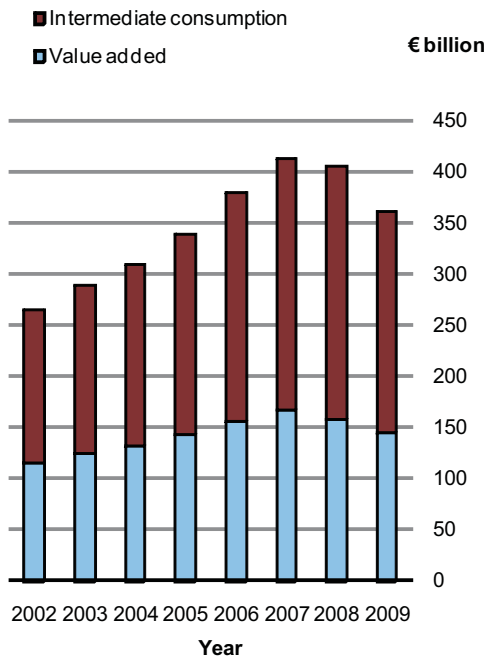




Components of output (at basic prices), 2002-2009



National Accounts

Output and Value Added by Activity 2002-2009

Table 1 Output, intermediate consumption and value added, 2008-2009

	2008	2009	Percentage change
	€ million	€ million	%
P.1 Output	403,886	360,488	-10.7
P.2 Intermediate consumption	245,947	216,297	-12.1
B.1g Value added	157,939	144,191	-8.7

Note: In this table output and value added are given at basic prices.

Value of Output decreased by 10.7% in 2009

Output at basic prices fell by 10.7 per cent between 2008 and 2009. Intermediate consumption, which accounted for 60 per cent of total output, fell by 12.1 per cent over the same period. As a result value added, compiled using the Output Method (or Production Approach), declined by 8.7 per cent.

Output (the value of all goods and services) at basic prices for the total economy was €360.5 billion in 2009. In the same year intermediate consumption totalled €216.3 billion which, when deducted from output, resulted in value added at basic prices of €144.2 billion.

Some of the main features of the results are:

- The main constituents of output at basic prices in 2009 were service industries at €223.5 billion (62% of the total), production industries at €110.7 billion (30.7%), construction at €20.6 billion (5.7%) and agriculture at €5.7 billion (1.6%). *See table 10.*
- Output for construction decreased by €20.5 billion (49.9%) between 2008 and 2009. *See table 1.*
- Output for professional, scientific and technical activities, administrative and support service activities decreased by €4.6 billion (13.8%) between 2008 and 2009. *See table 1.*
- Value added at basic prices for real estate activities fell from €13 billion in 2008 to €8 billion in 2009, a decrease of 38.4 per cent. *See table 2.*
- Value added at basic prices for manufacturing industries rose from €30.2 billion in 2008 to €32 billion in 2009, an increase of 6 per cent. *See table 2.*

The value added figures for 2002 to 2009 given in this release are broadly consistent with the figures published in National Income and Expenditure (NIE) 2011. The reasons for any differences arising are set out on the next page.

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On-line ISSN 2009-096X

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The estimates of Gross Domestic Product (GDP) published in the National Income and Expenditure (NIE) publications are produced using the Income and Expenditure Methods. This release presents the results of the estimation of GDP using the Output Method (also known as the Production Approach).

The Output Method is an alternative approach to the estimation of GDP and, in line with EU recommendations, it is planned to integrate this approach into the GDP compilation process. Pending this integration, the estimates of GDP using the Output Method should be considered as transitional.

The Output Method largely takes its data from the CSO's annual Structural Business Surveys (SBS), i.e. Annual Services Inquiry, Census of Building and Construction and Census of Industrial Production. As part of the Output Method compilation, an examination is done of the consistency between the SBS data and the Income Method data, which is based mainly on administrative sources. Although the GDP figures are broadly consistent with the figures published in the NIE 2011 publication, some inconsistencies remain. The following are some of the causes of these inconsistencies:

- **Company size.** There are cut off points in relation to company size used to determine the sample frame for these surveys, e.g. the Census of Industrial Production covers companies with three or more persons engaged. For this Output estimate, we have included estimates for those outside the scope of the surveys.
- **Non-response and data errors.** Survey data and administrative records are both subject to non-response and data errors. The approach for correcting these may give different results.
- **Definitions/concepts.** There are differences between the definitions/concepts used for the data collected in the surveys and the definitions/concepts applying to the data collected from administrative sources. The data from administrative sources are converted as far as possible to National Accounts definitions/concepts.
- **Activity coverage.** The coverage of some activities in the SBS differs from the coverage of data collected from administrative sources. A variety of methods are used to estimate the aggregate total for each sector.
- **Company/enterprise.** The SBS collect data from companies, some of which have complicated organisation structures. Data from administrative sources do not always map to the same structure, i.e. for a particular enterprise, there might be a single survey response covering the whole group of companies, whereas several separate responses for companies within the same group might be contained in the administrative records. As a result, components of such groups may be classified to different activities in the Output and Income methods, respectively.

Table 1 Output at basic prices, 2002-2009

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	P.1 - Total output at basic prices								
			2002	2003	2004	2005	2006	2007	2008	2009	
01-03	01-03	Agriculture, forestry and fishing									
01	01	Crop and animal production, hunting and related service activities	5,770	5,781	6,024	5,560	5,351	5,886	6,067	4,945	
02	02	Forestry and logging	290	432	491	522	531	638	549	438	
03	03	Fishing and aquaculture	365	320	373	297	333	395	313	316	
01-03	01-03	Total agriculture, forestry and fishing	6,424	6,532	6,887	6,379	6,214	6,919	6,929	5,699	
04-26	05-39	Production industries									
04	05-09	Mining and quarrying	1,026	1,172	1,113	1,371	1,993	1,930	1,844	1,314	
05-23	10-33	Manufacturing industries									
05	10-12	Manufacture of food products, beverages and tobacco products	16,913	18,147	17,978	18,999	20,641	21,887	22,020	20,357	
06	13-15	Manufacture of textiles, wearing apparel and leather products	714	708	583	540	605	609	469	443	
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,579	1,281	1,187	1,279	1,533	1,658	1,036	700	
08	17	Manufacture of paper and paper products	838	885	702	632	781	769	702	514	
09	18	Printing and reproduction of recorded media	1,819	2,058	2,212	2,320	2,132	1,733	2,015	1,643	
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	4,860	6,340	4,614	5,799	5,570	5,926	5,751	3,597	
12	21	Manufacture of pharmaceutical products	27,413	24,885	24,083	24,380	24,782	28,409	29,503	35,249	
13	22	Manufacture of rubber and plastic products	1,194	1,350	1,399	1,493	1,683	1,724	1,497	1,298	
14	23	Manufacture of other non-metallic mineral products	1,978	2,172	2,379	2,690	3,072	3,539	2,833	1,798	
15	24	Manufacture of basic metals	380	439	499	479	583	682	837	419	
16	25	Manufacture of fabricated metal products, except machinery and equipment	1,496	1,660	1,804	1,888	2,133	2,476	2,308	1,701	
17	26	Manufacture of computer, electronic and optical products	20,639	19,700	20,783	22,326	23,973	22,891	20,773	19,683	
18	27	Manufacture of electrical equipment	985	991	974	983	1,051	1,132	1,090	635	
19	28	Manufacture of machinery and equipment n.e.c.	2,222	1,913	2,044	1,949	2,173	2,489	2,885	2,439	
20	29	Manufacture of motor vehicles, trailers and semi-trailers	620	661	650	774	782	862	691	521	
21	30	Manufacture of other transport equipment	315	284	280	282	305	352	489	363	
22	31-32	Manufacture of furniture; Other manufacturing	5,196	5,723	5,687	6,089	6,520	7,402	8,131	8,557	
23	33	Repair and installation of machinery and equipment	370	393	425	459	489	607	461	362	
05-23	10-33	Total manufacturing industries	89,529	89,587	88,285	93,362	98,808	105,146	103,492	100,278	
24	35	Electricity, gas, steam and air-conditioning supply	2,854	3,170	3,866	4,704	5,519	6,645	7,302	6,589	
25-26	36-39	Water supply; sewerage, waste management and remediation activities									
25	36	Water collection, treatment and supply	221	243	254	272	305	385	413	427	
26	37-39	Sewerage, waste management and remediation activities	865	1,430	1,391	1,609	1,830	2,189	2,511	2,130	
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	1,086	1,673	1,645	1,881	2,135	2,574	2,923	2,557	
04-26	05-39	Total production industries	94,496	95,602	94,909	101,319	108,454	116,294	115,562	110,737	

Table 1 (contd.) Output at basic prices, 2002-2009

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	P.1 - Total output at basic prices							
			2002	2003	2004	2005	2006	2007	2008	2009
27	41-43	Construction	25,978	28,484	34,019	39,705	47,350	48,012	41,093	20,598
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	1,741	1,542	1,798	1,866	2,138	2,469	2,214	1,675
29	46	Wholesale trade, except of motor vehicles and motorcycles	9,411	11,001	14,340	15,302	18,727	18,579	17,224	15,584
30	47	Retail trade, except of motor vehicles and motorcycles	6,652	7,829	8,216	8,217	9,854	10,811	11,929	11,005
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	17,805	20,371	24,355	25,384	30,719	31,859	31,368	28,264
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	2,016	2,614	2,758	3,029	3,785	3,962	4,799	4,059
32	50	Water transport	308	498	420	520	639	701	537	479
33	51	Air transport	2,052	2,067	2,434	3,068	4,067	4,577	4,852	4,569
34	52	Warehousing and support activities for transportation	2,192	2,393	2,656	2,780	2,883	3,036	3,599	2,982
35	53	Postal and courier activities	1,142	1,223	1,322	1,374	1,532	1,593	1,782	1,574
31-35	49-53	Total transportation and storage	7,710	8,795	9,591	10,771	12,907	13,868	15,568	13,663
36	55-56	Accommodation; food and beverage service activities	6,880	7,349	7,858	7,796	8,171	8,879	9,683	8,378
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	7,548	9,036	10,788	11,133	12,845	15,552	15,994	13,681
39	61	Telecommunications	6,913	7,982	6,625	6,272	6,034	7,337	6,159	5,448
40	62-63	Computer programming, consultancy and related activities; information service activities	8,298	8,568	8,056	11,997	15,037	17,710	20,004	21,594
37-40	58-63	Total information and communication	22,759	25,586	25,469	29,403	33,916	40,599	42,157	40,722
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	7,663	9,160	10,151	14,754	16,352	19,376	15,110	16,125
42	65	Insurance, reinsurance and pension funding, except compulsory social security	8,577	11,871	12,506	13,020	14,335	13,780	14,308	11,027
43	66	Activities auxiliary to financial services and insurance activities	5,030	4,865	6,300	9,660	13,369	15,291	10,600	11,429
41-43	64-66	Total financial and insurance activities	21,270	25,895	28,957	37,434	44,055	48,447	40,018	38,580
44	68	Real estate activities	12,188	13,993	15,729	15,624	16,795	18,406	17,735	15,014

