



## National Accounts Output and Value Added by Activity 2002-2006

**Components of output  
(at market prices), 2002-2006**

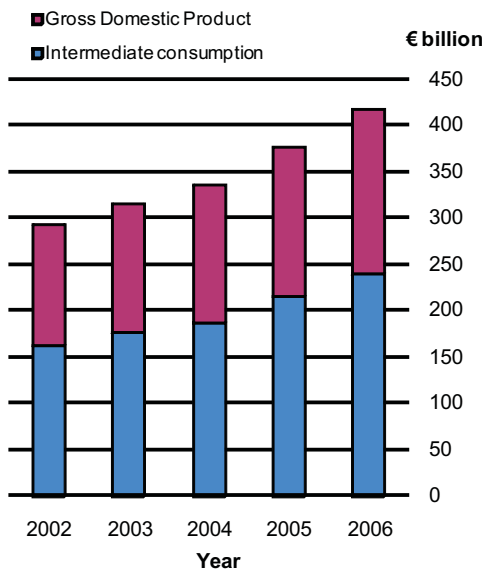


Table 1 Production account

|  | € million      |                |
|--|----------------|----------------|
|  | 2005           | 2006           |
| <b>Resources</b>                                 |                |                |
| P.1 Output                                       |                |                |
| P.11 Market output                               | 315,422        | 349,969        |
| P.12 Output for own final use                    | 11,347         | 12,682         |
| P.13 Other non-market output                     | 29,224         | 32,497         |
| P.1 Total Output                                 | 355,992        | 395,148        |
| D.21 Taxes on products                           | 20,655         | 23,364         |
| -D.31 less Subsidies on products                 | -1,678         | -1,289         |
| <b>Total resources (output at market prices)</b> | <b>374,969</b> | <b>417,223</b> |
| <b>Uses</b>                                      |                |                |
| P.2 Intermediate consumption                     | 213,668        | 239,441        |
| <b>B.1*g Gross Domestic Product</b>              | <b>161,301</b> | <b>177,782</b> |
| <b>Total uses</b>                                | <b>374,969</b> | <b>417,223</b> |

Note: In this table Gross Domestic Product is given at market prices.

### Output exceeds €400 billion in 2006

Output (the value of all goods and services) at market prices for the total economy was €417.2 billion in 2006. In the same year Intermediate Consumption totalled €239.4 billion which, when deducted from Output, resulted in Gross Domestic Product (GDP) at market prices of €177.8 billion. These results are based on estimates using the Output Method (Production Approach) of estimating GDP (see next page).

There was an 11.3% increase in Output at market prices from 2005 to 2006, with GDP increasing by 10.2% in the same period. Intermediate Consumption accounted for 57.0% of Output in 2005 and 57.4% in 2006.

The GDP figures for 2005 and 2006 given in this release are broadly consistent with the figures published in National Income and Expenditure 2007. The reasons for any remaining differences are set out on the next page.

Some of the main features of the results are:

- The main constituents of output at basic prices in 2006 were Service Industries at €215.8 billion (54.6% of the total), Production Industries at €121.0 billion (30.6%), Construction at €51.5 billion (13.0%) and Agriculture at €6.8 billion (1.7%). *See table 6.*
- Output for Construction increased by €7.4 billion (16.8%) from 2005 to 2006. *See tables 5 and 6.*
- Output for Transport, Storage and Communication increased by €4.7 billion (22.8%) from 2005 to 2006. *See tables 5 and 6.*
- Gross value added at factor cost for Wholesale and Retail Trade rose from €14.6 billion in 2005 to €16.7 billion in 2006, an increase of 14.2%. *See tables 5 and 6.*

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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 over time these new estimates will be integrated into the NIE publications. **These estimates of GDP using the Output Method should be considered to be experimental.**

The Output Method largely takes its data from the CSO's annual Structural Business Surveys (SBS), i.e. Annual Service Inquiry, Census of Building and Construction and Census of Industrial Production. During the Output Method compilation, an examination was 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 2007 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 2 Output and value added by activity, 2002**

