

VENEZUELA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output $\frac{g}{}$		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
	Food products (311/2)	10.0	11.0	0.89	0.84	...	0.294
Beverages (313)	4.8	5.3	1.02	1.08	...	0.662
Tobacco (314)	1.6	1.7	0.59	0.54	...	0.667
Textiles (321)	5.3	5.1	0.88	0.85	...	0.522
Wearing apparel (322)	2.6	2.4	0.69	0.64	...	0.392
Leather and fur products (323)	0.4	0.4	0.57	0.47	...	0.412
Footwear (324)	0.6	0.9	0.53	0.62	...	0.385
Wood and cork products (331)	1.2	1.1	0.74	0.61	...	0.407
Furniture and fixtures excluding metal (332)	1.2	1.2	0.75	0.81	...	0.430
Paper (341)	2.9	2.8	1.08	1.03	...	0.510
Printing and publishing (342)	2.3	2.5	1.01	1.21	...	0.509
Industrial chemicals (351)	2.2	1.6	1.06	1.06	...	0.535
Other chemicals (352)	5.4	5.6	1.05	1.03	...	0.546
Petroleum refineries (353)	36.2	32.2	1.13	1.21	...	0.600
Miscellaneous products of petroleum and coal (354)	0.2	0.2	0.65	0.53	...	0.614
Rubber products (355)	1.6	1.6	1.19	1.34	...	0.489
Plastic products (356)	1.2	2.5	1.16	1.32	...	0.542
Pottery, china and earthenware (361)	0.2	0.2	0.98	1.03	...	0.769
Glass (362)	0.7	1.4	1.14	1.22	...	0.646
Other non-metallic mineral products (369)	2.5	2.6	0.74	0.66	...	0.573
Iron and steel (371)	6.2	5.2	1.24	1.37	...	0.415
Non-ferrous metals (372)	0.7	1.0	1.32	1.49	...	0.444
Metal products, excluding machinery (381)	3.5	3.3	1.02	0.93	...	0.449
Non-electrical machinery (382)	1.1	1.2	0.84	0.69	...	0.221
Electrical machinery (383)	1.8	2.1	1.02	1.01	...	0.411
Transport equipment (384)	3.3	4.2	1.05	1.08	...	0.227
Professional and scientific equipment, photographic and optical goods (385)	0.0	0.2	0.50	1.20	...	0.681

$\frac{g}{}$ Relative to all small countries with ample resources and primary orientation.

VENEZUELA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	1.20	1.16	1.41
Beverages (313)	2.42*	2.49*	2.03*
Tobacco (314)	1.45	1.01	0.77
Textiles (321)	1.44	1.37	1.91
Wearing apparel (322)	1.34	1.21	0.85
Leather and fur products (323)	1.11	1.13	1.19
Footwear (324)	1.15	1.1*	0.74
Wood and cork products (331)	0.58	0.81	1.27
Furniture and fixtures excluding metal (332)	1.01	1.45	0.95
Paper (341)	1.69	1.74	1.63
Printing and publishing (342)	1.11	1.33	2.50*
Industrial chemicals (351)	0.80	0.67	1.05
Other chemicals (352)	2.03	1.09	1.26
Petroleum refineries (353)	15.35**	5.47*	1.95
Miscellaneous products of petroleum and coal (354)	0.60	0.40	0.78
Rubber products (355)	2.28	1.34	1.94
Plastic products (356)	2.30*	1.72	1.56
Pottery, china and earthenware (361)	0.93	1.15	1.01
Glass (362)	2.01	1.59	1.99
Other non-metallic mineral products (369)	0.98	1.04	1.52
Iron and steel (371)	2.81*	2.56	1.31
Non-ferrous metals (372)	0.87	1.10	1.86
Metal products, excluding machinery (381)	0.96	1.02	1.02
Non-electrical machinery (382)	0.49	0.60	0.98
Electrical machinery (383)	0.87	0.69	1.77
Transport equipment (384)	1.29	0.84	1.13
Professional and scientific equipment, photographic and optical goods (385)	0.36	0.48	1.27
Other manufactures (390)	0.69	1.06	1.49
Total manufacturing (300)	0.78	1.09	2.56*

^{a/} Small countries with ample resources and primary orientation.

