

Stages of integration of Supply and Use tables in National Accounts in Germany

Peter Bleses

Federal Statistical Office of Germany

1. Supply and Use tables as part of National Accounts in international concepts

The System of National Accounts clearly points at the relevance of supply and use tables “for ensuring the numerical consistency of data drawn from different sources” for National Accounts (SNA 1993 of the United Nations, Chapter XV. ‘Supply and Use Tables and Input-Output’, paragraph 15.3). In addition, the same paragraph of the SNA stresses the meaning of supply and use tables as “a framework for checking the consistency of statistics on flows of goods and services obtained from quite different kinds of statistical sources”.

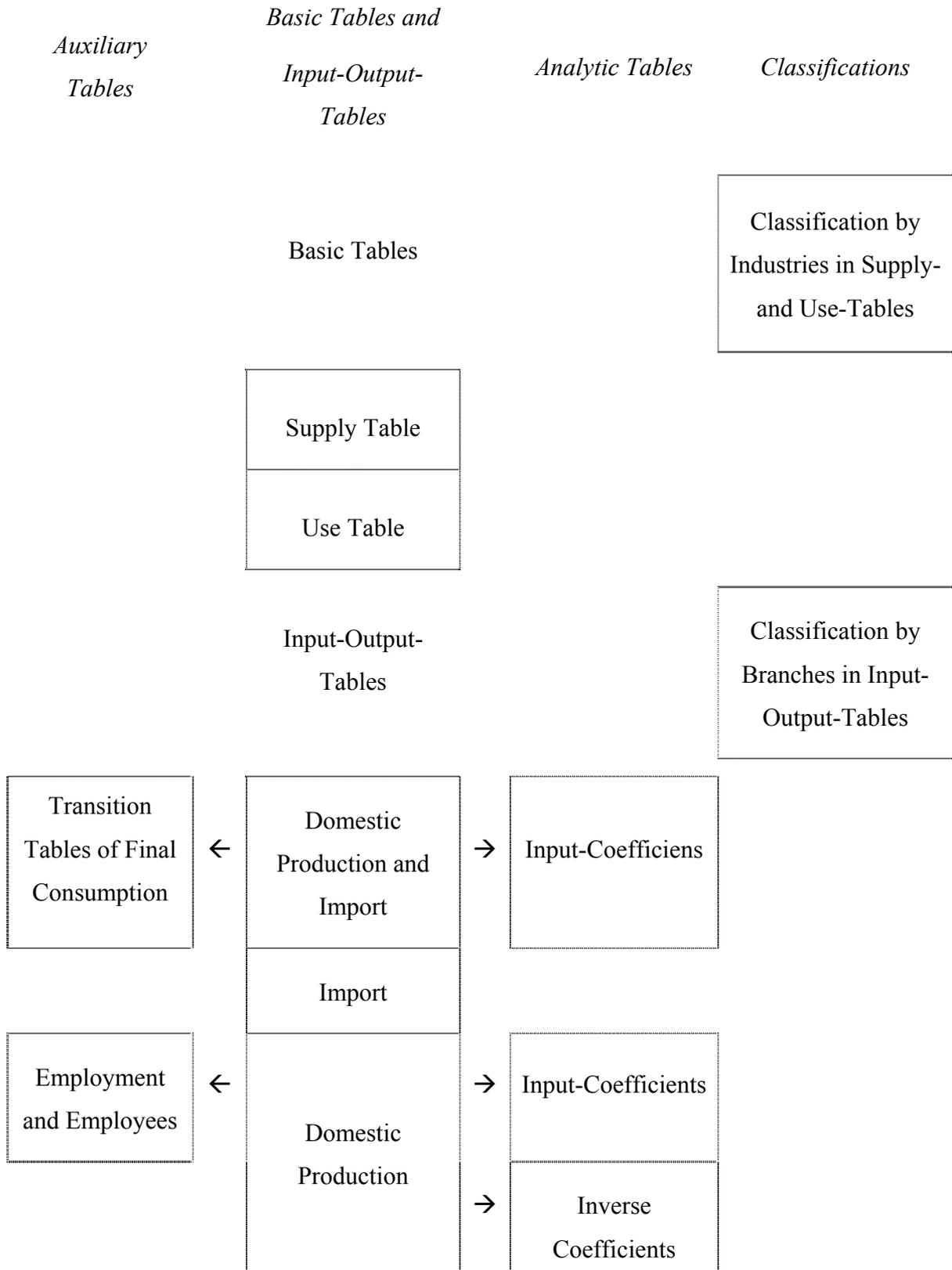
Derived from the SNA 1993, the European System of Accounts (ESA 1995) is an obligatory framework for National Accounting of member states of the European Union. As “important statistical purposes”, paragraph 9.11 of the ESA states “identifying gaps and inconsistencies in basic data sources” and “checking and improving the consistency, plausibility and completeness of figures in the Supply and Use tables and the derived figures (such as those in the production accounts)”. Thus, Supply and Use tables calculated within the framework of Input-Output are playing an important and active part in international concepts of National Accounts with special relevance for the production approach and the expenditure approach. Supply and Use tables were already outlined in the SNA 1968 of the United Nations. But they were not addressed in the first European System of Account (i.e. ESA 1970 and 1979 2. ed.). Meanwhile, they are treated extensively both in the SNA 1993 and the ESA 1995.

2. Supply and Use Tables in National Accounts of Germany

In the Federal Statistical Office of Germany, Gross Domestic Product and Input-Output tables are both estimated or calculated within the same framework of concepts, definitions and classifications, according to the ESA 1995. So, Supply and Use tables of the reporting year 1995 were calculated based on the concepts of ESA 1995 and within the Input-Output framework of the Federal Statistical Office. Since 1997, those calculations are taking place annually. As the results are compatible with Gross Domestic Product estimates, they are effectively broadening the data supply of National Accounts, especially for analyses of production and final uses in Germany.

Within the national system of Input-Output, symmetric tables as well as Supply and Use tables are provided since the report for 1978. In this respect, the Federal Statistical Office has accommodated early to the international development in the domain of Input-Output. Today, Supply and Use tables are inherent parts of the national statistical publication programme.

Overview 1



The present publication programme of Input-Output in Germany is shown in overview 1.

The compilation and publication of Supply and Use tables as well as of Input-Output tables of the Federal Statistical Office is directly referring to the respective EU-legislation. As already mentioned, Supply and Use tables are part of the ESA programme only since the reporting year of 1995, but they have been part of the publication programme of the Federal Statistical Office since 1978. Deviating from the transmission programme of Eurostat, in national publications the economic transactions of supply and use are presented by 71 product groups (branches) and 59 industries. The input-output tables are presented by 71 branches and by 71 groups of homogeneous production. In the annex of this paper there can be found the latest Supply- and Use tables for Germany of the reporting year 2003. Besides the Supply table, the Use table and the Input-Output tables, the Federal Statistical Office offers additional data for the tables by 71 branches including data of employment and employees. Further, there is a transition table (cross table) for final consumption of private households by 71 product groups and by 41 purposes. The Input-Output data are completed by analytic tables. As supplement for Input-Output tables of domestic production there are tables of input coefficients and inverse Leontief coefficients. Finally, overviews of the classifications for industries and for products used throughout the tables have been prepared. The results of all Input-Output calculations are published in “Series 18, National Accounts, Special Series 2, Input-Output”. The publications are also available in the “Statistik-Shop” of the Federal Statistical Office and can be downloaded free from the internet at <http://www.destatis.de/shop>. The issues of the series published recently are comprising detailed results for the reporting years 2000 to 2003. The figures are corresponding to the annual results of National Accounts (Series 18, 1.4), the revision of 2005 taken into account. The data of Input-Output will regularly be adjusted to the latest available data of GDP of a certain reference year. Further information and advice is provided by the team of Input-Output at input-output@destatis.de.

3. State of integration at the National Accounts revision of 2005

Estimation of Gross Domestic Product and calculations for Supply and Use tables were made independent from each other to a large extent until the revision of 2005. Consistency of the figures has been achieved ex post by adjusting the results of the Input-Output calculation to the estimates of the production approach and the expenditure approach, taking them as benchmark data. As the Supply and Use tables were not available in time for reconciling procedures concerning Gross Domestic Product estimation, reconciliation of the different approaches for Gross Domestic Product focused on the aggregates only. During the activities for the revision of 2005, for the first time consistency could be achieved between results of the production approach broken down by 59 industry groups on the one hand and the expenditure approach broken down by 59 product groups on the other hand.

In Germany, revisions of National Accounts are due every 5 to 10 years. The essential improvements introduced by the revision of 2005 were: previous year prices and chain linking, use of new deflation methods (hedonics, among others), new arrangements for calculating and distributing financial services (so called FISIM) and integration of new data sources, e.g. the Structural Business Survey for the services industries.

Furthermore, Input-Output **partially** supports the elaboration of Gross Domestic Products estimates in many ways: Input-Output regularly provides weighting schemes and price indices for the deflation especially of output, intermediate consumption, inventories, imports and exports. A transition table for the final consumption of private households is calculated too. This table combines annual consumption of private households by purposes as it is presented in tables related to Gross Domestic Product with groups of products as they are used in Input-Output. So, the aggregate of final consumption is completely

balanced between GDP and Input-Output. Additionally, one kind of relation between both is visible. However, if inconsistencies should occur during commodity flow checks of Input-Output calculation that would also affect the aggregate level of, say final consumption of households, it is often too late for changes, with respect to deadlines for publication. As a consequence, Input-Output figures have to be adjusted to the aggregate figures to preserve compatibility. In the past, only revisions offered the opportunity to integrate information into the workflow of Gross Domestic Product estimation, which reflected the detailed view of Input-Output tables on complete, consistent and plausible figures of aggregates.

4. The ESA transmission programme supports the process of integration

The Council of the European Union has enacted the ESA regulation, which besides the ESA 1995 concepts and methods is also dealing with a transmission programme for accounts and tables to the Statistical Office of the European Union, Eurostat. The accounts and tables have to be compiled according to the concepts and methods of the ESA 1995 and they are obligatory for all member states of the European Union. By this legal binding, the ESA 1995 is different from its predecessors, which expressed recommendations only. At present, a revised form of the transmission programme is discussed. The present state of the transmission programme is shown in overview 2.

Overview 2: Transmission of Input-Output-Tables to Eurostat
according to ESA 1995 and the revised transmission programme

June 2006

Year of transmission	Reporting years	Type of table
2007	2000 to 2004, annual (time lag $t + 36$)	Supply table at basic prices, transformation to purchasers' prices; at current prices and previous year prices; by 60 product groups x 60 industries
2007	2000 to 2004, annual (time lag $t + 36$)	Use table at purchasers' prices; at current prices and previous year prices; by 60 product groups x 60 industries
2008	2000, 2005, quinquennial (time lag $t + 36$)	Symmetric Input-Output-tables at basic prices; for total supply, for domestic production only, for imports only; at current prices; by 60 product groups x 60 groups of homogeneous production

The transmission programme obligates member states to deliver Supply and Use tables at current prices and at previous year prices 36 months after the end of the reporting year to the Statistical Office of the European Community, Eurostat. These tables facilitate the integration of Gross Domestic Product estimation and calculation of input-output for the preparation of final results. To improve timeliness while integrating both systems of calculation, an earlier calculation of preliminary Supply and Use tables and an additional extrapolation of the tables for the reporting year following is envisaged in Germany. But detailed **original calculations** are only possible when the respective detailed statistical sources are largely available. This is normally the case about 18 months after the end of the reporting year. Then, the detailed structure of production by industries and the structure of imports by product groups are calculated from scratch for the supply table. The commodity flow method is providing the methodical background for a first, raw version of an input-output table, which is not yet adjusted to any benchmark figures except the totals of production and imports. The supply of about 3000 product groups, distributed to 71 groups of homogeneous branches (and different categories of final use) is the starting point. Further on, the table is transformed to a use table, which presents industries instead of

branches. The **extrapolation** of the Supply and Use Tables utilizes the tables of the previous year, and indicators from statistical sources as much as are available at that time. To the extent that no indicators are available, structures of the previous year are used.