Table 1 (contd.) Output at basic prices, 2002-2009

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	P.1 - Total output at basic prices								
			2002	2003	2004	2005	2006	2007	2008	2009	
28-64	45-99	Service industries (contd.)									
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities									
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	4,286	5,276	7,003	8,395	6,977	7,042	6,917	6,060	
46	71	Architectural and engineering services; technical testing and analysis	2,541	2,719	2,796	2,728	3,543	3,641	4,086	3,238	
47	72	Scientific research and development	477	473	448	586	518	1,051	993	997	
48	73	Advertising and market research	2,246	2,463	3,288	2,743	3,169	3,725	3,137	2,367	
49	74-75	Other professional, scientific and technical activities; veterinary activities	1,429	1,514	1,737	2,082	1,822	1,946	2,592	2,164	
50	77	Rental and leasing activities	3,067	2,638	2,854	4,920	5,348	7,667	8,887	8,475	
51	78	Employment activities	600	845	904	1,279	1,354	1,535	1,838	1,225	
52	79	Travel agency, tour operator and other reservation services and related activities	1,934	1,999	2,409	2,530	2,299	2,101	1,913	1,570	
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	1,252	1,800	1,702	1,670	1,881	2,462	3,303	2,938	
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	17,832	19,726	23,141	26,933	26,910	31,170	33,667	29,033	
54	84	Public administration and defence; compulsory social security	7,593	8,127	9,248	8,282	9,214	9,895	9,745	8,912	
55	85	Education	6,094	6,841	7,313	8,072	9,076	9,840	10,612	11,277	
56-57	86-88	Human health activities; Social work activities	12,127	13,808	14,966	15,592	17,291	18,981	21,222	21,943	
58-64	90-99	Arts, entertainment and recreation activities and other services									
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	1,749	2,215	1,995	2,015	2,465	2,768	3,241	2,962	
59	93	Sports activities and amusement and recreation activities	1,375	1,636	1,411	1,758	1,736	2,539	2,099	1,883	
60	94	Activities of membership organisations	654	818	889	934	1,006	1,014	1,123	1,080	
61	95	Repair of computers and personal and household goods	530	379	267	272	382	255	215	173	
62	96	Other personal service activities	722	1,080	839	849	933	1,072	1,169	1,127	
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	323	373	443	488	621	758	675	431	
64	99	Activities of extraterritorial organisations and bodies	5	5	2	5	3	6	5	10	
58-64	90-99	Total arts, entertainment and recreation activities and other services	5,358	6,505	5,847	6,320	7,146	8,412	8,527	7,666	
28-64	45-99	Total service industries	137,614	156,997	172,473	191,610	216,200	240,357	240,301	223,453	
01-64	01-99	All NACE economic sectors	264,513	287,615	308,287	339,013	378,219	411,582	403,886	360,488	

Table 2 Value added at basic prices, 2002-2009

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	B.1g - Value added at basic prices								
			2002	2003	2004	2005	2006	2007	2008	2009	
01-03	01-03	Agriculture, forestry and fishing									
01	01	Crop and animal production, hunting and related service activities	2,349	2,298	2,495	1,818	1,336	1,663	1,372	760	
02	02	Forestry and logging	125	184	211	201	220	252	205	187	
03	03	Fishing and aquaculture	125	126	119	106	106	131	80	83	
01-03	01-03	Total agriculture, forestry and fishing	2,599	2,608	2,824	2,125	1,662	2,046	1,657	1,030	
04-26	05-39	Production industries									
04	05-09	Mining and quarrying	426	518	451	519	931	923	592	594	
05-23	10-33	Manufacturing industries									
05	10-12	Manufacture of food products, beverages and tobacco products	4,980	5,787	5,209	5,414	6,114	6,235	6,194	5,890	
06	13-15	Manufacture of textiles, wearing apparel and leather products	254	230	211	216	237	230	165	156	
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	403	408	421	438	463	481	229	154	
08	17	Manufacture of paper and paper products	320	335	270	252	213	266	178	160	
09	18	Printing and reproduction of recorded media	595	561	706	709	549	542	520	497	
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	1,884	2,283	1,627	2,128	1,877	1,782	1,421	967	
12	21	Manufacture of pharmaceutical products	15,432	11,663	10,649	9,225	8,917	10,238	10,531	13,944	
13	22	Manufacture of rubber and plastic products	481	519	552	563	620	587	464	402	
14	23	Manufacture of other non-metallic mineral products	798	901	898	1,026	1,199	1,268	1,057	541	
15	24	Manufacture of basic metals	113	116	139	98	177	208	175	142	
16	25	Manufacture of fabricated metal products, except machinery and equipment	583	647	738	739	830	964	813	582	
17	26	Manufacture of computer, electronic and optical products	3,911	3,475	3,835	3,921	3,772	3,773	3,243	3,419	
18	27	Manufacture of electrical equipment	320	300	327	324	333	287	332	308	
19	28	Manufacture of machinery and equipment n.e.c.	826	713	820	745	912	963	1,219	921	
20	29	Manufacture of motor vehicles, trailers and semi-trailers	189	207	204	230	209	221	147	131	
21	30	Manufacture of other transport equipment	120	126	137	149	147	149	230	139	
22	31-32	Manufacture of furniture; Other manufacturing	2,445	2,488	2,506	2,483	3,007	2,984	3,085	3,479	
23	33	Repair and installation of machinery and equipment	170	186	183	225	201	254	197	175	
05-23	10-33	Total manufacturing industries	33,825	30,945	29,430	28,886	29,777	31,433	30,199	32,006	
24	35	Electricity, gas, steam and air-conditioning supply	1,368	1,625	1,828	1,734	1,844	2,431	2,456	2,740	
25-26	36-39	Water supply; sewerage, waste management and remediation activities									
25	36	Water collection, treatment and supply	112	128	156	136	144	165	176	172	
26	37-39	Sewerage, waste management and remediation activities	372	541	653	625	734	802	881	802	
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	484	669	810	761	878	967	1,058	974	
04-26	05-39	Total production industries	36,103	33,757	32,518	31,900	33,430	35,755	34,305	36,315	

Table 2 (contd.) Value added at basic prices, 2002-2009

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	B.1g - Value added at basic prices							
			2002	2003	2004	2005	2006	2007	2008	2009
27	41-43	Construction	8,579	9,748	11,779	14,433	17,164	15,465	11,005	5,124
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	1,164	1,087	1,042	1,382	1,433	1,595	1,175	890
29	46	Wholesale trade, except of motor vehicles and motorcycles	5,325	6,226	7,747	8,038	8,995	9,073	7,884	6,743
30	47	Retail trade, except of motor vehicles and motorcycles	4,459	5,201	4,923	5,797	6,110	6,684	7,053	6,208
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	10,947	12,514	13,712	15,216	16,538	17,352	16,112	13,841
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	932	1,293	1,294	1,475	1,943	1,960	2,104	2,063
32	50	Water transport	123	101	178	286	182	217	128	128
33	51	Air transport	1,117	995	1,049	1,219	1,413	1,667	1,087	1,496
34	52	Warehousing and support activities for transportation	950	1,050	1,266	1,217	1,189	1,468	1,205	1,141
35	53	Postal and courier activities	882	1,011	976	868	907	968	928	966
31-35	49-53	Total transportation and storage	4,004	4,451	4,764	5,065	5,634	6,280	5,453	5,795
36	55-56	Accommodation; food and beverage service activities	2,732	3,009	3,047	3,399	3,681	4,041	3,725	3,488
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	2,379	2,760	3,267	3,421	3,463	4,705	4,105	4,351
39	61	Telecommunications	1,567	2,025	2,288	2,377	2,061	2,237	2,628	2,628
40	62-63	Computer programming, consultancy and related activities; information service activities	2,967	3,026	2,839	3,361	3,588	4,936	4,776	3,832
37-40	58-63	Total information and communication	6,913	7,811	8,394	9,158	9,111	11,878	11,508	10,811
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	5,233	6,432	7,549	8,755	10,259	11,261	10,512	10,552
42	65	Insurance, reinsurance and pension funding, except compulsory social security	2,013	3,673	3,583	3,466	3,300	4,089	3,821	3,308
43	66	Activities auxiliary to financial services and insurance activities	1,841	1,691	2,041	2,666	2,713	2,587	1,924	2,589
41-43	64-66	Total financial and insurance activities	9,086	11,796	13,173	14,887	16,272	17,938	16,257	16,449
44	68	Real estate activities	8,608	9,321	9,415	9,749	10,878	11,263	12,986	8,001

Table 2 (contd.) Value added at basic prices, 2002-2009

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	B.1g - Value added at basic prices								
			2002	2003	2004	2005	2006	2007	2008	2009	
28-64	45-99	Service industries (contd.)									
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities									
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	2,042	2,335	2,775	3,294	3,608	3,431	3,075	2,941	
46	71	Architectural and engineering services; technical testing and analysis	817	753	1,013	1,235	1,421	1,084	1,066	846	
47	72	Scientific research and development	130	178	-63	-184	-123	159	312	240	
48	73	Advertising and market research	457	584	661	829	1,003	1,139	907	713	
49	74-75	Other professional, scientific and technical activities; veterinary activities	745	692	852	976	850	915	1,169	905	
50	77	Rental and leasing activities	1,380	1,711	1,792	3,163	3,737	3,929	4,273	4,319	
51	78	Employment activities	283	336	313	557	710	821	644	411	
52	79	Travel agency, tour operator and other reservation services and related activities	319	258	410	530	329	315	114	96	
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	631	880	816	982	1,336	1,643	1,271	1,046	
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	6,803	7,725	8,569	11,381	12,872	13,436	12,831	11,518	
54	84	Public administration and defence; compulsory social security	5,507	6,014	6,644	6,506	7,150	7,707	8,198	7,254	
55	85	Education	4,482	5,090	5,494	6,021	6,799	7,316	7,956	8,412	
56-57	86-88	Human health activities; Social work activities	6,675	7,726	8,653	9,451	10,479	11,259	12,195	12,618	
58-64	90-99	Arts, entertainment and recreation activities and other services									
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	1,086	1,290	1,254	1,214	1,614	1,639	1,505	1,314	
59	93	Sports activities and amusement and recreation activities	604	620	672	870	788	1,050	862	844	
60	94	Activities of membership organisations	295	366	384	410	462	468	516	502	
61	95	Repair of computers and personal and household goods	202	125	124	109	136	77	72	70	
62	96	Other personal service activities	219	343	429	433	468	484	548	598	
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	105	120	118	158	195	254	247	205	
64	99	Activities of extraterritorial organisations and bodies	1	1	1	1	1	2	2	2	
58-64	90-99	Total arts, entertainment and recreation activities and other services	2,511	2,864	2,982	3,196	3,664	3,973	3,751	3,535	
28-64	45-99	Total service industries	68,267	78,320	84,847	94,029	103,079	112,442	110,972	101,722	
01-64	01-99	All NACE economic sectors	115,548	124,434	131,968	142,486	155,335	165,707	157,939	144,191	