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production | Imports				Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Food products (31)								
Beef and veal, fresh (101; kg)	19.1	22.2	100.0	92.6	0.0	7.4	0.622	0.653
Milk and cream, dried (204; g) a/	5702.0	12486.0	80.8	67.9	19.2	39.1	1.418	2.703
Butter (207; g)	482.0	726.0	100.0	72.1	0.0	27.9	0.120	0.189
Cheese (210; g)	2387.0	2808.0	99.3	76.6	1.7	23.5	0.374	0.356
Fish, tinned (407; g)	2615.0	2244.0	104.2	91.3	2.2	9.4	1.566	1.296
Flour, wheat (601; kg) b/ c/	36.3	...	99.9	...	0.1	...	0.614	...
Flour, cereal, other than wheat (607; kg)	15.8	...	100.0	...	0.1	...	2.194	...
Raw sugar (801; kg)	40.3	39.8	112.5	85.5	0.0	14.5	1.013	0.926
Refined sugar (804; kg) d/	36.6	43.9	104.3	85.3	0.0	14.8	0.908	1.073
Prepared animal feeds (312201; kg)	75.4	...	99.6	...	0.5	...	0.537	...
Textiles (32)								
Cotton yarn, pure and mixed (109; g)	1225.0	...	100.0	...	0.0	...	0.278	...
Cotton woven fabrics (128; g) e/	1286.0	...	100.0	...	0.0	...	0.397	...
Woollen woven fabrics (134; g)	253.0	...	98.7	...	1.3	...	0.204	...
Knitted fabrics (301; g) f/	221.0	...	87.0	...	13.1	...	0.143	...
Pulp and paper (34)								
Pulp of fibres other than wood (104; kg) b/ c/ a/	31.9	4.2	100.0	100.0	0.0	0.0	15.190	2.333
Other printing and writing paper (122; kg)	3.2	5.8	77.6	83.5	22.6	16.5	0.100	0.142
Industrial chemicals (35)								
Methanol (methyl alcohol) (121; g)	554.0	659.0	0.0	0.0	100.0	100.0	0.066	0.041
Sulphuric acid (147; kg) a/	5.6	8.5	95.0	53.3	5.6	55.8	0.060	0.086
Nitric acid (149; kg)	1.2	...	99.9	...	0.1	...	0.044	...
Ammonia (158; kg) d/	...	7.5	...	300.0	...	0.0	...	0.133
Caustic soda (159; kg) a/	3.1	4.0	27.9	11.4	72.1	88.6	0.108	0.130
Dyestuffs, synthetic (174; g)	166.0	219.0	0.0	0.0	100.0	100.0	0.308	0.398
Nitrogenous fertilizers (201; kg)	8.7	23.4	9.0	22.7	91.0	91.7	0.395	0.857
Phosphatic fertilizers (204 and 207; kg) a/	1.1	3.9	58.1	39.7	41.9	60.3	0.081	0.287
Potassic fertilizers (210; kg) a/	1.4	3.3	0.0	0.0	100.0	100.0	0.075	0.161
Petroleum refineries (353)								
Distillate fuel oils (019; kg)	...	354.2	...	141.0	...	0.0	...	0.570
Residual fuel oils (022; kg)	...	837.7	...	277.0	...	0.0	...	1.582
Iron & steel (37)								
Angles, shapes, sections, under 80 mm (037; kg)	2.2	3.5	0.0	0.0	100.0	100.0	0.033	0.054
Plates (heavy), over 4.75 mm (040; kg) d/	...	16.9	...	36.2	...	63.8	...	0.407
Tubes, seamless (076; kg) b/ e/	16.0	...	75.4	...	26.7	...	1.379	...

VENEZUELA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the JECJ average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g)	...	409.0	...	0.0	...	100.0	...	0.048
Aluminium, unwrought (022;g)	1150.0	5665.0	178.9	82.8	0.3	32.2	0.077	0.301
Zinc, unwrought (043;g)	877.0	1285.0	0.0	0.0	100.0	100.0	0.168	0.254
Tin, unwrought (049;g)	16.0	28.0	0.0	0.0	100.0	100.0	0.068	0.116

- a/ For second period: 1976 and 1977.
- b/ Trade data for 1970 refer only to trade with OECD countries.
- c/ For first period: 1970 only.
- d/ For second period: 1976 only.
- e/ Estimates.
- f/ For first period: 1971 and 1972.

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output a/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1979
	Food products (311/2)	10.9	9.9	1.20	1.11	0.229	0.209
Beverages (313)	2.4	2.7	1.20	1.28	0.461	0.339
Tobacco (314)	3.2	2.8	3.25	2.90	0.469	0.297
Textiles (321)	9.5	8.1	1.77	1.74	0.415	0.364
Wearing apparel (322)	3.8	3.3	1.38	1.28	0.382	0.430
Leather and fur products (323)	1.3	1.1	2.70	2.58	0.278	0.274
Footwear (324)	1.8	1.4	2.41	2.29	0.438	0.352
Wood and cork products (331)	3.4	3.3	1.58	1.79	0.468	0.390
Furniture and fixtures excluding metal (332)	3.8	3.6	2.22	2.09	0.444	0.394
Paper (341)	2.7	2.6	0.76	0.78	0.318	0.269
Printing and publishing (342)	4.9	4.0	1.09	1.00	0.556	0.495
Industrial chemicals (351)	3.5	4.4	0.75	0.78	0.442	0.249
Other chemicals (352)	2.6	3.7	0.66	0.80	0.307	0.276
Petroleum refineries (353)	1.8	2.6	0.79	1.15	0.512	0.133
Miscellaneous products of petroleum and coal (354)	0.7	0.6	2.04	1.64	...	0.167
Rubber products (355)	1.2	1.4	0.79	0.93	0.485	0.294
Plastic products (356)	0.7	1.1	0.44	0.52	...	0.341
Pottery, china and earthenware (361)	0.5	0.5	0.92	0.94	0.506	0.489
Glass (362)	1.0	0.9	1.04	0.90	0.476	0.387
Other non-metallic mineral products (369)	3.9	3.9	1.28	1.31	0.529	0.436
Iron and steel (371)	4.3	4.4	0.64	0.77	0.344	0.198
Non-ferrous metals (372)	2.6	2.7	1.47	1.64	0.298	0.158
Metal products, excluding machinery (381)	9.4	9.2	1.35	1.38	0.387	0.398
Non-electrical machinery (382)	5.2	5.5	0.47	0.51	0.429	0.422
Electrical machinery (383)	5.9	7.2	0.75	0.80	0.382	0.328
Transport equipment (384)	7.8	7.8	0.80	0.75	0.341	0.279
Professional and scientific equipment, photographic and optical goods (385)	0.8	0.9	0.43	0.44	0.551	0.440

a/ Relative to all large countries.

b/ Including ISIC 356.

YUGOSLAVIA

RELATIVE DEGREE OF INDUSTRIALIZATION

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (372)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

399

a/ Large countries.