5. From partial to complete integration

As already mentioned, ex ante consistency of detailed results of the production approach by 59 industries and the expenditure approach by 59 product groups could be achieved by means of Supply and Use tables for the first time during the revision procedures of 2005. With the Supply and Use tables available for the reporting year 2000, Input-Output had reached a timeliness which allowed a **complete integration** of Gross Domestic Product estimation and Input-Output calculation for the first time. It is envisaged to further intensify the exchange of information during the Gross Domestic Product estimation procedures and the calculation of Input-Output. That is to utilize Supply and Use tables at current prices and at previous year prices for **reconciling production and expenditure annually**.

Thus, quantitative significant discrepancies between the production approach and the expenditure approach can be recognized early and consequently eliminated on a detailed level of products. So, for the deadline of annual Gross Domestic Product estimates in summer 2006, useful findings from Input-Output calculation at current prices for the reporting year 2002 could be integrated into the estimation procedure.

The integration of Gross Domestic Product estimation and the calculation of Input-Output are intended to take place from now on for the annual GDP estimates in summer. As a rule, the results of **four reporting years back** should be worked over then. Especially in the face of the strict quality standards set by the European institutions for estimating Gross

Domestic Product, reconciling the estimates with input-output data seems to be favourable.

As an example, this also holds for the standards set for GNI as reference for the contribution to the EU own resources. Until the end of 2007, supply and use tables for the years 2001 to 2004 at previous year prices will be available.

These tables are providing comprehensive and detailed information for analysing the development of economic relations in Germany at real terms. Moreover, from summer 2008 on, Supply and Use tables at previous year prices can be utilized for a final estimation of the annual figures of Gross Domestic Product.

Together with supply and use tables at current prices, the tables at previous year prices and the implicit prices indices, which are derived from both kinds of tables, are forming an advanced instrument for plausibility checks of the real and the nominal Gross Domestic Product.

To reconcile production and expenditure flows during the estimation procedure of Gross Domestic Product, Supply and Use tables of maximum three consecutive reporting years will be regularly available:

For a period of one and a half year back from the present year ($t+18$ months; at present, this means for reference year 2005), there are no data sources which could help to calculate Supply and Use tables from scratch.

Therefore it is intended to generate preliminary Supply and Use tables by means of extrapolation techniques to utilize the results for reconciling procedures. During the period of t to $t+18$, some detailed extrapolations can be performed, which for instance refer to commodity flow and to data of production and intermediate consumption by industries. They also refer to data of Structural Business Statistics for manufacturing industries and to VAT statistics.

For a period of two and a half year back from the present year (t+30 months; at present, this means for reference year 2004), Supply and Use tables calculated from scratch and in detail will be part of the reconciling procedure for the first time. Therefore, the annual calculations with a time lag of 30 months will be at the centre of co-operation of Gross Domestic Product estimation and input-output calculation. As one result of the reconciliation process, the Supply and Use tables will be transmitted to Eurostat by the end of the year (t+36), according to the transmission programme of ESA.

About three and a half year from the reporting year (t+42 months; affecting reference year 2003 at present) final results may be recalculated. As a rule, only minor changes will occur as consequence of these calculations, as most of the data sources and the originally calculated Supply and Use tables were already taken into account.

The **process** of intensifying the integration of Gross Domestic Product estimation and Input-Output calculation is based on three steps of the calculation procedures. For a start, numerous partial reconciling measures take place at a detailed level of working versions of the tables.

The more the first step is a success in revealing inconsistencies, the easier a second step will be, which is to reconcile Supply and Use tables on the basis of estimations of Gross Domestic Product and Input-Output calculation. The upshot is a preliminary Gross Domestic Product, which is exactly the same when calculated by the production approach and by the expenditure approach.

In a third step, the results of the Input-Output calculation of the first two steps are put forth to a process of total reconciliation, which comprises other parts of the system of National Accounts as the Quarterly Accounts, the Distribution Accounts, the Employment Account, the Fixed Capital Account and the Sector Accounts. The results of those reconciling procedures will possibly affect the Supply and Use tables too.

Summary

Over the years, an ever growing co-operation in estimating Gross Domestic Product and in calculating Input-Output has evolved. Though the results of estimating Gross Domestic Product are still providing benchmark figures for the Input-Output tables, the data from Input-Output calculation inversely are of major significance to the production approach and the expenditure approach for estimating the Gross Domestic Product. So, the detailed data of Supply and Use tables broken down by product groups and industry groups is applied for checks of consistency of the production side and the expenditure side of the economy. While formerly the results of estimating Gross Domestic Product of both the production approach and the expenditure approach were reconciled at an aggregate level, Input-Output data are offering a way for checks of consistency on a more detailed level of product groups and industry groups. In the past, these detailed checks were only possible ex post during greater revisions and during final estimations of Gross Domestic Product respectively, because current Supply and Use tables were not yet available.

In the course of the revision of 2005 and by means of Supply and Use tables, for the first time ex ante consistency could be achieved by detailed results of the production approach broken down to 59 industry divisions on one hand and by the results of the expenditure approach broken down to 59 product groups on the other hand. Beyond that and on the occasion of the summer deadline of 2006, useful findings from the Input-Output calculation of the reporting year 2002 could be utilized for the reconciliation procedures of the estimation of Gross Domestic Product. The integration of Gross Domestic Product estimation and the Input-Output calculation is now intended to be currently effected during the annual estimations of Gross Domestic Product for the summer deadline, when four reporting years are to be worked over regularly. Especially in the face of strict standards set by European institutions for the quality of Gross Domestic Product estimation, reconciling by means of Input-Output data is advantageous.

Questionnaire "ESA 95"

Table 15: Supply table at basic prices, including a transformation into purchasers' prices

country:

Year

unit:

2003

prices:

		INDUSTRIES (NACE)	OUTPUT OF INDUSTRIES (NACE)									
			Agriculture, hunting and related service activities	Forestry, logging and related service activities	Fishing, operating of fish hatcheries and fish farms; service activities incidental to fishing	Mining of coal and lignite; extraction of peat	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction excluding surveying	Mining of uranium and thorium ores	Mining of metal ores	Other mining and quarrying	Manufacture of food products and beverages	Manufacture of tobacco products
Code		PRODUCTS (CPA)	01	02	05	10	11	12	13	14	15	16
No			1	2	3	4	5	6	7	8	9	10
1	01	Products of agriculture, hunting	41 886									
2	02	Products of forestry, logging and		3 070								
3	05	Fish and other fishing products;			420							
4	10	Coal and lignite; peat				2 650				1		
5	11	Crude petroleum and natural gas					4 028					
6	12	Uranium and thorium ores										
7	13	Metal ores										
8	14	Other mining and quarrying prod								4 339	2	
9	15	Food products and beverages	26								127 450	
10	16	Tobacco products										4 071
11	17	Textiles										1
12	18	Wearing apparel; furs										
13	19	Leather and leather products										
14	20	Wood and products of wood and				2				2	2	
15	21	Pulp, paper and paper products										4
16	22	Printed matter and recorded me										
17	23	Coke, refined petroleum product					5					
18	24	Chemicals, chemical products a				11	4			14	437	20
19	25	Rubber and plastic products										2
20	26	Other non-metallic mineral prod								236	6	
21	27	Basic metals									10	
22	28	Fabricated metal products, exce										12
23	29	Machinery and equipment n.e.c.					10			7	8	
24	30	Office machinery and computers										
25	31	Electrical machinery and appara										
26	32	Radio, television and communic										
27	33	Medical, precision and optical in										
28	34	Motor vehicles, trailers and sem	101									
29	35	Other transport equipment										
30	36	Furniture; other manufactured g										
31	37	Secondary raw materials								1		
32	40	Electrical energy, gas, steam an				459	1			1	11	
33	41	Collected and purified water, dis										
34	45	Construction work	404			8	4			3	82	1
35	50	Trade, maintenance and repair s										
36	51	Wholesale trade and commissio				38	23			80	2 688	374
37	52	Retail trade services, except of					1			3	638	
38	55	Hotel and restaurant services	39			13	210				130	6
39	60	Land transport; transport via pip	317			3					190	
40	61	Water transport services										
41	62	Air transport services										
42	63	Supporting and auxiliary transpo										
43	64	Post and telecommunication ser										
44	65	Financial intermediation services										
45	66	Insurance and pension funding s										
46	67	Services auxiliary to financial int				2						
47	70	Real estate services				86	794			194	1 734	20
48	71	Renting services of machinery a	317			28						
49	72	Computer and related services	10								41	
50	73	Research and development serv									83	
51	74	Other business services										
52	75	Public administration and defens								119	6	1
53	80	Education services										
54	85	Health and social work services										
55	90	Sewage and refuse disposal ser										
56	91	Membership organisation servic										
57	92	Recreational, cultural and sporti										
58	93	Other services										
59	95	Private households with employ										
60		Total	43 100	3 070	420	3 300	5 080			5 000	133 530	4 500
61		Cif/ fob adjustments on imports										
62		Direct purchases abroad by resi										
63		Total	43 100	3 070	420	3 300	5 080			5 000	133 530	4 500
64		Total of which:										
64		- Market output	41 110	3 070	410	3 290	5 070			4 990	133 100	4 500
65		- Output for own final use	1 990		10	10	10			10	430	
66		- Other non-market output										

Questionnaire "ESA 95"

Year
2003

Germany

Mio. Euro
CUP

INDUSTRIES (NACE)			OUTPUT OF INDUSTRIES (NACE)									
			Manufacture of textiles	Manufacture of wearing apparel; dressing and dyeing of fur	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	Manufacture of pulp, paper and paper products	Publishing, printing and reproduction of recorded media	Manufacture of coke, refined petroleum products and nuclear fuels	Manufacture of chemicals and chemical products	Manufacture of rubber and plastic products	Manufacture of other non-metallic mineral products
PRODUCTS (CPA)			17	18	19	20	21	22	23	24	25	26
No	Code		11	12	13	14	15	16	17	18	19	20
1	01	Products of agriculture, hunting										
2	02	Products of forestry, logging and										
3	05	Fish and other fishing products;										
4	10	Coal and lignite; peat				2						
5	11	Crude petroleum and natural gas										
6	12	Uranium and thorium ores										
7	13	Metal ores										
8	14	Other mining and quarrying prod				1				186		352
9	15	Food products and beverages	1				28			448	1	1
10	16	Tobacco products										
11	17	Textiles	12 923	45	12	17	61			123	289	19
12	18	Wearing apparel; furs	24	8 378	5						7	
13	19	Leather and leather products	3		2 972		2	4			38	
14	20	Wood and products of wood and			6	18 658	40			4	240	10
15	21	Pulp, paper and paper products	5			102	27 433	159		32	306	
16	22	Printed matter and recorded me	5			1	744	46 036		1	26	2
17	23	Coke, refined petroleum product							36 135	639		7
18	24	Chemicals, chemical products a	91			29	114	1	1 980	109 579	208	155
19	25	Rubber and plastic products	110	6	22	285	153	37		640	46 167	154
20	26	Other non-metallic mineral prod	1			22	13			279	134	31 178
21	27	Basic metals					18			310	64	26
22	28	Fabricated metal products, exce	37	1	7	98	5	1	3	38	765	160
23	29	Machinery and equipment n.e.c.	5		4	3	73	14		11	815	211
24	30	Office machinery and computers					36				6	
25	31	Electrical machinery and appara	41	1						60	164	211
26	32	Radio, television and communic	3					21			37	50
27	33	Medical, precision and optical in	8		1	6	3			600	58	81
28	34	Motor vehicles, trailers and sem	19			40	2			3	770	82
29	35	Other transport equipment	2			10					36	
30	36	Furniture; other manufactured g	81			107	12	4		41	205	21
31	37	Secondary raw materials				3		3		4	6	3
32	40	Electrical energy, gas, steam an	2			17	15	3	45	145	2	3
33	41	Collected and purified water, dis										
34	45	Construction work	10	1		29	23	1	11	392	125	53
35	50	Trade, maintenance and repair s								214		
36	51	Wholesale trade and commissio	202	118	39	404	598	151	2 222	2 946	1 433	783
37	52	Retail trade services, except of	134	499	67	12	137	96		2 358	71	35
38	55	Hotel and restaurant services	18	19	1	5	43	20	16	255	60	36
39	60	Land transport; transport via pip				12	33	232	440			
40	61	Water transport services										
41	62	Air transport services										
42	63	Supporting and auxiliary transpo										
43	64	Post and telecommunication ser										
44	65	Financial intermediation servic										
45	66	Insurance and pension funding s										
46	67	Services auxiliary to financial int										
47	70	Real estate services	142	135	53	134	170	875	342	2 503	506	448
48	71	Renting services of machinery a	25	34				33			138	33
49	72	Computer and related services	20	10	10	10	30	112	10	179	60	28
50	73	Research and development serv	3						55	324		
51	74	Other business services	5	3	1	18	54	14	564	1 259	18	338
52	75	Public administration and defens										
53	80	Education services										
54	85	Health and social work services										
55	90	Sewage and refuse disposal ser										
56	91	Membership organisation servic										
57	92	Recreational, cultural and sporti				15	40	173				
58	93	Other services							327	1 697	105	
59	95	Private households with employ										
60		Total	13 920	9 250	3 200	20 040	29 880	47 990	42 150	125 270	52 860	34 480
61		Cif/ fob adjustments on imports										
62		Direct purchases abroad by resi										
63		Total	13 920	9 250	3 200	20 040	29 880	47 990	42 150	125 270	52 860	34 480
		Total of which:										
64		- Market output	13 890	9 240	3 190	19 990	29 820	46 720	42 130	124 450	52 620	34 390
65		- Output for own final use	30	10	10	50	60	1 270	20	820	240	90
66		- Other non-market output										

