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1998 Supply and Use and Input-Output Tables

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Introduction

This report provides the first set of Supply and Use tables for the Irish Economy. They relate to the year 1998. It also provides Symmetric Input-Output tables for the same year. Input-Output tables have previously been published for the years 1964, 1969, 1975, 1985, 1990 and 1993. Earlier Input-Output tables were compiled for the years 1956 and 1960 but because of a lack of detailed information were not considered sufficiently reliable to justify official publication.

The Supply and Use Tables and Symmetric Input-Output Tables give a detailed picture of the transactions of all goods and services in the Irish economy in a single year. They serve as an integrated framework for all production statistics and are used as a statistical tool to compile and reconcile independent estimates of National Accounts aggregates.

In preparing the transactions tables extensive use was made of detailed data assembled in the National Accounts, External Trade, the Census of Industrial Production, the Prodcom Inquiry, the Annual Services Inquiries and other statistical inquiries. Considerable use was made of published reports of Government Departments and semi-state bodies supplemented where necessary by additional information obtained directly. In some cases there was no official data available relating to Ireland to complete some of the estimates and recourse had to be made to UK accounts. In doing this, an assumption was being made that the Irish and UK economies were similar in some respects and that the proportionality that was displayed in certain UK tables would apply to Ireland as well. However, while this is accepted international practise in the construction of these tables, it is always only a second best to having actual data relating to the country concerned. Consequently a caveat must be entered in relation to the figures in this report. They are overall estimates and not absolute definitive data. This report is the first in a series and it is the intention to improve quality over time.

The underlying definitions used are those of the European System of Accounts (ESA1995). The methodology used is described in the ESA95 manual. The sectoral classification used is the two-digit level of the NACE Rev 1 referred to as the A60 for industry activities. The product classification used is the sixty level product grouping in the ESA95 manual and referred to as the P60. The A60 and P60 classifications are effectively the same. For example the A60 code 31 refers to the activity "Manufacture of electrical machinery and apparatus" while the P60 code 31 refers to the products "Electrical machinery and apparatus." The classification is reproduced in the Appendix.

Departures from previous publications

The current publication marks a departure from previous CSO publications on Input-Output in two respects. Firstly a set of Supply and Use Tables has been introduced and secondly the Input-Output Tables are now "product by product" rather than "industry by industry" as in the past. These changes are in line with the recommendations of the European System of Accounts 1995. The Prodcom survey of manufacturing industry is one of the major surveys introduced in recent years and provides a basis for the measurement of the output of the products of industry. The system of beginning with tables on the Supply and Use of products has led to the derivation of Input-Output Tables on a product by product basis.

Reconciliation with the National Accounts

The *final demand* aggregates (e.g. personal consumption) and the components of *value added* (e.g. compensation of employees) are taken from the National Accounts which provide control totals. This concordance is with the 1998 estimates as published in NIE 2001. National accounting concepts and definitions sometimes change. Details of changes are given in the annual *National Income and Expenditure* (NIE) reports. Any amendments to the 1998 figures later than those contained in NIE 2001 have not been taken into account. The imposition of concordance with the National Accounts totals creates difficulties in achieving complete reconciliation between data from many different sources used to complete the transactions tables. A number of entries are therefore residual in nature.

The explicit concordance with the National Accounts is at a fairly aggregate level, but in many instances the subdivisions are prepared on different bases and are not comparable. For example, the *personal expenditure* estimates for purchases of particular groups of commodities in the Use Table (Table 2) are classified according to a different classification of commodities than that shown in Table 13 of the NIE report. Even where these classifications appear to be the same (as in the case of food and drink), there are differences. The margin earned by bars, public houses and hotels in the sale of drink is included in row 31 (hotels and restaurants) of the Supply Table (Table 1) whereas the entire value of all drink consumed is included under *alcoholic beverages* in Table 13 of the NIE report and the full value of meals out forms part of the heading *services n.e.c.* in Table 13 of the NIE report.

Some other subdivisions of National Accounts aggregates furnish additional control totals. Table 2 of NIE 2001 gives totals for *remuneration of employees* and *Other GDP* (net profits) for Industry and for each of four other major economic activity groups. These 1998 totals have been used in the transactions tables and allocated between the subdivisions for each group as far as possible. However, this allocation involves further estimation, which may be substantial in some instances. For example, the *adjustment for stock appreciation* has to be included as part of GDP at branch level. While total value-added is consistent with NIE 2001, branch allocations are subject to some changes in final balancing.

Tables

There are six tables in this report

Table 1 Supply Table at basic prices (product by industry)

Table 2 Use Table at purchasers prices (product by industry)

Table 3 A Use Table for imports at basic (c.i.f.) prices (product by industry)

Table 4 A Symmetric Input-Output Table for domestic output (product by product)

Table 5 Direct input coefficients from the domestic Symmetric Input-Output Table

Table 6 The Leontief Inverse $(I - A)^{-1}$ for domestic flows with multipliers for other inputs (derived from Table 5)

Availability of data in spreadsheet format

All Tables in this publication are available on the CSO website <http://www.cso.ie>.

Conventions used

The following conventions are used throughout this publication:

- “ – “ is used to denote zero
- “ 0 “ represents less than €0.5 million but more than zero

Overview of the Tables

Table 1 – Supply Table

This table provides estimates of the supply of products by domestic industries as well as the imports of goods and services. While the same classification is used in both cases, there is a distinction to be made between industries and products. *Products* refer to the goods or services that the units provide. Producing units are classified to *industries* (the term *industries* covers services also) according to the main products they make or provide. If they produce more than one product they are classified to the industry that accounts for the greatest share of their value added.

The industries are listed across the top of the page and provide the headings to the columns. The products appear down the page and provide the headings to the rows. Thus the figures in the individual columns show the values of the individual products produced by the particular industry shown at the top of the column. Imports are shown in column 50.

Treatment of the motor trade, retail, wholesale and catering

The outputs of the motor trade, retailing, wholesaling and the catering industries (i.e. bars, hotels and restaurants) are defined in a special way for national accounts purposes and may not be what might be expected. The motor trade, retail, wholesale and catering (i.e. pubs, hotels and restaurants) activities are regarded as producing a service which is measured as the price at which their products are sold minus the purchase price of the products which they purchase for direct resale. This is referred to as the gross margin. Thus the retail supermarket is not regarded as providing food or drink nor is the drapery outlet regarded as providing clothes. In the Supply and Use and Input-Output systems the food and clothes are the products of their respective industries or are imported and retailers are regarded as providing a sales service (see for example row 29 - 31 of Table 1).

Valuation

The values of the domestically produced products in Table 1 are shown initially at *basic* prices while they are transformed to *purchasers'* prices in columns 52 to 55. Imports are shown at *c.i.f. (carriage, insurance and freight inclusive)* prices as in the published merchandise trade statistics.

The basic price is the price receivable by the producer for a unit of a good or service produced minus any tax payable as a consequence of its production or sale (i.e. taxes on products) plus any subsidy receivable on that unit as a consequence of its production or sale (i.e. subsidies on products). It excludes any transport charges invoiced separately by the producer. It includes any transport charges charged by the producer on the same invoice even when they are included as a separate item on the same invoice. Thus the basic price excludes the well-known product taxes such as vat, excise duties, import duties etc. The basic price measures the amount retained by the producer and is therefore the price most relevant for the producer's decision making.

It should be noted that the margin which the retailer or wholesaler earns for selling products is considered as a separate service in the basic prices concept and is not distributed over the products but appears on its own in rows 29 and 30.

The purchaser's price is the price the purchaser actually pays for the product including any taxes less subsidies on the product (but excluding deductible taxes like vat on the product). It includes any transport charges paid separately by the purchaser for delivery at a required time and place.

The bulk of data available to the CSO on purchases is at purchasers' prices and estimates have to be made to derive equivalent basic prices. This mainly involves distributing the trade margins of retailers and wholesalers among the products on which they are charged. In the conversion from basic to purchasers' prices the bulk of the margin in the motor trade and domestic wholesale and retail trades appears as negative values in column 52, rows 28 to 30 of the Supply Table as these margins are distributed in the same column among the products on which they fall.

Table 2 – Use Table at purchasers' prices

This table shows the use of products by domestic industry for the purposes of producing their goods and services. It also shows the use of products by *the final demand sectors* (i.e. household consumption, government, non-profit organisations serving households (NPISH), capital formation and export). The industry headings are shown across the top of the page as headings to the columns while the commodity group names are shown down the side of the page as titles to the rows. Thus the columns of figures from columns 1 to column 48 show the goods and services used by each industry for the purposes of achieving its output. The purchases in columns 1 to 48 industry relate to intermediate consumption only. The capital purchases are shown in column 53 but a breakdown by industry is not provided. All the purchases of households in their private (non-business) capacity as consumers are included under household consumption with the exception of the purchase of dwellings, which is included with capital formation. Additional information for each industry is shown at the end of the product rows (i.e. rows 1 to 49) where estimates of the components of the *gross value added* by each industry in the form of *compensation of employees*, *consumption of capital* (or depreciation), *net operating surplus* (or profits) and *non product* (i.e. overhead) *taxes and subsidies* of each industry are supplied. The sum of rows 50 to 54 is referred to as the gross value added of the industry as it is equal to the *output* of the industry minus its *intermediate consumption* costs. The taxes and subsidies in rows 51 to 52 are of the non product type and can be considered as overhead taxes. Rates and excise taxes on vehicles purchased by business are typical examples of the taxes while employment subsidies are examples of the subsidies involved.

Valuation

The purchases of the products in Table 2 are valued at purchasers' prices, which have already been explained in the note on Table 1 above. There is no distinction in this table between imported and home produced products. The total supply of each product in column 49 of Table 1 is equal to the total use of the product in column of 57 of Table 2. The *gross value added* of the industries shown in row 55 being equal to the *output* of the industries valued at basic prices minus their *intermediate consumption* at purchasers' prices are regarded as being valued at basic prices.

Consistency with National Accounts

For the most part the entries in the tables are consistent with the National Accounts estimate published in the annual National Accounts publication for 2001 (NIE 2001) in respect of the year 1998. Some very minor differences to the published figures occur due to rounding. The total gross value added at basic prices in row 55 of column 49 (€69,339m) is identical with that shown in Table 2 (item 32) of NIE 2001. Similarly the total gross fixed capital formation in row 49 of column 53 (€17,228m) is identical with the figure in item 81 of Table 5 in NIE 2001. Total exports (€66,769m) in row 49 of column 55 is identical with item 83 in Table 5 of NIE 2001. In column 49, total compensation of employees (€32,321) is equal to the sum of items 2, 3, 9 and 10 of NIE 2001 Table 1; consumption of fixed capital (€7,365) is equal to item 28 of NIE 2001 Table2; and net operating surplus (€29,428) is equal to the sum of items 1, 4, 5, 6, 7, 8, 11 and 12 of NIE 2001 Table 1.

It has already been stated in the introduction that the detailed breakdown of the main aggregates (e.g. imports, exports, capital formation, value added) may not correspond with that shown in NIE 2001.

Table 3 – Use Table for imports at basic prices

This table is similar to the main part of Table 2 above but is confined to imports. It shows the use by the industrial and services sectors of imported goods and services for their day to day activities. It also shows the use by the elements of *final demand sectors* (e.g. household personal consumption, capital investment etc.) of imported products and services. There is a greater degree of estimation in this table than in the others as there is a lack of survey data on the use of imports. In many cases the use of imports of a particular commodity by an industry group or final demand sector had to be estimated based on the percentage which the total imports of the product in question formed of the total supply of the product in the state.

Table 4 – Symmetric Input-Output Table for domestic output at basic prices

This table is derived from the preceding three tables. It has been compiled and included in this set of tables because it forms the basis of Table 6 which contains the Leontief inverse coefficients which are required by users of Input-Output techniques to assess the implications of changes in demand on the various sectors of the economy.

The distinguishing feature of this table is that it is a *product by product* table as opposed to the preceding three tables which were of the *industry by product* type. It purports to show the use made of domestically produced products and services in the manufacture or provision of other products and services. Thus the entries in column 1 show the values of the various domestically produced goods and services used in the production of agricultural, forestry and fishing goods in the state. Alternatively the values in row 1 show how the agricultural, forestry and fishing goods produced in the state have been used in the production of other goods and services in the state and in the satisfaction of final demand (such as personal consumption and exports etc.). An additional feature of this table is that it is balanced i.e. the sum of the entries in any product row is identical to the sum of the entries in the corresponding column. A significant amount of estimation was necessary in the production of this table as there are no precise official figures on products, in terms of the value or quantity of other goods and services, which are used in their composition. Nevertheless reasonable estimates can be made from surveys of industries in which breakdowns of their intermediate consumption used in the manufacture of their goods and/or provision of their services are requested.

The columns on the left of the table (columns 1 to 48) give details of the composition of the products and services which are produced in the country and those on the right of the goods and services used in the *final demand* categories such as *households, government, fixed capital, changes in stocks* and *exports* (as defined for Balance of Payments). The major capital items used in the production of goods and services are all included in one column *gross fixed capital formation* and are not shown separately for each product produced.

Information is provided on the total value of goods and services imported into the economy for the production of other goods and services and for final consumption in row 50. Only the total value of the imports is shown here. Product taxes and subsidies are shown on rows 51 and 52. Adding product taxes less subsidies to the values of the purchases at basic prices converts the intermediate consumption to purchasers' prices.

Additional information (identical to that in Table 2) for each industry is shown at the end of the product rows (i.e. rows 1 to 49) where estimates of the components of the *gross value added* by each product in the form of *compensation of employees, consumption of capital* (or depreciation), *net operating surplus* (or profits) and *non product* (i.e overhead) *taxes and subsidies* relevant to each product are supplied. The sum of rows 54 to 58 shows the gross value added by product as it is equal to the *output* of the product minus its *intermediate consumption* costs. The *gross value added*s of the products shown in row 59 being equal to the *output* of the products valued at basic prices minus their *intermediate consumptions* at purchasers' prices are regarded as being valued at basic prices.

The sum of the entries in any product row is by definition equal to the sum of the entries in the corresponding column. This is because total output of a product, shown at the end of a row, can be analysed into various costs shown down the columns, that is:

- Domestic materials and services
- Imported materials and services
- Indirect taxes paid as part of the purchase price of goods and services (Customs and Excise, non-deductible VAT).
- Subsidies, shown as negative amounts, reduce costs of inputs of goods and services
- Returns to labour
- Overhead taxes on production (e.g. rates) less overhead subsidies on production (e.g. employment subsidies)
- Consumption of fixed capital (or depreciation)
- Net operating surplus (profits of companies) and mixed income (profits of self employed).