|   |  | € million             |                                  |                                 |                                     |                                 |                                     |   |                                     |
|---|--|-----------------------|----------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---|-------------------------------------|
| NACE (A60)  | Industry   | P.11<br>Market output | P.12<br>Output for own final use | P.13<br>Other non-market output | P.1<br>Total output at basic prices | P.2<br>Intermediate consumption | B.1g<br>Value added at basic prices | D.29 - D.39<br>Non product taxes less subsidies | B.1fc<br>Value added at factor cost |
| <b>01-05 Agriculture, hunting, forestry and fishing</b> |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 01  | Agriculture, hunting and related service activities                                | 5,527                 | 619                              | 0                               | 6,146                               | 3,461                           | 2,685                               | -306  | 2,991                               |
| 02  | Forestry, logging and related service activities                                   | 259                   | 0                                | 0                               | 259                                 | 168                             | 90                                  | -28   | 118                                 |
| 05  | Fishing, fish farming and related service activities                               | 365                   | 0                                | 0                               | 365                                 | 222                             | 143                                 | -10   | 153                                 |
| 01-05   | Total agriculture, hunting, forestry and fishing                                   | 6,151                 | 619                              | 0                               | 6,770                               | 3,851                           | 2,918                               | -344  | 3,262                               |
| <b>10-41 Production industries</b>                      |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-14 Mining and quarrying                              |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-13   | Mining and quarrying (NACE 10 - 13)  | 395                   | 2                                | 0                               | 397                                 | 231                             | 166                                 | 14  | 152                                 |
| 14  | Other mining and quarrying (NACE 14)   | 827                   | 6                                | 0                               | 834                                 | 576                             | 257                                 | 15  | 242                                 |
| 10-14   | Total mining and quarrying   | 1,222                 | 8                                | 0                               | 1,231                               | 807                             | 424                                 | 29  | 394                                 |
| ω   | 15-36 Manufacturing industries   |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 15  | Food products and beverages  | 17,638                | 3                                | 0                               | 17,642                              | 12,173                          | 5,468                               | 124   | 5,344                               |
| 16  | Tobacco products   | 401                   | 0                                | 0                               | 401                                 | 133                             | 268                                 | 3   | 265                                 |
| 17  | Textiles   | 610                   | 0                                | 0                               | 611                                 | 388                             | 223                                 | 11  | 212                                 |
| 18  | Wearing apparel; dressing and dyeing of fur  | 287                   | 0                                | 0                               | 287                                 | 178                             | 109                                 | 5   | 104                                 |
| 19  | Leather and leather products   | 78                    | 0                                | 0                               | 78                                  | 57                              | 21                                  | 16  | 5                                   |
| 20  | Wood and wood products   | 1,095                 | 1                                | 0                               | 1,096                               | 744                             | 352                                 | 4   | 348                                 |
| 21  | Pulp, paper and paper products   | 706                   | 0                                | 0                               | 706                                 | 439                             | 267                                 | 1   | 266                                 |
| 22  | Publishing, printing and reproduction of recorded media                            | 10,203                | 2                                | 0                               | 10,205                              | 7,084                           | 3,122                               | 13  | 3,108                               |
| 23, 36  | Coke, refined petroleum products, nuclear fuel; furniture and manufacturing n.e.c. | 2,176                 | 0                                | 0                               | 2,176                               | 1,615                           | 562                                 | 15  | 547                                 |
| 24  | Chemicals and chemical products  | 31,949                | 3                                | 0                               | 31,952                              | 14,794                          | 17,158                              | 11  | 17,147                              |
| 25  | Rubber and plastic products  | 1,219                 | 0                                | 0                               | 1,219                               | 758                             | 462                                 | 12  | 449                                 |
| 26  | Other non-metallic mineral products  | 1,822                 | 1                                | 0                               | 1,823                               | 1,070                           | 753                                 | 14  | 739                                 |
| 27  | Basic metals   | 438                   | 0                                | 0                               | 438                                 | 283                             | 155                                 | 3   | 152                                 |
| 28  | Fabricated metal products, except machinery and equipment                          | 2,024                 | 1                                | 0                               | 2,025                               | 1,277                           | 748                                 | 13  | 736                                 |
| 29  | Machinery and equipment n.e.c.   | 2,258                 | 8                                | 0                               | 2,265                               | 1,334                           | 931                                 | 5   | 926                                 |
| 30  | Office machinery and computers   | 15,849                | 0                                | 0                               | 15,849                              | 13,940                          | 1,909                               | 7   | 1,903                               |
| 31  | Electrical machinery and apparatus n.e.c.  | 3,134                 | 0                                | 0                               | 3,134                               | 2,718                           | 417                                 | 1   | 416                                 |
| 32  | Radio, television and communication equipment and apparatus                        | 3,881                 | 1                                | 0                               | 3,881                               | 2,319                           | 1,562                               | 2   | 1,561                               |
| 33  | Medical, precision and optical instruments, watches and clocks                     | 5,087                 | 2                                | 0                               | 5,088                               | 2,742                           | 2,346                               | 2   | 2,344                               |
| 34  | Motor vehicles, trailers and semi-trailers   | 553                   | 0                                | 0                               | 553                                 | 376                             | 177                                 | 5   | 171                                 |
| 35  | Other transport equipment  | 495                   | 0                                | 0                               | 495                                 | 276                             | 220                                 | 5   | 215                                 |
| 15-36   | Total manufacturing industries   | 101,902               | 23                               | 0                               | 101,924                             | 64,697                          | 37,228                              | 271   | 36,957                              |

**Table 2 (contd.) Output and value added by activity, 2002**

|             |   | € million   |                                     |                                       |   |                                    |   |   |  |
|-------------|---|---|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60 | Industry  | P.11<br>Market<br>output  | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| 10-41       | Production industries (contd.)  |   |                                     |                                       |   |                                    |   |   |  |
| 37-41       | Recycling; electricity, gas and water supply  |   |                                     |                                       |   |                                    |   |   |  |
| 37          | Recycling   | 168   | 0                                   | 0                                     | 168                                       | 112                                | 56  | 1   | 56                                     |
| 40          | Electricity, gas, steam and hot water supply  | 2,634   | 358                                 | 0                                     | 2,992                                     | 1,810                              | 1,182                                     | 9   | 1,173                                  |
| 41          | Collection, purification and distribution of water  | 9   | 0                                   | 226                                   | 235                                       | 64                                 | 171                                       | 1   | 171                                    |
| 37-41       | Total recycling; electricity, gas and water supply  | 2,812   | 358                                 | 226                                   | 3,396                                     | 1,986                              | 1,410                                     | 10  | 1,399                                  |
| 10-41       | Total production industries   | 105,936   | 389                                 | 226                                   | 106,551                                   | 67,490                             | 39,061                                    | 310   | 38,751                                 |
| 45          | <b>Construction</b>   | 28,044  | 21                                  | 761                                   | 28,825                                    | 19,844                             | 8,981                                     | 15  | 8,966                                  |
| 50-99       | <b>Service industries</b>   |   |                                     |                                       |   |                                    |   |   |  |
| 4           | 50-52   | Wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods |                                     |                                       |   |                                    |   |   |  |
|             | 50  | 4,574   | 0                                   | 0                                     | 4,574                                     | 3,063                              | 1,511                                     | 56  | 1,455                                  |
|             | 51  | 9,081   | 0                                   | 0                                     | 9,081                                     | 4,227                              | 4,854                                     | 111   | 4,742                                  |
|             | 52  | 13,645  | 0                                   | 0                                     | 13,645                                    | 8,919                              | 4,726                                     | 167   | 4,559                                  |
| 50-52       | Total wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods | 27,299  | 0                                   | 0                                     | 27,299                                    | 16,208                             | 11,091                                    | 334   | 10,757                                 |
| 55          | Hotels and restaurants  | 7,959   | 0                                   | 0                                     | 7,959                                     | 5,234                              | 2,725                                     | 91  | 2,634                                  |
| 60-64       | Transport, storage and communication  |   |                                     |                                       |   |                                    |   |   |  |
| 60          | Land transport  | 3,435   | 0                                   | 0                                     | 3,435                                     | 2,046                              | 1,390                                     | 16  | 1,374                                  |
| 61-62       | Water and air transport   | 2,385   | 0                                   | 0                                     | 2,385                                     | 1,330                              | 1,055                                     | 11  | 1,044                                  |
| 63          | Supporting and auxiliary transport activities, activities of travel agencies                          | 3,378   | 0                                   | 0                                     | 3,378                                     | 2,449                              | 929                                       | 16  | 913                                    |
| 64          | Post and telecommunications   | 8,510   | 0                                   | 0                                     | 8,510                                     | 6,071                              | 2,439                                     | 40  | 2,399                                  |
| 60-64       | Total transport, storage and communication  | 17,708  | 0                                   | 0                                     | 17,708                                    | 11,896                             | 5,812                                     | 82  | 5,730                                  |
| 65-67       | Financial intermediation  |   |                                     |                                       |   |                                    |   |   |  |
| 65          | Financial intermediation, except insurance and pension funding  | 8,999   | 0                                   | 0                                     | 8,999                                     | 3,972                              | 5,027                                     | 22  | 5,004                                  |
| 66          | Insurance and pension funding, except compulsory social security                                      | 7,938   | 0                                   | 0                                     | 7,938                                     | 5,578                              | 2,360                                     | 20  | 2,340                                  |
| 67          | Other financial intermediation  | 4,243   | 0                                   | 0                                     | 4,243                                     | 2,481                              | 1,762                                     | 11  | 1,752                                  |
| 65-67       | Total financial intermediation  | 21,180  | 0                                   | 0                                     | 21,180                                    | 12,031                             | 9,149                                     | 53  | 9,096                                  |