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Year
2003

INDUSTRIES (NACE)			OUTPUT OF INDUSTRIES (NACE)									
			Manufacture of basic metals	Manufacture of fabricated metal products, except machinery and equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of office machinery and computers	Manufacture of electrical machinery and apparatus n.e.c.	Manufacture of radio, television and communication equipment and apparatus	Manufacture of medical, precision and optical instruments, watches and clocks	Manufacture of motor vehicles, trailers and semi-trailers	Manufacture of other transport equipment	Manufacture of furniture; manufacturing n.e.c.
PRODUCTS (CPA)			27	28	29	30	31	32	33	34	35	36
No	Code		21	22	23	24	25	26	27	28	29	30
1	01	Products of agriculture, hunting										
2	02	Products of forestry, logging and										
3	05	Fish and other fishing products;										
4	10	Coal and lignite; peat										
5	11	Crude petroleum and natural gas		2								
6	12	Uranium and thorium ores										
7	13	Metal ores										
8	14	Other mining and quarrying products	26									
9	15	Food products and beverages										
10	16	Tobacco products										
11	17	Textiles		50	31				13	72		41
12	18	Wearing apparel; furs										1
13	19	Leather and leather products			3				3		1	
14	20	Wood and products of wood and		222	11		2		1			46
15	21	Pulp, paper and paper products	39	27	33	11			1			
16	22	Printed matter and recorded media		3	3	3		223				
17	23	Coke, refined petroleum products										
18	24	Chemicals, chemical products and	615	32	203	28	18	2	553		1	36
19	25	Rubber and plastic products	46	769	661	6	311	17	24	701	3	192
20	26	Other non-metallic mineral products	14	49	40		59	3	59	20		3
21	27	Basic metals	54 337	768	364	1	170	23		67	47	
22	28	Fabricated metal products, except	1 213	80 587	1 596	20	330	54	48	847	158	261
23	29	Machinery and equipment n.e.c.	427	1 307	148 784	53	1 710	43	421	2 900	214	94
24	30	Office machinery and computers		37	106	11 175	109	20	41	13		74
25	31	Electrical machinery and apparatus	66	158	821	61	62 721	700	500	1 816	289	10
26	32	Radio, television and communication	35	4	8	17	5 890	27 060	302	72	10	22
27	33	Medical, precision and optical instruments,	43	199	787	24	3 965	252	32 855	265	528	75
28	34	Motor vehicles, trailers and semi-trailers	78	789	2 689	2	206	34	10	221 415	35	114
29	35	Other transport equipment	18	92	100		525		2	876	26 174	58
30	36	Furniture; other manufactured goods	4	1 001	303	9	29		59	98	50	25 474
31	37	Secondary raw materials	59					1		2		
32	40	Electrical energy, gas, steam and	705	1	4	1	2	1		5		
33	41	Collected and purified water, district										
34	45	Construction work	63	193	206	2	203	136	66	323	101	113
35	50	Trade, maintenance and repair services								4 039	79	
36	51	Wholesale trade and commission	285	715	2 726	1 850	2 057	2 693	560	23	170	419
37	52	Retail trade services, except of	46	940	672		14	16	765		7	217
38	55	Hotel and restaurant services	41	131	310	3	200	166	9	1 046	127	20
39	60	Land transport; transport via pipeline										40
40	61	Water transport services										
41	62	Air transport services										
42	63	Supporting and auxiliary transport										
43	64	Post and telecommunication services										
44	65	Financial intermediation services										
45	66	Insurance and pension funding services										
46	67	Services auxiliary to financial institutions										
47	70	Real estate services	522	431	466	33	207	275	24	1 162	416	146
48	71	Renting services of machinery and		48			3		6		9	39
49	72	Computer and related services	29	123	598	134	320	326	65	90	122	28
50	73	Research and development services			62	32	247	82	56	2 112	217	
51	74	Other business services	359	462	883	55	482	223	557	906	303	27
52	75	Public administration and defence										
53	80	Education services										
54	85	Health and social work services										
55	90	Sewage and refuse disposal services										
56	91	Membership organisation services										
57	92	Recreational, cultural and sporting										
58	93	Other services									9	
59	95	Private households with employed										
60		Total	59 070	89 140	162 470	13 520	79 780	32 350	37 000	238 870	29 070	27 550
61		Cif/ fob adjustments on imports										
62		Direct purchases abroad by residents										
63		Total	59 070	89 140	162 470	13 520	79 780	32 350	37 000	238 870	29 070	27 550
		Total of which:										
64		- Market output	58 930	88 780	161 720	13 360	79 360	32 040	36 850	238 030	28 760	27 410
65		- Output for own final use	140	360	750	160	420	310	150	840	310	140
66		- Other non-market output										

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INDUSTRIES (NACE)			OUTPUT OF INDUSTRIES (NACE)									
			Recycling	Electricity, gas, steam and hot water supply	Collection, purification and distribution of water	Construction	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale services of automotive fuel	Wholesale trade and commission trade, except of motor vehicles and motorcycles	Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods	Hotels and restaurants	Land transport; transport via pipelines	Water transport
PRODUCTS (CPA)			37	40	41	45	50	51	52	55	60	61
No	Code		31	32	33	34	35	36	37	38	39	40
1	01	Products of agriculture, hunting										
2	02	Products of forestry, logging and										
3	05	Fish and other fishing products;										
4	10	Coal and lignite; peat										
5	11	Crude petroleum and natural gas										
6	12	Uranium and thorium ores										
7	13	Metal ores										
8	14	Other mining and quarrying products	1			204	1	22			84	
9	15	Food products and beverages						1 688	139	591		
10	16	Tobacco products										
11	17	Textiles	1					12	12			
12	18	Wearing apparel; furs						9				
13	19	Leather and leather products						16				
14	20	Wood and products of wood and				212		36	1			
15	21	Pulp, paper and paper products	1	5				105				
16	22	Printed matter and recorded media						81	16			
17	23	Coke, refined petroleum products						151				109
18	24	Chemicals, chemical products and	21					1 332				
19	25	Rubber and plastic products	2				106	231				
20	26	Other non-metallic mineral products	1	25		520		84	3			
21	27	Basic metals	9				27	290				
22	28	Fabricated metal products, except	3	46	9	1 366		146	73		117	
23	29	Machinery and equipment n.e.c.		181	1 012	707	12	118	2		92	
24	30	Office machinery and computers						1 372	4			
25	31	Electrical machinery and apparatus		649	34	1 727		146	8		10	
26	32	Radio, television and communication				63					10	
27	33	Medical, precision and optical instruments				214		125	196			
28	34	Motor vehicles, trailers and semi-trailers					30	23				
29	35	Other transport equipment				37					7	
30	36	Furniture; other manufactured goods				215		107	62			
31	37	Secondary raw materials	3 041			2	5	92				
32	40	Electrical energy, gas, steam and		59 220	665							
33	41	Collected and purified water, distribution		3 694	5 721							
34	45	Construction work	5	3 416	396	188 314				17	628	24
35	50	Trade, maintenance and repair services					52 028	1 549	369		85	
36	51	Wholesale trade and commission	79	15	2	402	65	126 634	851		386	234
37	52	Retail trade services, except of				257	342	3 866	135 035	598	22	
38	55	Hotel and restaurant services				616			217	59 912		
39	60	Land transport; transport via pipelines		632	100			524	166		54 054	23
40	61	Water transport services									286	11 679
41	62	Air transport services										
42	63	Supporting and auxiliary transport				227		787	172		3 705	222
43	64	Post and telecommunication services										
44	65	Financial intermediation services										
45	66	Insurance and pension funding services										
46	67	Services auxiliary to financial institutions										
47	70	Real estate services	85	628	31	98		445	304	388	531	99
48	71	Renting services of machinery and		314	15		334	189			783	
49	72	Computer and related services		80	10	110	40	260	190	10	40	
50	73	Research and development services										
51	74	Other business services	1	2 198	108	439		1 000		25		
52	75	Public administration and defence										
53	80	Education services										
54	85	Health and social work services										
55	90	Sewage and refuse disposal services										
56	91	Membership organisation services										
57	92	Recreational, cultural and sporting		257	327							
58	93	Other services								149		
59	95	Private households with employed										
60		Total	3 250	71 360	8 430	195 730	52 990	141 440	137 820	61 690	60 840	12 390
61		Cif/ fob adjustments on imports										
62		Direct purchases abroad by residents										
63		Total	3 250	71 360	8 430	195 730	52 990	141 440	137 820	61 690	60 840	12 390
64		Total of which:										
64		- Market output	3 240	70 660	8 240	175 710	52 750	141 070	137 590	60 260	59 940	12 370
65		- Output for own final use	10	700	190	20 020	240	370	230	1 430	900	20
66		- Other non-market output										