IN THE 1970s BY INDUSTRIAL BRANCH

All countries	Developed countries	Comparable country group 2/
0.96	1.21	0.94
1.27	1.20	0.82
3.23*	3.83*	2.33*
1.42	0.95	1.43
1.71	0.83	1.13
2.49*	1.32	2.08*
2.40	1.14	3.17*
2.22	1.80	2.09
3.85*	2.04*	3.94*
1.47	1.93*	1.36
2.37*	3.31**	2.09*
1.57	1.17	1.45
1.30	1.73	1.02
1.78	1.56	1.12
2.54	3.4.	1.96
1.04	1.02	0.94
0.83	0.88	0.83
1.55	1.06	1.43
1.49	1.02	0.92
1.60	1.14	1.30
1.36	1.19	1.01
3.13	1.61	2.01*
2.20*	1.65*	2.26*
1.44	1.40	1.22
1.47	1.19	1.90
1.73	1.22	1.25
1.33	1.35	1.59
0.33*	0.21*	0.41*
1.70	0.93	1.58*

YUGOSLAVIA

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products(311)

- | Beef and veal, fresh(101;kg)
- | Milk and cream, condensed(201;g) a/
- | Milk and cream, dried(204;g)
- | Butter(207;g)
- | Cheese(210;g)
- | Vegetables, tinned or bottled(322;g)
- | Fish, tinned(407;g)
- | Margarine, imitation lard, etc.(501;g) b/ c/
- | Flour, wheat(501;kg) d/
- | Meal and groats of all cereals(504;kg)
- | Flour, cereal, other than wheat(507;kg) e/
- | Bread, ships' biscuits, etc.(704;kg)
- | Raw sugar(801;kg) b/ g/
- | Refined sugar(804;kg)
- | Prepared animal feeds(312201;kg)

Vegetable oils(311)

- | Oil, olive(528 and 531;kg) d/
- | Oils, other, of vegetable origin(534 & 537;kg)

Textiles(321)

- | Wool yarn, pure and mixed(103;g)
- | Cotton yarn, pure and mixed(109;g)
- | Knitted fabrics(301;g)

Pulp and paper(331)

- | Wood pulp, mechanical(101;kg)
- | Pulp of fibres other than wood(104;kg) a/
- | Wood pulp, sulphate and soda(110;kg)
- | Newsprint(119;kg)
- | Other printing and writing paper(122;kg)

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
5.7	9.7	140.2	119.0	3.1	9.1	0.186	0.285
79.0	44.0	99.7	100.7	0.3	0.0	0.021	0.014
499.0	773.0	52.5	33.0	47.5	17.4	0.124	0.167
483.0	492.0	43.9	75.6	56.1	24.5	0.120	0.120
1036.0	1854.0	101.8	103.7	0.3	0.0	0.16	0.235
4665.0	5985.0	96.3	101.4	6.0	3.0	0.456	0.222
712.0	724.0	166.3	192.2	6.6	0.1	0.426	0.418
1633.0	2092.0	100.0	100.0	0.0	0.0	0.281	0.332
108.9	110.1	100.0	100.1	0.0	0.0	1.843	1.911
1.6	0.7	79.7	100.0	20.5	0.0	0.086	0.121
2.4	1.6	99.6	101.1	0.4	0.0	0.333	0.316
29.4	45.9	100.0	100.0	0.0	0.0	1.073	1.522
21.3	29.1	86.7	97.3	13.3	2.7	0.535	0.577
22.7	35.1	77.5	84.3	26.5	15.8	0.563	0.358
72.4	100.6	100.5	99.5	0.4	0.6	0.515	0.491
0.3	0.2	70.7	82.0	29.3	16.0	0.022	0.014
13.3	17.6	96.3	97.4	3.9	2.7	1.317	2.173
1939.0	2088.0	100.0	98.9	0.2	1.2	0.734	1.091
4424.0	4560.0	111.2	119.6	3.7	0.7	1.005	1.958
984.0	1285.0	89.9	93.7	10.7	6.7	0.636	0.533
4.6	5.0	99.3	102.2	0.7	2.9	0.215	0.168
0.3	0.4	91.1	65.6	9.1	34.4	0.143	0.222
9.5	12.2	90.2	75.7	11.1	24.7	0.124	0.137
4.5	3.5	83.5	121.6	25.1	0.4	0.174	0.134
6.1	8.8	112.8	103.7	9.6	10.7	0.191	0.216

YUGOSLAVIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
			As a percentage of apparent consumption					
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
Industrial chemicals (351)								
Methanol (methyl alcohol) (21;g) d/	1253.0	...	11.9	...	88.1	...	0.150	...
Chlorine (145;kg)	2.4	2.1	99.0	93.9	2.5	5.9	0.091	0.066
Sulphuric acid (147;kg)	35.0	43.6	103.5	91.2	0.5	6.4	0.375	0.443
Nitric acid (149;kg)	30.9	30.2	99.3	98.8	0.7	1.2	1.140	0.987
Ammonia (158;kg)	22.8	26.0	90.6	87.4	9.4	12.5	0.792	0.459
Caustic soda (159;kg)	5.9	10.9	76.2	36.1	34.9	62.3	0.206	0.355
Calcium carbide (173;kg)	3.1	1.4	135.2	115.5	10.6	0.0	0.478	0.452
Nitrogenous fertilizers (201;kg) f/	16.6	18.6	76.7	73.6	33.0	36.4	0.755	0.681
Phosphatic fertilizers (204 and 207;kg) g/	9.0	9.4	109.7	110.6	4.5	13.5	0.662	0.691
Potassic fertilizers (210;kg) g/	8.1	8.0	0.0	0.0	100.0	100.0	0.433	0.390
Insecticides, fungic., disinfect., etc. (216;g)	1585.0	2729.0	116.3	107.8	19.3	9.0	0.749	1.372
Petroleum refineries (353)								
Distillate fuel oils (019;kg)	134.9	154.4	87.1	98.1	15.9	10.4	0.243	0.249
Residual fuel oils (022;kg)	150.8	278.7	90.5	92.0	13.0	9.9	0.263	0.528
Iron & steel (371)								
Other ferro-alloys (013;kg)	3.4	5.1	168.0	163.6	5.5	6.1	0.382	0.510
Wire rods (028;kg)	13.2	19.4	80.0	86.7	20.3	14.5	0.401	0.630
Angles, shapes, sections, 80 mm or more (036;kg)	5.6	9.6	87.5	77.0	42.4	24.5	0.199	0.382
Angles, shapes, sections, under 80 mm (037;kg)	36.3	48.5	97.9	103.0	4.4	3.0	0.541	0.745
Plates (heavy), over 4.75 mm (040;kg)	22.3	24.3	63.4	79.1	46.8	22.9	0.509	0.686
Plates (medium), 3 to 4.75 mm (043;kg)	6.4	3.9	97.0	92.5	4.9	13.3	0.500	0.328
Tubes, seamless (076;kg)	5.1	6.4	74.8	82.0	39.1	38.3	0.440	0.571
Tubes, welded (079;kg)	9.6	11.5	98.4	123.7	17.2	22.4	0.397	0.467
Steel castings in the rough state (085;kg)	2.1	2.8	110.6	106.3	0.2	0.9	0.362	0.549
Steel forgings (088;kg)	3.1	3.7	101.1	100.7	0.9	1.1	0.506	0.473
Non-ferrous metals (372)								
Copper, refined, unwrought (004;g)	4603.0	5751.0	109.8	114.7	48.1	10.7	0.542	0.660
Aluminium, unwrought (022;g)	4223.0	7720.0	64.1	117.2	58.8	23.6	0.282	0.411
Lead, refined, unwrought (037;g)	2600.0	3499.0	177.0	156.6	14.2	7.6	0.568	0.717
Zinc, unwrought (043;g) f/	2555.0	2852.0	105.8	155.4	35.9	17.1	0.462	0.563

- g/ For first period: 1971 and 1972.
 h/ For first period: 1971 only.
 s/ For second period: 1976 and 1978.
 d/ For first period: 1970 and 1971.
 g/ For second period: 1976 and 1977.
 f/ Production data include additional related products.

YUGOSLAVIA

INDICATORS OF EXPORT PERFORMANCE BY PRODUCT GROUP, 1970-1972 AND 1976-1978
(PERCENTAGE)

EXPORT (SITC)	----- External effects -----		----- Internal effects -----		Compound rate of growth 1970-1978
	Demand in world market	Change in market composition	Change in product composition	Competitiveness	
Total manufactures (5 to 8)	107.3	22.3	0.9	-30.5	17.7
Chemicals (5)	113.7	11.2	-8.7	-16.2	21.9
Manufactured goods classified chiefly by material (6)	133.2	49.8	-8.6	-73.4	12.4
Machinery and transport equipment (7)	84.2	26.4	11.5	-21.2	21.6
Miscellaneous manufactured articles (8)	119.2	-18.9	6.2	-6.5	17.9
Selected product groups:					
Leather, leather manufactures, n.e.s. and dressed fur skins (61)	...	...	...	...	...
Rubber manufactures, n.e.s. (62)	37.6	10.1	0.3	52.0	33.1
Wood and cork manufactures, excluding furniture (63)	117.4	-2.6	7.7	-22.3	13.7
Paper, paperboard and manufactures thereof (64)	123.2	18.9	5.8	-47.9	11.4
Textile yarn, fabrics, made-up articles and related products (65)	94.6	14.7	5.9	-15.2	13.6
Non-metallic mineral manufactures, n.e.s. (66)	138.1	11.6	-8.1	-11.3	16.3
Iron and steel (67)	113.1	64.7	11.0	-88.8	12.4
Non-ferrous metals (68)	...	...	...	...	...
Manufactures of metal, n.e.s. (69)	108.8	111.1	5.7	-125.6	18.6
Machinery, other than electric (71)	50.9	21.7	2.6	24.8	28.6
Electrical machinery, apparatus and appliances (72)	114.8	27.1	-2.6	-39.1	19.4
Transport equipment (73)	101.1	27.8	22.6	-51.6	19.5
Clothing and footwear (84, 85)	134.3	-29.8	-1.4	-3.0	13.6