**Table 2 (contd.) Output and value added by activity, 2002**

|  |   | € million                |                                     |                                       |   |                                    |   |   |  |
|--|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60                              | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| <b>50-99 Service industries (contd.)</b> |   |                          |                                     |                                       |   |                                    |   |   |  |
| 70-74                                    | Real estate, renting and business activities  |                          |                                     |                                       |   |                                    |   |   |  |
| 70                                       | Real estate activities  | 3,880                    | 8,079                               | 0                                     | 11,959                                    | 2,730                              | 9,229                                     | -3  | 9,232                                  |
| 71                                       | Renting of machinery and equipment without operator and of personal and household goods | 3,002                    | 0                                   | 0                                     | 3,002                                     | 1,620                              | 1,383                                     | -1  | 1,383                                  |
| 72                                       | Computer and related activities   | 6,097                    | 0                                   | 0                                     | 6,097                                     | 4,216                              | 1,881                                     | -2  | 1,883                                  |
| 73                                       | Research and development  | 149                      | 0                                   | 75                                    | 224                                       | 95                                 | 129                                       | 0   | 129                                    |
| 74                                       | Other business activities   | 8,527                    | 0                                   | 75                                    | 8,602                                     | 4,156                              | 4,446                                     | -2  | 4,448                                  |
| 70-74                                    | Total real estate, renting and business activities                                      | 21,655                   | 8,079                               | 150                                   | 29,884                                    | 12,816                             | 17,067                                    | -8  | 17,075                                 |
| 75                                       | Public administration and defence; compulsory social security                           | 0                        | 0                                   | 6,918                                 | 6,918                                     | 2,579                              | 4,338                                     | 0   | 4,338                                  |
| 80                                       | Education   | 556                      | 0                                   | 5,601                                 | 6,157                                     | 1,545                              | 4,612                                     | 30  | 4,582                                  |
| 85                                       | Health and social work  | 2,219                    | 0                                   | 8,658                                 | 10,877                                    | 4,086                              | 6,791                                     | 30  | 6,761                                  |
| 90-99                                    | Other service industries  |                          |                                     |                                       |   |                                    |   |   |  |
| 90                                       | Sewage and refuse disposal, sanitation and similar activities                           | 297                      | 0                                   | 481                                   | 777                                       | 320                                | 457                                       | 2   | 456                                    |
| 91                                       | Activities of membership organizations n.e.c.   | 205                      | 0                                   | 460                                   | 665                                       | 306                                | 358                                       | 1   | 357                                    |
| 92                                       | Recreational, cultural and sporting activities  | 4,556                    | 0                                   | 337                                   | 4,892                                     | 2,838                              | 2,054                                     | 10  | 2,044                                  |
| 93                                       | Other service activities  | 1,694                    | 0                                   | 0                                     | 1,694                                     | 1,019                              | 675                                       | 4   | 671                                    |
| 95                                       | Activities of households as employers of domestic staff                                 | 82                       | 0                                   | 0                                     | 82  | 0                                  | 83  | 0   | 83                                     |
| 99                                       | Extra-territorial organizations and bodies  | 1                        | 0                                   | 1                                     | 1   | 0                                  | 1   | 0   | 1                                      |
| 90-99                                    | Total other service industries  | 6,834                    | 0                                   | 1,278                                 | 8,112                                     | 4,483                              | 3,628                                     | 17  | 3,612                                  |
| 50-99                                    | Total service industries  | 105,410                  | 8,079                               | 22,605                                | 136,094                                   | 70,879                             | 65,215                                    | 630   | 64,585                                 |
| 01-99                                    | <b>All NACE economic sectors</b>  | 245,540                  | 9,108                               | 23,592                                | 278,240                                   | 162,065                            | 116,175                                   | 611   | 115,565                                |