Valuation

The valuation used in this table is at *basic prices*. The basic price is the price receivable by the producer for a unit of a good or service produced minus any tax payable as a consequence of its production or sale (i.e. taxes on products) plus any subsidy receivable on that unit as a consequence of its production or sale (i.e. subsidies on products). It excludes any transport charges invoiced separately by the producer. It includes any transport charges charged by the producer on the same invoice even when they are included as a separate item on the same invoice. Thus, the basic price excludes the well-known product taxes such as vat, excise duties, import duties etc. The basic price measures the amount retained by the producer and is therefore the price most relevant for the producer's decision making. Adding product taxes (row 51) less product subsidies (row 52) converts the purchases of the intermediate products used in the production of the products named at the top of the column into *purchasers' prices*. It should be understood that these are the net taxes due on the items listed in the previous rows and thus represent the taxes paid on the *inputs* into the products listed at the tops of the columns. For example the entry of €133 in row 51, column 3 represent the taxes paid on the products and services which went into the making of food and beverages. These would include customs duties paid on some imported raw materials and non-deductible vat paid on petrol consumed by the manufacturers' vehicles etc. However, the excise duties and vat charged on the production of the food and alcoholic beverages themselves would be paid almost entirely by the personal consumer and would therefore be included in column 50, row 51.

Consistency with National Accounts

For the most part the entries in the tables are consistent with the National Accounts estimate published in the annual National Accounts publication for 2001 (NIE 2001) in respect of the year 1998. Some very minor differences to the published figures occur due to rounding. The total gross value added at basic prices in column 49, row 59 (€69,339m) is identical with that shown in Table 2 (item 32) of NIE 2001. Similarly the total gross fixed capital formation in row 53 of column 53 (€17,228m) is identical with the figure in item 81 in Table 5 of NIE 2001. Total exports (€66,769m) in row 53, column 55 is identical with item 83 in Table 5 of NIE 2001. In column 49, total compensation of employees (€32,321) is equal to the sum of items 2, 3, 9 and 10 of NIE 2001 Table 1; consumption of fixed capital (€7,365) is equal to item 28 of NIE 2001 Table2; and net operating surplus (€29,428) is equal to the sum of items 1, 4, 5, 6, 7, 8, 11 and 12 of NIE 2001 Table1. These totals are also to be found in the Use Table.

The breakdowns of the elements of final demand (e.g. personal consumption, capital formation, government consumption, exports etc.) will differ in this table to those shown in the national accounts publication not only because the classification of products may be different but also because the valuations are at basic prices. Valuations at basic prices mean that they do not include product taxes and are not reduced by product subsidies and thus, for example, there are considerable amounts of taxes shown in bulk at the end of the personal consumption column.

Table 5 – Input coefficients of domestic product flows

Input-Output analysis starts with the calculation of input coefficients. This table is derived from Table 4 by dividing each entry by the total output in its corresponding column (row 60). The entries in each column of Table 5 add to unity, apart from rounding errors. The first column of Table 5 shows, for example, that for each €1 of total output of agriculture, forestry and fishing products in the year 1998 the inputs included €0.094 of domestic products of agricultural, forestry and fishing, €0.031 of domestically produced food and beverages (mainly animal feed), €0.017 of construction work €0.456 of operating surplus, and so on.

Table 6 – The Leontief inverse matrix and associated multipliers

The direct input coefficients of the previous table are useful for economic models based on the Input-Output approach but a more immediate application is a derived set of coefficients which covers the direct and indirect requirements for each product group. The $(I - A)^{-1}$ matrix (where I is the identity matrix and A is the matrix of coefficients in the first 48 rows and 48 columns of Table

5), also referred to as the Leontief inverse, provides these coefficients and they are shown in Table 6. For example, in Table 5 the entry of 0.031 in row 3 of column 1 represents the direct inputs of food and beverages to products of agriculture, forestry and fishing. To arrive at this output of food and beverages however, requires in turn some inputs from other products (the exact amounts can be obtained by multiplying each entry in column 3 by 0.031). Similarly, the other direct inter-product inputs to products of agriculture, forestry and fishing can be transferred into the constituents of these products. This process may be continued for a number of cycles until the resultant additions to inputs become negligible. All these interactions are accounted for in the Leontief inverse matrix and the resultant coefficients derived from Table 5 are set out in the upper portion of Table 6. Here it can be seen that the total input (direct and indirect) of food and beverages to products of agriculture, forestry and fishing has now increased to 0.035.

The interpretation of the upper portion of Table 6 is as follows - again using products of agriculture, forestry and fishing as an example. Each €1 of final demand for domestic output of this type, requires in all €1.120 of output of the same type of products, €0.001 output of mining and quarrying products, €0.035 output of food and beverage products etc.

The column aggregates shown in row 49 are called *output multipliers*. These show how much direct plus indirect output is required, across all domestic products and services per €1 final demand for the products/services named at the top of the column. But considerable duplication of output is included in this approach. For example, if an increase in the final demand of product A by €1, requires an increase of 90% of this amount of output of product B, then output of both products has been increased by €1.9. *Gross outputs* rather than *net value added* of products are combined in this table to give the column aggregates thereby giving rise to duplication of output. The duplication arises because product B is an ingredient in product A and its cost is absorbed in the final value of A, rather than added to the final value of A.

The lower portion of Table 6 shows the *direct plus indirect* effect on other inputs per €1 final demand. This set of coefficients adds to unity in each column, apart from rounding errors. It shows, after all the cycles of production are completed, how the additional unit of final demand was spread between *imports, taxes and subsidies, compensation of employees, consumption of fixed capital and net operating surplus*. There is no duplication in these coefficients. The *value added* multipliers are given in row 57 and these multipliers give an indication of the effect on the domestic economy of an extra Euro of final demand for home produced products/services.

Within the 48 product groups, 10 have value-added multipliers of value 0.8 or larger and all these product groups come from the services sector. These include:

- 0.834 for Insurance and pension services
- 0.920 for Services auxiliary to financial mediation
- 0.853 for Business services
- 0.913 for Education.

Obviously all of these have the smallest import multipliers. It should be borne in mind that these multipliers refer only to the effect of an extra Euro of final demand for home produced products/services. In order to determine the effect of an extra unit of final demand, on the Irish economy, for the product or service (be it home produced or imported) it would be necessary to determine firstly the percentage of the product which is imported or home produced and then apply the multiplier to the home produced portion only.

Conversely, the smallest value added multiplier, of value 0.266 is for office machinery and computers which shows 0.728 as import multiplier. The set of 5 smallest value added multipliers are as follows:

- 0.266 for Office machinery and computers
- 0.358 for Electrical machinery and apparatus
- 0.379 for Basic metals
- 0.387 for Leather products
- 0.432 for Printed matter and recorded media.

One may observe that all those listed are for products of manufacturing industries, characterised by a high import content in purchases.

These value added branch multipliers may be used for comparisons between branches. However, they take no account of outflows of profits and dividends from each branch. By excluding such outflows one would obtain a *Gross National Product* branch multiplier; this is to be preferred for some economic analyses. Considerable further reworking of the value added component rows is required to obtain these latter multipliers.

Tables

Table 1
1998 Supply Table at basic prices €m

	1	2	3	4	5	6	7	8	9	10	11	12
<i>industries</i>	Agriculture, forestry and fishing	Mining and quarrying	Manufacture of food and beverages	Manufacture of tobacco products	Manufacture of textiles	Manufacture of wearing apparel	Manufacture of leather and leather products	Manufacture of wood and wood products	Manufacture of pulp, paper and paper products	Manufacture of printed matter and recorded media	Manufacture of chemical products and man-made fibres	Manufacture of rubber and plastics
<i>products</i>												
1 Agriculture, forestry and fishing	6,159	-	-	-	-	-	-	-	-	-	-	-
2 Mining and quarrying products	-	695	-	-	-	-	-	-	-	-	0	-
3 Food and beverages	-	-	10,865	-	-	-	0	-	-	0	3	33
4 Tobacco products	-	-	-	234	-	-	-	-	-	-	-	-
5 Textiles	-	-	0	-	565	93	-	-	0	4	5	4
6 Wearing Apparel	-	-	0	-	6	355	0	-	-	0	-	-
7 Leather and leather products	-	-	8	-	1	0	93	-	-	-	-	0
8 Wood and wood products (excl furniture)	-	-	-	-	0	-	-	577	2	-	0	15
9 Pulp, paper and paper products	-	-	-	-	0	-	-	2	618	-	11	7
10 Printed matter and recorded media	-	-	-	-	1	-	-	-	7	5,659	-	1
11 Chemical products and man-made fibres	-	-	161	-	3	-	-	0	1	1	17,639	1
12 Rubber and plastics	-	-	8	-	3	0	0	1	6	1	3	969
13 Other non-metallic mineral products	-	-	-	-	1	-	-	0	-	-	2	1
14 Basic metals	-	-	-	-	7	-	-	-	2	-	1	5
15 Fabricated metal products	-	-	-	-	1	-	-	2	-	0	0	18
16 Machinery and equipment n.e.c.	-	-	-	-	1	-	-	-	1	0	7	2
17 Office machinery and computers	-	-	-	-	0	-	-	-	-	33	-	8
18 Electrical machinery and apparatus	-	-	-	-	-	-	-	0	-	0	-	3
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	0	-	12
20 Medical, precision and optical instruments	-	-	-	-	0	0	-	-	1	-	14	0
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	0
22 Other transport equipment	-	-	-	-	-	-	-	0	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	-	-	-	-	0	-	-	13	0	5	3	4
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	-	-	-	-	-	-	-	-	-	-	-	-
26 Water collection and distribution	-	-	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	-	-	-	-	-	-	-	-	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	-	-	-	-	-	-	-	-	-	-	-	-
32 Land transport services	-	-	-	-	-	-	-	-	-	-	-	-
33 Water transport services	-	-	-	-	-	-	-	-	-	-	-	-
34 Air transport services	-	-	-	-	-	-	-	-	-	-	-	-
35 Auxiliary transport services and travel agencies	-	-	-	-	-	-	-	-	-	-	-	-
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	-
37 Financial intermediation services	-	-	-	-	-	-	-	-	-	-	-	-
38 Insurance and pension services	-	-	-	-	-	-	-	-	-	-	-	-
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-	-	-	-
40 Business services	18	-	-	-	-	-	-	-	-	-	-	-
41 Public administration and defence	-	-	-	-	-	-	-	-	-	-	-	-
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
45 Recreation	11	-	-	-	-	-	-	-	-	-	-	-
46 Other services	-	-	-	-	-	-	-	-	-	-	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total output by industry (= row 56 of Table 2)	6,188	695	11,042	234	589	449	94	595	638	5,721	17,689	1,085

Table 1(contd)
1998 Supply Table at basic prices €m

	13	14	15	16	17	18	19	20	21	22	23	24
<i>industries</i>	Manufacture of other non-metallic mineral products	Manufacture of basic metals	Manufacture of fabricated metal products	Manufacture of machinery and equipment n.e.c.	Manufacture of office machinery and computers	Manufacture of electrical machinery n.e.c.	Manufacture of radio, television and communications apparatus	Manufacture of medical, precision and optical instruments	Manufacture of motor vehicles and trailers	Manufacture of other transport equipment	Manufacture of furniture and other goods n.e.c.	Recycling activities
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	-	-	-	-	-	-	-	-	-
2 Mining and quarrying products	71	8	-	-	-	-	-	-	-	-	0	-
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	0	-	1	0	-	-	-	2	-	-	3	-
6 Wearing Apparel	-	0	0	-	-	-	-	-	-	-	4	-
7 Leather and leather products	-	-	-	11	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	0	-	2	-	-	-	-	-	-	0	7	-
9 Pulp, paper and paper products	2	-	0	-	-	-	-	0	-	-	0	-
10 Printed matter and recorded media	-	-	0	-	6	-	-	0	-	-	2	-
11 Chemical products and man-made fibres	2	0	0	5	10	0	-	42	-	-	66	-
12 Rubber and plastics	3	8	27	18	6	2	-	8	0	0	7	-
13 Other non-metallic mineral products	1,080	1	9	1	-	6	-	-	-	0	1	-
14 Basic metals	-	449	30	2	-	3	-	1	-	-	1	-
15 Fabricated metal products	3	12	994	41	9	3	0	1	3	3	63	-
16 Machinery and equipment n.e.c.	1	6	47	1,434	2	32	2	15	5	2	1	-
17 Office machinery and computers	-	12	7	2	12,757	11	118	11	0	-	2	-
18 Electrical machinery and apparatus	2	0	2	2	139	2,505	80	12	-	-	1	-
19 Radio, television and communications apparatus	-	-	5	-	38	2	2,986	14	-	-	-	-
20 Medical, precision and optical instruments	1	1	4	3	33	12	7	1,920	0	-	1	-
21 Motor vehicles and trailers	-	-	8	1	-	0	-	0	454	0	-	-
22 Other transport equipment	-	-	2	1	0	1	-	-	1	522	0	-
23 Furniture and other manufactured goods n.e.c.	0	3	12	1	10	0	-	-	0	0	1,341	-
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	34
25 Electricity and gas	-	-	-	-	-	-	-	-	-	-	-	-
26 Water collection and distribution	-	-	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	-	-	-	-	-	-	-	-	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	-	-	-	-	-	-	-	-	-	-	-	-
32 Land transport services	-	-	-	-	-	-	-	-	-	-	-	-
33 Water transport services	-	-	-	-	-	-	-	-	-	-	-	-
34 Air transport services	-	-	-	-	-	-	-	-	-	-	-	-
35 Auxiliary transport services and travel agencies	-	-	-	-	-	-	-	-	-	-	-	-
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	-
37 Financial intermediation services	-	-	-	-	-	-	-	-	-	-	-	-
38 Insurance and pension services	-	-	-	-	-	-	-	-	-	-	-	-
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-	-	-	-
40 Business services	-	-	-	-	-	-	-	-	-	-	-	-
41 Public administration and defence	-	-	-	-	-	-	-	-	-	-	-	-
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
45 Recreation	-	-	-	-	-	-	-	-	-	-	-	-
46 Other services	-	-	-	-	-	-	-	-	-	-	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total output by industry (= row 56 of Table 2)	1,165	500	1,151	1,519	13,010	2,578	3,193	2,025	465	528	1,498	34