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INDUSTRIES (NACE)			OUTPUT OF INDUSTRIES (NACE)									
			Air transport	Supporting and auxiliary transport activities; activities of travel agencies	Post and telecommunications	Financial intermediation, except insurance and pension funding	Insurance and pension funding, except compulsory social security	Activities auxiliary to financial intermediation	Real estate activities	Renting of machinery and equipment without operator and of personal and household goods	Computer and related activities	Research and development
PRODUCTS (CPA)			62	63	64	65	66	67	70	71	72	73
No	Code		41	42	43	44	45	46	47	48	49	50
1	01	Products of agriculture, hunting										
2	02	Products of forestry, logging and										
3	05	Fish and other fishing products;										
4	10	Coal and lignite; peat										
5	11	Crude petroleum and natural gas										
6	12	Uranium and thorium ores										
7	13	Metal ores										
8	14	Other mining and quarrying products										
9	15	Food products and beverages										
10	16	Tobacco products										
11	17	Textiles										
12	18	Wearing apparel; furs										
13	19	Leather and leather products										
14	20	Wood and products of wood and cork										
15	21	Pulp, paper and paper products										
16	22	Printed matter and recorded media										73
17	23	Coke, refined petroleum products										
18	24	Chemicals, chemical products and mineral products										
19	25	Rubber and plastic products										
20	26	Other non-metallic mineral products										
21	27	Basic metals										
22	28	Fabricated metal products, except machinery and equipment		281								
23	29	Machinery and equipment n.e.c.		33	70							
24	30	Office machinery and computers									440	
25	31	Electrical machinery and apparatus			175							
26	32	Radio, television and communication equipment			105							
27	33	Medical, precision and optical instruments										
28	34	Motor vehicles, trailers and semi-trailers										
29	35	Other transport equipment	29	16								
30	36	Furniture; other manufactured goods										
31	37	Secondary raw materials										
32	40	Electrical energy, gas, steam and hot water										
33	41	Collected and purified water, district heating										
34	45	Construction work		510	1 444							57
35	50	Trade, maintenance and repair services		48								
36	51	Wholesale trade and commission agents	31	27		160						
37	52	Retail trade services, except of motor vehicles	111	3								
38	55	Hotel and restaurant services	27									
39	60	Land transport; transport via pipelines		4 418								
40	61	Water transport services		332								
41	62	Air transport services	19 145									
42	63	Supporting and auxiliary transport services	130	68 538								
43	64	Post and telecommunication services			80 800							
44	65	Financial intermediation services, except insurance				115 660						
45	66	Insurance and pension funding services, except compulsory social security					67 333					
46	67	Services auxiliary to financial intermediation		148				24 510				
47	70	Real estate services	67	761		1 820	1 757		299 550			
48	71	Renting services of machinery and equipment		356	1 056					44 320		
49	72	Computer and related services	275	89	270	330	230	70	20	10	42 830	100
50	73	Research and development services										16 770
51	74	Other business services	35									
52	75	Public administration and defence										
53	80	Education services										
54	85	Health and social work services										
55	90	Sewage and refuse disposal services										
56	91	Membership organisation services										
57	92	Recreational, cultural and sporting activities										
58	93	Other services										
59	95	Private households with employed persons										
60		Total	19 850	75 560	83 920	117 970	69 320	24 580	299 570	44 330	43 270	17 000
61		Cif/ fob adjustments on imports										
62		Direct purchases abroad by residents										
63		Total	19 850	75 560	83 920	117 970	69 320	24 580	299 570	44 330	43 270	17 000
		Total of which:										
64		- Market output	19 820	71 660	81 870	117 640	69 090	24 510	182 510	44 320	41 720	6 820
65		- Output for own final use	30	950	2 050	330	230	70	117 060	10	1 550	170
66		- Other non-market output		2 950								10 010

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	OUTPUT OF INDUSTRIES (NACE)									
			Other business activities	Public administration and defence; compulsory social security	Education	Health and social work	Sewage and refuse disposal, sanitation and similar activities	Activities of membership organisation n.e.c.	Recreational, cultural and sporting activities	Other service activities	Private households with employed persons	Total
			74	75	80	85	90	91	92	93	95	
			51	52	53	54	55	56	57	58	59	60
1	01	Products of agriculture, hunting										41 886
2	02	Products of forestry, logging and										3 070
3	05	Fish and other fishing products;										420
4	10	Coal and lignite; peat										2 653
5	11	Crude petroleum and natural gas										4 030
6	12	Uranium and thorium ores										
7	13	Metal ores										
8	14	Other mining and quarrying products										5 218
9	15	Food products and beverages	33									130 406
10	16	Tobacco products										4 071
11	17	Textiles										13 722
12	18	Wearing apparel; furs										8 424
13	19	Leather and leather products										3 042
14	20	Wood and products of wood and										19 495
15	21	Pulp, paper and paper products										28 263
16	22	Printed matter and recorded media			8							47 225
17	23	Coke, refined petroleum products										37 046
18	24	Chemicals, chemical products and										115 484
19	25	Rubber and plastic products										50 645
20	26	Other non-metallic mineral products	3									32 752
21	27	Basic metals	149									56 680
22	28	Fabricated metal products, except	34									88 316
23	29	Machinery and equipment n.e.c.	7									159 348
24	30	Office machinery and computers										13 433
25	31	Electrical machinery and apparatus										70 368
26	32	Radio, television and communication										33 709
27	33	Medical, precision and optical instruments				75						40 360
28	34	Motor vehicles, trailers and semi-trailers										226 442
29	35	Other transport equipment										27 982
30	36	Furniture; other manufactured goods	178									28 060
31	37	Secondary raw materials										3 222
32	40	Electrical energy, gas, steam and										61 308
33	41	Collected and purified water, disposal										9 415
34	45	Construction work	173	239	1			144	519			198 440
35	50	Trade, maintenance and repair services							8			58 419
36	51	Wholesale trade and commission	52									152 535
37	52	Retail trade services, except of	85						601	96		147 744
38	55	Hotel and restaurant services				31						63 727
39	60	Land transport; transport via pipeline										61 184
40	61	Water transport services										12 297
41	62	Air transport services										19 145
42	63	Supporting and auxiliary transport										73 781
43	64	Post and telecommunication services										80 800
44	65	Financial intermediation services										115 660
45	66	Insurance and pension funding services										67 333
46	67	Services auxiliary to financial institutions										24 660
47	70	Real estate services										318 382
48	71	Renting services of machinery and										48 080
49	72	Computer and related services	490	300	180	110		50	80	150		48 679
50	73	Research and development services										20 043
51	74	Other business services	258 006			25						268 750
52	75	Public administration and defence		174 391					256			174 391
53	80	Education services			111 801							111 801
54	85	Health and social work services				200 429						200 429
55	90	Sewage and refuse disposal services					27 710					27 710
56	91	Membership organisation services						23 536				23 536
57	92	Recreational, cultural and sporting							62 456			63 268
58	93	Other services								35 474		37 761
59	95	Private households with employed									6 440	6 440
60		Total	259 210	174 930	111 990	200 670	27 710	23 730	63 920	35 720	6 440	3 791 490
61		Cif/ fob adjustments on imports										
62		Direct purchases abroad by residents										
63		Total	259 210	174 930	111 990	200 670	27 710	23 730	63 920	35 720	6 440	3 791 490
		Total of which:										
64		- Market output	258 720		19 070	168 710	27 710	7 220	42 440	35 570	0	3 278 450
65		- Output for own final use	490	540	350	130		150	3 480	150	6 440	166 930
66		- Other non-market output		174 390	92 570	31 830		16 360	18 000			346 110

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	IMPORTS			Total supply at basic prices	VALUATION		Total supply at purchasers' prices
			Intra EU ¹⁾ imports cif	Extra EU ¹⁾ imports cif	Imports cif		Trade and transport margins	Taxes less subsidies on products	
			61	62	63	64	65	66	67
1	01	Products of agriculture, hunting	10 194	7 343	17 537	59 423	12 114	- 475	71 062
2	02	Products of forestry, logging and	185	254	439	3 509	346	47	3 902
3	05	Fish and other fishing products;	250	173	423	843	187	25	1 055
4	10	Coal and lignite; peat	131	1 038	1 169	3 822	646	62	4 530
5	11	Crude petroleum and natural gas	8 338	25 845	34 183	38 213	9 890	6 477	54 580
6	12	Uranium and thorium ores							
7	13	Metal ores	306	1 814	2 120	2 120	170		2 290
8	14	Other mining and quarrying prod	863	637	1 500	6 718	880	63	7 661
9	15	Food products and beverages	23 392	8 603	31 995	162 401	56 742	16 142	235 285
10	16	Tobacco products	772	88	860	4 931	3 528	17 056	25 515
11	17	Textiles	6 445	7 022	13 467	27 189	11 035	2 771	40 995
12	18	Wearing apparel; furs	3 747	13 220	16 967	25 391	21 135	6 319	52 845
13	19	Leather and leather products	3 061	3 548	6 609	9 651	6 636	1 871	18 158
14	20	Wood and products of wood and	2 146	2 653	4 799	24 294	4 018	556	28 868
15	21	Pulp, paper and paper products	10 834	3 850	14 684	42 947	4 717	898	48 562
16	22	Printed matter and recorded me	3 709	2 152	5 861	53 086	7 142	2 184	62 412
17	23	Coke, refined petroleum product	10 506	5 350	15 856	52 902	10 301	45 863	109 066
18	24	Chemicals, chemical products a	41 757	17 987	59 744	175 228	36 374	8 323	219 925
19	25	Rubber and plastic products	9 952	6 450	16 402	67 047	7 960	1 291	76 298
20	26	Other non-metallic mineral prod	4 273	2 820	7 093	39 845	8 153	883	48 881
21	27	Basic metals	19 916	11 591	31 507	88 187	6 716	73	94 976
22	28	Fabricated metal products, exce	7 858	7 252	15 110	103 426	11 468	2 004	116 898
23	29	Machinery and equipment n.e.c.	19 189	21 057	40 246	199 594	16 908	3 064	219 566
24	30	Office machinery and computers	8 322	20 413	28 735	42 168	9 704	2 085	53 957
25	31	Electrical machinery and appara	8 870	16 011	24 881	95 249	8 015	846	104 110
26	32	Radio, television and communic	10 554	23 892	34 446	68 155	9 876	2 240	80 271
27	33	Medical, precision and optical in	5 198	11 054	16 252	56 612	9 681	3 488	69 781
28	34	Motor vehicles, trailers and sem	39 372	24 442	63 814	290 256	24 298	6 498	321 052
29	35	Other transport equipment	11 417	12 716	24 133	52 115	1 594	1 250	54 959
30	36	Furniture; other manufactured g	4 973	9 662	14 635	42 695	19 328	5 782	67 805
31	37	Secondary raw materials				3 222	1 630	91	4 943
32	40	Electrical energy, gas, steam an	2 215	2 449	4 664	65 972	- 9 398	11 089	67 663
33	41	Collected and purified water, dis				9 415		373	9 788
34	45	Construction work	1 605	1 144	2 749	201 189		19 051	220 240
35	50	Trade, maintenance and repair s				58 419	- 29 645	2 437	31 211
36	51	Wholesale trade and commissio	1 543	1 487	3 030	155 565	- 138 800	- 548	16 217
37	52	Retail trade services, except of	16	58	74	147 818	- 143 349	492	4 961
38	55	Hotel and restaurant services	1 793	3 427	5 220	68 947		5 806	74 753
39	60	Land transport; transport via pip	5 587	3 064	8 651	69 835		- 4 443	65 392
40	61	Water transport services	753	811	1 564	13 861		45	13 906
41	62	Air transport services	3 015	297	3 312	22 457		939	23 396
42	63	Supporting and auxiliary transpo	3 245	3 489	6 734	80 515		919	81 434
43	64	Post and telecommunication ser	3 066	2 210	5 276	86 076		3 927	90 003
44	65	Financial intermediation services	1 660	1 355	3 015	118 675			118 675
45	66	Insurance and pension funding s	1 948	1 319	3 267	70 600		8 950	79 550
46	67	Services auxiliary to financial int	2 559	2 438	4 997	29 657			29 657
47	70	Real estate services	3 222	3 014	6 236	324 618		2 053	326 671
48	71	Renting services of machinery a				48 080		1 365	49 445
49	72	Computer and related services	3 342	3 090	6 432	55 111		1 195	56 306
50	73	Research and development serv	2 233	2 093	4 326	24 369		220	24 589
51	74	Other business services	5 570	6 225	11 795	280 545		15 039	295 584
52	75	Public administration and defens	96	916	1 012	175 403			175 403
53	80	Education services				111 801		583	112 384
54	85	Health and social work services				200 429		687	201 116
55	90	Sewage and refuse disposal ser	124	113	237	27 947		898	28 845
56	91	Membership organisation servic				23 536			23 536
57	92	Recreational, cultural and sporti	1 381	2 436	3 817	67 085		3 740	70 825
58	93	Other services	237	218	455	38 216		1 796	40 012
59	95	Private households with employ				6 440			6 440
60		Total	321 740	310 590	632 330	4 423 820		214 390	4 638 210
61		Cif/ fob adjustments on imports	- 710	- 1 650	- 2 360	- 2 360			- 2 360
62		Direct purchases abroad by resi	33 180	22 070	55 250	55 250			55 250
63		Total	354 210	331 010	685 220	4 476 710		214 390	4 691 100
		Total of which:							
64		- Market output							
65		- Output for own final use							
66		- Other non-market output							