ZAIRE

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (I S I C)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/	
	1970	1978	1970	1978
	Food products (311/2)	10.4	15.3	1.14	1.71
Beverages (313)	17.4	21.8	8.60	10.25
Tobacco (314)	7.2	5.0	7.24	5.28
Textiles (321)	6.7	8.6	1.25	1.85
Wearing apparel (322)	4.6	5.0 b/	1.69	1.92 b/
Leather and fur products (323)	0.2	0.3	0.49	0.75
Footwear (324)	9.2	4.9	12.41	8.24
Wood and cork products (331)	4.3	0.7	2.00	0.37
Furniture and fixtures excluding metal (332)	0.6	0.2 b/	0.35	0.09 b/
Paper (341)	0.1	0.4 b/	0.03	0.12 b/
Printing and publishing (342)	1.0	1.5 b/	0.22	0.38 b/
Industrial chemicals (351)	9.1	8.9	1.95	1.59
Other chemicals (352)	0.4	0.3 b/	0.10	0.06 b/
Petroleum refineries (353)	7.5	2.2	3.33	0.95
Miscellaneous products of petroleum and coal (354)	-	-	-	-
Rubber products (355)	0.1	0.2	0.05	0.14
Plastic products (356)	-	-	-	-
Pottery, china and earthenware (361)	0.2	0.2	0.40	0.35
Glass (362)	0.5	0.5	0.59	0.45
Other non-metallic mineral products (369)	2.2	2.5	0.71	0.85
Iron and steel (371)	2.8	4.0	0.41	0.70
Non-ferrous metals (372)	2.0	1.4	1.14	0.84
Metal products, excluding machinery (381)	2.5	1.8	0.35	0.27
Non-electrical machinery (382)	4.5	4.1 b/	0.40	0.38 b/
Electrical machinery (383)	1.1	2.2 b/	0.14	0.24 b/
Transport equipment (384)	1.6	5.9	0.17	0.56
Professional and scientific equipment, photographic and optical goods (385)	-	-	-	-

g/ Relative to all large countries.
b/ Estimated.

ZAIRE

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group g/
Food products (311/2)	0.52	0.55	0.62*
Beverages (313)	4.03*	4.11*	3.73*
Tobacco (314)	0.85	0.92	0.62
Textiles (321)	0.40*	0.40*	0.37*
Wearing apparel (322)	1.70	2.05	2.40
Leather and fur products (323)	0.38*	0.41*	0.80*
Footwear (324)	4.84*	5.27*	6.79*
Wood and cork products (331)	0.91	0.87	1.00
Furniture and fixtures excluding metal (332)	0.57	0.56	0.79
Paper (341)	0.16**	0.16*	0.19**
Printing and publishing (342)	0.59	0.55	0.65
Industrial chemicals (351)	6.02*	6.67*	5.92*
Other chemicals (352)	0.10**	0.12**	0.09***
Petroleum refineries (353)	1.12	1.81	0.91
Miscellaneous products of petroleum and coal (354)	-	-	-
Rubber products (355)	0.19*	0.21*	0.15**
Plastic products (356)	-	-	-
Pottery, china and earthenware (361)	0.46	0.40	0.48
Glass (362)	1.05	1.15	0.49*
Other non-metallic mineral products (369)	0.55	0.59	0.66
Iron and steel (371)	1.85	1.75	1.66
Non-ferrous metals (372)	2.01	1.54	0.88
Metal products, excluding machinery (381)	0.74	0.73	0.70
Non-electrical machinery (382)	5.15*	4.40*	5.43***
Electrical machinery (383)	1.27	1.39	1.47
Transport equipment (384)	1.61	1.93	1.35
Professional and scientific equipment, photographic and optical goods (385)	-	-	-
Other manufactures (390)	3.46*	2.85	3.44*
Total manufacturing (300)	0.81	0.79	0.85

g/ Large countries.

ZAIRE

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES

Product (ISIC: unit of measurement)	Average annual per capita apparent consumption		Production As a percentage of apparent consumption		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972		1970-1972		1970-1972		1970-1972	
	1976-1978	1978	1976-1978	1978	1972	1978	1972	1978
Food products (311)	...	...	...	...	...	...	...	...
Beef and veal, fresh (101:kg) a/	1.31	...	68.01	...	32.01	...	0.042	...
Butter (207:g) a/	54.01	...	30.01	...	70.81	...	0.014	...
Cheese (210:g) a/	91.01	...	0.41	...	99.61	...	0.014	...
Flour, cereal, other than wheat (607:kg) a/	6.41	...	98.91	...	1.11	...	0.780	...
Prepared animal feeds (312201:kg) a/	0.91	...	69.21	...	10.01	...	0.006	...
Vegetable oils (311)	-	...	146.01	...	0.01	...	0.000	...
Oil, cotton seed (516 and 519:kg) a/ a/	0.11	...	98.21	...	1.91	...	0.059	...
Oil, groundnut (522 and 525:kg) a/ b/	403.01	...	93.81	...	6.21	...	0.124	...
Textiles (321)	-	...	0.01	...	100.01	...	0.000	...
Cotton woven fabrics (128:kg) a/ a/	-	...	0.01	...	100.01	...	0.001	...
Pulp and paper (321)	5.01	...	0.01	...	100.01	...	0.000	...
Wood pulp, mechanical (101:kg) b/	-	...	0.01	...	100.01	...	0.000	...
Industrials (351-355)	6.41	...	99.21	...	0.81	...	0.069	...
Methanol (methyl alcohol) (121:g) a/	-	...	0.01	...	100.01	...	0.000	...
Chlorine (145:kg) d/	-	...	0.01	...	100.01	...	0.000	...
Sulphuric acid (147:kg) a/	-	...	0.01	...	100.01	...	0.000	...
Nitric acid (149:kg) a/	0.31	...	0.01	...	100.01	...	0.010	...
Ammonia (158:kg) a/	16.01	...	0.01	...	100.01	...	0.000	...
Caustic soda (159:kg) a/	0.11	...	0.01	...	100.01	...	0.030	...
Calcium carbide (173:kg) a/	0.21	...	0.01	...	100.01	...	0.005	0.007
Dyestuffs, synthetic (174:kg) a/	0.21	...	0.01	...	100.01	...	0.000	0.015
Nitrogenous fertilizers (201:kg) a/	-	...	0.01	...	100.01	...	0.000	0.000
Phosphatic fertilizers (204 and 207:kg) a/	0.11	...	0.01	...	100.01	...	0.000	0.000
Potassic fertilizers (210:kg) a/	162.01	...	31.01	...	69.01	...	0.077	...
Insecticides, fungic., disinfect., etc. (216:g) a/	8.01	...	0.01	...	100.01	...	0.001	...
Rubber, synthetic (201:g) a/	16.11	...	50.01	...	50.01	...	0.029	...
Plastic (291:kg) a/	11.81	...	108.91	...	8.11	...	0.021	...
Distillate fuel oils (22:kg) a/	-	...	0.01	...	100.01	...	0.000	...
Residual fuel oils (22:kg) a/	0.51	...	0.01	...	100.01	...	0.003	...
Iron & alloys (321)	0.61	...	0.01	...	100.01	...	0.009	...
Other ferro-alloys (013:kg) b/	-	...	0.01	...	100.01	...	0.000	...
Wire rods (028:kg) a/	0.51	...	0.01	...	100.01	...	0.016	...
Angles, shapes, sections, 80 mm or more (076:kg) a/	0.61	...	0.01	...	100.01	...	0.009	...
Angles, shapes, sections, under 80 mm (037:kg) d/	-	...	0.01	...	100.01	...	0.000	...
Plates (heavy), over 4.75 mm (040:kg) a/	0.21	...	0.01	...	100.01	...	0.015	...
Plates (medium), 3 to 4.75 mm (043:kg) b/	0.51	...	0.01	...	100.01	...	0.021	...
Tubes, welded (079:kg) b/	-	...	0.01	...	100.01	...	0.000	...
Steel castings in the rough state (085:kg) a/	-	...	0.01	...	100.01	...	0.000	...
Steel forgings (088:kg) b/	-	...	0.01	...	100.01	...	0.000	...