Table 1(contd)
1998 Supply Table at basic prices €m

	25	26	27	28	29	30	31	32	33	34	35	36
<i>industries</i>	Electricity and gas supply	Water collection and distribution	Construction	Motor fuel and vehicle trade and repair	Wholesale trade	Retail trade and repair of household goods	Hotels and restaurants	Land transport	Water transport	Air transport	Auxiliary transport services and travel agencies	Post and telecommunication
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	-	-	-	-	-	-	-	-	-
2 Mining and quarrying products	-	-	-	-	-	-	-	-	-	-	-	-
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	-	-	-	-	-	-	-	-	-	-	-	-
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	-	-	-	-	-	-	-	-	-	-	-	-
9 Pulp, paper and paper products	-	-	-	-	-	-	-	-	-	-	-	-
10 Printed matter and recorded media	-	-	-	-	-	-	-	-	-	-	-	-
11 Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
12 Rubber and plastics	-	-	-	-	-	-	-	-	-	-	-	-
13 Other non-metallic mineral products	-	-	-	-	-	-	-	-	-	-	-	-
14 Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15 Fabricated metal products	-	-	-	-	-	-	-	-	-	-	-	-
16 Machinery and equipment n.e.c.	1	-	-	-	-	-	-	-	-	-	-	-
17 Office machinery and computers	-	-	-	-	-	-	-	-	-	-	-	-
18 Electrical machinery and apparatus	-	-	-	-	-	-	-	-	-	-	-	-
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	2,276	-	-	-	-	-	-	-	-	-	-	-
26 Water collection and distribution	-	86	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	15,517	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle trade and repair	-	-	-	1,551	-	-	-	-	-	-	-	-
29 Wholesale trade	-	-	-	-	4,604	-	-	-	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	4,083	-	-	-	-	-	-
31 Hotel and restaurant services	-	-	-	-	-	-	3,302	-	-	-	-	-
32 Land transport services	-	-	-	-	-	-	-	2,044	-	-	-	-
33 Water transport services	-	-	-	-	-	-	-	-	401	-	-	-
34 Air transport services	-	-	-	-	-	-	-	-	-	1,504	-	-
35 Auxiliary transport services and travel agencies	-	-	-	-	-	-	-	-	-	-	2,686	-
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	2,932
37 Financial intermediation services	-	-	-	-	-	-	-	-	-	-	-	-
38 Insurance and pension services	-	-	-	-	-	-	-	-	-	-	-	-
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-	-	-	-
40 Business services	-	-	-	-	-	-	-	-	-	-	-	-
41 Public administration and defence	-	-	-	-	-	-	-	-	-	-	-	-
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
45 Recreation	-	-	-	-	-	-	-	-	-	-	-	-
46 Other services	-	-	-	-	-	-	-	-	-	-	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total output by industry (= row 56 of Table 2)	2,277	86	15,517	1,551	4,604	4,083	3,302	2,044	401	1,504	2,686	2,932

Table 1(contd)
1998 Supply Table at basic prices €m

	37	38	39	40	41	42	43	44	45	46	47	48
<i>industries</i>	Financial intermediation	Insurance and pension funding activities	Auxiliary financial intermediation	Business activities	Public administration and defence	Education	Health and social work activities	Membership organisation activities n.e.c	Recreation	Other services	Private households with employed persons	Extra-territorial services
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	-	-	-	-	-	-	-	-	-
2 Mining and quarrying products	-	-	-	-	-	-	-	-	-	-	-	-
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	-	-	-	-	-	-	-	-	-	-	-	-
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	-	-	-	-	-	-	-	-	-	-	-	-
9 Pulp, paper and paper products	-	-	-	-	-	-	-	-	-	-	-	-
10 Printed matter and recorded media	-	-	-	-	-	-	-	-	-	-	-	-
11 Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
12 Rubber and plastics	-	-	-	-	-	-	-	-	-	-	-	-
13 Other non-metallic mineral products	-	-	-	-	-	-	-	-	-	-	-	-
14 Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15 Fabricated metal products	-	-	-	-	-	-	-	-	-	-	-	-
16 Machinery and equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
17 Office machinery and computers	-	-	-	-	-	-	-	-	-	-	-	-
18 Electrical machinery and apparatus	-	-	-	-	-	-	-	-	-	-	-	-
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	-	-	-	-	-	-	-	-	-	-	-	-
26 Water collection and distribution	-	-	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	-	-	-	-	-	-	-	-	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	-	-	-	-	-	-	-	-	-	-	-	-
32 Land transport services	-	-	-	-	-	-	-	-	-	-	-	-
33 Water transport services	-	-	-	-	-	-	-	-	-	-	-	-
34 Air transport services	-	-	-	-	-	-	-	-	-	-	-	-
35 Auxiliary transport services and travel agencies	-	-	-	-	-	-	-	-	-	-	-	-
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	-
37 Financial intermediation services	4,418	-	-	-	-	-	-	-	-	-	-	-
38 Insurance and pension services	-	1,771	-	-	-	-	-	-	-	-	-	-
39 Services auxiliary to financial intermediation	-	-	979	-	-	-	-	-	-	-	-	-
40 Business services	-	-	-	12,868	-	-	-	-	-	-	-	-
41 Public administration and defence	-	-	-	-	4,553	-	-	-	-	-	-	-
42 Education	-	-	-	-	-	3,419	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	5,828	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	346	-	-	-	-
45 Recreation	-	-	-	-	-	-	-	-	959	-	-	-
46 Other services	-	-	-	-	-	-	-	-	-	1,136	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	151	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	10
49 Total output by industry (= row 56 of Table 2)	4,418	1,771	979	12,868	4,553	3,419	5,828	346	959	1,136	151	10

Table 1(contd)

1998 Supply Table at basic prices €m

	49	50	51	52	53	54	55
<i>industries</i>	Total Domestic	Imports cif	Total supply at basic prices	Trade margins	taxes on products	Subsidies on products	Total supply at purchasers' prices (= column 57 of Table 2)
<i>products</i>							
1 Agriculture, forestry and fishing	6,159	786	6,945	106	39	-1,045	6,044
2 Mining and quarrying products	774	707	1,481	12	14	-	1,507
3 Food and beverages	10,902	2,513	13,415	1,415	1,463	-499	15,794
4 Tobacco products	234	47	282	35	826	-	1,143
5 Textiles	679	941	1,620	402	211	-	2,232
6 Wearing Apparel	366	831	1,196	382	180	-	1,758
7 Leather and leather products	113	290	403	130	80	-	613
8 Wood and wood products (excl furniture)	604	352	956	45	4	-	1,004
9 Pulp, paper and paper products	658	797	1,455	72	46	-	1,574
10 Printed matter and recorded media	5,676	601	6,277	2,285	93	-	8,655
11 Chemical products and man-made fibres	17,931	4,354	22,285	804	149	-	23,238
12 Rubber and plastics	1,068	1,000	2,069	114	36	-	2,219
13 Other non-metallic mineral products	1,102	531	1,633	268	34	-	1,936
14 Basic metals	502	932	1,434	211	1	-	1,646
15 Fabricated metal products	1,153	744	1,897	712	26	-	2,634
16 Machinery and equipment n.e.c.	1,556	3,160	4,716	816	82	-	5,614
17 Office machinery and computers	12,961	7,900	20,861	1,094	105	-	22,060
18 Electrical machinery and apparatus	2,747	1,774	4,521	468	1	-	4,990
19 Radio, television and communications apparatus	3,057	3,868	6,925	881	45	-	7,851
20 Medical, precision and optical instruments	1,998	1,145	3,143	225	66	-	3,433
21 Motor vehicles and trailers	464	2,768	3,232	945	882	-	5,059
22 Other transport equipment	527	1,017	1,544	262	12	-	1,818
23 Furniture and other manufactured goods n.e.c.	1,392	1,079	2,472	369	1,809	-3	4,647
24 Recycling	34	-	34	2	-	-	36
25 Electricity and gas	2,276	2	2,279	-	90	-17	2,352
26 Water collection and distribution	86	-	86	-	-	-	86
27 Construction work	15,517	-	15,517	-	964	-	16,481
28 Motor fuel and vehicle and trade and repair	1,551	-	1,551	-1,322	29	-	257
29 Wholesale trade	4,604	2,876	7,480	-6,873	-	-122	485
30 Retail trade and repair of household goods	4,083	-	4,083	-3,903	9	-	188
31 Hotel and restaurant services	3,302	820	4,122	-	906	-	5,028
32 Land transport services	2,044	90	2,134	-	47	-136	2,046
33 Water transport services	401	1,184	1,585	-	-	-5	1,579
34 Air transport services	1,504	338	1,842	46	-	-	1,889
35 Auxiliary transport services and travel agencies	2,686	558	3,244	-	31	-0	3,275
36 Post and telecommunication services	2,932	180	3,112	-	133	-	3,246
37 Financial intermediation services	4,418	953	5,372	-	183	-	5,554
38 Insurance and pension services	1,771	1,079	2,850	-	-	-	2,850
39 Services auxiliary to financial intermediation	979	-	979	-	-	-	979
40 Business services	12,886	11,364	24,250	-	931	-2	25,179
41 Public administration and defence	4,553	69	4,622	-	149	-	4,772
42 Education	3,419	-	3,419	-	42	-0	3,461
43 Health and social work services	5,828	-	5,828	-	101	-0	5,929
44 Membership organisation services n.e.c	346	-	346	-	24	-	370
45 Recreation	970	231	1,201	-	146	-	1,347
46 Other services	1,136	48	1,184	-	53	-	1,237
47 Private households with employed persons	151	-	151	-	15	-	166
48 Extra-territorial services	10	69	79	-	-	-	79
49 Total output by industry (= row 56 of table2)	150,109	58,000	208,109	-	10,059	-1,829	216,339

Table 2
1998 Use Table at purchasers' prices €m

	1	2	3	4	5	6	7	8	9	10	11	12
<i>industries</i>	Agriculture, forestry and fishing	Mining and quarrying	Manufacture of food and beverages	Manufacture of tobacco products	Manufacture of textiles	Manufacture of wearing apparel	Manufacture of leather and leather products	Manufacture of wood and wood products	Manufacture of pulp, paper and paper products	Manufacture of printed matter and recorded media	Manufacture of chemical products and man-made fibres	Manufacture of rubber and plastics
<i>products</i>												
1 Agriculture, forestry and fishing	630	-	3,620	13	44	-	-	45	-	-	27	5
2 Mining and quarrying products	-	45	8	0	1	0	0	1	0	0	88	0
3 Food and beverages	992	-	388	-	-	-	32	-	3	-	135	3
4 Tobacco products	-	-	-	12	-	-	-	-	-	-	-	-
5 Textiles	18	-	-	-	243	167	1	-	4	0	43	18
6 Wearing Apparel	1	2	-	-	-	39	-	-	-	0	-	-
7 Leather and leather products	-	-	-	-	-	-	24	-	-	-	-	-
8 Wood and wood products (excl furniture)	0	4	63	2	-	-	-	226	-	0	14	2
9 Pulp, paper and paper products	-	2	189	5	4	3	0	8	104	364	99	19
10 Printed matter and recorded media	10	0	-	-	-	-	-	-	17	1,699	67	7
11 Chemical products and man-made fibres	458	28	131	0	21	-	2	18	37	92	2,246	158
12 Rubber and plastics	12	3	79	1	1	2	0	1	2	27	94	113
13 Other non-metallic mineral products	-	18	26	-	-	-	-	1	-	0	10	17
14 Basic metals	-	0	1	1	-	-	-	-	-	-	37	7
15 Fabricated metal products	29	16	80	-	2	2	2	5	1	1	100	58
16 Machinery and equipment n.e.c.	60	80	-	-	-	-	-	0	-	78	297	33
17 Office machinery and computers	2	-	-	-	-	-	-	-	203	-	217	21
18 Electrical machinery and apparatus	-	0	-	-	-	-	-	-	-	-	-	2
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	5	-	-	-	-	-	-	-	-	54	1
21 Motor vehicles and trailers	0	7	26	0	2	0	0	1	1	7	2	1
22 Other transport equipment	23	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	193	11	30	0	1	0	0	1	1	3	175	8
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	1
25 Electricity and gas	52	23	118	1	9	3	0	15	6	24	147	26
26 Water collection and distribution	-	-	16	-	0	-	-	-	0	6	44	1
27 Construction work	110	11	49	1	1	0	0	2	0	31	73	1
28 Motor fuel and vehicle trade and repair	39	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	-	-	-	-	-	-	-	-	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	1	2	31	2	1	1	0	2	0	16	51	5
32 Land transport services	8	30	131	3	5	4	1	9	1	89	61	12
33 Water transport services	-	13	41	12	2	2	0	-	1	263	237	11
34 Air transport services	0	5	18	3	1	1	0	-	0	47	82	4
35 Auxiliary transport services and travel agencies	5	2	53	9	3	2	0	1	1	11	192	12
36 Post and telecommunication services	23	4	135	4	4	2	0	6	2	70	277	20
37 Financial intermediation services	5	46	479	40	21	10	1	24	8	46	1,358	91
38 Insurance and pension services	7	4	31	2	3	2	0	4	1	18	78	9
39 Services auxiliary to financial intermediation	-	3	8	3	0	1	0	-	0	12	55	3
40 Business services	23	16	1,961	18	19	14	1	15	4	1,556	3,353	63
41 Public administration and defence	10	1	56	1	3	0	0	2	1	6	105	6
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	75	-	27	4	1	1	0	1	0	7	98	6
44 Membership organisation services n.e.c	2	-	6	1	-	0	-	-	0	8	21	2
45 Recreation	1	0	1	0	0	0	-	0	0	16	3	0
46 Other services	-	-	-	-	-	-	-	-	-	2	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total intermediate consumption	2,788	380	7,802	137	392	256	66	388	400	4,504	9,938	743
50 Compensation of Employees	359	198	1,252	37	142	145	19	117	148	612	812	270
51 Other taxes on production	30	13	86	2	10	10	2	2	1	9	12	5
52 less Other subsidies on production	-383	-1	-5	-	-1	-1	-0	-0	-0	-2	-5	-2
53 Consumption of fixed capital	578	37	268	12	11	18	4	23	19	70	387	52
54 Operating surplus, net	2,817	67	1,638	47	35	22	4	65	70	527	6,544	18
55 Value added at basic prices	3,400	315	3,240	97	197	193	28	207	238	1,217	7,751	342
56 Output at basic prices (= row 49 of Table 1)	6,188	695	11,042	234	589	449	94	595	638	5,721	17,689	1,085