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Table 16: Use table at purchasers' prices

country: Germany

unit: Mio. Euro

prices: CUP

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	INPUT OF INDUSTRIES (NACE)											
			Agriculture, hunting and related service activities	Forestry, logging and related service activities	Fishing, operating of fish hatcheries and fish farms; service activities incidental to fishing	Mining of coal and lignite; extraction of peat	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction excluding surveying	Mining of uranium and thorium ores	Mining of metal ores	Other mining and quarrying	Manufacture of food products and beverages	Manufacture of tobacco products		
			01 1	02 2	05 3	10 4	11 5	12 6	13 7	14 8	15 9	16 10		
1	01	Products of agriculture, hunting	1 428	70		8	4						32 532	442
2	02	Products of forestry, logging and	70	444		4	15					9		
3	05	Fish and other fishing products;			35								276	
4	10	Coal and lignite; peat	77			209						15	45	4
5	11	Crude petroleum and natural ga	103			104	911					47	940	10
6	12	Uranium and thorium ores												
7	13	Metal ores												
8	14	Other mining and quarrying prod	317	3	3	3						645	255	
9	15	Food products and beverages	4 910			4	48						23 402	4
10	16	Tobacco products												286
11	17	Textiles	43	3	64		1						43	1
12	18	Wearing apparel; furs	4	4		3						1	17	
13	19	Leather and leather products	29	1		3	1					6		
14	20	Wood and products of wood and	105	5	1	26	3					13	178	33
15	21	Pulp, paper and paper products	45	2		6	4					91	2 736	294
16	22	Printed matter and recorded me	49	13	1	16	3					19	346	44
17	23	Coke, refined petroleum product	1 873	77	11	66	3					122	1 134	27
18	24	Chemicals, chemical products a	3 653	39	2	67	6					71	1 656	45
19	25	Rubber and plastic products	238	13		98	2					14	2 028	26
20	26	Other non-metallic mineral prod	502	24		60	1					45	772	
21	27	Basic metals	87	5		102	63					23	194	7
22	28	Fabricated metal products, exce	329	31	7	275	82					58	1 331	4
23	29	Machinery and equipment n.e.c.	973	69	2	698	252					102	882	36
24	30	Office machinery and computers	5			3	1					7	88	1
25	31	Electrical machinery and appa	85	7		109	20					15	88	7
26	32	Radio, television and communic												1
27	33	Medical, precision and optical in	3			8	1					9	79	
28	34	Motor vehicles, trailers and sem	310	6		20						19	95	
29	35	Other transport equipment												
30	36	Furniture; other manufactured g	2									1	3	
31	37	Secondary raw materials										1		
32	40	Electrical energy, gas, steam an	630	4	5	396	70					216	1 877	33
33	41	Collected and purified water, dis	341	1	1	19	1					18	381	4
34	45	Construction work	268	28	5	135	53					43	521	9
35	50	Trade, maintenance and repair s	197	11	1	5	1					23	209	4
36	51	Wholesale trade and commissio	1			53	1					21	279	60
37	52	Retail trade services, except of												
38	55	Hotel and restaurant services	10	4	1	12	115					4	98	5
39	60	Land transport; transport via pip	121	20		17	93					205	1 747	54
40	61	Water transport services	19		37	6	3					75	38	2
41	62	Air transport services	20	1		6	69					19	171	32
42	63	Supporting and auxiliary transpo	43	2	3	6	3					24	3 450	42
43	64	Post and telecommunication ser	64	14		27	46					21	467	15
44	65	Financial intermediation services	895	46	1	20	68					60	1 322	49
45	66	Insurance and pension funding s	366	8	1	34	22					26	400	14
46	67	Services auxiliary to financial int				2								
47	70	Real estate services	350	11	1	178	602					92	2 465	89
48	71	Renting services of machinery a	2 266	55		77	56					129	1 314	20
49	72	Computer and related services	9	1		6	11					4	119	12
50	73	Research and development serv										1	33	
51	74	Other business services	2 365	104	3	248	592					389	11 316	876
52	75	Public administration and defens	109	26	1	116	43					42	411	29
53	80	Education services	46	4	1	3	4					6	169	7
54	85	Health and social work services	472										10	
55	90	Sewage and refuse disposal ser	278	8	2	112	5					47	664	5
56	91	Membership organisation servic	74	4	1	30	3					9	238	5
57	92	Recreational, cultural and sporti	1			2	2					3	231	87
58	93	Other services	65	2		18	16					20	169	6
59	95	Private households with employ												
60		Total	24 250	1 170	190	3 420	3 300					2 830	97 220	2 730
61		Cif/ fob adjustments on exports												
62		Direct purchases abroad by resi												
63		Purchases on the domestic terr												
64		Total intermediate consumption	24 250	1 170	190	3 420	3 300					2 830	97 220	2 730
65		Compensation of employees ⁵⁾	7 680	710	50	2 930	460					1 500	23 970	730
66		Other net taxes on production ⁵⁾	- 1 380	- 260	10	- 3 280	110					60	180	50
67		Consumption of fixed capital ⁵⁾	6 960	320	70	750	410					540	6 070	210
68		Operating surplus, net ⁵⁾	5 590	1 130	100	- 520	800					70	6 090	780
69		Operating surplus, gross ⁵⁾	12 550	1 450	170	230	1 210					610	12 160	990
70		Value added at basic prices	18 850	1 900	230	- 120	1 780					2 170	36 310	1 770
71		Output at basic prices	43 100	3 070	420	3 300	5 080					5 000	133 530	4 500

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	INPUT OF INDUSTRIES (NACE)									
			Manufacture of textiles	Manufacture of wearing apparel; dressing and dyeing of fur	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	Manufacture of pulp, paper and paper products	Publishing, printing and reproduction of recorded media	Manufacture of coke, refined petroleum products and nuclear fuels	Manufacture of chemicals and chemical products	Manufacture of rubber and plastic products	Manufacture of other non-metallic mineral products
			17 11	18 12	19 13	20 14	21 15	22 16	23 17	24 18	25 19	26 20
1	01	Products of agriculture, hunting	282	13	1	1	6	3	28	154	251	3
2	02	Products of forestry, logging and				1 473	406			7	19	2
3	05	Fish and other fishing products;								1		
4	10	Coal and lignite; peat	12		2	5	73	1	330	113	4	108
5	11	Crude petroleum and natural gas	126	16	9	80	748	112	22 191	2 678	258	966
6	12	Uranium and thorium ores										
7	13	Metal ores					1		1	30	2	11
8	14	Other mining and quarrying prod	2			3	44		34	286	16	2 316
9	15	Food products and beverages	34	4	89	2	17	5	45	1 525	17	10
10	16	Tobacco products										
11	17	Textiles	2 688	2 794	154	14	41	5	6	238	760	7
12	18	Wearing apparel; furs	5	1 560	1					6	1	
13	19	Leather and leather products	3		1 009	2	1	1	1	4	18	9
14	20	Wood and products of wood and	17	7	10	4 573	258	5	17	266	132	70
15	21	Pulp, paper and paper products	194	110	127	105	7 748	3 809	112	2 272	505	278
16	22	Printed matter and recorded me	85	118	20	73	378	7 652	102	380	159	92
17	23	Coke, refined petroleum product	84	56	22	281	206	351	5 986	4 320	1 087	544
18	24	Chemicals, chemical products a	2 633	157	331	2 219	2 121	863	986	28 074	11 071	1 298
19	25	Rubber and plastic products	128	125	14	110	684	79	107	1 846	4 207	384
20	26	Other non-metallic mineral prod	172	5	7	452	57		24	831	361	4 687
21	27	Basic metals	11	5	1	44	104	15	38	1 093	533	137
22	28	Fabricated metal products, exce	48	90	65	310	93	42	287	1 572	699	239
23	29	Machinery and equipment n.e.c.	236	45	18	87	265	254	155	1 268	1 446	461
24	30	Office machinery and computers	8	7		32	37	40	54	269	95	49
25	31	Electrical machinery and appara	29	13	1	18	50	27	41	325	179	104
26	32	Radio, television and communic	3	1		1	10	43	14	38	40	30
27	33	Medical, precision and optical in	2	7		2	17	1	39	385	53	25
28	34	Motor vehicles, trailers and sem	8			28	14	6	35	151	324	180
29	35	Other transport equipment				2					10	
30	36	Furniture; other manufactured g	9	75		14	4	6	3	16	40	5
31	37	Secondary raw materials	25			8	670	1	4	103	295	231
32	40	Electrical energy, gas, steam an	392	105	37	422	990	472	302	1 933	990	1 019
33	41	Collected and purified water, dis	23	9	4	13	136	31	33	323	63	109
34	45	Construction work	59	39	12	73	101	247	140	638	168	240
35	50	Trade, maintenance and repair s	10	14	2	67	48	80	50	146	42	114
36	51	Wholesale trade and commissio	293	338	51	72	23	7	268	536	260	61
37	52	Retail trade services, except of										
38	55	Hotel and restaurant services	17	11	3	13	22	149	68	197	108	35
39	60	Land transport; transport via pip	51	39	9	267	676	573	1 111	1 667	628	1 432
40	61	Water transport services	5	4	1	3	12		105	285	14	20
41	62	Air transport services	52	19	3	62	102	189	99	488	160	91
42	63	Supporting and auxiliary transpo	65	29	9	141	97	47	1 103	790	474	386
43	64	Post and telecommunication ser	64	52	9	84	158	1 153	281	914	333	189
44	65	Financial intermediation services	110	58	4	217	243	511	490	1 031	473	333
45	66	Insurance and pension funding s	15	13	3	110	120	207	112	602	211	148
46	67	Services auxiliary to financial int							1	63	1	1
47	70	Real estate services	233	141	27	347	477	1 211	776	2 060	800	576
48	71	Renting services of machinery a	39	31	14	383	448	1 126	258	1 272	679	619
49	72	Computer and related services	13	10	4	24	56	599	100	630	120	90
50	73	Research and development serv	2			3	9		24	3 896	289	71
51	74	Other business services	551	306	80	620	1 339	4 698	2 381	12 175	3 141	2 595
52	75	Public administration and defens	26	18	11	67	106	110	91	576	174	181
53	80	Education services	15	10	5	30	23	56	78	258	56	43
54	85	Health and social work services							18	6		
55	90	Sewage and refuse disposal ser	24	15	15	101	544	57	69	1 738	129	111
56	91	Membership organisation servic	29	14	5	15	35	102	86	200	56	59
57	92	Recreational, cultural and sporti	1			4	11	2 446	18	119	2	9
58	93	Other services	7	7	1	83	41	98	76	414	51	52
59	95	Private households with employ										
60		Total	8 940	6 490	2 190	13 160	19 870	27 490	38 760	81 190	32 010	20 830
61		Cif/ fob adjustments on exports										
62		Direct purchases abroad by resi										
63		Purchases on the domestic terr										
64		Total intermediate consumption	8 940	6 490	2 190	13 160	19 870	27 490	38 760	81 190	32 010	20 830
65		Compensation of employees ⁵⁾	3 720	1 860	680	4 530	6 440	11 950	1 700	28 340	14 350	9 740
66		Other net taxes on production ⁵⁾	60	60	20	70	160	260	80	750	250	160
67		Consumption of fixed capital ⁵⁾	1 060	250	160	950	1 970	3 580	1 030	7 580	2 770	2 900
68		Operating surplus, net ⁵⁾	140	590	150	1 330	1 440	4 710	580	7 410	3 480	850
69		Operating surplus, gross ⁵⁾	1 200	840	310	2 280	3 410	8 290	1 610	14 990	6 250	3 750
70		Value added at basic prices	4 980	2 760	1 010	6 880	10 010	20 500	3 390	44 080	20 850	13 650
71		Output at basic prices	13 920	9 250	3 200	20 040	29 880	47 990	42 150	125 270	52 860	34 480

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Table 16: Use table at purchasers' prices