**Table 3 Output and value added by activity, 2003**

|   |  | € million             |                                  |                                 |                                     |                                 |                                     |   |                                     |
|---|--|-----------------------|----------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---|-------------------------------------|
| NACE (A60)  | Industry   | P.11<br>Market output | P.12<br>Output for own final use | P.13<br>Other non-market output | P.1<br>Total output at basic prices | P.2<br>Intermediate consumption | B.1g<br>Value added at basic prices | D.29 - D.39<br>Non product taxes less subsidies | B.1fc<br>Value added at factor cost |
| <b>01-05 Agriculture, hunting, forestry and fishing</b> |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 01  | Agriculture, hunting and related service activities                                | 5,636                 | 635                              | 0                               | 6,271                               | 3,524                           | 2,748                               | -285  | 3,032                               |
| 02  | Forestry, logging and related service activities                                   | 353                   | 0                                | 0                               | 353                                 | 216                             | 137                                 | 8   | 129                                 |
| 05  | Fishing, fish farming and related service activities                               | 320                   | 0                                | 0                               | 320                                 | 189                             | 131                                 | -9  | 140                                 |
| 01-05   | Total agriculture, hunting, forestry and fishing                                   | 6,308                 | 635                              | 0                               | 6,943                               | 3,928                           | 3,016                               | -285  | 3,300                               |
| <b>10-41 Production industries</b>                      |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-14 Mining and quarrying                              |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-13   | Mining and quarrying (NACE 10 - 13)  | 476                   | 2                                | 0                               | 478                                 | 267                             | 212                                 | 17  | 195                                 |
| 14  | Other mining and quarrying (NACE 14)   | 815                   | 7                                | 0                               | 822                                 | 555                             | 267                                 | 16  | 251                                 |
| 10-14   | Total mining and quarrying   | 1,292                 | 9                                | 0                               | 1,300                               | 821                             | 479                                 | 33  | 446                                 |
| o   | 15-36 Manufacturing industries   |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 15  | Food products and beverages  | 18,858                | 7                                | 0                               | 18,865                              | 12,738                          | 6,127                               | 142   | 5,985                               |
| 16  | Tobacco products   | 399                   | 0                                | 0                               | 399                                 | 129                             | 270                                 | 3   | 267                                 |
| 17  | Textiles   | 480                   | 0                                | 0                               | 480                                 | 324                             | 156                                 | 11  | 145                                 |
| 18  | Wearing apparel; dressing and dyeing of fur  | 288                   | 0                                | 0                               | 288                                 | 171                             | 117                                 | 7   | 110                                 |
| 19  | Leather and leather products   | 82                    | 0                                | 0                               | 82                                  | 57                              | 25                                  | 18  | 7                                   |
| 20  | Wood and wood products   | 1,193                 | 1                                | 0                               | 1,193                               | 828                             | 365                                 | 5   | 360                                 |
| 21  | Pulp, paper and paper products   | 777                   | 0                                | 0                               | 777                                 | 478                             | 300                                 | 1   | 299                                 |
| 22  | Publishing, printing and reproduction of recorded media                            | 11,634                | 2                                | 0                               | 11,637                              | 7,870                           | 3,767                               | 15  | 3,752                               |
| 23, 36  | Coke, refined petroleum products, nuclear fuel; furniture and manufacturing n.e.c. | 2,329                 | 0                                | 0                               | 2,329                               | 1,684                           | 645                                 | 17  | 628                                 |
| 24  | Chemicals and chemical products  | 29,491                | 8                                | 0                               | 29,499                              | 15,649                          | 13,850                              | 13  | 13,837                              |
| 25  | Rubber and plastic products  | 1,606                 | 1                                | 0                               | 1,607                               | 1,005                           | 602                                 | 19  | 583                                 |
| 26  | Other non-metallic mineral products  | 2,006                 | 2                                | 0                               | 2,008                               | 1,165                           | 843                                 | 16  | 827                                 |
| 27  | Basic metals   | 419                   | 0                                | 0                               | 419                                 | 296                             | 123                                 | 3   | 120                                 |
| 28  | Fabricated metal products, except machinery and equipment                          | 2,209                 | 2                                | 0                               | 2,211                               | 1,407                           | 804                                 | 15  | 789                                 |
| 29  | Machinery and equipment n.e.c.   | 2,168                 | 3                                | 0                               | 2,171                               | 1,356                           | 814                                 | 6   | 809                                 |
| 30  | Office machinery and computers   | 14,813                | 79                               | 0                               | 14,891                              | 13,060                          | 1,831                               | 8   | 1,823                               |
| 31  | Electrical machinery and apparatus n.e.c.  | 3,143                 | 1                                | 0                               | 3,144                               | 2,821                           | 323                                 | 2   | 322                                 |
| 32  | Radio, television and communication equipment and apparatus                        | 3,341                 | 0                                | 0                               | 3,341                               | 2,034                           | 1,307                               | 2   | 1,305                               |
| 33  | Medical, precision and optical instruments, watches and clocks                     | 5,515                 | 0                                | 0                               | 5,515                               | 3,099                           | 2,416                               | 3   | 2,413                               |
| 34  | Motor vehicles, trailers and semi-trailers   | 635                   | 1                                | 0                               | 636                                 | 428                             | 208                                 | 7   | 201                                 |
| 35  | Other transport equipment  | 491                   | 0                                | 0                               | 492                                 | 251                             | 240                                 | 5   | 235                                 |
| 15-36   | Total manufacturing industries   | 101,875               | 107                              | 0                               | 101,982                             | 66,851                          | 35,131                              | 315   | 34,816                              |

**Table 3 (contd.) Output and value added by activity, 2003**

|             |   | € million                |                                     |                                       |   |                                    |   |   |  |
|-------------|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60 | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| 10-41       | Production industries (contd.)  |                          |                                     |                                       |   |                                    |   |   |  |
| 37-41       | Recycling; electricity, gas and water supply  |                          |                                     |                                       |   |                                    |   |   |  |
| 37          | Recycling   | 227                      | 0                                   | 0                                     | 227                                       | 152                                | 75  | 1   | 74                                     |
| 40          | Electricity, gas, steam and hot water supply  | 2,544                    | 600                                 | 0                                     | 3,144                                     | 1,662                              | 1,482                                     | 10  | 1,472                                  |
| 41          | Collection, purification and distribution of water  | 21                       | 0                                   | 249                                   | 271                                       | 75                                 | 196                                       | 1   | 195                                    |
| 37-41       | Total recycling; electricity, gas and water supply  | 2,793                    | 600                                 | 249                                   | 3,642                                     | 1,889                              | 1,753                                     | 12  | 1,741                                  |
| 10-41       | Total production industries   | 105,960                  | 715                                 | 249                                   | 106,924                                   | 69,561                             | 37,363                                    | 360   | 37,003                                 |
| 45          | <b>Construction</b>   | 30,766                   | 58                                  | 769                                   | 31,594                                    | 21,551                             | 10,043                                    | 14  | 10,030                                 |
| 50-99       | <b>Service industries</b>   |                          |                                     |                                       |   |                                    |   |   |  |
| 50-52       | Wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods       |                          |                                     |                                       |   |                                    |   |   |  |
| 50          | Motor trades  | 4,867                    | 0                                   | 0                                     | 4,867                                     | 3,289                              | 1,578                                     | 58  | 1,519                                  |
| 51          | Wholesale trade   | 10,868                   | 0                                   | 0                                     | 10,868                                    | 5,539                              | 5,329                                     | 130   | 5,198                                  |
| 52          | Retail trade  | 15,047                   | 0                                   | 0                                     | 15,047                                    | 9,841                              | 5,206                                     | 180   | 5,026                                  |
| 50-52       | Total wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods | 30,782                   | 0                                   | 0                                     | 30,782                                    | 18,669                             | 12,113                                    | 369   | 11,744                                 |
| 55          | Hotels and restaurants  | 8,647                    | 0                                   | 0                                     | 8,647                                     | 5,766                              | 2,881                                     | 100   | 2,780                                  |
| 60-64       | Transport, storage and communication  |                          |                                     |                                       |   |                                    |   |   |  |
| 60          | Land transport  | 4,067                    | 0                                   | 0                                     | 4,067                                     | 2,459                              | 1,608                                     | 18  | 1,590                                  |
| 61-62       | Water and air transport   | 2,716                    | 0                                   | 0                                     | 2,716                                     | 1,776                              | 939                                       | 12  | 928                                    |
| 63          | Supporting and auxiliary transport activities, activities of travel agencies                          | 4,245                    | 0                                   | 0                                     | 4,245                                     | 3,104                              | 1,142                                     | 19  | 1,123                                  |
| 64          | Post and telecommunications   | 10,244                   | 0                                   | 0                                     | 10,244                                    | 7,174                              | 3,070                                     | 45  | 3,024                                  |
| 60-64       | Total transport, storage and communication  | 21,272                   | 0                                   | 0                                     | 21,272                                    | 14,513                             | 6,758                                     | 94  | 6,665                                  |
| 65-67       | Financial intermediation  |                          |                                     |                                       |   |                                    |   |   |  |
| 65          | Financial intermediation, except insurance and pension funding  | 10,404                   | 0                                   | 0                                     | 10,404                                    | 5,003                              | 5,401                                     | 25  | 5,377                                  |
| 66          | Insurance and pension funding, except compulsory social security                                      | 11,014                   | 0                                   | 0                                     | 11,014                                    | 7,083                              | 3,931                                     | 26  | 3,905                                  |
| 67          | Other financial intermediation  | 4,048                    | 0                                   | 0                                     | 4,048                                     | 1,919                              | 2,128                                     | 10  | 2,119                                  |
| 65-67       | Total financial intermediation  | 25,466                   | 0                                   | 0                                     | 25,466                                    | 14,004                             | 11,461                                    | 60  | 11,401                                 |