Table 2 (contd)
1998 Use Table at purchasers' prices €m

	13	14	15	16	17	18	19	20	21	22	23	24
<i>industries</i>	Manufacture of other non-metallic mineral products	Manufacture of basic metals	Manufacture of fabricated metal products	Manufacture of machinery and equipment n.e.c.	Manufacture of office machinery and computers	Manufacture of electrical machinery n.e.c.	Manufacture of radio, television and communications apparatus	Manufacture of medical, precision and optical instruments	Manufacture of motor vehicles and trailers	Manufacture of other transport equipment	Manufacture of furniture and other goods n.e.c.	Recycling activities
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	-	-	-	-	-	-	-	-	-
2 Mining and quarrying products	50	59	1	1	1	0	0	2	0	0	281	0
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	2	-	-	-	-	-	-	21	10	-	54	-
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	4	-	8	2	-	11	-	-	2	0	96	-
9 Pulp, paper and paper products	10	-	5	3	41	16	8	8	1	0	23	0
10 Printed matter and recorded media	2	1	3	4	27	16	19	12	1	1	4	-
11 Chemical products and man-made fibres	20	5	11	4	14	43	33	10	5	1	20	4
12 Rubber and plastics	2	1	6	12	117	55	3	45	17	1	33	-
13 Other non-metallic mineral products	85	1	4	1	54	15	10	-	4	0	-	-
14 Basic metals	5	128	186	89	132	214	22	25	33	4	93	-
15 Fabricated metal products	19	8	152	90	181	171	66	63	39	15	26	-
16 Machinery and equipment n.e.c.	40	18	39	174	27	116	27	10	39	5	18	-
17 Office machinery and computers	195	8	99	275	6,623	78	50	29	2	25	20	-
18 Electrical machinery and apparatus	-	-	2	92	343	635	496	243	37	3	-	-
19 Radio, television and communications apparatus	-	-	2	76	1,905	351	163	384	5	0	39	-
20 Medical, precision and optical instruments	1	13	4	1	45	7	7	68	2	2	1	-
21 Motor vehicles and trailers	1	0	1	3	-	-	1	-	28	0	1	9
22 Other transport equipment	-	-	-	-	-	-	-	-	13	206	-	-
23 Furniture and other manufactured goods n.e.c.	11	13	2	0	1	1	0	1	2	0	100	0
24 Recycling	1	34	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	30	29	8	8	4	26	15	15	3	2	11	2
26 Water collection and distribution	1	0	0	0	-	1	1	0	0	0	2	0
27 Construction work	2	1	3	0	3	6	6	1	0	2	4	0
28 Motor fuel and vehicle and trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	-	-	-	-	-	-	-	-	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	3	2	4	0	1	5	2	1	1	1	3	0
32 Land transport services	28	2	9	2	7	22	14	2	4	2	23	3
33 Water transport services	25	17	7	1	2	19	4	4	6	2	11	1
34 Air transport services	9	7	3	0	1	7	1	1	2	1	4	0
35 Auxiliary transport services and travel agencies	5	2	6	1	3	12	5	2	2	2	5	0
36 Post and telecommunication services	17	6	13	2	3	15	4	3	3	1	9	0
37 Financial intermediation services	55	37	60	7	17	72	32	13	19	14	43	2
38 Insurance and pension services	5	4	9	1	1	7	1	1	1	1	6	0
39 Services auxiliary to financial intermediation	5	4	2	0	0	5	1	1	1	0	2	0
40 Business services	25	16	26	60	1,081	108	757	20	9	7	53	1
41 Public administration and defence	4	3	4	0	1	3	1	1	1	1	6	1
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	2	1	3	1	2	6	3	1	1	1	2	0
44 Membership organisation services n.e.c	0	1	1	0	0	1	1	0	0	0	1	-
45 Recreation	0	0	0	0	0	0	0	0	0	0	0	-
46 Other services	-	-	-	-	0	-	-	-	0	0	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total intermediate consumption	666	422	682	911	10,635	2,044	1,756	985	295	303	994	24
50 Compensation of Employees	318	82	308	378	522	385	453	439	110	178	292	6
51 Other taxes on production	14	2	5	3	2	2	3	0	4	4	6	0
52 less Other subsidies on production	-1	-0	-0	-0	-0	-0	-0	-0	-0	-0	-	-
53 Consumption of fixed capital	94	-	98	28	220	11	206	163	12	3	43	1
54 Operating surplus, net	73	-5	58	200	1,631	137	775	438	45	40	163	3
55 Value added at basic prices	498	79	469	608	2,375	534	1,437	1,040	170	224	504	10
56 Output at basic prices (= row 49 of Table 1)	1,165	500	1,151	1,519	13,010	2,578	3,193	2,025	465	528	1,498	34

Table 2 (contd)
1998 Use Table at purchasers' prices €m

	25	26	27	28	29	30	31	32	33	34	35	36
<i>industries</i>	Electricity and gas supply	Water collection and distribution	Construction	Motor fuel and vehicle trade and repair	Wholesale trade	Retail trade and repair of household goods	Hotels and restaurants	Land transport	Water transport	Air transport	Auxiliary transport services and travel agencies	Post and telecommunication
<i>products</i>												
1 Agriculture, forestry and fishing	2	-	-	1	9	15	95	-	1	-	0	0
2 Mining and quarrying products	283	-	344	1	5	2	8	2	2	18	29	0
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	0	0	0	-	-	-	-	-
5 Textiles	-	-	50	9	22	30	17	-	0	3	2	2
6 Wearing Apparel	-	-	18	2	3	5	20	-	-	4	3	3
7 Leather and leather products	-	-	13	23	11	11	19	-	-	2	1	3
8 Wood and wood products (excl furniture)	-	-	338	1	3	3	6	-	0	-	3	1
9 Pulp, paper and paper products	3	1	21	2	16	8	7	-	-	1	3	1
10 Printed matter and recorded media	20	5	39	7	40	12	10	-	0	3	35	6
11 Chemical products and man-made fibres	2	3	83	3	10	13	7	-	0	1	7	1
12 Rubber and plastics	2	1	444	20	42	11	2	103	0	4	11	30
13 Other non-metallic mineral products	-	1	989	1	23	4	2	-	0	2	3	2
14 Basic metals	1	0	85	0	4	4	-	24	0	0	1	3
15 Fabricated metal products	37	1	486	4	9	7	1	-	0	1	3	2
16 Machinery and equipment n.e.c.	62	12	629	38	43	24	1	-	0	3	7	12
17 Office machinery and computers	177	3	45	3	3	1	2	-	0	4	7	16
18 Electrical machinery and apparatus	111	-	185	3	12	9	0	-	0	5	5	58
19 Radio, television and communications apparatus	6	-	25	3	9	3	1	-	-	4	11	219
20 Medical, precision and optical instruments	7	0	14	1	2	0	0	-	0	2	3	8
21 Motor vehicles and trailers	2	0	9	23	6	3	1	125	0	0	4	1
22 Other transport equipment	-	-	9	5	5	1	3	120	38	215	64	4
23 Furniture and other manufactured goods n.e.c.	47	1	118	32	57	40	37	172	1	12	19	11
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	123	12	21	19	37	87	130	79	1	6	7	6
26 Water collection and distribution	1	-	1	0	0	1	0	-	-	0	0	0
27 Construction work	61	-	4,561	2	20	22	12	-	0	2	70	24
28 Motor fuel and vehicle trade and repair	-	-	0	0	2	1	0	6	0	0	1	0
29 Wholesale trade	-	-	-	-	-	-	-	-	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	23	-	9	2	13	76	16	-	1	28	18	7
32 Land transport services	3	-	83	13	148	20	4	132	2	21	25	15
33 Water transport services	5	-	71	28	98	7	30	-	151	64	162	34
34 Air transport services	1	-	19	9	34	9	19	-	1	199	92	34
35 Auxiliary transport services and travel agencies	42	-	17	31	484	57	43	85	25	228	1,176	22
36 Post and telecommunication services	71	-	67	23	81	43	38	32	1	12	14	191
37 Financial intermediation services	231	-	256	28	125	98	60	116	2	34	164	21
38 Insurance and pension services	26	-	23	16	33	32	34	43	0	5	6	2
39 Services auxiliary to financial intermediation	1	-	51	2	22	15	5	-	2	18	9	5
40 Business services	92	0	882	54	365	522	546	20	5	100	119	75
41 Public administration and defence	8	-	16	3	6	6	13	-	0	5	8	4
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	23	-	25	2	12	5	13	-	0	6	6	7
44 Membership organisation services n.e.c	5	-	-	0	1	1	7	-	-	1	7	4
45 Recreation	1	-	0	0	0	0	1	-	-	0	1	1
46 Other services	1	-	5	1	4	4	17	-	0	14	9	5
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total intermediate consumption	1,480	39	10,052	416	1,819	1,210	1,227	1,057	234	1,027	2,112	842
50 Compensation of Employees	382	46	2,878	517	1,564	1,809	1,093	526	54	322	326	919
51 Other taxes on production	16	1	7	33	98	87	64	27	7	25	14	7
52 less Other subsidies on production	-	-	-	-	-0	-	-	-	-	-	-	-
53 Consumption of fixed capital	187	-	89	50	151	169	34	120	16	23	29	452
54 Operating surplus, net	211	-0	2,491	535	971	809	883	314	89	108	205	713
55 Value added at basic prices	797	47	5,465	1,135	2,784	2,873	2,075	987	166	477	574	2,091
56 Output at basic prices (= row 49 of Table 1)	2,277	86	15,517	1,551	4,604	4,083	3,302	2,044	401	1,504	2,686	2,932

Table 2 (contd)

1998 Use Table at purchasers' prices €m

	37	38	39	40	41	42	43	44	45	46	47	48
<i>industries</i>	Financial intermediation	Insurance and pension funding activities	Auxiliary financial intermediation	Business activities	Public administration and defence	Education	Health and social work activities	Membership organisation activities n.e.c	Recreation	Other services	Private households with employed persons	Extra-territorial services
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	0	-	-	-	-	1	-	-	-
2 Mining and quarrying products	-	-	0	1	34	1	16	-	1	1	-	-
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	0	-	-	2	-	0	-	-	-
5 Textiles	5	1	0	10	6	0	7	-	1	7	-	-
6 Wearing Apparel	9	2	1	20	22	0	12	-	4	20	-	-
7 Leather and leather products	4	0	1	10	1	-	0	-	2	9	-	-
8 Wood and wood products (excl furniture)	1	0	0	8	4	0	1	-	1	0	-	-
9 Pulp, paper and paper products	10	3	2	27	8	38	13	-	1	1	-	-
10 Printed matter and recorded media	119	24	7	88	31	27	17	14	6	14	-	-
11 Chemical products and man-made fibres	2	1	0	14	15	3	157	-	8	35	-	-
12 Rubber and plastics	6	1	1	20	10	0	52	2	1	5	-	-
13 Other non-metallic mineral products	-	-	-	1	0	1	2	-	2	1	-	-
14 Basic metals	0	0	0	3	0	-	0	-	0	0	-	-
15 Fabricated metal products	3	1	0	6	7	16	2	-	0	0	-	-
16 Machinery and equipment n.e.c.	11	2	1	63	7	-	52	-	1	4	-	-
17 Office machinery and computers	7	1	1	128	15	13	15	-	0	0	-	-
18 Electrical machinery and apparatus	5	2	1	46	5	0	0	0	1	2	-	-
19 Radio, television and communications apparatus	5	2	1	60	1	-	1	-	4	3	-	-
20 Medical, precision and optical instruments	1	0	0	12	2	3	52	-	0	0	-	-
21 Motor vehicles and trailers	2	1	0	18	2	-	-	-	0	0	-	-
22 Other transport equipment	4	1	3	14	16	-	-	-	1	1	-	-
23 Furniture and other manufactured goods n.e.c.	33	6	2	69	93	59	71	13	14	13	-	-
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	23	4	4	61	57	41	17	5	17	14	-	-
26 Water collection and distribution	0	0	0	1	0	-	-	-	0	0	-	-
27 Construction work	66	17	0	653	573	71	14	6	5	3	-	-
28 Motor fuel and vehicle trade and repair	1	0	0	3	1	1	2	1	4	2	-	-
29 Wholesale trade	-	-	-	9	0	-	-	0	-	-	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	5	1	-	-	-	-	-
31 Hotel and restaurant services	33	6	2	47	12	3	0	5	1	1	-	-
32 Land transport services	30	7	1	24	9	2	4	3	3	2	-	-
33 Water transport services	38	9	7	26	-	-	-	-	1	0	-	-
34 Air transport services	178	26	2	92	14	-	-	-	3	4	-	-
35 Auxiliary transport services and travel agencies	93	20	6	106	0	0	-	-	4	10	-	-
36 Post and telecommunication services	504	101	74	176	133	17	5	6	9	7	-	-
37 Financial intermediation services	310	66	13	164	8	5	0	0	2	11	-	-
38 Insurance and pension services	3	11	1	44	34	8	2	2	4	4	-	-
39 Services auxiliary to financial intermediation	355	127	116	111	27	0	2	-	0	3	-	-
40 Business services	575	189	23	925	316	166	224	43	202	113	-	-
41 Public administration and defence	5	1	1	97	105	25	61	-	3	29	-	-
42 Education	-	-	-	-	-	-	-	-	-	-	0	-
43 Health and social work services	18	3	1	22	7	0	1,055	-	2	18	-	-
44 Membership organisation services n.e.c	9	1	0	20	15	2	1	7	19	2	-	-
45 Recreation	1	0	0	3	1	6	0	-	16	1	-	0
46 Other services	20	2	1	30	3	2	4	-	2	260	-	-
47 Private households with employed persons	-	-	-	0	-	-	0	-	-	-	-	-
48 Extra-territorial services	15	-	-	54	-	-	-	-	-	-	-	-
49 Total intermediate consumption	2,506	640	276	3,285	1,597	516	1,865	107	350	604	0	0
50 Compensation of Employees	1,234	607	262	2,444	2,758	2,897	2,987	219	377	366	144	10
51 Other taxes on production	10	10	16	102	-	8	10	-	-	-	-	-
52 less Other subsidies on production	-	-	-	-140	-	-0	-0	-	-	-	-	-
53 Consumption of fixed capital	708	348	150	1,940	199	-	140	12	154	37	-	-
54 Operating surplus, net	-40	166	275	5,237	0	-1	826	8	78	129	6	-
55 Value added at basic prices	1,912	1,132	703	9,583	2,957	2,904	3,963	239	609	532	151	10
56 Output at basic prices (= row 49 of Table 1)	4,418	1,771	979	12,868	4,553	3,419	5,828	346	959	1,136	151	10