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	INPUT OF INDUSTRIES (NACE)									
			Manufacture of basic metals	Manufacture of fabricated metal products, except machinery and equipment	Manufacture of machinery and equipment n.e.c.	Manufacture of office machinery and computers	Manufacture of electrical machinery and apparatus n.e.c.	Manufacture of radio, television and communication equipment and apparatus	Manufacture of medical, precision and optical instruments, watches and clocks	Manufacture of motor vehicles, trailers and semi-trailers	Manufacture of other transport equipment	Manufacture of furniture; manufacturing n.e.c.
			27 21	28 22	29 23	30 24	31 25	32 26	33 27	34 28	35 29	36 30
1	01	Products of agriculture, hunting	2	4	13		3	3	1	19	2	2
2	02	Products of forestry, logging and		18	1							21
3	05	Fish and other fishing products;							1			5
4	10	Coal and lignite; peat	194	3	3		2		4	4		
5	11	Crude petroleum and natural gas	1 272	459	243	12	135	30	62	388	52	47
6	12	Uranium and thorium ores										
7	13	Metal ores	2 112	30	10		18	1		9	1	
8	14	Other mining and quarrying prod	76	22	23		15	2	13	25	2	30
9	15	Food products and beverages	16	31	74	1	46	38	8	244	30	5
10	16	Tobacco products										
11	17	Textiles	5	93	186	3	79	45	65	860	145	730
12	18	Wearing apparel; furs	12	15	7				1	6	4	11
13	19	Leather and leather products	15	50	36		9		27	87	10	465
14	20	Wood and products of wood and	78	524	498	18	136	71	70	502	466	2 715
15	21	Pulp, paper and paper products	116	434	724	58	488	303	381	443	48	390
16	22	Printed matter and recorded me	199	237	519	83	236	208	192	699	80	245
17	23	Coke, refined petroleum product	1 978	540	587	82	367	132	140	911	136	223
18	24	Chemicals, chemical products a	2 574	1 733	2 145	215	1 189	990	728	4 166	367	779
19	25	Rubber and plastic products	147	1 058	4 432	53	1 397	670	903	9 660	426	928
20	26	Other non-metallic mineral prod	877	675	580	3	751	209	789	1 750	82	188
21	27	Basic metals	16 050	12 352	7 888	42	3 525	623	673	9 224	1 719	331
22	28	Fabricated metal products, exce	1 003	15 170	12 230	217	3 127	880	1 705	11 929	2 521	1 447
23	29	Machinery and equipment n.e.c.	1 334	2 707	27 225	21	933	108	713	5 958	1 633	542
24	30	Office machinery and computers	112	136	470	3 471	845	210	659	200	44	40
25	31	Electrical machinery and appara	506	447	8 119	121	17 676	643	823	9 258	651	74
26	32	Radio, television and communic	24	55	3 256	1 923	3 408	8 524	1 881	728	284	41
27	33	Medical, precision and optical in	114	218	777	14	653	84	2 586	170	370	16
28	34	Motor vehicles, trailers and sem	180	336	1 427	1	165	64	158	80 971	97	49
29	35	Other transport equipment	5	23	24		127			213	6 351	14
30	36	Furniture; other manufactured g	11	211	89	2	19	2	8	2 139	107	2 490
31	37	Secondary raw materials	1 264	21	12		10	1	1	12	1	
32	40	Electrical energy, gas, steam an	2 199	1 458	1 105	62	640	211	250	1 660	225	272
33	41	Collected and purified water, dis	187	155	159	3	62	38	27	173	15	23
34	45	Construction work	619	266	372	28	201	111	91	587	62	84
35	50	Trade, maintenance and repair s	61	132	184	21	64	41	36	81	14	37
36	51	Wholesale trade and commissio	371	706	443	72	225	311	34	917	21	915
37	52	Retail trade services, except of										
38	55	Hotel and restaurant services	56	179	216	33	151	98	141	354	32	29
39	60	Land transport; transport via pip	1 673	504	1 262	147	347	290	328	2 360	67	536
40	61	Water transport services	227	51	89	13	17	20	3	237	1	2
41	62	Air transport services	125	225	772	277	225	331	306	568	140	63
42	63	Supporting and auxiliary transpo	307	256	1 745	350	391	414	114	2 414	61	229
43	64	Post and telecommunication ser	201	620	1 254	192	639	273	322	953	129	106
44	65	Financial intermediation services	446	897	1 418	138	652	282	338	1 890	232	248
45	66	Insurance and pension funding s	109	140	200	20	75	63	51	321	56	120
46	67	Services auxiliary to financial int	1	1	4		238	3	2	7	1	
47	70	Real estate services	568	1 514	2 545	330	1 427	635	517	4 312	385	531
48	71	Renting services of machinery a	483	907	1 063	231	672	385	373	1 511	141	237
49	72	Computer and related services	202	542	772	455	387	188	132	836	165	62
50	73	Research and development serv	51	19	112	67	230	154	68	660	241	3
51	74	Other business services	2 804	3 228	11 645	924	6 738	3 626	2 924	11 667	2 132	1 580
52	75	Public administration and defens	174	198	217	32	215	90	79	435	48	72
53	80	Education services	118	115	208	29	123	58	50	513	60	30
54	85	Health and social work services		1	8		2	1	1	17		
55	90	Sewage and refuse disposal ser	496	247	226	11	56	19	39	331	22	39
56	91	Membership organisation servic	62	83	118	25	73	45	47	210	27	29
57	92	Recreational, cultural and sporti	10	14	34	2	23	8	15	295	9	1
58	93	Other services	104	100	161	28	148	84	95	705	21	44
59	95	Private households with employ										
60		Total	41 930	50 160	97 930	9 830	49 380	21 620	18 970	174 590	19 940	17 120
61		Cif/ fob adjustments on exports										
62		Direct purchases abroad by resi										
63		Purchases on the domestic terr										
64		Total intermediate consumption	41 930	50 160	97 930	9 830	49 380	21 620	18 970	174 590	19 940	17 120
65		Compensation of employees ⁵⁾	11 870	28 370	50 960	2 420	26 370	8 300	13 360	49 550	7 600	7 920
66		Other net taxes on production ⁵⁾	110	530	710	10	260	- 20	150	190	- 90	130
67		Consumption of fixed capital ⁵⁾	2 930	4 440	6 040	750	3 530	2 190	1 340	10 130	1 080	1 400
68		Operating surplus, net ⁵⁾	2 230	5 640	6 830	510	240	260	3 180	4 410	540	980
69		Operating surplus, gross ⁵⁾	5 160	10 080	12 870	1 260	3 770	2 450	4 520	14 540	1 620	2 380
70		Value added at basic prices	17 140	38 980	64 540	3 690	30 400	10 730	18 030	64 280	9 130	10 430
71		Output at basic prices	59 070	89 140	162 470	13 520	79 780	32 350	37 000	238 870	29 070	27 550

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Table 16: Use table at purchasers' prices

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	INPUT OF INDUSTRIES (NACE)										
			Recycling	Electricity, gas, steam and hot water supply	Collection, purification and distribution of water	Construction	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale services of automotive fuel	Wholesale trade and commission trade, except of motor vehicles and motorcycles	Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods	Hotels and restaurants	Land transport; transport via pipelines	Water transport	
			37	40	41	45	50	51	52	55	60	61	
			31	32	33	34	35	36	37	38	39	40	
1	01	Products of agriculture, hunting		4	1	8	4	463	48	927	23	29	
2	02	Products of forestry, logging and		2		17		3		3			
3	05	Fish and other fishing products;				1		4	1	67		3	
4	10	Coal and lignite; peat		2 651	20	7		4	2	2		1	
5	11	Crude petroleum and natural gas	8	4 676	54	100	92	298	602	229	31	65	
6	12	Uranium and thorium ores											
7	13	Metal ores					1	12					
8	14	Other mining and quarrying prod	1	47	5	1 716		18	1	14	36		
9	15	Food products and beverages		1	1	153		362	101	14 062	3	129	
10	16	Tobacco products								24			
11	17	Textiles		8	2	382	16	44	248	154	3	6	
12	18	Wearing apparel; furs	1	2	1	6	1	3	10	9	4	1	
13	19	Leather and leather products		2		41		9	4		3		
14	20	Wood and products of wood and	6	119	15	5 998	12	98	88	73	28	1	
15	21	Pulp, paper and paper products	6	55	10	505	37	984	1 543	79	60	4	
16	22	Printed matter and recorded me	12	168	24	203	303	582	2 991	389	210	12	
17	23	Coke, refined petroleum product	290	1 739	65	3 136	614	1 867	1 111	272	3 530	1 041	
18	24	Chemicals, chemical products a	42	174	83	3 186	207	583	150	158	76	15	
19	25	Rubber and plastic products	39	188	49	9 340	922	460	913	122	255	2	
20	26	Other non-metallic mineral prod	2	533	53	17 765	107	39	22	111	108	4	
21	27	Basic metals	4	374	95	1 755	269	212	129	1	200		
22	28	Fabricated metal products, exce	34	621	119	10 715	916	261	290	126	316	16	
23	29	Machinery and equipment n.e.c.	2	891	259	2 660	209	161	272	182	257	95	
24	30	Office machinery and computers	11	93	15	78	56	539	210	57	126	1	
25	31	Electrical machinery and appara	4	3 496	113	11 420	851	132	105	145	411	3	
26	32	Radio, television and communic		22	26	100	1	240	142	40	5		
27	33	Medical, precision and optical in	1	430	83	84	60	37	105	7	22	21	
28	34	Motor vehicles, trailers and sem	92	60	11	8	3 189	124	31		1 019	1	
29	35	Other transport equipment				9					367	4	
30	36	Furniture; other manufactured g		4	1	71	6	23	105	62	4		
31	37	Secondary raw materials	837			2	3	33					
32	40	Electrical energy, gas, steam an	52	6 723	423	221	524	749	1 640	821	944	5	
33	41	Collected and purified water, dis	13	83	82	119	40	50	77	272	30	1	
34	45	Construction work	23	1 135	181	7 299	271	321	738	484	414	14	
35	50	Trade, maintenance and repair s	18	91	12	457	487	328	1 715	107	1 105	6	
36	51	Wholesale trade and commissio	119	595	14	63	7	3 471	1 613	83	74	19	
37	52	Retail trade services, except of							6	11			
38	55	Hotel and restaurant services	4	50	7	309	50	656	294	88	359	4	
39	60	Land transport; transport via pip	34	566	15	407	207	7 713	2 186	25	3 411	49	
40	61	Water transport services		246	2	7	4	487	4		50	478	
41	62	Air transport services	1	50	9	168	44	293	141	18	52	2	
42	63	Supporting and auxiliary transpo	17	98	20	485	163	13 845	568	200	8 393	5 017	
43	64	Post and telecommunication ser	6	386	43	621	213	1 618	5 370	726	454	35	
44	65	Financial intermediation services	4	647	60	3 626	894	1 679	2 526	1 330	884	88	
45	66	Insurance and pension funding s	8	912	62	621	194	323	924	134	2 487	38	
46	67	Services auxiliary to financial int		54		6		1			1		
47	70	Real estate services	85	947	82	12 479	3 558	7 373	11 926	4 793	732	30	
48	71	Renting services of machinery a	106	1 554	85	4 632	227	2 001	2 171	429	1 278	767	
49	72	Computer and related services	17	243	23	139	148	649	628	27	559	10	
50	73	Research and development serv		2	1	8		100					
51	74	Other business services	278	4 341	308	6 888	2 103	7 436	8 837	2 085	2 361	56	
52	75	Public administration and defens	48	3 772	70	970	70	170	295	190	198	11	
53	80	Education services	3	94	7	252	58	172	182	81	145	9	
54	85	Health and social work services						6	27	23			
55	90	Sewage and refuse disposal ser	18	217	6	369	89	236	2 061	409	146	2	
56	91	Membership organisation servic	13	204	9	525	99	238	954	64	162	2	
57	92	Recreational, cultural and sporti		123	73	18	3	40	45	629			
58	93	Other services	11	87	11	115	41	200	268	556	74	3	
59	95	Private households with employ											
60		Total	2 270	39 580	2 710	110 270	17 370	57 750	54 420	30 900	31 410	8 100	
61		Cif/ fob adjustments on exports											
62		Direct purchases abroad by resi											
63		Purchases on the domestic terr											
64		Total intermediate consumption	2 270	39 580	2 710	110 270	17 370	57 750	54 420	30 900	31 410	8 100	
65		Compensation of employees ⁵⁾	580	14 470	1 780	55 750	23 280	56 640	61 390	21 690	24 710	810	
66		Other net taxes on production ⁵⁾	10	1 280	- 40	590	850	3 980	1 650	100	- 470	60	
67		Consumption of fixed capital ⁵⁾	130	10 290	1 830	5 220	2 280	6 760	5 460	2 470	6 470	2 010	
68		Operating surplus, net ⁵⁾	260	5 740	2 150	23 900	9 210	16 310	14 900	6 530	- 1 280	1 410	
69		Operating surplus, gross ⁵⁾	390	16 030	3 980	29 120	11 490	23 070	20 360	9 000	5 190	3 420	
70		Value added at basic prices	980	31 780	5 720	85 460	35 620	83 690	83 400	30 790	29 430	4 290	
71		Output at basic prices	3 250	71 360	8 430	195 730	52 990	141 440	137 820	61 690	60 840	12 390	