**Table 3 (contd.) Output and value added by activity, 2003**

|  |   | € million                |                                     |                                       |   |                                    |   |   |  |
|--|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60                              | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| <b>50-99 Service industries (contd.)</b> |   |                          |                                     |                                       |   |                                    |   |   |  |
| 70-74                                    | Real estate, renting and business activities  |                          |                                     |                                       |   |                                    |   |   |  |
| 70                                       | Real estate activities  | 5,078                    | 8,924                               | 0                                     | 14,002                                    | 3,796                              | 10,206                                    | -2  | 10,208                                 |
| 71                                       | Renting of machinery and equipment without operator and of personal and household goods | 2,541                    | 0                                   | 0                                     | 2,541                                     | 859                                | 1,682                                     | 0   | 1,682                                  |
| 72                                       | Computer and related activities   | 5,553                    | 0                                   | 0                                     | 5,553                                     | 3,833                              | 1,721                                     | -1  | 1,721                                  |
| 73                                       | Research and development  | 299                      | 0                                   | 76                                    | 375                                       | 186                                | 189                                       | 0   | 189                                    |
| 74                                       | Other business activities   | 9,455                    | 0                                   | 76                                    | 9,531                                     | 4,778                              | 4,753                                     | -2  | 4,755                                  |
| 70-74                                    | Total real estate, renting and business activities                                      | 22,926                   | 8,924                               | 153                                   | 32,002                                    | 13,452                             | 18,550                                    | -5  | 18,556                                 |
| 75                                       | Public administration and defence; compulsory social security                           | 0                        | 0                                   | 7,182                                 | 7,182                                     | 2,533                              | 4,649                                     | 0   | 4,649                                  |
| 80                                       | Education   | 886                      | 0                                   | 6,386                                 | 7,272                                     | 2,063                              | 5,209                                     | 31  | 5,178                                  |
| 85                                       | Health and social work  | 2,884                    | 0                                   | 9,652                                 | 12,537                                    | 4,652                              | 7,885                                     | 31  | 7,854                                  |
| 90-99                                    | Other service industries  |                          |                                     |                                       |   |                                    |   |   |  |
| 90                                       | Sewage and refuse disposal, sanitation and similar activities                           | 552                      | 0                                   | 576                                   | 1,128                                     | 530                                | 598                                       | 4   | 593                                    |
| 91                                       | Activities of membership organizations n.e.c.   | 347                      | 0                                   | 488                                   | 835                                       | 409                                | 426                                       | 3   | 423                                    |
| 92                                       | Recreational, cultural and sporting activities  | 4,735                    | 0                                   | 345                                   | 5,081                                     | 3,126                              | 1,954                                     | 19  | 1,935                                  |
| 93                                       | Other service activities  | 2,350                    | 0                                   | 0                                     | 2,350                                     | 1,303                              | 1,047                                     | 9   | 1,038                                  |
| 95                                       | Activities of households as employers of domestic staff                                 | 94                       | 0                                   | 0                                     | 94  | 0                                  | 94  | 0   | 94                                     |
| 99                                       | Extra-territorial organizations and bodies  | 1                        | 0                                   | 1                                     | 1   | 0                                  | 1   | 0   | 1                                      |
| 90-99                                    | Total other service industries  | 8,080                    | 0                                   | 1,409                                 | 9,489                                     | 5,369                              | 4,120                                     | 36  | 4,084                                  |
| 50-99                                    | Total service industries  | 120,942                  | 8,924                               | 24,782                                | 154,648                                   | 81,022                             | 73,626                                    | 716   | 72,910                                 |
| 01-99                                    | <b>All NACE economic sectors</b>  | 263,976                  | 10,333                              | 25,801                                | 300,110                                   | 176,061                            | 124,048                                   | 804   | 123,244                                |