Table 2 (contd)
1998 Use Table at purchasers' prices €m

	49	50	51	52	53	54	55	56	57
<i>industries</i>	Total inter - industry	Household consumption expenditure	NPISH consumption expenditure	Government consumption expenditure	Gross fixed capital formation and valuables	Changes in inventories	Exports (f.o.b.)	Total Final uses	Total uses (= column 55 of Table 1)
<i>products</i>									
1 Agriculture, forestry and fishing	4,506	861	20	-	16	108	535	1,539	6,044
2 Mining and quarrying products	1,288	41	7	-	-	14	157	219	1,507
3 Food and beverages	1,552	7,744	111	-	-	108	6,279	14,242	15,794
4 Tobacco products	14	1,054	-	-	-	24	51	1,129	1,143
5 Textiles	754	763	-	-	59	27	630	1,478	2,232
6 Wearing Apparel	192	1,211	-	-	-	22	332	1,566	1,758
7 Leather and leather products	133	354	-	-	-	18	108	480	613
8 Wood and wood products (excl furniture)	803	21	-	-	19	4	157	201	1,004
9 Pulp, paper and paper products	1,075	309	-	-	-	22	168	499	1,574
10 Printed matter and recorded media	2,416	670	-	-	-	19	5,549	6,239	8,655
11 Chemical products and man-made fibres	3,730	1,355	-	-	-	366	17,788	19,508	23,238
12 Rubber and plastics	1,394	146	-	-	-	18	662	825	2,219
13 Other non-metallic mineral products	1,281	170	-	-	1	7	477	655	1,936
14 Basic metals	1,104	9	-	-	-	33	501	542	1,646
15 Fabricated metal products	1,713	170	-	-	233	81	437	921	2,634
16 Machinery and equipment n.e.c.	2,032	383	-	-	1,576	94	1,528	3,582	5,614
17 Office machinery and computers	8,291	94	-	-	532	57	13,086	13,769	22,060
18 Electrical machinery and apparatus	2,303	7	-	-	127	66	2,487	2,687	4,990
19 Radio, television and communications apparatus	3,282	162	-	-	416	127	3,864	4,568	7,851
20 Medical, precision and optical instruments	320	205	-	-	588	72	2,248	3,113	3,433
21 Motor vehicles and trailers	291	1,638	-	-	2,197	561	371	4,768	5,059
22 Other transport equipment	745	56	-	-	291	16	709	1,073	1,818
23 Furniture and other manufactured goods n.e.c.	1,474	2,145	7	-	182	149	690	3,173	4,647
24 Recycling	36	-	-	-	-	0	-	0	36
25 Electricity and gas	1,349	984	18	-	-	-	1	1,003	2,352
26 Water collection and distribution	80	6	-	-	-	-	-	6	86
27 Construction work	6,490	121	-	-	9,870	-	-	9,991	16,481
28 Motor fuel and vehicle trade and repair	65	193	-	-	-	-	-	193	257
29 Wholesale trade	9	476	-	-	-	-	-	476	485
30 Retail trade and repair of household goods	7	181	-	-	-	-	-	181	188
31 Hotel and restaurant services	440	3,493	-	-	-	-	1,095	4,588	5,028
32 Land transport services	1,021	904	-	-	-	-	120	1,024	2,046
33 Water transport services	1,412	20	-	-	-	-	148	168	1,579
34 Air transport services	934	310	-	-	-	-	645	955	1,889
35 Auxiliary transport services and travel agencies	2,783	80	-	-	-	-	412	492	3,275
36 Post and telecommunication services	2,226	736	33	-	-	-	250	1,019	3,246
37 Financial intermediation services	4,216	437	-	-	-	-	901	1,339	5,554
38 Insurance and pension services	530	1,149	-	-	-	-	1,171	2,320	2,850
39 Services auxiliary to financial intermediation	979	-	-	-	-	-	-	-	979
40 Business services	14,761	6,040	-	606	1,026	-	2,746	10,418	25,179
41 Public administration and defence	612	17	-	3,988	-	-	154	4,159	4,772
42 Education	0	279	1,122	2,060	-	-	-	3,461	3,461
43 Health and social work services	1,470	943	-	3,516	-	-	-	4,459	5,929
44 Membership organisation services n.e.c	148	-	222	-	-	-	-	222	370
45 Recreation	55	902	-	-	95	-	295	1,293	1,347
46 Other services	387	494	349	-	-	-	8	851	1,237
47 Private households with employed persons	0	166	-	-	-	-	-	166	166
48 Extra-territorial services	69	-	-	-	-	-	10	10	79
49 Total intermediate consumption	80,770	37,497	1,890	10,171	17,228	2,014	66,769	135,569	216,339
50 Compensation of Employees	32,321								
51 Other taxes on production	770								
52 /less Other subsidies on production	-545								
53 Consumption of fixed capital	7,365								
54 Operating surplus, net	29,428								
55 Value added at basic prices	69,339								
56 Output at basic prices (= row 49 of Table 1)	150,109								

Table 3
1998 Use Table for imports in basic prices €m

	1	2	3	4	5	6	7	8	9	10	11	12
<i>industries</i>	Agriculture, forestry and fishing	Mining and quarrying	Manufacture of food and beverages	Manufacture of tobacco products	Manufacture of textiles	Manufacture of wearing apparel	Manufacture of leather and leather products	Manufacture of wood and wood products	Manufacture of pulp, paper and paper products	Manufacture of printed matter and recorded media	Manufacture of chemical products and man-made fibres	Manufacture of rubber and plastics
<i>products</i>												
1 Agriculture, forestry and fishing	46	-	289	1	3	-	-	21	-	-	2	1
2 Mining and quarrying products	-	24	5	0	1	0	0	1	0	0	47	0
3 Food and beverages	802	-	313	-	-	-	26	-	3	-	109	2
4 Tobacco products	-	-	-	12	-	-	-	-	-	-	-	-
5 Textiles	18	-	-	-	241	166	1	-	4	0	43	17
6 Wearing Apparel	1	2	-	-	-	39	-	-	-	0	-	-
7 Leather and leather products	-	-	-	-	-	-	24	-	-	-	-	-
8 Wood and wood products (excl furniture)	0	1	26	1	-	-	-	93	-	0	6	1
9 Pulp, paper and paper products	-	1	121	3	3	2	0	5	66	232	63	12
10 Printed matter and recorded media	2	0	-	-	-	-	-	-	3	288	11	1
11 Chemical products and man-made fibres	414	27	126	0	20	-	2	18	36	88	2,069	152
12 Rubber and plastics	8	2	55	0	1	1	0	1	1	19	66	78
13 Other non-metallic mineral products	-	6	8	-	-	-	-	0	-	0	3	5
14 Basic metals	-	0	1	0	-	-	-	-	-	-	29	5
15 Fabricated metal products	7	5	22	-	1	1	1	2	0	0	28	16
16 Machinery and equipment n.e.c.	46	67	-	-	-	-	-	0	-	60	242	26
17 Office machinery and computers	2	-	-	-	-	-	-	-	191	-	207	19
18 Electrical machinery and apparatus	-	0	-	-	-	-	-	-	-	-	-	1
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	4	-	-	-	-	-	-	-	-	43	1
21 Motor vehicles and trailers	0	6	22	0	2	0	0	1	1	6	2	1
22 Other transport equipment	15	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	82	5	13	0	0	0	0	1	0	1	74	3
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	0	0	0	0	0	0	0	0	0	0	0	0
26 Water collection and distribution	-	-	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle and trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	0	0	0	0	0	0	0	0	0	0	0	0
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	0	0	2	0	0	0	0	0	0	1	3	0
32 Land transport services	-	-	-	-	-	-	-	-	-	-	-	-
33 Water transport services	-	11	33	10	1	2	0	-	1	217	195	9
34 Air transport services	0	1	5	1	0	0	0	-	0	13	22	1
35 Auxiliary transport services and travel agencies	1	0	11	2	1	0	0	0	0	2	39	2
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	-
37 Financial intermediation services	1	10	101	9	4	2	0	5	2	10	286	19
38 Insurance and pension services	4	2	19	1	2	1	0	3	0	11	46	5
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-	-	-	-
40 Business services	16	9	1,428	12	13	9	1	8	2	1,144	2,484	40
41 Public administration and defence	1	0	6	0	0	0	0	0	0	1	12	1
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
45 Recreation	-	-	-	-	-	-	-	-	-	-	-	-
46 Other services	-	-	-	-	-	-	-	-	-	0	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total	1,468	184	2,606	52	293	223	54	158	311	2,095	6,132	421

Table 3 (contd)
1998 Use Table for imports in basic prices €m

	13	14	15	16	17	18	19	20	21	22	23	24
<i>industries</i>	Manufacture of other non-metallic mineral products	Manufacture of basic metals	Manufacture of fabricated metal products	Manufacture of machinery and equipment n.e.c.	Manufacture of office machinery and computers	Manufacture of electrical machinery n.e.c.	Manufacture of radio, television and communications apparatus	Manufacture of medical, precision and optical instruments	Manufacture of motor vehicles and trailers	Manufacture of other transport equipment	Manufacture of furniture and other goods n.e.c.	Recycling activities
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	-	-	-	-	-	-	-	-	-
2 Mining and quarrying products	9	56	0	0	0	0	0	1	0	0	236	0
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	2	-	-	-	-	-	-	21	10	-	54	-
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	2	-	3	1	-	5	-	-	1	0	40	-
9 Pulp, paper and paper products	6	-	3	2	26	10	5	5	0	0	15	0
10 Printed matter and recorded media	0	0	0	1	5	3	3	2	0	0	1	-
11 Chemical products and man-made fibres	20	5	11	4	13	42	32	10	5	1	20	4
12 Rubber and plastics	2	0	4	9	82	40	2	31	12	0	23	-
13 Other non-metallic mineral products	26	0	1	0	17	5	3	-	1	0	-	-
14 Basic metals	4	103	149	69	106	187	17	20	29	3	73	-
15 Fabricated metal products	5	2	44	25	53	59	17	18	14	5	7	-
16 Machinery and equipment n.e.c.	32	15	32	137	22	103	21	8	35	4	15	-
17 Office machinery and computers	185	8	95	261	6,279	76	48	27	2	24	19	-
18 Electrical machinery and apparatus	-	-	1	63	243	485	332	172	28	2	-	-
19 Radio, television and communications apparatus	-	-	2	59	1,413	308	117	310	5	0	30	-
20 Medical, precision and optical instruments	1	11	3	1	37	6	6	55	2	1	1	-
21 Motor vehicles and trailers	1	0	1	2	-	-	0	-	24	0	0	8
22 Other transport equipment	-	-	-	-	-	-	-	-	11	160	-	-
23 Furniture and other manufactured goods n.e.c.	4	6	1	0	0	0	0	0	1	0	30	0
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	0	0	0	0	0	0	0	0	0	0	0	0
26 Water collection and distribution	-	-	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle and trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	0	0	0	0	0	0	0	0	0	0	0	0
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	0	0	0	0	0	0	0	0	0	0	0	0
32 Land transport services	-	-	-	-	-	-	-	-	-	-	-	-
33 Water transport services	20	14	6	1	2	15	4	3	5	2	9	1
34 Air transport services	2	2	1	0	0	2	0	0	1	0	1	0
35 Auxiliary transport services and travel agencies	1	0	1	0	1	2	1	0	0	0	1	0
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	-
37 Financial intermediation services	12	8	13	1	3	15	7	3	4	3	9	0
38 Insurance and pension services	3	2	5	0	0	4	1	1	1	1	4	0
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-	-	-	-
40 Business services	16	11	16	45	812	76	569	14	6	5	34	1
41 Public administration and defence	0	0	0	0	0	0	0	0	0	0	1	0
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
45 Recreation	-	-	-	-	-	-	-	-	-	-	-	-
46 Other services	-	-	-	-	0	-	-	-	0	0	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total	355	245	394	683	9,115	1,443	1,184	704	197	213	621	14

Table 3 (contd)
1998 Use Table for imports in basic prices €m

	25	26	27	28	29	30	31	32	33	34	35	36
<i>industries</i>	Electricity and gas supply	Water collection and distribution	Construction	Motor fuel and vehicle and trade and repair	Wholesale trade	Retail trade and repair of household goods	Hotels and restaurants	Land transport	Water transport	Air transport	Auxiliary transport services and travel agencies	Post and telecommunication
<i>products</i>												
1 Agriculture, forestry and fishing	1	-	-	0	1	1	7	-	0	-	0	0
2 Mining and quarrying products	219	-	42	1	1	1	4	1	1	11	14	0
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	0	0	0	-	-	-	-	-
5 Textiles	-	-	50	9	22	30	16	-	0	3	2	2
6 Wearing Apparel	-	-	18	2	3	5	20	-	-	4	3	3
7 Leather and leather products	-	-	13	23	11	11	19	-	-	2	1	3
8 Wood and wood products (excl furniture)	-	-	138	0	1	1	2	-	0	-	1	0
9 Pulp, paper and paper products	2	0	13	1	10	5	5	-	-	0	2	1
10 Printed matter and recorded media	3	1	7	1	7	2	2	-	0	1	6	1
11 Chemical products and man-made fibres	2	3	79	3	10	12	7	-	0	1	6	1
12 Rubber and plastics	1	1	307	14	30	8	1	74	0	3	8	21
13 Other non-metallic mineral products	-	0	294	0	7	1	1	-	0	1	1	1
14 Basic metals	1	0	64	0	3	3	-	21	0	0	0	2
15 Fabricated metal products	10	0	127	1	3	2	0	-	0	0	1	0
16 Machinery and equipment n.e.c.	50	9	494	33	35	19	0	-	0	3	5	9
17 Office machinery and computers	168	3	43	3	3	1	2	-	0	4	6	15
18 Electrical machinery and apparatus	77	-	124	3	8	6	0	-	0	3	3	39
19 Radio, television and communications apparatus	5	-	19	2	7	3	0	-	-	3	8	167
20 Medical, precision and optical instruments	6	0	11	1	2	0	0	-	0	1	2	6
21 Motor vehicles and trailers	2	0	7	20	5	3	1	107	0	0	3	1
22 Other transport equipment	-	-	6	4	3	0	2	104	27	154	46	3
23 Furniture and other manufactured goods n.e.c.	20	0	42	14	23	16	14	78	0	5	8	4
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	0	0	0	0	0	0	0	0	0	0	0	0
26 Water collection and distribution	-	-	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle and trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	0	0	0	0	0	0	0	0	0	0	0	0
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	2	-	1	0	1	5	1	-	0	2	1	0
32 Land transport services	-	-	-	-	-	-	-	-	-	-	-	-
33 Water transport services	4	-	59	23	81	6	25	-	125	53	133	28
34 Air transport services	0	-	5	2	9	2	5	-	0	54	25	9
35 Auxiliary transport services and travel agencies	8	-	3	6	97	11	9	17	5	46	236	4
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	180
37 Financial intermediation services	49	-	54	6	26	21	13	24	0	7	34	4
38 Insurance and pension services	15	-	14	10	19	19	20	25	0	3	3	1
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-	-	-	-
40 Business services	44	0	458	37	217	306	398	14	3	65	70	48
41 Public administration and defence	1	-	6	0	1	1	1	-	0	1	1	0
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
45 Recreation	-	-	-	-	-	-	-	-	-	-	-	-
46 Other services	0	-	0	0	0	0	2	-	0	1	1	0
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
49 Total	690	18	2,499	221	647	502	578	466	164	429	633	556