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
	As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption		As a percentage of apparent consumption	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Lead, refined, unwrought (037;g) <u>d/</u>	75.0	...	93.5	...	6.5	...	0.016	...
Zinc, unwrought (043;g) <u>a/</u>	15.0	...	19148.3	...	0.0	...	0.003	...
Tin, unwrought (049;g) <u>a/</u>	4.0	...	1575.8	...	3.8	...	0.017	...

a/ For first period: 1970 and 1972.

b/ For first period: 1970 only.

c/ Estimates.

d/ For first period: 1972 only.

e/ For second period: 1976 and 1977.

ZAMBIA

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output ^{a/}		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1974
	Food products (311/2)	28.2	24.9	2.20	1.88	0.231	0.185
Beverages (313)	14.7	13.0	6.09	5.05	0.749 ^{b/}	0.639 ^{b/}
Tobacco (314)	4.5	4.0	3.97	3.93	...	...
Textiles (321)	3.2	4.1	0.65	0.91	0.169	0.365
Wearing apparel (322)	5.7	7.2	2.07	2.93	0.420	0.386
Leather and fur products (323)	1.1	1.3 ^{c/}	2.25	3.27 ^{c/}	0.382 ^{d/}	0.430 ^{d/}
Footwear (324)	0.4	0.5 ^{c/}	0.50	0.92 ^{c/}	...	...
Wood and cork products (331)	3.0	2.1	0.74	0.56	0.484	0.294
Furniture and fixtures excluding metal (332)	1.6	1.3 ^{c/}	0.67	0.57 ^{c/}	0.440	0.503
Paper (341)	2.0	2.8	0.46	0.67	0.356	0.366
Printing and publishing (342)	2.6	3.3 ^{c/}	0.47	0.63 ^{c/}	0.393	0.521
Industrial chemicals (351)	3.0	3.5	0.67	0.64	0.075	0.637
Other chemicals (352)	5.1	5.9	1.42	1.41	0.199	0.820
Petroleum refineries (353)	0.4	3.4	0.27	2.45	0.440 ^{e/}	0.821 ^{e/}
Miscellaneous products of petroleum and coal (354)	0.2	0.2	0.30	0.43	...	...
Rubber products (355)	3.3	3.8	2.73	3.17	0.263	0.458
Plastic products (356)	0.6	0.7	0.45	0.41	0.220	0.347
Pottery, china and earthenware (361)	0.1	0.1	0.25	0.31	...	0.220 ^{f/}
Glass (362)	0.1	0.1	0.13	0.14	...	...
Other non-metallic mineral products (369)	1.9	2.2	0.52	0.65	0.547 ^{g/}	0.520
Iron and steel (371)	1.9	1.8	0.41	0.43	0.657	0.576
Non-ferrous metals (372)	0.6	0.3	0.36	0.16	...	0.495
Metal products, excluding machinery (381)	7.1	6.0	0.94	0.80	0.390	0.409
Non-electrical machinery (382)	2.5	2.1	0.30	0.26	0.349	0.437
Electrical machinery (383)	3.1	2.6	0.46	0.35	0.253	0.484
Transport equipment (384)	2.6	2.2	0.37	0.31	0.219	0.372
Professional and scientific equipment, photographic and optical goods (385)	-	0.0	-	0.03	-	-

^{a/} Relative to all small countries with ample resources and industrial orientation.

^{b/} Including ISIC 314.

^{c/} Estimated.

^{d/} Including ISIC 324.

^{e/} Including ISIC 354.

^{f/} Including ISIC 362.

^{g/} Including ISIC 361.