**Table 4 Output and value added by activity, 2004**

|   |  | € million             |                                  |                                 |                                     |                                 |                                     |   |                                     |
|---|--|-----------------------|----------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---|-------------------------------------|
| NACE (A60)  | Industry   | P.11<br>Market output | P.12<br>Output for own final use | P.13<br>Other non-market output | P.1<br>Total output at basic prices | P.2<br>Intermediate consumption | B.1g<br>Value added at basic prices | D.29 - D.39<br>Non product taxes less subsidies | B.1fc<br>Value added at factor cost |
| <b>01-05 Agriculture, hunting, forestry and fishing</b> |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 01  | Agriculture, hunting and related service activities                                | 5,768                 | 680                              | 0                               | 6,448                               | 3,590                           | 2,858                               | -299  | 3,157                               |
| 02  | Forestry, logging and related service activities                                   | 378                   | 0                                | 0                               | 378                                 | 232                             | 146                                 | 10  | 136                                 |
| 05  | Fishing, fish farming and related service activities                               | 373                   | 0                                | 0                               | 373                                 | 235                             | 137                                 | -8  | 145                                 |
| 01-05   | Total agriculture, hunting, forestry and fishing                                   | 6,518                 | 680                              | 0                               | 7,198                               | 4,057                           | 3,141                               | -298  | 3,439                               |
| <b>10-41 Production industries</b>                      |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-14 Mining and quarrying                              |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-13   | Mining and quarrying (NACE 10 - 13)  | 532                   | 2                                | 0                               | 534                                 | 274                             | 261                                 | 20  | 241                                 |
| 14  | Other mining and quarrying (NACE 14)   | 835                   | 8                                | 0                               | 843                                 | 589                             | 254                                 | 17  | 237                                 |
| 10-14   | Total mining and quarrying   | 1,367                 | 10                               | 0                               | 1,377                               | 862                             | 515                                 | 37  | 478                                 |
| 15-36   | Manufacturing industries   |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 15  | Food products and beverages  | 18,126                | 10                               | 0                               | 18,136                              | 12,693                          | 5,442                               | 161   | 5,281                               |
| 16  | Tobacco products   | 185                   | 0                                | 0                               | 185                                 | 97                              | 88                                  | 2   | 86                                  |
| 17  | Textiles   | 394                   | 0                                | 0                               | 394                                 | 250                             | 144                                 | 12  | 132                                 |
| 18  | Wearing apparel; dressing and dyeing of fur  | 292                   | 0                                | 0                               | 292                                 | 173                             | 119                                 | 9   | 110                                 |
| 19  | Leather and leather products   | 49                    | 0                                | 0                               | 49                                  | 33                              | 16                                  | 20  | -4                                  |
| 20  | Wood and wood products   | 1,227                 | 0                                | 0                               | 1,227                               | 792                             | 435                                 | 5   | 430                                 |
| 21  | Pulp, paper and paper products   | 782                   | 0                                | 0                               | 782                                 | 464                             | 318                                 | 1   | 317                                 |
| 22  | Publishing, printing and reproduction of recorded media                            | 13,292                | 3                                | 0                               | 13,295                              | 9,007                           | 4,288                               | 18  | 4,271                               |
| 23, 36  | Coke, refined petroleum products, nuclear fuel; furniture and manufacturing n.e.c. | 2,452                 | 1                                | 0                               | 2,453                               | 1,870                           | 583                                 | 19  | 564                                 |
| 24  | Chemicals and chemical products  | 27,965                | 7                                | 0                               | 27,972                              | 15,645                          | 12,327                              | 17  | 12,310                              |
| 25  | Rubber and plastic products  | 1,448                 | 0                                | 0                               | 1,448                               | 867                             | 581                                 | 21  | 560                                 |
| 26  | Other non-metallic mineral products  | 2,133                 | 1                                | 0                               | 2,134                               | 1,317                           | 816                                 | 18  | 799                                 |
| 27  | Basic metals   | 452                   | 0                                | 0                               | 452                                 | 307                             | 145                                 | 3   | 142                                 |
| 28  | Fabricated metal products, except machinery and equipment                          | 2,196                 | 1                                | 0                               | 2,197                               | 1,364                           | 833                                 | 16  | 817                                 |
| 29  | Machinery and equipment n.e.c.   | 2,015                 | 1                                | 0                               | 2,015                               | 1,231                           | 784                                 | 6   | 778                                 |
| 30  | Office machinery and computers   | 15,825                | 0                                | 0                               | 15,825                              | 13,819                          | 2,006                               | 9   | 1,998                               |
| 31  | Electrical machinery and apparatus n.e.c.  | 3,420                 | 1                                | 0                               | 3,421                               | 3,082                           | 339                                 | 2   | 337                                 |
| 32  | Radio, television and communication equipment and apparatus                        | 2,943                 | 0                                | 0                               | 2,943                               | 1,512                           | 1,431                               | 2   | 1,430                               |
| 33  | Medical, precision and optical instruments, watches and clocks                     | 5,107                 | 3                                | 0                               | 5,110                               | 2,845                           | 2,264                               | 3   | 2,262                               |
| 34  | Motor vehicles, trailers and semi-trailers   | 606                   | 1                                | 0                               | 607                                 | 400                             | 208                                 | 7   | 200                                 |
| 35  | Other transport equipment  | 467                   | 0                                | 0                               | 467                                 | 232                             | 235                                 | 6   | 229                                 |
| 15-36   | Total manufacturing industries   | 101,375               | 28                               | 0                               | 101,404                             | 68,000                          | 33,404                              | 356   | 33,048                              |

**Table 4 (contd.) Output and value added by activity, 2004**

|             |   | € million                |                                     |                                       |   |                                    |   |   |  |
|-------------|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60 | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| 10-41       | Production industries (contd.)  |                          |                                     |                                       |   |                                    |   |   |  |
| 37-41       | Recycling; electricity, gas and water supply  |                          |                                     |                                       |   |                                    |   |   |  |
| 37          | Recycling   | 155                      | 0                                   | 0                                     | 155                                       | 104                                | 51  | 1   | 51                                     |
| 40          | Electricity, gas, steam and hot water supply  | 2,606                    | 961                                 | 0                                     | 3,568                                     | 1,847                              | 1,721                                     | 12  | 1,709                                  |
| 41          | Collection, purification and distribution of water  | 15                       | 0                                   | 267                                   | 282                                       | 77                                 | 204                                       | 1   | 204                                    |
| 37-41       | Total recycling; electricity, gas and water supply  | 2,777                    | 962                                 | 267                                   | 4,005                                     | 2,028                              | 1,977                                     | 13  | 1,963                                  |
| 10-41       | Total production industries   | 105,519                  | 1,001                               | 267                                   | 106,786                                   | 70,891                             | 35,895                                    | 406   | 35,489                                 |
| 45          | <b>Construction</b>   | 36,825                   | 85                                  | 814                                   | 37,723                                    | 25,895                             | 11,828                                    | 15  | 11,813                                 |
| 50-99       | <b>Service industries</b>   |                          |                                     |                                       |   |                                    |   |   |  |
| 50-52       | Wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods       |                          |                                     |                                       |   |                                    |   |   |  |
| 50          | Motor trades  | 4,742                    | 0                                   | 0                                     | 4,742                                     | 3,417                              | 1,325                                     | 60  | 1,264                                  |
| 51          | Wholesale trade   | 13,421                   | 0                                   | 0                                     | 13,421                                    | 6,174                              | 7,246                                     | 170   | 7,076                                  |
| 52          | Retail trade  | 14,401                   | 0                                   | 0                                     | 14,401                                    | 9,793                              | 4,608                                     | 183   | 4,426                                  |
| 50-52       | Total wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods | 32,564                   | 0                                   | 0                                     | 32,564                                    | 19,385                             | 13,179                                    | 413   | 12,766                                 |
| 55          | Hotels and restaurants  | 8,842                    | 0                                   | 0                                     | 8,842                                     | 5,850                              | 2,992                                     | 112   | 2,881                                  |
| 60-64       | Transport, storage and communication  |                          |                                     |                                       |   |                                    |   |   |  |
| 60          | Land transport  | 3,894                    | 0                                   | 0                                     | 3,894                                     | 2,379                              | 1,515                                     | 21  | 1,494                                  |
| 61-62       | Water and air transport   | 2,753                    | 0                                   | 0                                     | 2,753                                     | 1,749                              | 1,004                                     | 15  | 989                                    |
| 63          | Supporting and auxiliary transport activities, activities of travel agencies                          | 5,176                    | 0                                   | 0                                     | 5,176                                     | 3,303                              | 1,874                                     | 28  | 1,845                                  |
| 64          | Post and telecommunications   | 7,714                    | 0                                   | 0                                     | 7,714                                     | 4,948                              | 2,767                                     | 42  | 2,725                                  |
| 60-64       | Total transport, storage and communication  | 19,537                   | 0                                   | 0                                     | 19,537                                    | 12,378                             | 7,159                                     | 106   | 7,053                                  |
| 65-67       | Financial intermediation  |                          |                                     |                                       |   |                                    |   |   |  |
| 65          | Financial intermediation, except insurance and pension funding  | 11,508                   | 0                                   | 0                                     | 11,508                                    | 4,463                              | 7,044                                     | 27  | 7,018                                  |
| 66          | Insurance and pension funding, except compulsory social security                                      | 11,716                   | 0                                   | 0                                     | 11,716                                    | 7,697                              | 4,020                                     | 27  | 3,993                                  |
| 67          | Other financial intermediation  | 5,843                    | 0                                   | 0                                     | 5,843                                     | 3,831                              | 2,012                                     | 13  | 1,998                                  |
| 65-67       | Total financial intermediation  | 29,067                   | 0                                   | 0                                     | 29,067                                    | 15,991                             | 13,076                                    | 67  | 13,009                                 |