Table 3 (contd)
1998 Use Table for imports in basic prices €m

	37	38	39	40	41	42	43	44	45	46	47	48
<i>industries</i>	Financial intermediation	Insurance and pension funding activities	Auxiliary financial intermediation	Business activities	Public administration and defence	Education	Health and social work activities	Membership organisation activities n.e.c	Recreation	Other services	Private households with employed persons	Extra-territorial services
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	0	-	-	-	-	0	-	-	-
2 Mining and quarrying products	-	-	0	1	19	1	10	-	1	0	-	-
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	0	-	-	2	-	0	-	-	-
5 Textiles	5	1	0	10	6	0	7	-	1	7	-	-
6 Wearing Apparel	9	2	1	20	22	0	12	-	4	20	-	-
7 Leather and leather products	4	0	1	10	1	-	0	-	2	9	-	-
8 Wood and wood products (excl furniture)	0	0	0	3	2	0	0	-	0	0	-	-
9 Pulp, paper and paper products	6	2	1	17	5	24	8	-	1	1	-	-
10 Printed matter and recorded media	20	4	1	15	5	5	3	2	1	2	-	-
11 Chemical products and man-made fibres	2	0	0	13	13	3	143	-	8	32	-	-
12 Rubber and plastics	4	1	0	14	7	0	36	2	1	3	-	-
13 Other non-metallic mineral products	-	-	-	0	0	0	1	-	1	0	-	-
14 Basic metals	0	0	0	2	0	-	0	-	0	0	-	-
15 Fabricated metal products	0	0	0	2	2	4	1	-	0	0	-	-
16 Machinery and equipment n.e.c.	9	1	0	53	6	-	41	-	1	3	-	-
17 Office machinery and computers	7	1	1	120	14	12	14	-	0	0	-	-
18 Electrical machinery and apparatus	3	1	0	33	3	0	0	0	0	1	-	-
19 Radio, television and communications apparatus	3	1	1	49	1	-	0	-	3	3	-	-
20 Medical, precision and optical instruments	1	0	0	10	1	2	36	-	0	0	-	-
21 Motor vehicles and trailers	2	0	0	15	2	-	-	-	0	0	-	-
22 Other transport equipment	2	0	1	10	11	-	-	-	0	0	-	-
23 Furniture and other manufactured goods n.e.c.	13	2	1	26	38	20	24	5	6	5	-	-
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	0	0	0	0	0	0	0	0	0	0	-	-
26 Water collection and distribution	-	-	-	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle and trade and repair	-	-	-	-	-	-	-	-	-	-	-	-
29 Wholesale trade	0	0	0	0	0	0	0	0	0	0	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	2	0	0	3	1	0	0	0	0	0	-	-
32 Land transport services	-	-	-	-	-	-	-	-	-	-	-	-
33 Water transport services	32	8	6	21	-	-	-	-	0	0	-	-
34 Air transport services	48	7	1	25	4	-	-	-	1	1	-	-
35 Auxiliary transport services and travel agencies	19	4	1	21	0	0	-	-	1	2	-	-
36 Post and telecommunication services	-	-	-	-	-	-	-	-	-	-	-	-
37 Financial intermediation services	65	14	3	35	2	1	0	0	0	2	-	-
38 Insurance and pension services	2	7	1	26	20	5	1	1	3	2	-	-
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-	-	-	-
40 Business services	367	123	14	627	187	95	152	32	146	62	-	-
41 Public administration and defence	1	0	0	11	8	3	7	-	0	3	-	-
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-	-	-	-
45 Recreation	-	-	-	-	-	-	-	-	-	-	-	-
46 Other services	2	0	0	3	0	0	0	-	0	23	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	15	-	-	54	-	-	-	-	-	-	-	-
49 Total	634	180	34	1,251	379	174	498	43	183	185	-	-

Table 3 (contd)
1998 Use Table for imports in basic prices €m

	49	50	51	52	53	54	55	56	57
<i>industries</i>	Total inter - industry	Household consumption expenditure	NPISH consumption expenditure	Government consumption expenditure	GFCF and valuables	Changes in inventories	Exports (f.o.b.)	Total Final uses	Total
<i>products</i>									
1 Agriculture, forestry and fishing	371	281	-	-	-	134	-	415	786
2 Mining and quarrying products	707	-	-	-	-	-	-	-	707
3 Food and beverages	1,255	1,127	29	-	-	28	73	1,258	2,513
4 Tobacco products	14	33	-	-	-	-	-	33	47
5 Textiles	749	152	-	-	40	-	-	192	941
6 Wearing Apparel	192	639	-	-	-	-	-	639	831
7 Leather and leather products	133	138	-	-	-	18	-	157	290
8 Wood and wood products (excl furniture)	330	8	-	-	13	-	-	22	352
9 Pulp, paper and paper products	686	111	-	-	-	-	-	111	797
10 Printed matter and recorded media	410	191	-	-	-	-	-	191	601
11 Chemical products and man-made fibres	3,457	609	-	-	-	284	3	896	4,354
12 Rubber and plastics	974	26	-	-	-	-	-	26	1,000
13 Other non-metallic mineral products	383	98	-	-	0	-	49	148	531
14 Basic metals	895	4	-	-	-	33	-	37	932
15 Fabricated metal products	486	74	-	-	124	61	-	259	744
16 Machinery and equipment n.e.c.	1,638	152	-	-	1,276	94	-	1,522	3,160
17 Office machinery and computers	7,862	-	-	-	27	11	-	38	7,900
18 Electrical machinery and apparatus	1,632	4	-	-	80	57	-	142	1,774
19 Radio, television and communications apparatus	2,520	76	-	-	337	127	807	1,347	3,868
20 Medical, precision and optical instruments	253	130	-	-	441	72	250	893	1,145
21 Motor vehicles and trailers	247	825	-	-	1,159	537	-	2,520	2,768
22 Other transport equipment	561	42	-	-	215	16	182	456	1,017
23 Furniture and other manufactured goods n.e.c.	586	250	-	-	131	108	5	494	1,079
24 Recycling	-	-	-	-	-	-	-	-	-
25 Electricity and gas	2	-	-	-	-	-	-	-	2
26 Water collection and distribution	-	-	-	-	-	-	-	-	-
27 Construction work	-	-	-	-	-	-	-	-	-
28 Motor fuel and vehicle and trade and repair	-	55	-	-	65	-122	1	-0	-0
29 Wholesale trade	1	-	-	-	-	-	2,875	2,875	2,876
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	29	791	-	-	-	-	-	791	820
32 Land transport services	-	90	-	-	-	-	-	90	90
33 Water transport services	1,163	21	-	-	-	-	-	21	1,184
34 Air transport services	253	85	-	-	-	-	-	85	338
35 Auxiliary transport services and travel agencies	558	-	-	-	-	-	-	-	558
36 Post and telecommunication services	180	-	-	-	-	-	-	-	180
37 Financial intermediation services	888	65	-	-	-	-	-	65	953
38 Insurance and pension services	314	765	-	-	-	-	-	765	1,079
39 Services auxiliary to financial intermediation	-	-	-	-	-	-	-	-	-
40 Business services	10,225	136	-	384	581	-	37	1,138	11,364
41 Public administration and defence	69	0	-	-	-	-	-	0	69
42 Education	-	-	-	-	-	-	-	-	-
43 Health and social work services	-	-	-	-	-	-	-	-	-
44 Membership organisation services n.e.c	-	-	-	-	-	-	-	-	-
45 Recreation	-	227	-	-	4	-	-	231	231
46 Other services	34	-	14	-	-	-	-	14	48
47 Private households with employed persons	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	69	-	-	-	-	-	-	-	69
49 Total	40,127	7,206	43	384	4,494	1,461	4,284	17,873	58,000

Table 4

1998 Symmetric Input-Output table of domestic product flows €m

Note that figures in rows 1 to 48 of this table (all columns) refer to domestic production only and are at basic prices

Row 60 of table 4 = column 49 of Table 1

	1	2	3	4	5	6	7	8	9	10	11	12
<i>products</i>	Agriculture, forestry and fishing	Mining and quarrying products	Food and beverages	Tobacco products	Textiles	Wearing Apparel	Leather and leather products	Wood and wood products (excl furniture)	Pulp, paper and paper products	Printed matter and recorded media	Chemical products and man-made fibres	Rubber and plastics
<i>products</i>												
1 Agriculture, forestry and fishing	581	-	4,367	12	48	-	-	26	-	-	26	4
2 Mining and quarrying products	-	24	3	0	0	0	0	0	0	0	41	0
3 Food and beverages	190	-	72	-	-	-	7	-	1	-	26	1
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	0	-	-	-	2	1	-	-	0	-	0	0
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	0	2	34	1	-	-	-	125	-	0	8	1
9 Pulp, paper and paper products	-	1	67	2	2	1	0	3	39	131	37	7
10 Printed matter and recorded media	8	0	-	-	-	-	-	-	15	1,406	58	6
11 Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	0	-
12 Rubber and plastics	3	1	19	0	0	0	0	0	1	6	24	27
13 Other non-metallic mineral products	-	12	14	-	-	-	-	1	-	0	6	9
14 Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15 Fabricated metal products	9	7	28	-	1	1	1	2	0	0	37	20
16 Machinery and equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
17 Office machinery and computers	-	-	-	-	-	-	-	-	0	-	0	0
18 Electrical machinery and apparatus	-	-	-	-	-	-	-	-	-	-	-	0
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	14	1	2	0	0	0	-	0	0	0	26	1
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	1
25 Electricity and gas	51	27	114	1	10	2	0	15	6	24	149	26
26 Water collection and distribution	-	-	15	-	0	-	-	-	0	6	45	1
27 Construction work	108	11	48	1	1	0	0	2	0	31	75	1
28 Motor fuel and vehicle trade and repair	57	2	5	0	0	0	0	0	0	1	8	1
29 Wholesale trade	70	25	44	0	2	1	1	12	14	24	305	48
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	1	2	25	1	1	1	0	2	0	14	44	5
32 Land transport services	7	33	123	3	5	3	1	9	1	85	60	11
33 Water transport services	-	3	7	2	0	0	0	-	0	46	43	2
34 Air transport services	0	4	13	3	1	0	0	-	0	34	61	3
35 Auxiliary transport services and travel agencies	4	1	40	7	2	1	0	1	1	8	155	9
36 Post and telecommunication services	23	4	130	4	5	2	0	6	2	69	282	20
37 Financial intermediation services	4	38	345	30	18	6	1	18	6	34	1,030	66
38 Insurance and pension services	3	2	12	1	1	1	0	2	0	7	32	4
39 Services auxiliary to financial intermediation	-	4	8	3	1	1	0	-	0	12	55	3
40 Business services	5	7	430	5	6	4	1	6	2	333	727	19
41 Public administration and defence	8	1	49	1	3	0	1	2	1	5	95	6
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	73	-	25	4	2	1	0	0	0	7	96	5
44 Membership organisation services n.e.c	1	-	5	1	-	0	-	-	0	7	18	1
45 Recreation	0	0	0	0	0	0	-	0	0	8	2	0
46 Other services	-	-	-	-	-	-	-	-	-	2	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
Total intermediate consumption of domestic output at basic prices	1,221	211	6,045	82	111	26	14	231	91	2,301	3,571	305
49 Imports of goods & services	1,463	207	2,569	52	337	181	65	160	321	2,075	6,207	413
51 Product taxes	90	10	133	3	3	1	0	3	1	91	305	13
52 less Product subsidies	-	-	-1,045	-	-	-	-	-	-	-	-	-
53 Total inter industry at purchasers' prices	2,774	427	7,702	137	451	208	79	394	412	4,467	10,084	731
54 Other taxes on production	29	15	86	2	12	8	2	2	1	9	12	5
55 less Other subsidies on production	-380	-1	-5	-	-1	-1	-0	-0	-0	-2	-5	-2
56 Compensation of Employees	348	218	1,240	37	164	118	23	119	153	609	826	266
57 Consumption of fixed capital	578	40	266	12	13	15	4	24	20	70	394	51
58 Net operating surplus	2,810	76	1,614	47	40	18	5	66	72	522	6,621	17
59 Value added	3,385	347	3,200	97	227	158	34	210	246	1,208	7,848	338
60 Output at basic prices (= column 57)	6,159	774	10,902	234	679	366	113	604	658	5,676	17,931	1,068