Table 3 Output and value added by activity, 2002

			€ million							
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	5,150	619	0	5,770	3,421	2,349	687	3,037
02	02	Forestry and logging	290	0	0	290	165	125	-1	124
03	03	Fishing and aquaculture	365	0	0	365	240	125	-1	123
01-03	01-03	Total agriculture, forestry and fishing	5,805	619	0	6,424	3,826	2,599	685	3,284
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,026	0	0	1,026	600	426	-15	411
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	16,913	0	0	16,913	11,933	4,980	-59	4,921
06	13-15	Manufacture of textiles, wearing apparel and leather products	714	0	0	714	459	254	-12	242
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,579	0	0	1,579	1,176	403	-3	399
08	17	Manufacture of paper and paper products	838	0	0	838	518	320	-2	318
09	18	Printing and reproduction of recorded media	1,819	0	0	1,819	1,224	595	-4	591
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	4,860	0	0	4,860	2,976	1,884	-6	1,877
12	21	Manufacture of pharmaceutical products	27,413	0	0	27,413	11,981	15,432	-38	15,394
13	22	Manufacture of rubber and plastic products	1,194	0	0	1,194	713	481	-9	472
14	23	Manufacture of other non-metallic mineral products	1,978	0	0	1,978	1,180	798	-15	783
15	24	Manufacture of basic metals	380	0	0	380	267	113	-3	110
16	25	Manufacture of fabricated metal products, except machinery and equipment	1,496	0	0	1,496	913	583	-12	571
17	26	Manufacture of computer, electronic and optical products	20,639	0	0	20,639	16,728	3,911	-33	3,879
18	27	Manufacture of electrical equipment	985	0	0	985	664	320	-2	318
19	28	Manufacture of machinery and equipment n.e.c.	2,222	0	0	2,222	1,396	826	-10	816
20	29	Manufacture of motor vehicles, trailers and semi-trailers	620	0	0	620	431	189	-4	185
21	30	Manufacture of other transport equipment	315	0	0	315	195	120	-2	118
22	31-32	Manufacture of furniture; Other manufacturing	5,196	0	0	5,196	2,751	2,445	-10	2,434
23	33	Repair and installation of machinery and equipment	370	0	0	370	200	170	-1	169
05-23	10-33	Total manufacturing industries	89,529	0	0	89,529	55,704	33,825	-226	33,598
24	35	Electricity, gas, steam and air-conditioning supply	2,854	0	0	2,854	1,486	1,368	-82	1,286
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	3	0	218	221	109	112	-20	92
26	37-39	Sewerage, waste management and remediation activities	376	0	489	865	493	372	-77	295
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	379	0	707	1,086	603	484	-96	388
04-26	05-39	Total production industries	93,789	0	707	94,496	58,393	36,103	-420	35,684

Table 3 (contd.) Output and value added by activity, 2002

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	24,878	19	1,081	25,978	17,399	8,579	-23	8,556
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	1,741	0	0	1,741	578	1,164	-10	1,154
29	46	Wholesale trade, except of motor vehicles and motorcycles	9,411	0	0	9,411	4,087	5,325	-53	5,272
30	47	Retail trade, except of motor vehicles and motorcycles	6,652	0	0	6,652	2,194	4,459	-37	4,421
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	17,805	0	0	17,805	6,858	10,947	-100	10,847
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	2,016	0	0	2,016	1,084	932	-64	868
32	50	Water transport	308	0	0	308	185	123	-10	113
33	51	Air transport	2,052	0	0	2,052	935	1,117	-66	1,051
34	52	Warehousing and support activities for transportation	2,192	0	0	2,192	1,243	950	-70	880
35	53	Postal and courier activities	1,142	0	0	1,142	260	882	-36	845
31-35	49-53	Total transportation and storage	7,710	0	0	7,710	3,706	4,004	-246	3,757
36	55-56	Accommodation; food and beverage service activities	6,880	0	0	6,880	4,148	2,732	-57	2,674
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	7,548	0	0	7,548	5,170	2,379	-10	2,369
39	61	Telecommunications	6,913	0	0	6,913	5,345	1,567	-19	1,549
40	62-63	Computer programming, consultancy and related activities; information service activities	8,298	0	0	8,298	5,331	2,967	-36	2,930
37-40	58-63	Total information and communication	22,759	0	0	22,759	15,846	6,913	-64	6,848
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	7,663	0	0	7,663	2,430	5,233	-25	5,208
42	65	Insurance, reinsurance and pension funding, except compulsory social security	8,577	0	0	8,577	6,564	2,013	-28	1,985
43	66	Activities auxiliary to financial services and insurance activities	5,030	0	0	5,030	3,189	1,841	-16	1,825
41-43	64-66	Total financial and insurance activities	21,270	0	0	21,270	12,183	9,086	-69	9,018
44	68	Real estate activities	4,109	8,079	0	12,188	3,580	8,608	-17	8,592

Table 3 (contd.) Output and value added by activity, 2002

		€ million								
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	4,286	0	0	4,286	2,244	2,042	-6	2,037
46	71	Architectural and engineering services; technical testing and analysis	2,541	0	0	2,541	1,724	817	-3	813
47	72	Scientific research and development	331	0	146	477	348	130	-8	121
48	73	Advertising and market research	2,246	0	0	2,246	1,788	457	-5	452
49	74-75	Other professional, scientific and technical activities; veterinary activities	1,429	0	0	1,429	684	745	-3	742
50	77	Rental and leasing activities	3,067	0	0	3,067	1,687	1,380	-12	1,368
51	78	Employment activities	600	0	0	600	318	283	-2	280
52	79	Travel agency, tour operator and other reservation services and related activities	1,934	0	0	1,934	1,615	319	-7	311
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	1,223	0	29	1,252	621	631	-5	626
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	17,657	0	175	17,832	11,029	6,803	-52	6,751
54	84	Public administration and defence; compulsory social security	0	0	7,593	7,593	2,086	5,507	-8	5,499
55	85	Education	459	0	5,634	6,094	1,612	4,482	-9	4,473
56-57	86-88	Human health activities; Social work activities	3,725	0	8,402	12,127	5,452	6,675	-10	6,666
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	1,482	0	267	1,749	663	1,086	-15	1,071
59	93	Sports activities and amusement and recreation activities	1,343	0	32	1,375	771	604	-12	593
60	94	Activities of membership organisations	209	0	445	654	359	295	19	314
61	95	Repair of computers and personal and household goods	530	0	0	530	328	202	15	217
62	96	Other personal service activities	722	0	0	722	503	219	21	239
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	323	0	0	323	218	105	-5	99
64	99	Activities of extraterritorial organisations and bodies	5	0	0	5	4	1	0	1
58-64	90-99	Total arts, entertainment and recreation activities and other services	4,613	0	745	5,358	2,847	2,511	23	2,534
28-64	45-99	Total service industries	106,987	8,079	22,549	137,614	69,347	68,267	-610	67,658
01-64	01-99	All NACE economic sectors	231,459	8,717	24,337	264,513	148,965	115,548	-367	115,181

Table 4 Output and value added by activity, 2003

			€ million							
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	5,146	635	0	5,781	3,482	2,298	575	2,873
02	02	Forestry and logging	432	0	0	432	247	184	-4	180
03	03	Fishing and aquaculture	320	0	0	320	194	126	-3	122
01-03	01-03	Total agriculture, forestry and fishing	5,897	635	0	6,532	3,923	2,608	567	3,176
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,172	0	0	1,172	654	518	-15	503
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	18,147	0	0	18,147	12,360	5,787	-60	5,728
06	13-15	Manufacture of textiles, wearing apparel and leather products	708	0	0	708	478	230	-12	217
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,281	0	0	1,281	874	408	-3	405
08	17	Manufacture of paper and paper products	885	0	0	885	550	335	-2	333
09	18	Printing and reproduction of recorded media	2,058	0	0	2,058	1,497	561	-5	557
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	6,340	0	0	6,340	4,056	2,283	-7	2,276
12	21	Manufacture of pharmaceutical products	24,885	0	0	24,885	13,222	11,663	-38	11,625
13	22	Manufacture of rubber and plastic products	1,350	0	0	1,350	831	519	-9	509
14	23	Manufacture of other non-metallic mineral products	2,172	0	0	2,172	1,271	901	-15	887
15	24	Manufacture of basic metals	439	0	0	439	322	116	-3	113
16	25	Manufacture of fabricated metal products, except machinery and equipment	1,660	0	0	1,660	1,012	647	-12	635
17	26	Manufacture of computer, electronic and optical products	19,700	0	0	19,700	16,225	3,475	-33	3,442
18	27	Manufacture of electrical equipment	991	0	0	991	691	300	-2	298
19	28	Manufacture of machinery and equipment n.e.c.	1,913	0	0	1,913	1,200	713	-10	702
20	29	Manufacture of motor vehicles, trailers and semi-trailers	661	0	0	661	454	207	-5	202
21	30	Manufacture of other transport equipment	284	0	0	284	157	126	-2	124
22	31-32	Manufacture of furniture; Other manufacturing	5,723	0	0	5,723	3,234	2,488	-10	2,478
23	33	Repair and installation of machinery and equipment	393	0	0	393	207	186	-1	185
05-23	10-33	Total manufacturing industries	89,587	0	0	89,587	58,642	30,945	-229	30,716
24	35	Electricity, gas, steam and air-conditioning supply	3,170	0	0	3,170	1,545	1,625	-94	1,531
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	9	0	234	243	115	128	-18	110
26	37-39	Sewerage, waste management and remediation activities	856	0	574	1,430	889	541	-105	436
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	865	0	808	1,673	1,004	669	-123	546
04-26	05-39	Total production industries	94,794	0	808	95,602	61,845	33,757	-461	33,296

Table 4 (contd.) Output and value added by activity, 2003

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	27,277	53	1,154	28,484	18,736	9,748	-25	9,723
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	1,542	0	0	1,542	455	1,087	-8	1,079
29	46	Wholesale trade, except of motor vehicles and motorcycles	11,001	0	0	11,001	4,775	6,226	-60	6,166
30	47	Retail trade, except of motor vehicles and motorcycles	7,829	0	0	7,829	2,628	5,201	-42	5,159
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	20,371	0	0	20,371	7,857	12,514	-111	12,404
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	2,614	0	0	2,614	1,321	1,293	-79	1,214
32	50	Water transport	498	0	0	498	397	101	-15	86
33	51	Air transport	2,067	0	0	2,067	1,072	995	-63	932
34	52	Warehousing and support activities for transportation	2,393	0	0	2,393	1,343	1,050	-73	977
35	53	Postal and courier activities	1,223	0	0	1,223	211	1,011	-37	974
31-35	49-53	Total transportation and storage	8,795	0	0	8,795	4,344	4,451	-267	4,183
36	55-56	Accommodation; food and beverage service activities	7,349	0	0	7,349	4,340	3,009	-57	2,952
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	9,036	0	0	9,036	6,276	2,760	-12	2,748
39	61	Telecommunications	7,982	0	0	7,982	5,957	2,025	-21	2,004
40	62-63	Computer programming, consultancy and related activities; information service activities	8,568	0	0	8,568	5,542	3,026	-36	2,989
37-40	58-63	Total information and communication	25,586	0	0	25,586	17,776	7,811	-69	7,742
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	9,160	0	0	9,160	2,728	6,432	-25	6,408
42	65	Insurance, reinsurance and pension funding, except compulsory social security	11,871	0	0	11,871	8,198	3,673	-32	3,641
43	66	Activities auxiliary to financial services and insurance activities	4,865	0	0	4,865	3,174	1,691	-13	1,678
41-43	64-66	Total financial and insurance activities	25,895	0	0	25,895	14,100	11,796	-70	11,726
44	68	Real estate activities	5,141	8,852	0	13,993	4,673	9,321	-23	9,297