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Table 16: Use table at purchasers' prices

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	INPUT OF INDUSTRIES (NACE)									
			Air transport	Supporting and auxiliary transport activities; activities of travel agencies	Post and telecommunications	Financial intermediation, except insurance and pension funding	Insurance and pension funding, except compulsory social security	Activities auxiliary to financial intermediation	Real estate activities	Renting of machinery and equipment without operator and of personal and household goods	Computer and related activities	Research and development
			62 41	63 42	64 43	65 44	66 45	67 46	70 47	71 48	72 49	73 50
1	01	Products of agriculture, hunting	1	10	5	8	7		642	1	2	2
2	02	Products of forestry, logging and										
3	05	Fish and other fishing products;										
4	10	Coal and lignite; peat										
5	11	Crude petroleum and natural gas	1	10	25	98	72	13	6	2	23	19
6	12	Uranium and thorium ores										
7	13	Metal ores										
8	14	Other mining and quarrying prod		7	18							1
9	15	Food products and beverages	32	4								
10	16	Tobacco products										
11	17	Textiles		5	40	11	13		3	3	4	6
12	18	Wearing apparel; furs	1		1							
13	19	Leather and leather products		5								
14	20	Wood and products of wood and	1	35	69	12	9	2	360	2	7	9
15	21	Pulp, paper and paper products	8	43	199	190	170	42	6	9	68	50
16	22	Printed matter and recorded me	18	285	1 027	589	292	9	530	32	114	248
17	23	Coke, refined petroleum product	3 197	2 196	559	118	99	58	131	117	218	153
18	24	Chemicals, chemical products a	4	22	40	15	17		2		25	385
19	25	Rubber and plastic products	3	168	97	6	6		18		3	31
20	26	Other non-metallic mineral prod		83	193							27
21	27	Basic metals	1	79	37				3		1	
22	28	Fabricated metal products, exce	5	415	121	17	21		113	5	31	35
23	29	Machinery and equipment n.e.c.	2	113	75	8	8		568		4	34
24	30	Office machinery and computers	13	249	561	340	194	57	52	21	1 211	270
25	31	Electrical machinery and appara	3	541	294	17	31	1	54	1	50	54
26	32	Radio, television and communic	1	1	2 490			6			106	66
27	33	Medical, precision and optical in	1	4	11	9	8					176
28	34	Motor vehicles, trailers and sem		328								
29	35	Other transport equipment	1 786	4								
30	36	Furniture; other manufactured g	1	2	13	16	17	3	5	5	7	11
31	37	Secondary raw materials										
32	40	Electrical energy, gas, steam an	8	303	494	392	186	77	439	41	96	207
33	41	Collected and purified water, dis	1	52	48	37	37	1	23	3	20	17
34	45	Construction work	13	719	654	465	458	16	16 135	61	168	89
35	50	Trade, maintenance and repair s	6	1 714	181	47	39	24	24	219	38	26
36	51	Wholesale trade and commissio	2	8	2	6					1	
37	52	Retail trade services, except of										
38	55	Hotel and restaurant services	866	419	169	520	356	113	24	15	90	52
39	60	Land transport; transport via pip	25	10 215	26	48	26	5	3	1	24	28
40	61	Water transport services	1	354		1						
41	62	Air transport services	7	508	326	451	243	13	29	15	163	168
42	63	Supporting and auxiliary transpo	6 800	15 460	1 664	25	3				9	10
43	64	Post and telecommunication ser	105	906	20 579	1 826	1 380	297	516	43	253	156
44	65	Financial intermediation services	149	784	967	12 604	2 210	2 797	21 488	503	527	84
45	66	Insurance and pension funding s	70	1 137	121	917	9 706	3 902	2 305	586	59	38
46	67	Services auxiliary to financial int		28	2	11 790	11 133	4 606		55		
47	70	Real estate services	53	1 561	4 047	4 291	3 637	300	10 152	165	377	365
48	71	Renting services of machinery a	1 113	1 541	802	744	441	753	107	4 751	921	127
49	72	Computer and related services	75	1 018	1 756	1 972	765	99	257	41	7 349	1 207
50	73	Research and development serv			74						2	1 542
51	74	Other business services	206	2 190	3 251	13 533	21 620	412	10 253	1 021	1 170	1 521
52	75	Public administration and defens	16	133	89	97	82	8	1 343	27	42	177
53	80	Education services	49	108	81	199	83	26	358	12	363	1 877
54	85	Health and social work services										
55	90	Sewage and refuse disposal ser	7	161	73	123	59	5	1 144	7	45	40
56	91	Membership organisation servic	4	273	22	387	211	22	34	10	60	150
57	92	Recreational, cultural and sporti	1		111	158	71					1
58	93	Other services	4	639	346	303	200	13	183	16	199	81
59	95	Private households with employ										
60		Total	14 660	44 840	41 760	52 390	53 910	13 680	67 310	7 790	13 850	9 540
61		Cif/ fob adjustments on exports										
62		Direct purchases abroad by resi										
63		Purchases on the domestic terr										
64		Total intermediate consumption	14 660	44 840	41 760	52 390	53 910	13 680	67 310	7 790	13 850	9 540
65		Compensation of employees ⁵⁾	3 540	17 650	15 030	38 270	14 260	3 710	11 110	2 330	20 810	6 290
66		Other net taxes on production ⁵⁾	100	470	300	1 910	710	100	7 580	180	160	- 290
67		Consumption of fixed capital ⁵⁾	1 220	7 170	9 500	4 950	2 130	110	79 670	32 000	3 850	1 400
68		Operating surplus, net ⁵⁾	330	5 430	17 330	20 450	- 1 690	6 980	133 900	2 030	4 600	60
69		Operating surplus, gross ⁵⁾	1 550	12 600	26 830	25 400	440	7 090	213 570	34 030	8 450	1 460
70		Value added at basic prices	5 190	30 720	42 160	65 580	15 410	10 900	232 260	36 540	29 420	7 460
71		Output at basic prices	19 850	75 560	83 920	117 970	69 320	24 580	299 570	44 330	43 270	17 000

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Table 16: Use table at purchasers' prices

Mio. Euro

current prices

No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	INPUT OF INDUSTRIES (NACE)									
			Other business activities	Public administration and defence; compulsory social security	Education	Health and social work	Sewage and refuse disposal, sanitation and similar activities	Activities of membership organisation n.e.c.	Recreational, cultural and sporting activities	Other service activities	Private households with employed persons	Financial intermediation services indirectly measured (FISIM)
			74 51	75 52	80 53	85 54	90 55	91 56	92 57	93 58	95 59	60
1	01	Products of agriculture, hunting	21	1 128	68	788	9	9	105	7		
2	02	Products of forestry, logging and	3	1		1		1	1			
3	05	Fish and other fishing products;		1		27			8			
4	10	Coal and lignite; peat	1	22								
5	11	Crude petroleum and natural gas	211	486	292	460	7	48	80	30		
6	12	Uranium and thorium ores										
7	13	Metal ores	4									
8	14	Other mining and quarrying prod	3	315	3	7	81	2	6			
9	15	Food products and beverages	24	1 247	454	6 237		105	122	24		
10	16	Tobacco products										
11	17	Textiles	19	104	14	316		15	21	3		
12	18	Wearing apparel; furs	1	17		478	1	10	186	9		
13	19	Leather and leather products	3	76	1	7	4		20			
14	20	Wood and products of wood and	76	252	219	91	86	9	56	568		
15	21	Pulp, paper and paper products	545	378	192	241	23	37	78	11		
16	22	Printed matter and recorded me	4 414	1 270	1 007	907	152	164	461	65		
17	23	Coke, refined petroleum product	1 455	1 994	1 806	1 236	250	113	742	290		
18	24	Chemicals, chemical products a	867	409	216	6 852	200	37	111	166		
19	25	Rubber and plastic products	350	485	49	283	212	25	32	1		
20	26	Other non-metallic mineral prod	55	219	41	117	2	19	60	178		
21	27	Basic metals	193	67	2	1	2	1	5			
22	28	Fabricated metal products, exce	86	626	121	227	894	38	59	3		
23	29	Machinery and equipment n.e.c.	34	2 259	25	219	343	5	9	42		
24	30	Office machinery and computers	307	1 070	349	387	211	196	153	13		
25	31	Electrical machinery and appara	58	142	67	190	35	9	53	7		
26	32	Radio, television and communic	100	547	131	100			836	5		
27	33	Medical, precision and optical in	23	204	121	6 347	1	9	36			
28	34	Motor vehicles, trailers and sem	11	119					1			
29	35	Other transport equipment		2 566		8						
30	36	Furniture; other manufactured g	63	73	102	163	4	97	77	6		
31	37	Secondary raw materials	2				1 373					
32	40	Electrical energy, gas, steam an	444	1 020	1 255	1 834	45	105	303	303		
33	41	Collected and purified water, dis	184	215	301	405	21	28	193	216		
34	45	Construction work	1 180	2 871	1 057	2 812	642	234	469	135		
35	50	Trade, maintenance and repair s	245	847	106	196	298	11	123	16		
36	51	Wholesale trade and commissio	9						8	1		
37	52	Retail trade services, except of	3	3		6		22	22			
38	55	Hotel and restaurant services	474	1 168	129	322	30	201	443	56		
39	60	Land transport; transport via pip	80	649	2 070	40	5	84	102	8		
40	61	Water transport services	1	27								
41	62	Air transport services	732	1 075	45	125	45	77	400	45		
42	63	Supporting and auxiliary transpo	79	92		3		3	35	4		
43	64	Post and telecommunication ser	1 592	2 804	230	1 262	275	328	1 677	104		
44	65	Financial intermediation services	3 526	5 151	419	2 848	276	1 236	595	735		
45	66	Insurance and pension funding s	486	1 565	1 249	472	424	272	132	45		
46	67	Services auxiliary to financial int		35								
47	70	Real estate services	8 331	3 322	695	4 897	566	406	1 090	326		
48	71	Renting services of machinery a	506	776	486	1 600	1 107	304	689	424		
49	72	Computer and related services	1 445	1 463	741	1 319	619	89	238	64		
50	73	Research and development serv		1 739	574	307	267					
51	74	Other business services	47 679	6 066	1 342	8 464	4 639	549	2 132	516		
52	75	Public administration and defenc	649	1 940	143	551	210	256	122	23		
53	80	Education services	563	888	6 664	201	23	139	79	12		
54	85	Health and social work services	6	68	48	3 582			81			
55	90	Sewage and refuse disposal ser	316	1 804	157	1 527	878	24	178	23		
56	91	Membership organisation servic	749	735	172	608	144	1 474	112	100		
57	92	Recreational, cultural and sporti	6 568	737	356	337		136	13 908	14		
58	93	Other services	2 584	103	41	1 242	376	33	732	4 031		
59	95	Private households with employ										
60		Total	87 360	53 240	23 560	60 650	14 780	6 960	27 180	8 630		
61		Cif/ fob adjustments on exports										
62		Direct purchases abroad by resi										
63		Purchases on the domestic terr										
64		Total intermediate consumption	87 360	53 240	23 560	60 650	14 780	6 960	27 180	8 630		
65		Compensation of employees ⁵⁾	81 590	102 570	81 250	93 770	4 910	16 110	18 280	5 690	6 440	
66		Other net taxes on production ⁵⁾	410	- 270	- 640	- 4 110	- 430	- 120	- 540	450		
67		Consumption of fixed capital ⁵⁾	5 910	19 390	7 750	15 340	7 210	690	9 010	1 120		
68		Operating surplus, net ⁵⁾	83 940		70	35 020	1 240	90	9 990	19 830		
69		Operating surplus, gross ⁵⁾	89 850	19 390	7 820	50 360	8 450	780	19 000	20 950		
70		Value added at basic prices	171 850	121 690	88 430	140 020	12 930	16 770	36 740	27 090	6 440	
71		Output at basic prices	259 210	174 930	111 990	200 670	27 710	23 730	63 920	35 720	6 440	