Table 4 (contd)
1998 Symmetric Input-Output table of domestic product flows €m

	13	14	15	16	17	18	19	20	21	22	23	24
<i>products</i>	Other non-metallic mineral products	Basic metals	Fabricated metal products	Machinery and equipment n.e.c.	Office machinery and computers	Electrical machinery and apparatus	Radio, television and communications apparatus	Medical, precision and optical instruments	Motor vehicles and trailers	Other transport equipment	Furniture and other manufactured goods n.e.c.	Recycling
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	-	-	-	-	-	-	-	-	-
2 Mining and quarrying products	38	3	0	0	0	0	0	1	0	-	45	0
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	0	-	-	-	-	-	-	0	0	-	0	-
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	2	-	4	1	-	7	-	-	1	0	48	-
9 Pulp, paper and paper products	3	-	2	1	15	6	3	3	0	0	8	0
10 Printed matter and recorded media	2	1	2	4	23	15	15	10	1	1	3	-
11 Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
12 Rubber and plastics	1	0	1	3	29	15	1	11	4	0	7	-
13 Other non-metallic mineral products	43	1	2	1	30	9	5	-	3	0	-	-
14 Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15 Fabricated metal products	7	3	57	33	69	81	21	23	18	6	8	-
16 Machinery and equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
17 Office machinery and computers	0	0	0	0	6	0	0	0	-	0	0	-
18 Electrical machinery and apparatus	-	-	0	9	35	75	46	25	4	0	-	-
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	3	1	0	0	0	0	0	0	2	0	67	0
24 Recycling	1	32	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	28	29	8	8	4	28	15	15	3	2	10	2
26 Water collection and distribution	1	0	0	0	-	1	1	0	0	0	2	0
27 Construction work	2	1	3	0	3	6	6	1	0	2	4	0
28 Motor fuel and vehicle trade and repair	1	1	0	0	0	0	0	0	6	46	0	1
29 Wholesale trade	38	37	100	144	1,009	219	198	160	21	7	44	0
30 Retail trade and repair of household goods	-	-	-	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	2	2	4	0	1	4	1	1	1	1	3	0
32 Land transport services	26	2	8	2	7	23	13	2	4	2	20	3
33 Water transport services	4	3	1	0	0	4	1	1	1	0	2	0
34 Air transport services	6	5	2	0	1	5	1	1	1	1	3	0
35 Auxiliary transport services and travel agencies	3	2	5	1	3	10	4	2	2	2	3	0
36 Post and telecommunication services	16	6	13	2	3	16	4	3	3	1	8	0
37 Financial intermediation services	39	28	45	5	12	58	23	10	14	11	28	1
38 Insurance and pension services	2	1	4	0	0	3	0	0	0	0	2	0
39 Services auxiliary to financial intermediation	5	4	2	0	0	5	1	1	1	0	1	0
40 Business services	7	4	8	13	224	28	149	5	2	2	14	0
41 Public administration and defence	3	2	3	0	1	3	1	1	1	1	5	1
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	2	1	3	1	2	7	3	1	1	1	2	0
44 Membership organisation services n.e.c.	0	1	1	0	0	1	1	0	0	0	1	-
45 Recreation	0	0	0	0	0	0	0	0	0	0	0	-
46 Other services	-	-	-	-	0	-	-	-	0	0	-	-
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
Total intermediate consumption of domestic output at basic prices	286	168	282	231	1,478	630	514	275	96	88	337	10
50 Imports of goods & services	335	246	394	698	9,067	1,535	1,132	693	197	213	586	14
51 Product taxes	8	9	7	3	50	12	35	2	2	1	6	0
52 less Product subsidies	-	-	-	-	-	-	-	-	-	-	-	-
53 Total inter industry at purchasers' prices	630	423	682	932	10,595	2,177	1,681	970	294	303	930	24
54 Other taxes on production	14	2	5	4	2	2	3	0	4	4	6	0
55 less Other subsidies on production	-1	-0	-0	-0	-0	-0	-0	-0	-0	-0	-	-
56 Compensation of Employees	302	83	309	388	521	411	435	434	110	179	267	6
57 Consumption of fixed capital	89	-	99	28	220	11	199	161	12	3	40	1
58 Net operating surplus	69	-5	58	204	1,622	146	741	432	45	40	149	3
59 Value added	473	79	470	623	2,365	570	1,377	1,027	170	225	462	10
60 Output at basic prices (= column 57)	1,102	502	1,153	1,556	12,961	2,747	3,057	1,998	464	527	1,392	34

Table 4 (contd)

1998 Symmetric Input-Output table of domestic product flows €m

	25	26	27	28	29	30	31	32	33	34	35	36
<i>products</i>	Electricity and gas	Water collection and distribution	Construction work	Motor fuel and vehicle trade and repair	Wholesale trade	Retail trade and repair of household goods	Hotel and restaurant services	Land transport services	Water transport services	Air transport services	Auxiliary transport services and travel agencies	Post and telecommunication services
<i>products</i>												
1 Agriculture, forestry and fishing	1	-	-	1	9	14	88	-	1	-	0	0
2 Mining and quarrying products	65	-	301	0	4	1	4	1	1	7	15	0
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	-	-	0	0	0	0	0	-	-	0	0	0
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	-	-	182	0	1	2	3	-	0	-	1	0
9 Pulp, paper and paper products	1	0	8	1	6	3	3	-	-	0	1	0
10 Printed matter and recorded media	17	4	32	6	33	10	8	-	0	3	29	5
11 Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
12 Rubber and plastics	0	0	108	5	10	3	0	26	0	1	3	7
13 Other non-metallic mineral products	-	0	521	1	13	2	1	-	0	1	2	1
14 Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15 Fabricated metal products	13	0	165	2	4	2	0	-	0	0	1	1
16 Machinery and equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
17 Office machinery and computers	0	-	0	-	-	-	-	-	-	-	0	0
18 Electrical machinery and apparatus	11	-	18	0	1	1	0	-	0	1	0	6
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	7	0	51	4	10	8	13	12	0	1	4	3
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	123	12	21	19	37	87	130	79	1	6	7	6
26 Water collection and distribution	1	-	1	0	0	1	0	-	-	0	0	0
27 Construction work	62	-	4,523	2	20	22	12	-	0	2	70	24
28 Motor fuel and vehicle trade and repair	2	0	7	6	6	3	3	45	11	62	20	2
29 Wholesale trade	58	3	454	8	22	12	2	5	0	4	8	75
30 Retail trade and repair of household goods	-	-	174	-	-	-	-	-	-	-	-	-
31 Hotel and restaurant services	20	-	8	2	11	64	14	-	1	24	15	6
32 Land transport services	3	-	80	12	143	20	4	127	2	20	24	15
33 Water transport services	1	-	13	5	17	1	5	-	27	11	28	6
34 Air transport services	1	-	14	7	24	6	14	-	1	145	67	25
35 Auxiliary transport services and travel agencies	33	-	13	25	386	45	34	67	20	182	937	17
36 Post and telecommunication services	71	-	67	23	80	43	37	32	1	12	14	10
37 Financial intermediation services	172	-	192	21	93	73	45	86	1	25	122	15
38 Insurance and pension services	11	-	9	7	13	13	14	17	0	2	2	1
39 Services auxiliary to financial intermediation	1	-	51	2	22	15	5	-	2	18	9	5
40 Business services	39	-	352	14	123	177	133	5	2	29	40	23
41 Public administration and defence	8	-	48	2	5	5	11	-	0	4	7	4
42 Education	-	-	-	-	-	-	-	-	-	-	-	-
43 Health and social work services	22	-	24	2	12	5	13	-	0	6	6	6
44 Membership organisation services n.e.c	5	-	-	0	1	1	6	-	-	1	6	3
45 Recreation	0	-	0	0	0	0	0	-	-	0	1	0
46 Other services	1	-	4	1	4	3	3	-	0	13	8	5
47 Private households with employed persons	-	-	-	-	-	-	-	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
Total intermediate consumption of domestic output at basic prices	748	21	7,443	176	1,111	642	607	503	70	580	1,450	274
49 Imports of goods & services	689	18	2,499	221	647	502	578	466	164	430	633	556
51 Product taxes	41	0	110	18	61	65	42	88	1	17	29	12
52 less Product subsidies	-	-	-	-	-	-	-	-	-	-	-	-
53 Total inter industry at purchasers' prices	1,478	39	10,052	416	1,819	1,210	1,227	1,057	234	1,027	2,112	842
54 Other taxes on production	16	1	7	33	98	87	64	27	7	25	14	7
55 less Other subsidies on production	-	-	-	-	-0	-	-	-	-	-	-	-
56 Compensation of Employees	383	46	2,878	517	1,564	1,809	1,093	526	54	322	326	919
57 Consumption of fixed capital	188	-	89	50	151	169	34	120	16	23	29	452
58 Net operating surplus	211	-0	2,491	535	971	809	883	314	89	108	205	713
59 Value added	798	47	5,465	1,135	2,784	2,873	2,075	987	166	477	574	2,091
60 Output at basic prices (= column 57)	2,276	86	15,517	1,551	4,604	4,083	3,302	2,044	401	1,504	2,686	2,932

Table 4 (contd)

1998 Symmetric Input-Output table of domestic product flows €m

	37	38	39	40	41	42	43	44	45	46	47	48
<i>products</i>	Financial intermediation service Insurance and pension services		Services auxiliary to financial intermediation	Business services	Public administration and defence	Education	Health and social work services	Membership organisation services n.e.c	Recreation	Other services	Private households with employed persons	Extra-territorial services
<i>products</i>												
1 Agriculture, forestry and fishing	-	-	-	0	-	-	-	-	0	-	-	-
2 Mining and quarrying products	-	-	0	1	15	0	6	-	1	0	-	-
3 Food and beverages	-	-	-	-	-	-	-	-	-	-	-	-
4 Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5 Textiles	0	0	-	0	0	-	0	-	0	0	-	-
6 Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8 Wood and wood products (excl furniture)	1	0	0	4	2	0	0	-	0	0	-	-
9 Pulp, paper and paper products	4	1	1	10	3	14	5	-	1	0	-	-
10 Printed matter and recorded media	99	20	6	74	26	23	14	12	5	11	-	-
11 Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
12 Rubber and plastics	2	0	0	5	2	0	13	1	0	1	-	-
13 Other non-metallic mineral products	-	-	-	1	0	0	1	-	1	1	-	-
14 Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15 Fabricated metal products	0	0	0	2	3	5	1	-	0	0	-	-
16 Machinery and equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
17 Office machinery and computers	0	-	-	0	0	0	0	-	-	-	-	-
18 Electrical machinery and apparatus	0	0	0	5	0	-	-	-	0	0	-	-
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	8	2	1	25	18	31	35	1	2	3	-	-
24 Recycling	-	-	-	-	-	-	-	-	-	-	-	-
25 Electricity and gas	23	4	4	61	57	41	17	5	17	14	-	-
26 Water collection and distribution	0	0	0	1	0	-	-	-	0	0	-	-
27 Construction work	66	17	0	653	573	71	14	6	5	3	-	-
28 Motor fuel and vehicle trade and repair	4	1	3	11	11	2	4	2	5	3	-	-
29 Wholesale trade	8	5	2	51	10	8	48	0	3	6	-	-
30 Retail trade and repair of household goods	-	-	-	-	-	5	1	-	-	-	-	-
31 Hotel and restaurant services	28	5	2	40	10	3	0	4	1	1	-	-
32 Land transport services	29	7	1	23	9	2	4	3	3	2	-	-
33 Water transport services	7	2	1	5	-	-	-	-	0	0	-	-
34 Air transport services	129	19	2	67	10	-	-	-	2	3	-	-
35 Auxiliary transport services and travel agencies	74	16	5	84	0	0	-	-	3	8	-	-
36 Post and telecommunication services	502	101	74	175	132	17	5	6	9	7	-	-
37 Financial intermediation services	232	50	10	122	6	4	0	0	1	9	-	-
38 Insurance and pension services	1	5	1	18	14	3	1	1	2	1	-	-
39 Services auxiliary to financial intermediation	355	127	116	111	27	0	2	-	0	3	-	-
40 Business services	187	54	9	248	109	62	59	9	46	42	-	-
41 Public administration and defence	5	1	1	86	98	22	54	-	3	25	-	-
42 Education	-	-	-	0	-	-	-	-	-	-	-	-
43 Health and social work services	18	3	1	21	7	0	1,018	-	2	18	-	-
44 Membership organisation services n.e.c	8	1	0	16	12	2	0	6	16	2	-	-
45 Recreation	1	0	0	2	0	3	0	-	8	1	-	-
46 Other services	18	2	1	27	3	1	4	-	2	237	-	-
47 Private households with employed persons	-	-	-	0	-	-	0	-	-	-	-	-
48 Extra-territorial services	-	-	-	-	-	-	-	-	-	-	-	-
Total intermediate consumption of domestic output at basic prices	1,810	442	240	1,950	1,158	321	1,308	55	141	403	-	-
49 Imports of goods & services	634	180	34	1,253	379	174	498	43	185	185	-	-
50 Product taxes	63	17	2	86	59	20	60	9	26	16	-	-
51 less Product subsidies	-	-	-	-	-	-	-	-	-	-	-	-
52 Total inter industry at purchasers' prices	2,506	640	276	3,289	1,597	516	1,865	107	352	604	-	-
53 Other taxes on production	10	10	16	102	-	8	10	-	-	-	-	-
54 less Other subsidies on production	-	-	-	-143	-	-0	-0	-	-	-	-	-
55 Compensation of Employees	1,234	607	262	2,455	2,758	2,897	2,987	219	383	366	144	10
56 Consumption of fixed capital	708	348	150	1,944	199	-	140	12	157	37	-	-
57 Net operating surplus	-40	166	275	5,240	0	-1	826	8	79	129	6	-
58 Value added	1,912	1,132	703	9,598	2,957	2,904	3,963	239	618	532	151	10
60 Output at basic prices (= column 57)	4,418	1,771	979	12,886	4,553	3,419	5,828	346	970	1,136	151	10

Table 4 (contd)