Table 4 (contd.) Output and value added by activity, 2003

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	5,276	0	0	5,276	2,942	2,335	-6	2,329
46	71	Architectural and engineering services; technical testing and analysis	2,719	0	0	2,719	1,967	753	-3	749
47	72	Scientific research and development	323	0	150	473	295	178	-9	169
48	73	Advertising and market research	2,463	0	0	2,463	1,879	584	-5	578
49	74-75	Other professional, scientific and technical activities; veterinary activities	1,514	0	0	1,514	823	692	-3	688
50	77	Rental and leasing activities	2,638	0	0	2,638	927	1,711	-10	1,700
51	78	Employment activities	845	0	0	845	509	336	-3	333
52	79	Travel agency, tour operator and other reservation services and related activities	1,999	0	0	1,999	1,740	258	-8	250
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	1,771	0	29	1,800	920	880	-7	873
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	19,547	0	178	19,726	12,001	7,725	-55	7,670
54	84	Public administration and defence; compulsory social security	0	0	8,127	8,127	2,113	6,014	-9	6,005
55	85	Education	499	0	6,342	6,841	1,751	5,090	-8	5,083
56-57	86-88	Human health activities; Social work activities	4,417	0	9,391	13,808	6,082	7,726	-9	7,717
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	1,941	0	274	2,215	926	1,290	-16	1,274
59	93	Sports activities and amusement and recreation activities	1,602	0	34	1,636	1,016	620	-12	608
60	94	Activities of membership organisations	342	0	475	818	452	366	11	377
61	95	Repair of computers and personal and household goods	379	0	0	379	254	125	5	130
62	96	Other personal service activities	1,080	0	0	1,080	737	343	14	357
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	373	0	0	373	253	120	-6	114
64	99	Activities of extraterritorial organisations and bodies	5	0	0	5	4	1	0	1
58-64	90-99	Total arts, entertainment and recreation activities and other services	5,722	0	783	6,505	3,641	2,864	-4	2,860
28-64	45-99	Total service industries	123,323	8,852	24,822	156,997	78,677	78,320	-681	77,639
01-64	01-99	All NACE economic sectors	251,291	9,540	26,784	287,615	163,181	124,434	-600	123,834

Table 5 Output and value added by activity, 2004

			€ million							
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	5,343	680	0	6,024	3,529	2,495	590	3,085
02	02	Forestry and logging	491	0	0	491	280	211	-1	209
03	03	Fishing and aquaculture	373	0	0	373	254	119	-1	118
01-03	01-03	Total agriculture, forestry and fishing	6,207	680	0	6,887	4,063	2,824	588	3,412
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,113	0	0	1,113	662	451	-16	435
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	17,978	0	0	17,978	12,770	5,209	-63	5,146
06	13-15	Manufacture of textiles, wearing apparel and leather products	583	0	0	583	372	211	-13	197
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,187	0	0	1,187	767	421	-3	418
08	17	Manufacture of paper and paper products	702	0	0	702	432	270	-2	268
09	18	Printing and reproduction of recorded media	2,212	0	0	2,212	1,507	706	-5	700
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	4,614	0	0	4,614	2,988	1,627	-7	1,619
12	21	Manufacture of pharmaceutical products	24,083	0	0	24,083	13,434	10,649	-42	10,607
13	22	Manufacture of rubber and plastic products	1,399	0	0	1,399	847	552	-10	542
14	23	Manufacture of other non-metallic mineral products	2,379	0	0	2,379	1,480	898	-16	882
15	24	Manufacture of basic metals	499	0	0	499	360	139	-4	135
16	25	Manufacture of fabricated metal products, except machinery and equipment	1,804	0	0	1,804	1,067	738	-13	725
17	26	Manufacture of computer, electronic and optical products	20,783	0	0	20,783	16,948	3,835	-35	3,800
18	27	Manufacture of electrical equipment	974	0	0	974	648	327	-2	324
19	28	Manufacture of machinery and equipment n.e.c.	2,044	0	0	2,044	1,224	820	-11	809
20	29	Manufacture of motor vehicles, trailers and semi-trailers	650	0	0	650	446	204	-5	199
21	30	Manufacture of other transport equipment	280	0	0	280	143	137	-2	135
22	31-32	Manufacture of furniture; Other manufacturing	5,687	0	0	5,687	3,181	2,506	-11	2,495
23	33	Repair and installation of machinery and equipment	425	0	0	425	242	183	-1	182
05-23	10-33	Total manufacturing industries	88,285	0	0	88,285	58,855	29,430	-246	29,184
24	35	Electricity, gas, steam and air-conditioning supply	3,866	0	0	3,866	2,038	1,828	-111	1,717
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	9	0	245	254	98	156	-21	135
26	37-39	Sewerage, waste management and remediation activities	750	0	641	1,391	738	653	-116	537
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	759	0	886	1,645	836	810	-137	673
04-26	05-39	Total production industries	94,022	0	886	94,909	62,391	32,518	-509	32,009

Table 5 (contd.) Output and value added by activity, 2004

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	32,865	77	1,078	34,019	22,239	11,779	-28	11,751
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	1,798	0	0	1,798	756	1,042	-9	1,033
29	46	Wholesale trade, except of motor vehicles and motorcycles	14,340	0	0	14,340	6,593	7,747	-72	7,676
30	47	Retail trade, except of motor vehicles and motorcycles	8,216	0	0	8,216	3,294	4,923	-41	4,882
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	24,355	0	0	24,355	10,643	13,712	-122	13,590
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	2,758	0	0	2,758	1,464	1,294	-85	1,209
32	50	Water transport	420	0	0	420	242	178	-13	165
33	51	Air transport	2,434	0	0	2,434	1,385	1,049	-75	974
34	52	Warehousing and support activities for transportation	2,656	0	0	2,656	1,389	1,266	-82	1,185
35	53	Postal and courier activities	1,322	0	0	1,322	346	976	-41	936
31-35	49-53	Total transportation and storage	9,591	0	0	9,591	4,827	4,764	-295	4,469
36	55-56	Accommodation; food and beverage service activities	7,858	0	0	7,858	4,811	3,047	-62	2,985
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	10,788	0	0	10,788	7,521	3,267	-15	3,252
39	61	Telecommunications	6,625	0	0	6,625	4,337	2,288	-24	2,264
40	62-63	Computer programming, consultancy and related activities; information service activities	8,056	0	0	8,056	5,216	2,839	-37	2,802
37-40	58-63	Total information and communication	25,469	0	0	25,469	17,075	8,394	-75	8,318
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	10,151	0	0	10,151	2,602	7,549	-27	7,522
42	65	Insurance, reinsurance and pension funding, except compulsory social security	12,506	0	0	12,506	8,923	3,583	-33	3,550
43	66	Activities auxiliary to financial services and insurance activities	6,300	0	0	6,300	4,258	2,041	-17	2,025
41-43	64-66	Total financial and insurance activities	28,957	0	0	28,957	15,784	13,173	-76	13,097
44	68	Real estate activities	6,651	9,078	0	15,729	6,314	9,415	-30	9,385

Table 5 (contd.) Output and value added by activity, 2004

		€ million								
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	7,003	0	0	7,003	4,228	2,775	-7	2,767
46	71	Architectural and engineering services; technical testing and analysis	2,796	0	0	2,796	1,783	1,013	-3	1,010
47	72	Scientific research and development	286	0	162	448	511	-63	-10	-72
48	73	Advertising and market research	3,288	0	0	3,288	2,627	661	-6	655
49	74-75	Other professional, scientific and technical activities; veterinary activities	1,737	0	0	1,737	885	852	-3	849
50	77	Rental and leasing activities	2,854	0	0	2,854	1,062	1,792	-11	1,781
51	78	Employment activities	904	0	0	904	591	313	-4	309
52	79	Travel agency, tour operator and other reservation services and related activities	2,409	0	0	2,409	1,999	410	-9	400
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	1,671	0	31	1,702	886	816	-7	810
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	22,948	0	193	23,141	14,572	8,569	-60	8,509
54	84	Public administration and defence; compulsory social security	0	0	9,248	9,248	2,604	6,644	-9	6,634
55	85	Education	402	0	6,911	7,313	1,819	5,494	-8	5,486
56-57	86-88	Human health activities; Social work activities	4,727	0	10,239	14,966	6,313	8,653	-9	8,643
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	1,699	0	296	1,995	741	1,254	-17	1,237
59	93	Sports activities and amusement and recreation activities	1,372	0	38	1,411	739	672	-12	660
60	94	Activities of membership organisations	382	0	508	889	506	384	24	408
61	95	Repair of computers and personal and household goods	267	0	0	267	143	124	7	131
62	96	Other personal service activities	839	0	0	839	410	429	23	452
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	443	0	0	443	325	118	-5	114
64	99	Activities of extraterritorial organisations and bodies	2	0	0	2	1	1	0	1
58-64	90-99	Total arts, entertainment and recreation activities and other services	5,004	0	842	5,847	2,865	2,982	20	3,002
28-64	45-99	Total service industries	135,962	9,078	27,433	172,473	87,626	84,847	-727	84,120
01-64	01-99	All NACE economic sectors	269,056	9,835	29,397	308,287	176,319	131,968	-676	131,292