ZAMBIA

RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s

408

Branch (ISIC)

Food products (311/2)
Beverages (313)
Tobacco (314)
Textiles (321)
Wearing apparel (322)
Leather and fur products (323)
Footwear (324)
Wood and cork products (331)
Furniture and fixtures excluding metal (332)
Paper (341)
Printing and publishing (342)
Industrial chemicals (351)
Other chemicals (352)
Petroleum refineries (353)
Miscellaneous products of petroleum and coal (354)
Rubber products (355)
Plastic products (356)
Pottery, china and earthenware (361)
Glass (362)
Other non-metallic mineral products (369)
Iron and steel (371)
Non-ferrous metals (372)
Metal products, excluding machinery (381)
Non-electrical machinery (382)
Electrical machinery (383)
Transport equipment (384)
Professional and scientific equipment,
photographic and optical goods (385)
Other manufactures (390)

Total manufacturing (300)

3/ Small countries with ample resources and industrial orientation.

BY INDUSTRIAL BRANCH

All countries	Developing countries	Comparable country group <u>a/</u>
1.28	1.17	0.90
2.78*	2.72*	1.76*
1.40	1.42	0.90
0.44*	0.50	0.45*
1.81	1.79	1.09
1.30	1.40	0.67
0.29*	0.31*	0.20**
1.06	1.06	1.03
1.21	1.25	0.90
1.49	1.44	1.28
1.33	1.20	1.10
2.24	2.32	0.86
2.27*	2.23*	1.09
0.70	0.66	0.33
0.66	0.71	1.07
3.97*	4.75*	1.25
0.81	0.83	0.56*
0.34*	0.38	0.35*
0.29*	0.39	0.21**
0.94	0.98	0.79
1.06	1.42	1.51
0.72	1.08	0.55
2.15*	2.25*	1.34
2.48*	2.64	1.81*
2.13	2.30	1.27
1.77	1.96	0.70
0.21*	0.18*	0.60
0.38	0.43	0.80
1.35	1.50	0.87

ZAMBIA

INDICATORS OF APPARENT CONS

Product (ISIC; unit of measurement)

Food products (311)

- | Beef and veal, fresh (101;kg) a/
- | Butter (207;g) t/
- | Cheese (210;g) t/
- | Margarine, imitation lard, etc. (501;g)
- | Flour, wheat (601;kg) b/
- | Meal and groats of all cereals (604;kg)
- | s/ sugar (801;kg) s/
- | Refined sugar (804;kg) b/
- | Prepared animal feeds (312201;kg)

Textiles (321)

- | Cotton woven fabrics (128;g) d/ b/

Pulp and paper (341)

- | Newsprint (119;kg) t/
- | Other printing and writing paper (122;kg) b/

Industrial chemicals (351)

- | Sulphuric acid (147;kg) a/ b/
- | Ammonia (158;kg) f/
- | Nitrogenous fertilizers (201;kg) f/ b/
- | Phosphatic fertilizers (204 and 207;kg) b/
- | Potassic fertilizers (210;kg) b/

Petroleum refineries (352)

- | Distillate fuel oils (019;kg) t/
- | Residual fuel oils (022;kg) b/

Iron & steel (371)

- | Other ferro-alloys (013;kg) b/
- | Angles, shapes, sections, 80 mm or more (036;kg) b/
- | Angles, shapes, sections, under 80 mm (037;kg)
- | Tubes, welded (079;kg) t/

CONSUMPTION OF SELECTED MANUFACTURES

Average annual per capita apparent consumption		Production		Imports		Per capita apparent consumption as a ratio to the OECD average (weighted)	
		As a percentage of apparent consumption					
1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
8.1	5.9	76.9	99.6	23.1	0.4	0.264	0.174
287.0	387.0	12.3	8.7	87.7	91.3	0.071	0.101
259.0	135.0	48.8	88.7	51.6	11.3	0.041	0.017
803.0	...	100.0	...	0.0	...	0.138	...
15.8	17.9	94.3	98.9	5.7	1.1	0.267	0.311
62.3	...	100.0	...	0.0	...	3.352	...
10.4	13.9	99.9	99.4	0.1	0.6	0.261	0.323
13.2	14.1	72.9	100.2	27.1	0.0	0.328	0.346
13.7	...	96.3	...	3.7	...	0.698	...
...	426.0	...	93.3	...	6.7	...	0.139
0.4	0.3	0.0	0.0	100.0	100.0	0.015	0.011
1.3	0.7	0.0	0.0	100.0	100.0	0.041	0.017
41.3	54.2	95.9	105.7	4.1	0.0	0.444	0.350
0.4	...	0.0	...	100.0	...	0.014	...
19.2	23.0	9.0	0.5	91.2	95.5	0.873	0.842
2.3	3.2	0.0	0.0	100.0	100.0	0.169	0.236
1.3	1.2	0.0	0.0	100.0	100.0	0.070	0.059
...	69.2	...	101.0	...	0.0	...	0.111
...	39.7	...	100.0	...	0.0	...	0.075
...	0.2	...	82.3	...	17.7	...	0.020
4.8	1.6	0.0	0.0	100.0	100.0	0.170	0.064
-	...	0.0	...	100.0	...	0.000	...
3.4	0.8	0.0	0.0	100.0	100.0	0.140	0.033

ZAMBIA

INDICATORS OF APPARENT CONSUMPTION OF SELECTED MANUFACTURES (CONTINUED)

Product (ISIC; unit of measurement)	Average annual per capita apparent consumption		Production + Imports As a percentage of apparent consumption				Per capita apparent consumption as a ratio to the OECD average (weighted)	
	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978	1970-1972	1976-1978
<u>Non-ferrous metals (372)</u>								
Copper, refined, unwrought (004;g)	3918.0	...	3442.0	...	1.6	...	0.462	...
Lead, refined, unwrought (037;g) b/	643.0	37.0	980.9	7244.5	0.4	2.9	0.140	0.008
Zinc, unwrought (043;g)	472.0	...	2749.0	...	0.0	...	0.085	...