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Table 16: Use table at purchasers' prices

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	Total	FINAL USES								
				Final consumption expenditure by households	Final consumption expenditure by non-profit organisations serving households (NPISH)	Final consumption expenditure by government	Final consumption expenditure	Gross fixed capital formation	Changes in valuables 1)	Changes in inventories	Changes in inventories and valuables	Gross capital formation
			61	62	63	64	65	66	67	68	69	70
1	01	Products of agriculture, hunting	39 595	23 252			23 252	3 709		- 381	- 381	3 328
2	02	Products of forestry, logging and	2 521	934			934			69	69	69
3	05	Fish and other fishing products;	430	400			400					
4	10	Coal and lignite; peat	3 918	556			556			- 165	- 165	- 165
5	11	Crude petroleum and natural gas	40 037	13 331		85	13 416	90		- 270	- 270	- 180
6	12	Uranium and thorium ores										
7	13	Metal ores	2 243									
8	14	Other mining and quarrying prod	6 416	129			129			- 5	- 5	- 5
9	15	Food products and beverages	53 670	152 499		439	152 938			863	863	863
10	16	Tobacco products	310	23 207			23 207			84	84	84
11	17	Textiles	10 513	18 693			18 693	282		- 608	- 608	- 326
12	18	Wearing apparel; furs	2 400	45 708			45 708	5		- 3 211	- 3 211	- 3 206
13	19	Leather and leather products	1 962	13 982			13 982			- 973	- 973	- 973
14	20	Wood and products of wood and	19 098	1 676			1 676	3 467		68	68	3 535
15	21	Pulp, paper and paper products	27 396	5 612			5 612			- 462	- 462	- 462
16	22	Printed matter and recorded me	28 726	24 899			24 899	1 208		- 3 061	- 3 061	- 1 853
17	23	Coke, refined petroleum product	49 743	50 034		85	50 119			799	799	799
18	24	Chemicals, chemical products a	84 220	29 440		24 282	53 722			- 3 505	- 3 505	- 3 505
19	25	Rubber and plastic products	43 836	7 666			7 666	616		- 332	- 332	284
20	26	Other non-metallic mineral prod	33 642	5 822			5 822	256		- 151	- 151	105
21	27	Basic metals	58 320					1 029		639	639	1 668
22	28	Fabricated metal products, exce	72 022	7 668			7 668	12 828		107	107	12 935
23	29	Machinery and equipment n.e.c.	57 159	14 426			14 426	50 727		2 235	2 235	52 962
24	30	Office machinery and computers	13 723	6 221			6 221	13 430		554	554	13 984
25	31	Electrical machinery and appara	57 723	2 884			2 884	11 414		- 1 259	- 1 259	10 155
26	32	Radio, television and communic	25 270	9 863			9 863	8 660		3 129	3 129	11 789
27	33	Medical, precision and optical in	13 433	9 266		5 165	14 431	14 570		331	331	14 901
28	34	Motor vehicles, trailers and sem	89 638	63 596			63 596	28 650		3 110	3 110	31 760
29	35	Other transport equipment	11 513	4 917		251	5 168	11 034		- 2 036	- 2 036	8 998
30	36	Furniture; other manufactured g	6 197	42 465		126	42 591	6 744		- 350	- 350	6 394
31	37	Secondary raw materials	4 910							33	33	33
32	40	Electrical energy, gas, steam an	37 629	24 880		168	25 048					
33	41	Collected and purified water, dis	4 921	4 867			4 867					
34	45	Construction work	44 258	4 033			4 033	171 818				171 818
35	50	Trade, maintenance and repair s	10 181	20 859			20 859					
36	51	Wholesale trade and commissio	12 434									
37	52	Retail trade services, except of	73	4 789			4 789					
38	55	Hotel and restaurant services	9 429	61 586			61 586					
39	60	Land transport; transport via pip	44 276	15 033		154	15 187					
40	61	Water transport services	2 951	950			950					
41	62	Air transport services	9 830	8 530			8 530					
42	63	Supporting and auxiliary transpo	65 988	6 645		2 490	9 135					
43	64	Post and telecommunication ser	52 385	35 115			35 115					
44	65	Financial intermediation services	81 109	34 854			34 854					
45	66	Insurance and pension funding s	32 756	43 531			43 531			- 3 000	- 3 000	- 3 000
46	67	Services auxiliary to financial int	28 036	603			603					
47	70	Real estate services	109 786	211 256		218	211 474	4 459				4 459
48	71	Renting services of machinery a	45 231	4 214			4 214					
49	72	Computer and related services	28 509	1 219			1 219	18 930				18 930
50	73	Research and development serv	10 549		3 250	6 400	9 650					
51	74	Other business services	252 304	10 567			10 567	16 490				16 490
52	75	Public administration and defens	15 399	4 207		153 830	158 037	1 204				1 204
53	80	Education services	14 846	11 549	9 387	76 602	97 538					
54	85	Health and social work services	4 377	48 790	10 290	137 659	196 739					
55	90	Sewage and refuse disposal ser	15 534	13 286		25	13 311					
56	91	Membership organisation servic	9 221	2 439	11 294	582	14 315					
57	92	Recreational, cultural and sporti	26 676	27 913	3 109	8 669	39 691	3 060		87	87	3 147
58	93	Other services	15 108	24 859			24 859					
59	95	Private households with employ		6 440			6 440					
60		Total	1 844 380	1 212 160	37 330	417 230	1 666 720	384 680		- 7 690	- 7 690	376 990
61		Cif/ fob adjustments on exports										
62		Direct purchases abroad by resi		55 250			55 250					
63		Purchases on the domestic terr		- 22 980			- 22 980					
64		Total intermediate consumption	1 844 380	1 244 430	37 330	417 230	1 698 990	384 680		- 7 690	- 7 690	376 990
65		Compensation of employees ⁵⁾	1 132 770									
66		Other net taxes on production ⁵⁾	13 320									
67		Consumption of fixed capital ⁵⁾	322 750									
68		Operating surplus, net ⁵⁾	478 270									
69		Operating surplus, gross ⁵⁾	801 020									
70		Value added at basic prices	1 947 110									
71		Output at basic prices	3 791 490									

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Table 16: Use table at purchasers' prices

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No	Code	INDUSTRIES (NACE) PRODUCTS (CPA)	FINAL USES				Total use at purchasers' prices
			Exports intra EU ²⁾ fob	Exports extra EU ²⁾ fob	Exports	Final uses at purchasers' prices	
			71	72	73	74	75
1	01	Products of agriculture, hunting	3 301	1 586	4 887	31 467	71 062
2	02	Products of forestry, logging and	269	109	378	1 381	3 902
3	05	Fish and other fishing products;	216	9	225	625	1 055
4	10	Coal and lignite; peat	186	35	221	612	4 530
5	11	Crude petroleum and natural gas	1 083	224	1 307	14 543	54 580
6	12	Uranium and thorium ores					
7	13	Metal ores	27	25	52	47	2 290
8	14	Other mining and quarrying prod	772	373	1 145	1 245	7 661
9	15	Food products and beverages	21 602	6 212	27 814	181 615	235 285
10	16	Tobacco products	1 402	512	1 914	25 205	25 515
11	17	Textiles	5 917	6 198	12 115	30 482	40 995
12	18	Wearing apparel; furs	5 564	2 379	7 943	50 445	52 845
13	19	Leather and leather products	1 800	1 387	3 187	16 196	18 158
14	20	Wood and products of wood and	2 796	1 763	4 559	9 770	28 868
15	21	Pulp, paper and paper products	10 271	5 745	16 016	21 166	48 562
16	22	Printed matter and recorded me	6 211	4 429	10 640	33 686	62 412
17	23	Coke, refined petroleum product	5 171	3 234	8 405	59 323	109 066
18	24	Chemicals, chemical products a	48 034	37 454	85 488	135 705	219 925
19	25	Rubber and plastic products	14 352	10 160	24 512	32 462	76 298
20	26	Other non-metallic mineral prod	5 332	3 980	9 312	15 239	48 881
21	27	Basic metals	21 219	13 769	34 988	36 656	94 976
22	28	Fabricated metal products, exce	13 963	10 310	24 273	44 876	116 898
23	29	Machinery and equipment n.e.c.	42 011	53 008	95 019	162 407	219 566
24	30	Office machinery and computers	13 400	6 629	20 029	40 234	53 957
25	31	Electrical machinery and appara	16 245	17 103	33 348	46 387	104 110
26	32	Radio, television and communic	17 009	16 340	33 349	55 001	80 271
27	33	Medical, precision and optical in	11 999	15 017	27 016	56 348	69 781
28	34	Motor vehicles, trailers and sem	74 772	61 286	136 058	231 414	321 052
29	35	Other transport equipment	16 223	13 057	29 280	43 446	54 959
30	36	Furniture; other manufactured g	7 977	4 646	12 623	61 608	67 805
31	37	Secondary raw materials				33	4 943
32	40	Electrical energy, gas, steam an	2 981	2 005	4 986	30 034	67 663
33	41	Collected and purified water, di				4 867	9 788
34	45	Construction work	98	33	131	175 982	220 240
35	50	Trade, maintenance and repair s	123	48	171	21 030	31 211
36	51	Wholesale trade and commissio	2 606	1 177	3 783	3 783	16 217
37	52	Retail trade services, except of	28	71	99	4 888	4 961
38	55	Hotel and restaurant services	2 206	1 532	3 738	65 324	74 753
39	60	Land transport; transport via pip	3 424	2 505	5 929	21 116	65 392
40	61	Water transport services	3 471	6 534	10 005	10 955	13 906
41	62	Air transport services	1 846	3 190	5 036	13 566	23 396
42	63	Supporting and auxiliary transpo	3 687	2 624	6 311	15 446	81 434
43	64	Post and telecommunication ser	1 458	1 045	2 503	37 618	90 003
44	65	Financial intermediation services	1 160	1 552	2 712	37 566	118 675
45	66	Insurance and pension funding s	2 573	3 690	6 263	46 794	79 550
46	67	Services auxiliary to financial int	725	293	1 018	1 621	29 657
47	70	Real estate services	203	749	952	216 885	326 671
48	71	Renting services of machinery a				4 214	49 445
49	72	Computer and related services	3 288	4 360	7 648	27 797	56 306
50	73	Research and development serv	1 708	2 682	4 390	14 040	24 589
51	74	Other business services	7 318	8 905	16 223	43 280	295 584
52	75	Public administration and defens	763		763	160 004	175 403
53	80	Education services				97 538	112 384
54	85	Health and social work services				196 739	201 116
55	90	Sewage and refuse disposal ser				13 311	28 845
56	91	Membership organisation servic				14 315	23 536
57	92	Recreational, cultural and sporti	425	886	1 311	44 149	70 825
58	93	Other services	5	40	45	24 904	40 012
59	95	Private households with employ				6 440	6 440
60		Total	409 220	340 900	750 120	2 793 830	4 638 210
61		Cif/ fob adjustments on exports	- 710	- 1 650	- 2 360	- 2 360	- 2 360
62		Direct purchases abroad by resi				55 250	55 250
63		Purchases on the abroad territ	13 430	9 550	22 980		
64		Total intermediate consumption	421 940	348 800	770 740	2 846 720	4 691 100
65		Compensation of employees ⁵⁾					
66		Other net taxes on production ⁵⁾					
67		Consumption of fixed capital ⁵⁾					
68		Operating surplus, net ⁵⁾					
69		Operating surplus, gross ⁵⁾					
70		Value added at basic prices					
71		Output at basic prices					