Table 6 Output and value added by activity, 2005

			€ million							
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	4,785	775	0	5,560	3,743	1,818	1,682	3,500
02	02	Forestry and logging	522	0	0	522	321	201	12	213
03	03	Fishing and aquaculture	297	0	0	297	190	106	7	113
01-03	01-03	Total agriculture, forestry and fishing	5,605	775	0	6,379	4,254	2,125	1,701	3,826
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,371	0	0	1,371	852	519	-17	503
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	18,999	0	0	18,999	13,585	5,414	-68	5,346
06	13-15	Manufacture of textiles, wearing apparel and leather products	540	0	0	540	324	216	-14	201
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,279	0	0	1,279	841	438	-3	435
08	17	Manufacture of paper and paper products	632	0	0	632	380	252	-2	251
09	18	Printing and reproduction of recorded media	2,320	0	0	2,320	1,611	709	-6	703
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	5,799	0	0	5,799	3,671	2,128	-8	2,120
12	21	Manufacture of pharmaceutical products	24,380	0	0	24,380	15,155	9,225	-45	9,180
13	22	Manufacture of rubber and plastic products	1,493	0	0	1,493	930	563	-10	553
14	23	Manufacture of other non-metallic mineral products	2,690	0	0	2,690	1,664	1,026	-18	1,008
15	24	Manufacture of basic metals	479	0	0	479	381	98	-4	94
16	25	Manufacture of fabricated metal products, except machinery and equipment	1,888	0	0	1,888	1,149	739	-14	725
17	26	Manufacture of computer, electronic and optical products	22,326	0	0	22,326	18,405	3,921	-38	3,883
18	27	Manufacture of electrical equipment	983	0	0	983	658	324	-3	322
19	28	Manufacture of machinery and equipment n.e.c.	1,949	0	0	1,949	1,204	745	-12	733
20	29	Manufacture of motor vehicles, trailers and semi-trailers	774	0	0	774	544	230	-6	224
21	30	Manufacture of other transport equipment	282	0	0	282	134	149	-2	147
22	31-32	Manufacture of furniture; Other manufacturing	6,089	0	0	6,089	3,606	2,483	-12	2,471
23	33	Repair and installation of machinery and equipment	459	0	0	459	234	225	-1	224
05-23	10-33	Total manufacturing industries	93,362	0	0	93,362	64,476	28,886	-265	28,621
24	35	Electricity, gas, steam and air-conditioning supply	4,704	0	0	4,704	2,971	1,734	-127	1,606
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	11	0	261	272	136	136	-23	114
26	37-39	Sewerage, waste management and remediation activities	954	0	656	1,609	984	625	-133	492
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	965	0	917	1,881	1,120	761	-156	605
04-26	05-39	Total production industries	100,402	0	917	101,319	69,419	31,900	-564	31,336

Table 6 (contd.) Output and value added by activity, 2005

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	38,500	36	1,170	39,705	25,273	14,433	-31	14,402
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	1,866	0	0	1,866	484	1,382	-10	1,372
29	46	Wholesale trade, except of motor vehicles and motorcycles	15,302	0	0	15,302	7,264	8,038	-81	7,957
30	47	Retail trade, except of motor vehicles and motorcycles	8,217	0	0	8,217	2,420	5,797	-44	5,753
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	25,384	0	0	25,384	10,168	15,216	-135	15,081
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	3,029	0	0	3,029	1,555	1,475	-93	1,381
32	50	Water transport	520	0	0	520	234	286	-16	270
33	51	Air transport	3,068	0	0	3,068	1,849	1,219	-95	1,125
34	52	Warehousing and support activities for transportation	2,780	0	0	2,780	1,563	1,217	-86	1,131
35	53	Postal and courier activities	1,374	0	0	1,374	506	868	-42	826
31-35	49-53	Total transportation and storage	10,771	0	0	10,771	5,706	5,065	-332	4,733
36	55-56	Accommodation; food and beverage service activities	7,796	0	0	7,796	4,397	3,399	-65	3,335
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	11,133	0	0	11,133	7,712	3,421	-14	3,407
39	61	Telecommunications	6,272	0	0	6,272	3,895	2,377	-26	2,351
40	62-63	Computer programming, consultancy and related activities; information service activities	11,997	0	0	11,997	8,637	3,361	-41	3,320
37-40	58-63	Total information and communication	29,403	0	0	29,403	20,244	9,158	-81	9,078
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	14,754	0	0	14,754	5,998	8,755	-32	8,723
42	65	Insurance, reinsurance and pension funding, except compulsory social security	13,020	0	0	13,020	9,554	3,466	-28	3,438
43	66	Activities auxiliary to financial services and insurance activities	9,660	0	0	9,660	6,994	2,666	-21	2,645
41-43	64-66	Total financial and insurance activities	37,434	0	0	37,434	22,547	14,887	-81	14,806
44	68	Real estate activities	6,169	9,455	0	15,624	5,874	9,749	-46	9,704

Table 6 (contd.) Output and value added by activity, 2005

€ million

ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	8,395	0	0	8,395	5,102	3,294	-8	3,285
46	71	Architectural and engineering services; technical testing and analysis	2,728	0	0	2,728	1,493	1,235	-3	1,232
47	72	Scientific research and development	420	0	166	586	770	-184	-10	-194
48	73	Advertising and market research	2,743	0	0	2,743	1,914	829	-6	823
49	74-75	Other professional, scientific and technical activities; veterinary activities	2,082	0	0	2,082	1,106	976	-4	971
50	77	Rental and leasing activities	4,920	0	0	4,920	1,757	3,163	-15	3,148
51	78	Employment activities	1,279	0	0	1,279	722	557	-4	553
52	79	Travel agency, tour operator and other reservation services and related activities	2,530	0	0	2,530	2,000	530	-8	522
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	1,634	0	36	1,670	688	982	-5	977
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	26,731	0	202	26,933	15,552	11,381	-63	11,318
54	84	Public administration and defence; compulsory social security	0	0	8,282	8,282	1,776	6,506	-10	6,496
55	85	Education	585	0	7,487	8,072	2,051	6,021	-9	6,012
56-57	86-88	Human health activities; Social work activities	5,182	0	10,409	15,592	6,141	9,451	-10	9,441
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	1,712	0	303	2,015	802	1,214	-17	1,197
59	93	Sports activities and amusement and recreation activities	1,718	0	40	1,758	887	870	-15	856
60	94	Activities of membership organisations	381	0	552	934	523	410	21	431
61	95	Repair of computers and personal and household goods	272	0	0	272	163	109	6	115
62	96	Other personal service activities	849	0	0	849	416	433	19	452
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	488	0	0	488	330	158	-6	153
64	99	Activities of extraterritorial organisations and bodies	5	0	0	5	3	1	0	1
58-64	90-99	Total arts, entertainment and recreation activities and other services	5,426	0	895	6,320	3,125	3,196	9	3,204
28-64	45-99	Total service industries	154,880	9,455	27,274	191,610	97,581	94,029	-822	93,207
01-64	01-99	All NACE economic sectors	299,387	10,266	29,361	339,013	196,527	142,486	284	142,771

Table 7 Output and value added by activity, 2006

			€ million							
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	4,488	863	0	5,351	4,015	1,336	1,831	3,167
02	02	Forestry and logging	531	0	0	531	311	220	-6	214
03	03	Fishing and aquaculture	333	0	0	333	227	106	-4	102
01-03	01-03	Total agriculture, forestry and fishing	5,352	863	0	6,214	4,553	1,662	1,822	3,484
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,993	0	0	1,993	1,062	931	-18	913
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	20,641	0	0	20,641	14,527	6,114	-73	6,041
06	13-15	Manufacture of textiles, wearing apparel and leather products	605	0	0	605	368	237	-16	221
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,533	0	0	1,533	1,070	463	-4	459
08	17	Manufacture of paper and paper products	781	0	0	781	568	213	-2	211
09	18	Printing and reproduction of recorded media	2,132	0	0	2,132	1,584	549	-6	543
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	5,570	0	0	5,570	3,693	1,877	-10	1,867
12	21	Manufacture of pharmaceutical products	24,782	0	0	24,782	15,866	8,917	-51	8,866
13	22	Manufacture of rubber and plastic products	1,683	0	0	1,683	1,063	620	-11	609
14	23	Manufacture of other non-metallic mineral products	3,072	0	0	3,072	1,873	1,199	-20	1,179
15	24	Manufacture of basic metals	583	0	0	583	406	177	-4	173
16	25	Manufacture of fabricated metal products, except machinery and equipment	2,133	0	0	2,133	1,303	830	-15	815
17	26	Manufacture of computer, electronic and optical products	23,973	0	0	23,973	20,201	3,772	-41	3,731
18	27	Manufacture of electrical equipment	1,051	0	0	1,051	718	333	-3	330
19	28	Manufacture of machinery and equipment n.e.c.	2,173	0	0	2,173	1,261	912	-13	899
20	29	Manufacture of motor vehicles, trailers and semi-trailers	782	0	0	782	572	209	-6	203
21	30	Manufacture of other transport equipment	305	0	0	305	158	147	-2	144
22	31-32	Manufacture of furniture; Other manufacturing	6,520	0	0	6,520	3,512	3,007	-13	2,994
23	33	Repair and installation of machinery and equipment	489	0	0	489	288	201	-1	200
05-23	10-33	Total manufacturing industries	98,808	0	0	98,808	69,031	29,777	-291	29,486
24	35	Electricity, gas, steam and air-conditioning supply	5,519	0	0	5,519	3,674	1,844	-146	1,698
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	10	0	295	305	161	144	-26	119
26	37-39	Sewerage, waste management and remediation activities	1,099	0	730	1,830	1,096	734	-154	580
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	1,110	0	1,025	2,135	1,257	878	-179	699
04-26	05-39	Total production industries	107,429	0	1,025	108,454	75,024	33,430	-634	32,797

Table 7 (contd.) Output and value added by activity, 2006

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	46,007	138	1,206	47,350	30,186	17,164	-36	17,128
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	2,138	0	0	2,138	705	1,433	-10	1,423
29	46	Wholesale trade, except of motor vehicles and motorcycles	18,727	0	0	18,727	9,732	8,995	-91	8,904
30	47	Retail trade, except of motor vehicles and motorcycles	9,854	0	0	9,854	3,744	6,110	-48	6,062
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	30,719	0	0	30,719	14,181	16,538	-150	16,389
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	3,523	0	262	3,785	1,841	1,943	-105	1,839
32	50	Water transport	639	0	0	639	457	182	-18	164
33	51	Air transport	4,067	0	0	4,067	2,654	1,413	-112	1,301
34	52	Warehousing and support activities for transportation	2,883	0	0	2,883	1,695	1,189	-80	1,109
35	53	Postal and courier activities	1,532	0	0	1,532	625	907	-42	865
31-35	49-53	Total transportation and storage	12,644	0	262	12,907	7,273	5,634	-357	5,277
36	55-56	Accommodation; food and beverage service activities	8,171	0	0	8,171	4,490	3,681	-70	3,611
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	12,845	0	0	12,845	9,382	3,463	-19	3,444
39	61	Telecommunications	6,034	0	0	6,034	3,974	2,061	-28	2,032
40	62-63	Computer programming, consultancy and related activities; information service activities	15,037	0	0	15,037	11,449	3,588	-46	3,542
37-40	58-63	Total information and communication	33,916	0	0	33,916	24,805	9,111	-92	9,019
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	16,352	0	0	16,352	6,093	10,259	-34	10,224
42	65	Insurance, reinsurance and pension funding, except compulsory social security	14,335	0	0	14,335	11,035	3,300	-30	3,270
43	66	Activities auxiliary to financial services and insurance activities	13,369	0	0	13,369	10,655	2,713	-28	2,686
41-43	64-66	Total financial and insurance activities	44,055	0	0	44,055	27,783	16,272	-92	16,180
44	68	Real estate activities	6,610	10,184	0	16,795	5,917	10,878	-80	10,798