1998 Symmetric Input-Output table of domestic product flows €m

	49	50	51	52	53	54	55	56	57
<i>products</i>	Inter industry	Household	NPISH	Government	Gross fixed capital consumption	Changes in inventories	Exports	Final demand	Total uses (= row 60)
<i>products</i>									
1 Agriculture, forestry and fishing	5,180	435	20	-	16	-26	534	978	6,159
2 Mining and quarrying products	581	15	7	-	-	14	157	193	774
3 Food and beverages	298	3,884	82	-	-	79	6,559	10,605	10,902
4 Tobacco products	-	159	-	-	-	24	51	234	234
5 Textiles	5	64	-	-	19	27	564	673	679
6 Wearing Apparel	-	11	-	-	-	22	332	366	366
7 Leather and leather products	-	5	-	-	-	-	108	113	113
8 Wood and wood products (excl furniture)	434	4	-	-	5	4	157	170	604
9 Pulp, paper and paper products	388	79	-	-	-	22	168	270	658
10 Printed matter and recorded media	2,006	207	-	-	-	19	3,444	3,670	5,676
11 Chemical products and man-made fibres	0	192	-	-	-	82	17,657	17,931	17,931
12 Rubber and plastics	342	47	-	-	-	18	662	727	1,068
13 Other non-metallic mineral products	680	22	-	-	1	7	393	423	1,102
14 Basic metals	-	1	-	-	-	-	501	502	502
15 Fabricated metal products	633	29	-	-	34	20	437	519	1,153
16 Machinery and equipment n.e.c.	-	28	-	-	-	-	1,528	1,556	1,556
17 Office machinery and computers	8	44	-	-	395	46	12,468	12,953	12,961
18 Electrical machinery and apparatus	240	1	-	-	11	8	2,487	2,507	2,747
19 Radio, television and communications apparatus	-	-	-	-	-	-0	3,057	3,057	3,057
20 Medical, precision and optical instruments	-	-	-	-	-	-	1,998	1,998	1,998
21 Motor vehicles and trailers	-	34	-	-	35	24	371	464	464
22 Other transport equipment	-	-	-	-	-	-	527	527	527
23 Furniture and other manufactured goods n.e.c.	358	267	7	-	51	41	668	1,034	1,392
24 Recycling	34	-	-	-	-	0	-	0	34
25 Electricity and gas	1,347	911	18	-	-	-0	1	929	2,276
26 Water collection and distribution	80	6	-	-	-	0	-	6	86
27 Construction work	6,452	121	-	-	8,944	-0	-	9,064	15,517
28 Motor fuel and vehicle trade and repair	342	508	-	-	579	122	-	1,208	1,551
29 Wholesale trade	3,319	476	-	-	642	121	45	1,284	4,604
30 Retail trade and repair of household goods	181	3,746	-	-	-	-	156	3,902	4,083
31 Hotel and restaurant services	374	2,070	-	-	-	-0	859	2,929	3,302
32 Land transport services	984	908	-	-	-	-	152	1,060	2,044
33 Water transport services	249	4	-	-	-	-0	148	152	401
34 Air transport services	681	225	-	-	-	0	598	823	1,504
35 Auxiliary transport services and travel agencies	2,217	56	-	-	-	0	412	469	2,686
36 Post and telecommunication services	2,039	613	33	-	-	0	248	894	2,932
37 Financial intermediation services	3,149	367	-	-	-	0	901	1,269	4,418
38 Insurance and pension services	216	384	-	-	-	-0	1,171	1,555	1,771
39 Services auxiliary to financial intermediation	979	-	-	-	-	-0	-	-0	979
40 Business services	3,766	5,752	-	222	445	-0	2,701	9,121	12,886
41 Public administration and defence	581	17	-	3,801	-	0	154	3,972	4,553
42 Education	0	277	1,122	2,021	-	-	-	3,419	3,419
43 Health and social work services	1,419	943	-	3,466	-	-0	-	4,409	5,828
44 Membership organisation services n.e.c.	124	-	222	-	-	-	-	222	346
45 Recreation	29	596	-	-	91	-0	255	941	970
46 Other services	340	453	335	-	-	0	8	796	1,136
47 Private households with employed persons	0	151	-	-	-	-	-	151	151
48 Extra-territorial services	-	-	-	-	-	-	10	10	10
Total intermediate consumption of domestic output at basic prices	40,056	24,109	1,847	9,510	11,265	675	62,648	110,053	150,109
50 Imports of goods & services	40,127	7,206	43	384	4,494	1,461	4,284	17,873	58,000
51 Product taxes	1,631	6,312	-	277	1,470	-	369	8,428	10,059
52 less Product subsidies	-1,045	-130	-	-	-	-122	-532	-784	-1,829
53 Total inter industry at purchasers' prices	80,770	37,497	1,890	10,171	17,228	2,014	66,769	135,569	216,339
54 Other taxes on production	770								
55 less Other subsidies on production	-545								
56 Compensation of Employees	32,321								
57 Consumption of fixed capital	7,365								
58 Net operating surplus	29,428								
59 Value added	69,339								
60 Output at basic prices (= column 57)	150,109								

Table 5 (contd)

1998 Input coefficients of domestic product flows (derived from table 4)

	13	14	15	16	17	18	19	20	21	22	23	24

Table 5 (contd)

1998 Input coefficients of domestic product flows (derived from table 4)

[illegible]

		37	38	39	40	41	42	43	44	45	46	47	48
												</	

Table 6

**1998 Leontief inverse of domestic product flows with multipliers for other inputs
(derived from table 5)**

	1	2	3	4	5	6	7	8	9	10	11	12
<i>products</i>	<i>Agriculture, forestry and fishing</i>	<i>Mining and quarrying products</i>	<i>Food and beverages</i>	<i>Tobacco products</i>	<i>Textiles</i>	<i>Wearing Apparel</i>	<i>Leather and leather products</i>	<i>Wood and wood products (excl furniture)</i>	<i>Pulp, paper and paper products</i>	<i>Printed matter and recorded media</i>	<i>Chemical products and man-made fibres</i>	<i>Rubber and plastics</i>
1 Agriculture, forestry and fishing	1.120	0.000	0.452	0.060	0.080	0.000	0.029	0.061	0.001	0.000	0.003	0.005
2 Mining and quarrying products	0.001	1.035	0.002	0.001	0.002	0.001	0.001	0.002	0.001	0.001	0.003	0.002
3 Food and beverages	0.035	0.000	1.021	0.002	0.002	0.000	0.066	0.002	0.001	0.000	0.002	0.001
4 Tobacco products	-	-	-	1.000	-	-	-	-	-	-	-	-
5 Textiles	0.000	0.000	0.000	0.000	1.003	0.003	0.000	0.000	0.000	0.000	0.000	0.000
6 Wearing Apparel	-	-	-	-	-	1.000	-	-	-	-	-	-
7 Leather and leather products	-	-	-	-	-	-	1.000	-	-	-	-	-
8 Wood and wood products (excl furniture)	0.001	0.004	0.005	0.007	0.000	0.000	0.000	1.262	0.000	0.000	0.001	0.002
9 Pulp, paper and paper products	0.000	0.001	0.007	0.009	0.003	0.002	0.002	0.006	1.064	0.033	0.003	0.008
10 Printed matter and recorded media	0.003	0.004	0.003	0.007	0.002	0.001	0.001	0.003	0.033	1.332	0.008	0.011
11 Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	1.000	-
12 Rubber and plastics	0.001	0.002	0.003	0.001	0.001	0.001	0.000	0.001	0.001	0.002	0.002	1.027
13 Other non-metallic mineral products	0.001	0.017	0.002	0.001	0.000	0.000	0.000	0.002	0.000	0.001	0.001	0.010
14 Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15 Fabricated metal products	0.002	0.011	0.004	0.000	0.002	0.002	0.008	0.005	0.001	0.000	0.003	0.021
16 Machinery and equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
17 Office machinery and computers	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18 Electrical machinery and apparatus	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19 Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20 Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21 Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22 Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23 Furniture and other manufactured goods n.e.c.	0.003	0.002	0.002	0.001	0.001	0.000	0.000	0.001	0.000	0.001	0.002	0.001
24 Recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001
25 Electricity and gas	0.011	0.042	0.018	0.007	0.017	0.007	0.005	0.036	0.011	0.008	0.011	0.029
26 Water collection and distribution	0.000	0.000	0.001	0.000	0.001	0.000	0.000	0.000	0.000	0.001	0.003	0.001
27 Construction work	0.030	0.027	0.024	0.015	0.008	0.004	0.004	0.012	0.003	0.018	0.014	0.010
28 Motor fuel and vehicle trade and repair	0.011	0.004	0.005	0.003	0.002	0.001	0.001	0.002	0.001	0.002	0.001	0.002
29 Wholesale trade	0.015	0.038	0.013	0.005	0.005	0.004	0.012	0.029	0.023	0.008	0.020	0.051
30 Retail trade and repair of household goods	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31 Hotel and restaurant services	0.001	0.004	0.003	0.008	0.002	0.002	0.002	0.004	0.001	0.004	0.004	0.006
32 Land transport services	0.003	0.050	0.015	0.015	0.009	0.010	0.008	0.022	0.003	0.023	0.006	0.015
33 Water transport services	0.000	0.004	0.001</									

Table 6 (contd)

**1998 Leontief inverse of domestic product flows with multipliers for other inputs
(derived from table 5)**

[illegible]

Table 6 (contd)

**1998 Leontief inverse of domestic product flows with multipliers for other inputs
(derived from table 5)**

	25	26	27	28	29	30	31	32	33	34	35	36

Table 6 (contd)

1998 Leontief inverse of domestic product flows with multipliers for other inputs
(derived from table 5)

		37	38	39	40	41	42	43	44	45	46	47	48
	<i>products</i>	<i>Financial intermediation services</i>	<i>Insurance and pension services</i>	<i>Services auxiliary to financial intermediation</i>	<i>Business services</i>	<i>Public administration and defence</i>	<i>Education</i>	<i>Health and social work services</i>	<i>Membership organisation services n.e.c</i>	<i>Recreation</i>	<i>Other services</i>	<i>Private households with employed persons</i>	<i>Extra-territorial services</i>
1	Agriculture, forestry and fishing	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.001	0.000	-	-
2	Mining and quarrying products	0.001	0.001	0.000	0.002	0.008	0.002	0.002	0.001	0.002	0.002	-	-
3	Food and beverages	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-
4	Tobacco products	-	-	-	-	-	-	-	-	-	-	-	-
5	Textiles	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-
6	Wearing Apparel	-	-	-	-	-	-	-	-	-	-	-	-
7	Leather and leather products	-	-	-	-	-	-	-	-	-	-	-	-
8	Wood and wood products (excl furniture)	0.001	0.001	0.000	0.002	0.004	0.001	0.001	0.001	0.001	0.001	-	-
9	Pulp, paper and paper products	0.002	0.001	0.001	0.001	0.001	0.005	0.001	0.001	0.001	0.001	-	-
10	Printed matter and recorded media	0.034	0.018	0.010	0.009	0.010	0.010	0.005	0.047	0.009	0.019	-	-
11	Chemical products and man-made fibres	-	-	-	-	-	-	-	-	-	-	-	-
12	Rubber and plastics	0.001	0.001	0.001	0.001	0.002	0.000	0.003	0.002	0.001	0.002	-	-
13	Other non-metallic mineral products	0.001	0.001	0.000	0.003	0.007	0.001	0.001	0.001	0.002	0.001	-	-
14	Basic metals	-	-	-	-	-	-	-	-	-	-	-	-
15	Fabricated metal products	0.001	0.000	0.000	0.001	0.003	0.002	0.000	0.001	0.001	0.001	-	-
16	Machinery and equipment n.e.c.	-	-	-	-	-	-	-	-	-	-	-	-
17	Office machinery and computers	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-
18	Electrical machinery and apparatus	0.001	0.000	0.000	0.001	0.000	0.000	0.000	0.000	0.000	0.000	-	-
19	Radio, television and communications apparatus	-	-	-	-	-	-	-	-	-	-	-	-
20	Medical, precision and optical instruments	-	-	-	-	-	-	-	-	-	-	-	-
21	Motor vehicles and trailers	-	-	-	-	-	-	-	-	-	-	-	-
22	Other transport equipment	-	-	-	-	-	-	-	-	-	-	-	-
23	Furniture and other manufactured goods n.e.c.	0.003	0.002	0.002	0.003	0.005	0.010	0.008	0.003	0.003	0.004	-	-
24	Recycling	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-
25	Electricity and gas	0.009	0.004	0.005	0.006	0.015	0.013	0.005	0.017	0.020	0.019	-	-
26	Water collection and distribution	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	-	-
27	Construction work	0.031	0.019	0.004	0.076	0.186	0.033	0.008	0.031	0.014	0.016	-	-
28	Motor fuel and vehicle trade and repair	0.004	0.002	0.004	0.002	0.003	0.001	0.001	0.007	0.006	0.004	-	-
29	Wholesale trade	0.008	0.006	0.006	0.008	0.011	0.005	0.011	0.004	0.005	0.010	-	-
30	Retail trade and repair of household goods	0.000	0.000	0.000	0.001	0.002	0.002	0.000	0.000	0.000	0.000	-	-
31	Hotel and restaurant services	0.009	0.004	0.003	0.004	0.003	0.001	0.000	0.013	0.002	0.002	-	-
32	Land transport services	0.011	0.006	0.003	0.004	0.005	0.002	0.002	0.010	0.004	0.004	-	-
33	Water transport services	0.003	0.002	0.002	0.001	0.001	0.000	0.000					

Appendix

Appendix

Classification of input-output industry/product groups by NACE Rev.1 / CPA classifications

Code	Industry/product groups	NACE Rev. 1 (A60) / CPA
1	Agriculture, forestry, fishing and related service activities	01, 02, 05
2	Mining and quarrying	10 - 14
3	Manufacture of food products and beverages	15
4	Manufacture of tobacco products	16
5	Manufacture of textiles	17
6	Manufacture of wearing apparel	18
7	Manufacture of leather and leather products	19
8	Manufacture of wood and wood products, except furniture	20
9	Manufacture of pulp, paper and paper products	21
10	Publishing, printing and reproduction of recorded media	22
11	Manufacture of chemical products and man-made fibres	24
12	Manufacture of rubber and plastics	25
13	Manufacture of other non-metallic mineral products	26
14	Manufacture of basic metals	27
15	Manufacture of fabricated metal products, except machinery and equipment	28
16	Manufacture of machinery and equipment n.e.c.	29
17	Manufacture of office machinery and computers	30
18	Manufacture of electrical machinery and apparatus n.e.c.	31
19	Manufacture of radio, television and communication equipment and apparatus	32
20	Manufacture of medical, precision and optical instruments	33
21	Manufacture of motor vehicles and trailers	34
22	Manufacture of other transport equipment	35
23	Manufacture of furniture and other goods n.e.c. and manufacture of petroleum products	23, 36
24	Recycling activities	37
25	Electricity and gas supply	40
26	Water collection and distribution	41
27	Construction	45
28	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel	50
29	Wholesale trade and commission trade services, except of motor vehicles and motorcycles	51
30	Retail trade services, except of motor vehicles and motorcycles; repair services of household goods	52
31	Hotel and restaurant services	55
32	Land transport services	60
33	Water transport services	61
34	Air transport services	62
35	Supporting and auxiliary transport services and travel agency services	63
36	Post and telecommunication services	64
37	Financial intermediation services	65
38	Insurance and pension funding activities	66
39	Services auxiliary to financial intermediation	67
40	Real estate, renting services, computer related services, research and development and other business activities (including private waste disposal)	70 - 74, 90
41	Public administration and defence, sewage and public waste disposal	75, 90
42	Education	80
43	Health and social work activities	85
44	Membership organisation activities n.e.c	91
45	Recreational, cultural and sporting services	92
46	Other services	93
47	Private households with employed persons	95
48	Extra-territorial services	99

Note: Private waste disposal is included in Code 40 and public sewage and refuse disposal is included with Local Authority in Code 41.