- g/ For second period: 1976 only.
 b/ For second period: 1976 and 1977.
 c/ For second period: 1977 only.
 d/ Estimates.
 e/ For first period: 1972 only.
 f/ For first period: 1971 and 1972.

ZIMBABWE

INDICATORS OF NET MANUFACTURING OUTPUT

Branch (ISIC)	Composition of manufacturing value added (percentage)		Relative specialization in manufacturing output g/		Ratio of value added to gross output	
	1970	1978	1970	1978	1970	1978
Food products (311/2)	9.6	11.9	0.37	0.69	0.21 ^f	0.238
Beverages (313)	5.6	6.8	1.17	1.21	0.579	0.595
Tobacco (314)	2.9	3.5	0.93	1.05	0.586	0.561
Textiles (321)	8.8	9.1	0.66	0.79	0.319	0.319
Wearing apparel (322)	7.2	5.6	1.40	0.72	0.433	0.460
Leather and fur products (323)	0.2	0.2 ^{b/}	0.26	0.27 ^{b/}	...	...
Footwear (324)	2.7	2.1	1.63	1.66	0.421	0.528
Wood and cork products (331)	1.8	1.3	0.74	0.58	0.468	0.475
Furniture and fixtures excluding metal (332)	2.2	1.6	1.42	1.38	0.484	0.447
Paper (341)	3.1	2.9	1.41	1.28	0.446	0.344
Printing and publishing (342)	4.5	4.3	1.57	1.48	0.607	0.604
Industrial chemicals (351)	5.0	5.0	2.44	1.94	0.363 ^{e/}	0.329 ^{e/}
Other chemicals (352)	5.4	5.5	1.71	1.36	0.497	0.478
Petroleum refineries (353)	0.0	0.0	0.01	0.01	...	...
Miscellaneous products of petroleum and coal (354)	0.3	0.3 ^{b/}	0.20	0.32 ^{b/}	...	...
Rubber products (355)	2.1	2.0 ^{b/}	1.61	1.83 ^{b/}	0.483	0.444
Plastic products (356)	1.2	1.8 ^{b/}	0.52	0.55 ^{b/}	0.504	0.477
Pottery, china and earthenware (361)	0.1	0.0	0.34	0.15	0.577 ^{d/}	0.572 ^{d/}
Glass (362)	0.0	0.0	0.08	0.05	...	...
Other non-metallic mineral products (369)	4.6	3.0	1.49	0.95	...	...
Iron and steel (371)	11.8	12.5	7.94	7.51	0.518	0.537 ^{e/}
Non-ferrous metals (372)	1.2	1.3	0.41	0.55	0.391	...
Metal products, excluding machinery (381)	7.9	8.4	1.71	1.69	0.452	0.502 ^{f/}
Non-electrical machinery (382)	3.3	3.5	2.00	1.44	0.430	...
Electrical machinery (383)	2.6	2.7	0.71	0.39	0.389	0.432
Transport equipment (384)	4.8	3.0	1.41	0.87	0.437	0.424
Professional and scientific equipment, photographic and optical goods (385)	0.1	0.1 ^{b/}	0.17	0.06 ^{b/}	0.522 ^{g/}	0.515 ^{g/}

a/ Relative to all small countries with modest resources.

b/ Estimated.

c/ Including ISIC 353 and 354.

d/ Including ISIC 362 and 369.

e/ Including ISIC 372.

f/ Including ISIC 382.

g/ Including ISIC 390 and 323.

ZIMBABWE

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RELATIVE DEGREE OF INDUSTRIALIZATION IN THE 1970s BY INDUSTRIAL BRANCH

Branch (ISIC)	All countries	Developing countries	Comparable country group ^{a/}
Food products (311/2)	0.56	0.49	0.53
Beverages (313)	1.46	1.43	1.42
Tobacco (314)	1.46	1.40	1.40
Textiles (321)	1.21	1.40	1.15
Wearing apparel (322)	2.10	2.21	3.16*
Leather and fur products (323)	0.28*	0.33*	0.38*
Footwear (324)	2.13	2.63	2.35
Wood and cork products (331)	0.79	0.84	1.17
Furniture and fixtures excluding metal (332)	1.62	1.84	2.58*
Paper (341)	1.90	1.70	1.30
Printing and publishing (342)	2.29*	1.93	1.96
Industrial chemicals (351)	2.96*	3.11	2.49
Other chemicals (352)	2.39*	2.04	1.36
Petroleum refineries (353)	0.01***	0.01***	0.02***
Miscellaneous products of petroleum and coal (354)	1.15	1.15	0.88
Rubber products (355)	1.89	2.11	2.28
Plastic products (356)	1.71	1.58	1.16
Pottery, china and earthenware (361)	0.22*	0.29*	b/
Glass (362)	0.09**	0.12*	0.32*
Other non-metallic mineral products (369)	1.42	1.52	1.64
Iron and steel (371)	7.09*	9.77**	14.60**
Non-ferrous metals (372)	2.58	4.39	7.97*
Metal products, excluding machinery (381)	2.53*	2.65*	2.52*
Non-electrical machinery (382)	2.68*	3.02*	4.87*
Electrical machinery (383)	1.36	1.43	1.34
Transport equipment (384)	2.10	2.26	2.90
Professional and scientific equipment, photographic and optical goods (385)	0.31*	0.30*	0.57
Other manufactures (390)	0.99	1.26	1.13
Total manufacturing (300)	1.86*	2.07*	1.70*

^{a/} Small countries with modest resources.

^{b/} Corresponding group average pattern could not be identified.

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