Table 7 (contd.) Output and value added by activity, 2006

		€ million								
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	6,977	0	0	6,977	3,369	3,608	-8	3,600
46	71	Architectural and engineering services; technical testing and analysis	3,543	0	0	3,543	2,121	1,421	-4	1,417
47	72	Scientific research and development	350	0	169	518	641	-123	-11	-134
48	73	Advertising and market research	3,169	0	0	3,169	2,166	1,003	-7	996
49	74-75	Other professional, scientific and technical activities; veterinary activities	1,822	0	0	1,822	972	850	-4	846
50	77	Rental and leasing activities	5,348	0	0	5,348	1,610	3,737	-15	3,722
51	78	Employment activities	1,354	0	0	1,354	644	710	-4	707
52	79	Travel agency, tour operator and other reservation services and related activities	2,299	0	0	2,299	1,970	329	-6	322
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	1,840	0	41	1,881	545	1,336	-5	1,331
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	26,701	0	210	26,910	14,039	12,872	-64	12,808
54	84	Public administration and defence; compulsory social security	0	0	9,214	9,214	2,064	7,150	-10	7,140
55	85	Education	1,020	0	8,056	9,076	2,277	6,799	-13	6,785
56-57	86-88	Human health activities; Social work activities	5,765	0	11,525	17,291	6,812	10,479	-14	10,465
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	2,135	0	331	2,465	851	1,614	-21	1,594
59	93	Sports activities and amusement and recreation activities	1,692	0	45	1,736	949	788	-15	773
60	94	Activities of membership organisations	439	0	566	1,006	544	462	-2	460
61	95	Repair of computers and personal and household goods	382	0	0	382	246	136	-1	135
62	96	Other personal service activities	933	0	0	933	465	468	-2	466
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	621	0	0	621	426	195	-2	193
64	99	Activities of extraterritorial organisations and bodies	3	0	0	3	2	1	0	1
58-64	90-99	Total arts, entertainment and recreation activities and other services	6,205	0	942	7,146	3,482	3,664	-42	3,622
28-64	45-99	Total service industries	175,807	10,184	30,209	216,200	113,121	103,079	-985	102,094
01-64	01-99	All NACE economic sectors	334,595	11,185	32,439	378,219	222,884	155,335	168	155,503

Table 8 Output and value added by activity, 2007

			€ million							
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	4,938	948	0	5,886	4,223	1,663	1,847	3,510
02	02	Forestry and logging	638	0	0	638	386	252	10	262
03	03	Fishing and aquaculture	395	0	0	395	265	131	7	137
01-03	01-03	Total agriculture, forestry and fishing	5,971	948	0	6,919	4,873	2,046	1,864	3,910
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,930	0	0	1,930	1,007	923	-18	906
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	21,887	0	0	21,887	15,652	6,235	-70	6,165
06	13-15	Manufacture of textiles, wearing apparel and leather products	609	0	0	609	379	230	-14	216
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,658	0	0	1,658	1,176	481	-4	477
08	17	Manufacture of paper and paper products	769	0	0	769	503	266	-2	264
09	18	Printing and reproduction of recorded media	1,733	0	0	1,733	1,192	542	-5	537
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	5,926	0	0	5,926	4,144	1,782	-9	1,773
12	21	Manufacture of pharmaceutical products	28,409	0	0	28,409	18,171	10,238	-53	10,185
13	22	Manufacture of rubber and plastic products	1,724	0	0	1,724	1,137	587	-10	576
14	23	Manufacture of other non-metallic mineral products	3,539	0	0	3,539	2,270	1,268	-21	1,247
15	24	Manufacture of basic metals	682	0	0	682	473	208	-4	204
16	25	Manufacture of fabricated metal products, except machinery and equipment	2,476	0	0	2,476	1,512	964	-15	949
17	26	Manufacture of computer, electronic and optical products	22,891	0	0	22,891	19,118	3,773	-41	3,733
18	27	Manufacture of electrical equipment	1,132	0	0	1,132	844	287	-3	284
19	28	Manufacture of machinery and equipment n.e.c.	2,489	0	0	2,489	1,526	963	-13	950
20	29	Manufacture of motor vehicles, trailers and semi-trailers	862	0	0	862	641	221	-6	216
21	30	Manufacture of other transport equipment	352	0	0	352	203	149	-2	147
22	31-32	Manufacture of furniture; Other manufacturing	7,402	0	0	7,402	4,418	2,984	-14	2,970
23	33	Repair and installation of machinery and equipment	607	0	0	607	353	254	-1	253
05-23	10-33	Total manufacturing industries	105,146	0	0	105,146	73,713	31,433	-287	31,145
24	35	Electricity, gas, steam and air-conditioning supply	6,645	0	0	6,645	4,213	2,431	-158	2,273
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	15	0	370	385	219	165	-29	137
26	37-39	Sewerage, waste management and remediation activities	1,390	0	799	2,189	1,387	802	-162	640
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	1,405	0	1,169	2,574	1,606	967	-191	777
04-26	05-39	Total production industries	115,125	0	1,169	116,294	80,539	35,755	-654	35,101

Table 8 (contd.) Output and value added by activity, 2007

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	46,732	26	1,254	48,012	32,547	15,465	-40	15,424
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	2,469	0	0	2,469	874	1,595	-13	1,582
29	46	Wholesale trade, except of motor vehicles and motorcycles	18,579	0	0	18,579	9,506	9,073	-94	8,979
30	47	Retail trade, except of motor vehicles and motorcycles	10,811	0	0	10,811	4,127	6,684	-55	6,629
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	31,859	0	0	31,859	14,507	17,352	-162	17,190
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	3,711	0	251	3,962	2,001	1,960	-114	1,846
32	50	Water transport	701	0	0	701	483	217	-20	197
33	51	Air transport	4,577	0	0	4,577	2,911	1,667	-132	1,535
34	52	Warehousing and support activities for transportation	3,036	0	0	3,036	1,568	1,468	-87	1,380
35	53	Postal and courier activities	1,593	0	0	1,593	625	968	-46	922
31-35	49-53	Total transportation and storage	13,618	0	251	13,868	7,588	6,280	-399	5,881
36	55-56	Accommodation; food and beverage service activities	8,879	0	0	8,879	4,838	4,041	-70	3,971
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	15,524	0	28	15,552	10,847	4,705	-18	4,687
39	61	Telecommunications	7,337	0	0	7,337	5,100	2,237	-31	2,206
40	62-63	Computer programming, consultancy and related activities; information service activities	17,710	0	0	17,710	12,774	4,936	-47	4,889
37-40	58-63	Total information and communication	40,571	0	28	40,599	28,721	11,878	-96	11,782
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	19,376	0	0	19,376	8,115	11,261	-40	11,222
42	65	Insurance, reinsurance and pension funding, except compulsory social security	13,780	0	0	13,780	9,691	4,089	-28	4,061
43	66	Activities auxiliary to financial services and insurance activities	15,291	0	0	15,291	12,703	2,587	-31	2,556
41-43	64-66	Total financial and insurance activities	48,447	0	0	48,447	30,509	17,938	-99	17,839
44	68	Real estate activities	6,826	11,580	0	18,406	7,143	11,263	-92	11,171

Table 8 (contd.) Output and value added by activity, 2007

		€ million								
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	7,042	0	0	7,042	3,611	3,431	-8	3,423
46	71	Architectural and engineering services; technical testing and analysis	3,641	0	0	3,641	2,558	1,084	-4	1,080
47	72	Scientific research and development	866	0	184	1,051	891	159	-11	148
48	73	Advertising and market research	3,725	0	0	3,725	2,586	1,139	-7	1,132
49	74-75	Other professional, scientific and technical activities; veterinary activities	1,946	0	0	1,946	1,031	915	-4	912
50	77	Rental and leasing activities	7,667	0	0	7,667	3,738	3,929	-17	3,912
51	78	Employment activities	1,535	0	0	1,535	714	821	-3	818
52	79	Travel agency, tour operator and other reservation services and related activities	2,101	0	0	2,101	1,786	315	-5	310
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	2,422	0	40	2,462	819	1,643	-6	1,637
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	30,946	0	225	31,170	17,734	13,436	-66	13,370
54	84	Public administration and defence; compulsory social security	0	0	9,895	9,895	2,188	7,707	-11	7,695
55	85	Education	1,031	0	8,810	9,840	2,525	7,316	-12	7,304
56-57	86-88	Human health activities; Social work activities	5,965	0	13,016	18,981	7,722	11,259	-12	11,247
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	2,399	0	369	2,768	1,129	1,639	-19	1,620
59	93	Sports activities and amusement and recreation activities	2,493	0	46	2,539	1,489	1,050	-18	1,032
60	94	Activities of membership organisations	426	0	588	1,014	546	468	18	486
61	95	Repair of computers and personal and household goods	255	0	0	255	178	77	5	82
62	96	Other personal service activities	1,072	0	0	1,072	588	484	19	503
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	758	0	0	758	505	254	-7	247
64	99	Activities of extraterritorial organisations and bodies	6	0	0	6	4	2	0	2
58-64	90-99	Total arts, entertainment and recreation activities and other services	7,409	0	1,003	8,412	4,439	3,973	-2	3,971
28-64	45-99	Total service industries	195,550	11,580	33,227	240,357	127,915	112,442	-1,021	111,421
01-64	01-99	All NACE economic sectors	363,379	12,554	35,650	411,582	245,875	165,707	149	165,856

Table 9 Output and value added by activity, 2008

			€ million							
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	5,032	1,035	0	6,067	4,695	1,372	1,880	3,252
02	02	Forestry and logging	549	0	0	549	344	205	-1	204
03	03	Fishing and aquaculture	313	0	0	313	233	80	0	79
01-03	01-03	Total agriculture, forestry and fishing	5,894	1,035	0	6,929	5,272	1,657	1,879	3,536
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,844	0	0	1,844	1,252	592	-18	575
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	22,020	0	0	22,020	15,826	6,194	-71	6,122
06	13-15	Manufacture of textiles, wearing apparel and leather products	469	0	0	469	304	165	-14	151
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	1,036	0	0	1,036	806	229	-3	226
08	17	Manufacture of paper and paper products	702	0	0	702	524	178	-2	176
09	18	Printing and reproduction of recorded media	2,015	0	0	2,015	1,495	520	-6	514
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	5,751	0	0	5,751	4,331	1,421	-10	1,410
12	21	Manufacture of pharmaceutical products	29,503	0	0	29,503	18,972	10,531	-54	10,476
13	22	Manufacture of rubber and plastic products	1,497	0	0	1,497	1,033	464	-12	452
14	23	Manufacture of other non-metallic mineral products	2,833	0	0	2,833	1,776	1,057	-22	1,035
15	24	Manufacture of basic metals	837	0	0	837	663	175	-5	169
16	25	Manufacture of fabricated metal products, except machinery and equipment	2,308	0	0	2,308	1,494	813	-14	799
17	26	Manufacture of computer, electronic and optical products	20,773	0	0	20,773	17,531	3,243	-41	3,202
18	27	Manufacture of electrical equipment	1,090	0	0	1,090	759	332	-3	329
19	28	Manufacture of machinery and equipment n.e.c.	2,885	0	0	2,885	1,667	1,219	-13	1,206
20	29	Manufacture of motor vehicles, trailers and semi-trailers	691	0	0	691	544	147	-5	142
21	30	Manufacture of other transport equipment	489	0	0	489	259	230	-3	227
22	31-32	Manufacture of furniture; Other manufacturing	8,131	0	0	8,131	5,046	3,085	-15	3,070
23	33	Repair and installation of machinery and equipment	461	0	0	461	264	197	-1	196
05-23	10-33	Total manufacturing industries	103,492	0	0	103,492	73,294	30,199	-295	29,903
24	35	Electricity, gas, steam and air-conditioning supply	7,302	0	0	7,302	4,846	2,456	-174	2,282
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	24	0	389	413	236	176	-29	147
26	37-39	Sewerage, waste management and remediation activities	1,671	0	840	2,511	1,629	881	-179	703
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	1,695	0	1,229	2,923	1,865	1,058	-208	850
04-26	05-39	Total production industries	114,334	0	1,229	115,562	81,258	34,305	-694	33,610