**Table 4 (contd.) Output and value added by activity, 2004**

|  |   | € million                |                                     |                                       |   |                                    |   |   |  |
|--|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60                              | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| <b>50-99 Service industries (contd.)</b> |   |                          |                                     |                                       |   |                                    |   |   |  |
| 70-74                                    | Real estate, renting and business activities  |                          |                                     |                                       |   |                                    |   |   |  |
| 70                                       | Real estate activities  | 7,644                    | 9,224                               | 0                                     | 16,868                                    | 5,586                              | 11,282                                    | -1  | 11,283                                 |
| 71                                       | Renting of machinery and equipment without operator and of personal and household goods | 2,729                    | 0                                   | 0                                     | 2,729                                     | 971                                | 1,758                                     | 0   | 1,758                                  |
| 72                                       | Computer and related activities   | 5,467                    | 0                                   | 0                                     | 5,467                                     | 3,254                              | 2,213                                     | 0   | 2,213                                  |
| 73                                       | Research and development  | 214                      | 0                                   | 84                                    | 298                                       | 308                                | -10                                       | 0   | -10                                    |
| 74                                       | Other business activities   | 11,140                   | 0                                   | 84                                    | 11,224                                    | 5,915                              | 5,309                                     | -1  | 5,310                                  |
| 70-74                                    | Total real estate, renting and business activities                                      | 27,193                   | 9,224                               | 168                                   | 36,585                                    | 16,033                             | 20,552                                    | -2  | 20,554                                 |
| 75                                       | Public administration and defence; compulsory social security                           | 0                        | 0                                   | 7,624                                 | 7,624                                     | 2,484                              | 5,140                                     | 0   | 5,140                                  |
| 80                                       | Education   | 420                      | 0                                   | 7,001                                 | 7,421                                     | 1,865                              | 5,556                                     | 40  | 5,515                                  |
| 85                                       | Health and social work  | 3,743                    | 0                                   | 10,498                                | 14,241                                    | 5,351                              | 8,890                                     | 40  | 8,850                                  |
| 90-99                                    | Other service industries  |                          |                                     |                                       |   |                                    |   |   |  |
| 90                                       | Sewage and refuse disposal, sanitation and similar activities                           | 1,001                    | 0                                   | 656                                   | 1,658                                     | 892                                | 766                                       | 8   | 758                                    |
| 91                                       | Activities of membership organizations n.e.c.   | 390                      | 0                                   | 556                                   | 947                                       | 448                                | 499                                       | 4   | 494                                    |
| 92                                       | Recreational, cultural and sporting activities  | 5,262                    | 0                                   | 380                                   | 5,642                                     | 3,176                              | 2,466                                     | 26  | 2,440                                  |
| 93                                       | Other service activities  | 2,353                    | 0                                   | 0                                     | 2,353                                     | 1,465                              | 888                                       | 11  | 877                                    |
| 95                                       | Activities of households as employers of domestic staff                                 | 92                       | 0                                   | 0                                     | 92  | 0                                  | 92  | 0   | 92                                     |
| 99                                       | Extra-territorial organizations and bodies  | 1                        | 0                                   | 1                                     | 2   | 1                                  | 1   | 0   | 1                                      |
| 90-99                                    | Total other service industries  | 9,099                    | 0                                   | 1,594                                 | 10,693                                    | 5,982                              | 4,711                                     | 49  | 4,662                                  |
| 50-99                                    | Total service industries  | 130,466                  | 9,224                               | 26,885                                | 166,574                                   | 85,318                             | 81,257                                    | 826   | 80,431                                 |
| 01-99                                    | <b>All NACE economic sectors</b>  | 279,327                  | 10,990                              | 27,965                                | 318,282                                   | 186,161                            | 132,121                                   | 949   | 131,172                                |