Table 9 (contd.) Output and value added by activity, 2008

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	39,192	651	1,250	41,093	30,088	11,005	-42	10,963
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	2,214	0	0	2,214	1,040	1,175	-12	1,162
29	46	Wholesale trade, except of motor vehicles and motorcycles	17,224	0	0	17,224	9,340	7,884	-96	7,788
30	47	Retail trade, except of motor vehicles and motorcycles	11,929	0	0	11,929	4,876	7,053	-66	6,987
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	31,368	0	0	31,368	15,255	16,112	-174	15,938
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	4,530	0	269	4,799	2,695	2,104	-153	1,952
32	50	Water transport	537	0	0	537	409	128	-17	111
33	51	Air transport	4,852	0	0	4,852	3,765	1,087	-154	933
34	52	Warehousing and support activities for transportation	3,599	0	0	3,599	2,394	1,205	-114	1,091
35	53	Postal and courier activities	1,782	0	0	1,782	853	928	-57	871
31-35	49-53	Total transportation and storage	15,299	0	269	15,568	10,116	5,453	-495	4,958
36	55-56	Accommodation; food and beverage service activities	9,683	0	0	9,683	5,957	3,725	-73	3,653
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	15,955	0	40	15,994	11,890	4,105	-19	4,086
39	61	Telecommunications	6,159	0	0	6,159	3,531	2,628	-31	2,597
40	62-63	Computer programming, consultancy and related activities; information service activities	20,004	0	0	20,004	15,228	4,776	-54	4,721
37-40	58-63	Total information and communication	42,117	0	40	42,157	30,649	11,508	-105	11,404
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	15,110	0	0	15,110	4,597	10,512	-40	10,473
42	65	Insurance, reinsurance and pension funding, except compulsory social security	14,308	0	0	14,308	10,488	3,821	-37	3,783
43	66	Activities auxiliary to financial services and insurance activities	10,600	0	0	10,600	8,676	1,924	-28	1,896
41-43	64-66	Total financial and insurance activities	40,018	0	0	40,018	23,761	16,257	-105	16,152
44	68	Real estate activities	5,172	12,563	0	17,735	4,750	12,986	-102	12,884

Table 9 (contd.) Output and value added by activity, 2008

		€ million								
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	6,917	0	0	6,917	3,843	3,075	-8	3,067
46	71	Architectural and engineering services; technical testing and analysis	4,086	0	0	4,086	3,019	1,066	-4	1,062
47	72	Scientific research and development	798	0	194	993	681	312	-12	300
48	73	Advertising and market research	3,137	0	0	3,137	2,231	907	-6	901
49	74-75	Other professional, scientific and technical activities; veterinary activities	2,592	0	0	2,592	1,423	1,169	-5	1,164
50	77	Rental and leasing activities	8,887	0	0	8,887	4,614	4,273	-19	4,254
51	78	Employment activities	1,838	0	0	1,838	1,195	644	-4	640
52	79	Travel agency, tour operator and other reservation services and related activities	1,913	0	0	1,913	1,799	114	-4	110
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	3,263	0	40	3,303	2,032	1,271	-7	1,264
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	33,432	0	235	33,667	20,835	12,831	-69	12,763
54	84	Public administration and defence; compulsory social security	0	0	9,745	9,745	1,547	8,198	-12	8,186
55	85	Education	1,327	0	9,284	10,612	2,656	7,956	-12	7,944
56-57	86-88	Human health activities; Social work activities	7,104	0	14,118	21,222	9,027	12,195	-13	12,182
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	2,854	0	387	3,241	1,736	1,505	-24	1,481
59	93	Sports activities and amusement and recreation activities	2,049	0	50	2,099	1,237	862	-16	846
60	94	Activities of membership organisations	505	0	618	1,123	607	516	5	520
61	95	Repair of computers and personal and household goods	215	0	0	215	144	72	1	72
62	96	Other personal service activities	1,169	0	0	1,169	621	548	5	553
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	675	0	0	675	428	247	-5	242
64	99	Activities of extraterritorial organisations and bodies	5	0	0	5	3	2	0	2
58-64	90-99	Total arts, entertainment and recreation activities and other services	7,472	0	1,055	8,527	4,776	3,751	-34	3,717
28-64	45-99	Total service industries	192,991	12,563	34,747	240,301	129,329	110,972	-1,193	109,779
01-64	01-99	All NACE economic sectors	352,411	14,250	37,225	403,886	245,947	157,939	-50	157,889

Table 10 Output and value added by activity, 2009

		€ million								
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
01-03	01-03	Agriculture, forestry and fishing								
01	01	Crop and animal production, hunting and related service activities	4,106	839	0	4,945	4,185	760	1,821	2,581
02	02	Forestry and logging	438	0	0	438	251	187	2	190
03	03	Fishing and aquaculture	316	0	0	316	233	83	2	85
01-03	01-03	Total agriculture, forestry and fishing	4,860	839	0	5,699	4,669	1,030	1,825	2,856
04-26	05-39	Production industries								
04	05-09	Mining and quarrying	1,314	0	0	1,314	719	594	-17	577
05-23	10-33	Manufacturing industries								
05	10-12	Manufacture of food products, beverages and tobacco products	20,357	0	0	20,357	14,467	5,890	-70	5,820
06	13-15	Manufacture of textiles, wearing apparel and leather products	443	0	0	443	287	156	-14	142
07	16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	700	0	0	700	545	154	-3	152
08	17	Manufacture of paper and paper products	514	0	0	514	354	160	-2	158
09	18	Printing and reproduction of recorded media	1,643	0	0	1,643	1,146	497	-7	490
10-11	19-20	Manufacture of coke and refined petroleum products; Chemical industry	3,597	0	0	3,597	2,630	967	-10	957
12	21	Manufacture of pharmaceutical products	35,249	0	0	35,249	21,305	13,944	-56	13,888
13	22	Manufacture of rubber and plastic products	1,298	0	0	1,298	896	402	-14	388
14	23	Manufacture of other non-metallic mineral products	1,798	0	0	1,798	1,257	541	-19	522
15	24	Manufacture of basic metals	419	0	0	419	277	142	-4	138
16	25	Manufacture of fabricated metal products, except machinery and equipment	1,701	0	0	1,701	1,119	582	-15	566
17	26	Manufacture of computer, electronic and optical products	19,683	0	0	19,683	16,264	3,419	-40	3,378
18	27	Manufacture of electrical equipment	635	0	0	635	327	308	-3	305
19	28	Manufacture of machinery and equipment n.e.c.	2,439	0	0	2,439	1,518	921	-13	908
20	29	Manufacture of motor vehicles, trailers and semi-trailers	521	0	0	521	390	131	-4	126
21	30	Manufacture of other transport equipment	363	0	0	363	224	139	-3	136
22	31-32	Manufacture of furniture; Other manufacturing	8,557	0	0	8,557	5,078	3,479	-16	3,464
23	33	Repair and installation of machinery and equipment	362	0	0	362	186	175	-1	175
05-23	10-33	Total manufacturing industries	100,278	0	0	100,278	68,272	32,006	-294	31,712
24	35	Electricity, gas, steam and air-conditioning supply	6,589	0	0	6,589	3,849	2,740	-205	2,535
25-26	36-39	Water supply; sewerage, waste management and remediation activities								
25	36	Water collection, treatment and supply	58	0	369	427	254	172	-40	133
26	37-39	Sewerage, waste management and remediation activities	1,334	0	796	2,130	1,328	802	-198	603
25-26	36-39	Total water supply; sewerage, waste management and remediation activities	1,392	0	1,164	2,557	1,583	974	-238	736
04-26	05-39	Total production industries	109,573	0	1,164	110,737	74,423	36,315	-755	35,560

Table 10 (contd.) Output and value added by activity, 2009

€ million										
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
27	41-43	Construction	19,481	25	1,092	20,598	15,474	5,124	-41	5,083
28-64	45-99	Service industries								
28-30	45-47	Wholesale and retail trade; repair of motor vehicles and motorcycles								
28	45	Wholesale and retail trade and repair of motor vehicles and motorcycles	1,675	0	0	1,675	785	890	-10	880
29	46	Wholesale trade, except of motor vehicles and motorcycles	15,584	0	0	15,584	8,841	6,743	-94	6,649
30	47	Retail trade, except of motor vehicles and motorcycles	11,005	0	0	11,005	4,797	6,208	-66	6,141
28-30	45-47	Total wholesale and retail trade; repair of motor vehicles and motorcycles	28,264	0	0	28,264	14,423	13,841	-170	13,671
31-35	49-53	Transportation and storage								
31	49	Land transport and transport via pipelines	3,790	0	270	4,059	1,996	2,063	-156	1,907
32	50	Water transport	479	0	0	479	351	128	-18	110
33	51	Air transport	4,569	0	0	4,569	3,073	1,496	-176	1,320
34	52	Warehousing and support activities for transportation	2,982	0	0	2,982	1,841	1,141	-115	1,027
35	53	Postal and courier activities	1,574	0	0	1,574	607	966	-61	906
31-35	49-53	Total transportation and storage	13,393	0	270	13,663	7,868	5,795	-527	5,269
36	55-56	Accommodation; food and beverage service activities	8,378	0	0	8,378	4,890	3,488	-74	3,414
37-40	58-63	Information and communication								
37-38	58-60	Publishing, audiovisual and broadcasting activities	13,642	0	39	13,681	9,329	4,351	-20	4,332
39	61	Telecommunications	5,448	0	0	5,448	2,820	2,628	-35	2,593
40	62-63	Computer programming, consultancy and related activities; information service activities	21,594	0	0	21,594	17,762	3,832	-62	3,770
37-40	58-63	Total information and communication	40,683	0	39	40,722	29,911	10,811	-117	10,694
41-43	64-66	Financial and insurance activities								
41	64	Financial service activities, except insurance and pension funding	16,125	0	0	16,125	5,572	10,552	-45	10,507
42	65	Insurance, reinsurance and pension funding, except compulsory social security	11,027	0	0	11,027	7,719	3,308	-31	3,278
43	66	Activities auxiliary to financial services and insurance activities	11,429	0	0	11,429	8,840	2,589	-32	2,557
41-43	64-66	Total financial and insurance activities	38,580	0	0	38,580	22,131	16,449	-107	16,342
44	68	Real estate activities	4,460	10,554	0	15,014	7,013	8,001	-102	7,899

Table 10 (contd.) Output and value added by activity, 2009

		€ million								
ESA A64 code	NACE Rev. 2 (division)	Industry	P.11 Market output	P.12 Output for own final use	P.13 Other non-market output	P.1 Total output at basic prices	P.2 Intermediate consumption	B.1g Value added at basic prices	D.29 - D.39 Non product taxes less subsidies	B.1fc Value added at factor cost
28-64	45-99	Service industries (contd.)								
45-53	69-82	Professional, scientific and technical activities; administrative and support service activities								
45	69-70	Legal and accounting activities; activities of head offices; management consultancy activities	6,060	0	0	6,060	3,118	2,941	-8	2,934
46	71	Architectural and engineering services; technical testing and analysis	3,238	0	0	3,238	2,392	846	-4	842
47	72	Scientific research and development	816	0	181	997	757	240	-11	229
48	73	Advertising and market research	2,367	0	0	2,367	1,654	713	-6	707
49	74-75	Other professional, scientific and technical activities; veterinary activities	2,164	0	0	2,164	1,259	905	-5	900
50	77	Rental and leasing activities	8,475	0	0	8,475	4,155	4,319	-18	4,301
51	78	Employment activities	1,225	0	0	1,225	813	411	-3	408
52	79	Travel agency, tour operator and other reservation services and related activities	1,570	0	0	1,570	1,474	96	-3	92
53	80-82	Security and investigation activities; services to buildings and landscape activities; office administrative, office support and other business support activities	2,897	0	41	2,938	1,892	1,046	-6	1,039
45-53	69-82	Total professional, scientific and technical activities; administrative and support service activities	28,811	0	221	29,033	17,515	11,518	-65	11,452
54	84	Public administration and defence; compulsory social security	0	0	8,912	8,912	1,659	7,254	-11	7,242
55	85	Education	1,845	0	9,433	11,277	2,865	8,412	-11	8,401
56-57	86-88	Human health activities; Social work activities	7,807	0	14,136	21,943	9,325	12,618	-12	12,606
58-64	90-99	Arts, entertainment and recreation activities and other services								
58	90-92	Creative, arts and entertainment activities; libraries, archives, museums and other cultural activities; gambling and betting activities	2,595	0	367	2,962	1,648	1,314	-25	1,288
59	93	Sports activities and amusement and recreation activities	1,840	0	44	1,883	1,039	844	-16	828
60	94	Activities of membership organisations	428	0	653	1,080	579	502	7	509
61	95	Repair of computers and personal and household goods	173	0	0	173	103	70	1	71
62	96	Other personal service activities	1,127	0	0	1,127	528	598	8	606
63	97-98	Activities of households as employers of domestic personnel; undifferentiated goods- and services-producing activities of households for own use	431	0	0	431	227	205	-3	202
64	99	Activities of extraterritorial organisations and bodies	10	0	0	10	8	2	0	2
58-64	90-99	Total arts, entertainment and recreation activities and other services	6,603	0	1,063	7,666	4,132	3,535	-28	3,507
28-64	45-99	Total service industries	178,825	10,554	34,074	223,453	121,732	101,722	-1,225	100,497
01-64	01-99	All NACE economic sectors	312,740	11,417	36,331	360,488	216,297	144,191	-195	143,996

Background Notes

Introduction This release presents the results of the calculation of Gross Domestic Product (GDP) by the CSO using the Output Method for the years 2002 to 2009.

The Output Method (also known as the Production Approach) is an alternative approach to the estimation of GDP and over time these new estimates will be integrated into the National Income and Expenditure (NIE) publications. These estimates of GDP using the Output Method are compiled in line with the European System of Accounts 1995 (ESA95). This is transitional work to enable the CSO to meet the requirements of the European System of Accounts 2010 (ESA2010), which will come into effect in 2014.

Methodology The purpose of the Output Method is to cover and describe production as an economic activity. The basic elements are output, intermediate consumption and value added (output less intermediate consumption).

Output includes production of goods and services supplied or intended for supply to units other than their producers, including those used up in the production process. Also included are own-account production of goods retained by their producers for their own final consumption or gross fixed capital formation and own-account production of housing services produced by owner-occupiers.

Excluded from the production boundary are domestic and personal services produced and consumed within the same household.

The underlying definitions used are those of the ESA95. The methodology used is described in the ESA95 manual.

CSO data sources The following published sources are used in the compilation of the Output and Value Added tables. They can all be found on the CSO website www.cso.ie

- Annual Services Inquiry
- Balance of International Payments
- Census of Building and Construction
- Census of Industrial Production
- Fishery Statistics
- Household Budget Survey
- National Income and Expenditure
- Output, Input and Income in Agriculture
- Quarterly National Household Survey

Other data sources Considerable use is made of published reports of government departments, semi-state bodies and financial institutions. Company accounts and administrative records are also used.

Classifications The activity classification used is NACE Rev. 2. For National Accounts purposes, the economy is classified by 64 activities using this Eurostat ESA95 A64 coding scheme. Some activities have to be combined due to confidentiality. The corresponding NACE Rev. 2 division codes are also shown.

Definitions **Output at basic prices** covers the value of all goods produced for sale, including unsold goods, and all receipts for services rendered. Output furthermore covers the market equivalent of goods and services produced for own use, such as own account capital formation, services of owner-occupied dwellings and agricultural products produced by farmers for own consumption. The output of such goods is estimated by valuing the quantities produced against the price that the producer would have received if these goods had been sold.

Output is valued at basic prices, defined as the price received by the producer excluding trade and transport margins and the balance of taxes and subsidies on products. This is the price the producer is ultimately left with.

Some special cases:

- *Distributive trade, i.e. retail / wholesale trade in goods where no physical transformation occurs.* The value of these services is the difference between the sales value and the purchase value of traded goods.
- *Real estate activities not only include services of non-residential buildings and rented dwellings, but also of owner-occupied dwellings.* The latter are valued on the basis of rents of comparable rented dwellings.

- *Banking mainly deals with financial intermediation, i.e. the acquisition, transformation and issuing of financial assets.* The compensation for these services is implicitly included in the interest paid to and received from banks. The value of these imputed bank services is calculated as the margin received by banks on loans and paid by banks on deposits.
- *Insurance and pension funding mainly transforms individual risk into collective risk.* The value of these services is set as the difference between contributions and benefits. In the case of pension funds and life insurance companies, corrections are made for changes in actuarial reserves.
- *Government mainly produces collective services.* Since there are no market prices available, government output is determined from production costs and is estimated as the total of intermediate consumption, compensation of employees, consumption of fixed capital and taxes on production paid by the government itself.

Market output is the output of goods and services sold at economically significant prices.

Non-market output is the output of own account production of goods and services provided free or at prices that are not economically significant. Non-market output is produced mainly by the general government and non-profit institutions serving households (NPISH) sectors.

Output for own final use is the production of output for final consumption or gross fixed capital formation by the producer. This is also known as own-account production.

Intermediate consumption at market prices includes all goods and services used up in the production process in the accounting period, regardless of the date of purchase. This includes for example fuel, raw materials, semi-manufactured goods, communication services, cleansing services and audits by accountants. Intermediate consumption is valued at purchasers' prices, excluding deductible Value Added Tax (VAT). For companies, which do not need to charge VAT on their sales, the VAT paid on their purchases is non-deductible. It is therefore recorded as a component of intermediate consumption.

Not included in intermediate consumption are:

- Purchases of goods by retail / wholesale enterprises which are resold without undergoing any processing.
- Purchases of goods used in the production process with a life span of more than one year. These purchases are recorded as fixed capital formation. The use of these goods is spread over their economic life span and recorded as consumption of fixed capital.

Gross Value Added (GVA) is conceptually the same aggregate as Gross Domestic Product (GDP). They both measure the added value generated in an economy by the production of goods and services. The difference between the two concepts is that GDP is measured after including product taxes (e.g. excise duties, non deductible VAT, etc.) and deducting product subsidies while GVA is measured prior to adding product taxes but includes product subsidies. GVA can be computed for industrial groups and can be looked upon as the sum of wages and profits (compensation of employees and operating surplus in national accounts terminology) in each industry group.

Gross Domestic Product at market prices is the final result of the production activity of resident producer units. It is the sum of the gross value added of the various industries plus taxes and less subsidies on products. It is presented in the accounts at market (or purchasers') prices.

Net Domestic Product equals Gross Domestic Product minus consumption of fixed capital.

Value added at basic prices is the value generated by any unit engaged in production and the contributions of individual sectors or industries to gross domestic product. It is measured at basic prices, excluding taxes less subsidies on products. Value added at basic prices by industry is equal to the difference between output (basic prices) and intermediate consumption (purchasers' prices).

Value added at factor cost is calculated as follows:

	Value added at basic prices
<i>minus</i>	Non product taxes
<i>plus</i>	Non product subsidies
=	Value added at factor cost

Consumption of fixed capital represents the depreciation of the stock of produced fixed assets as a result of normal technical and economic ageing and insurable accidental damage. The consumption of fixed capital is the depreciation of the net stock of produced fixed assets during the year not caused by revaluations because of price changes, new fixed capital formation or discarding of fixed assets.

Taxes on production and imports are compulsory payments to the government and the European Union (EU), which are related to production, imports and to the use of production factors. Taxes on production and imports are classified into taxes on products and other taxes on production.

Taxes on products are related to the value or the volume of products. They are levied on domestically produced or transacted products and on imported products. Taxes on products include taxes on domestic products, taxes on imports and VAT.

Other taxes on production include all taxes on production paid by producers, not related to the value or volume of products produced or transacted. Examples are rates and licences.

Subsidies are current payments from the government or the EU to producers with the objective to influence output prices, employment or the remuneration of production factors. Subsidies include subsidies on products and other subsidies on production.

Subsidies on products are related to the value or the volume of products. They can be separated into subsidies on domestic products and subsidies on imports.

Other subsidies on production include all subsidies on production paid to producers, not related to the value or volume of products domestically produced or transacted. These consist mainly of certain payments to farmers, e.g. Rural Environment Protection Scheme (REPS).

Compensation of employees is the total remuneration paid by employers to their employees in return for work done. Employees are all residents and non-residents working in a paid job. Managing directors of limited companies are considered to be employees; therefore, their salaries are also included in the compensation of employees. The same holds for people working in sheltered workshops. Compensation of employees includes both wages and salaries and employers' social contributions.

Gross operating surplus by industry is the balance that remains after deducting from the value added (basic prices) the compensation of employees and the balance of other taxes and subsidies on production. The operating surplus of the self-employed is called mixed income, because it includes compensation for work done by the owners and their family members. Net operating surplus / mixed income remains after deducting consumption of fixed capital from gross operating surplus / mixed income.