**Table 5 Output and value added by activity, 2005**

|   |  | € million             |                                  |                                 |                                     |                                 |                                     |   |                                     |
|---|--|-----------------------|----------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---|-------------------------------------|
| NACE (A60)  | Industry   | P.11<br>Market output | P.12<br>Output for own final use | P.13<br>Other non-market output | P.1<br>Total output at basic prices | P.2<br>Intermediate consumption | B.1g<br>Value added at basic prices | D.29 - D.39<br>Non product taxes less subsidies | B.1fc<br>Value added at factor cost |
| <b>01-05 Agriculture, hunting, forestry and fishing</b> |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 01  | Agriculture, hunting and related service activities                                | 5,305                 | 775                              | 0                               | 6,080                               | 3,748                           | 2,331                               | -1,323  | 3,654                               |
| 02  | Forestry, logging and related service activities                                   | 433                   | 0                                | 0                               | 433                                 | 291                             | 142                                 | 43  | 99                                  |
| 05  | Fishing, fish farming and related service activities                               | 297                   | 0                                | 0                               | 297                                 | 210                             | 86                                  | 8   | 79                                  |
| 01-05   | Total agriculture, hunting, forestry and fishing                                   | 6,035                 | 775                              | 0                               | 6,809                               | 4,250                           | 2,560                               | -1,272  | 3,832                               |
| <b>10-41 Production industries</b>                      |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-14 Mining and quarrying                              |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-13   | Mining and quarrying (NACE 10 - 13)  | 651                   | 3                                | 0                               | 654                                 | 370                             | 284                                 | 21  | 262                                 |
| 14  | Other mining and quarrying (NACE 14)   | 1,040                 | 11                               | 0                               | 1,051                               | 740                             | 311                                 | 20  | 291                                 |
| 10-14   | Total mining and quarrying   | 1,691                 | 15                               | 0                               | 1,705                               | 1,111                           | 595                                 | 41  | 553                                 |
| 15-36 Manufacturing industries                          |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 15  | Food products and beverages  | 18,672                | 9                                | 0                               | 18,680                              | 13,241                          | 5,439                               | 180   | 5,260                               |
| 16  | Tobacco products   | 166                   | 0                                | 0                               | 166                                 | 73                              | 93                                  | 2   | 92                                  |
| 17  | Textiles   | 431                   | 0                                | 0                               | 431                                 | 261                             | 170                                 | 14  | 156                                 |
| 18  | Wearing apparel; dressing and dyeing of fur  | 245                   | 0                                | 0                               | 245                                 | 160                             | 85                                  | 8   | 77                                  |
| 19  | Leather and leather products   | 51                    | 0                                | 0                               | 51                                  | 32                              | 19                                  | 22  | -3                                  |
| 20  | Wood and wood products   | 1,367                 | 4                                | 0                               | 1,370                               | 919                             | 451                                 | 6   | 445                                 |
| 21  | Pulp, paper and paper products   | 604                   | 0                                | 0                               | 604                                 | 377                             | 227                                 | 1   | 226                                 |
| 22  | Publishing, printing and reproduction of recorded media                            | 13,968                | 1                                | 0                               | 13,969                              | 9,577                           | 4,392                               | 20  | 4,372                               |
| 23, 36  | Coke, refined petroleum products, nuclear fuel; furniture and manufacturing n.e.c. | 3,023                 | 0                                | 0                               | 3,024                               | 2,392                           | 632                                 | 21  | 611                                 |
| 24  | Chemicals and chemical products  | 28,464                | 7                                | 0                               | 28,470                              | 17,729                          | 10,742                              | 18  | 10,724                              |
| 25  | Rubber and plastic products  | 1,530                 | 0                                | 0                               | 1,531                               | 969                             | 561                                 | 25  | 536                                 |
| 26  | Other non-metallic mineral products  | 2,512                 | 3                                | 0                               | 2,515                               | 1,534                           | 981                                 | 20  | 961                                 |
| 27  | Basic metals   | 628                   | 0                                | 0                               | 629                                 | 447                             | 181                                 | 4   | 177                                 |
| 28  | Fabricated metal products, except machinery and equipment                          | 2,591                 | 1                                | 0                               | 2,591                               | 1,716                           | 875                                 | 18  | 857                                 |
| 29  | Machinery and equipment n.e.c.   | 2,227                 | 1                                | 0                               | 2,228                               | 1,405                           | 823                                 | 7   | 816                                 |
| 30  | Office machinery and computers   | 17,401                | 0                                | 0                               | 17,401                              | 15,597                          | 1,804                               | 10  | 1,795                               |
| 31  | Electrical machinery and apparatus n.e.c.  | 2,902                 | 1                                | 0                               | 2,903                               | 2,853                           | 51                                  | 2   | 49                                  |
| 32  | Radio, television and communication equipment and apparatus                        | 3,373                 | 0                                | 0                               | 3,373                               | 1,621                           | 1,752                               | 2   | 1,750                               |
| 33  | Medical, precision and optical instruments, watches and clocks                     | 5,835                 | 3                                | 0                               | 5,837                               | 3,206                           | 2,632                               | 3   | 2,628                               |
| 34  | Motor vehicles, trailers and semi-trailers   | 712                   | 1                                | 0                               | 713                                 | 480                             | 233                                 | 9   | 224                                 |
| 35  | Other transport equipment  | 485                   | 0                                | 0                               | 486                                 | 221                             | 264                                 | 6   | 258                                 |
| 15-36   | Total manufacturing industries   | 107,187               | 31                               | 0                               | 107,217                             | 74,810                          | 32,407                              | 396   | 32,011                              |

**Table 5 (contd.) Output and value added by activity, 2005**

|             |   | € million                |                                     |                                       |   |                                    |   |   |  |
|-------------|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60 | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| 10-41       | Production industries (contd.)  |                          |                                     |                                       |   |                                    |   |   |  |
| 37-41       | Recycling; electricity, gas and water supply  |                          |                                     |                                       |   |                                    |   |   |  |
| 37          | Recycling   | 142                      | 0                                   | 0                                     | 142                                       | 99                                 | 43  | 0   | 43                                     |
| 40          | Electricity, gas, steam and hot water supply  | 3,765                    | 802                                 | 0                                     | 4,568                                     | 2,887                              | 1,680                                     | 13  | 1,667                                  |
| 41          | Collection, purification and distribution of water  | 14                       | 0                                   | 289                                   | 303                                       | 80                                 | 224                                       | 1   | 223                                    |
| 37-41       | Total recycling; electricity, gas and water supply  | 3,922                    | 802                                 | 289                                   | 5,013                                     | 3,066                              | 1,947                                     | 15  | 1,933                                  |
| 10-41       | Total production industries   | 112,799                  | 848                                 | 289                                   | 113,936                                   | 78,987                             | 34,949                                    | 452   | 34,497                                 |
| 45          | <b>Construction</b>   | 43,099                   | 40                                  | 948                                   | 44,087                                    | 29,950                             | 14,137                                    | 25  | 14,112                                 |
| 50-99       | <b>Service industries</b>   |                          |                                     |                                       |   |                                    |   |   |  |
| 50-52       | Wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods       |                          |                                     |                                       |   |                                    |   |   |  |
| 50          | Motor trades  | 5,013                    | 0                                   | 0                                     | 5,013                                     | 3,546                              | 1,467                                     | 65  | 1,402                                  |
| 51          | Wholesale trade   | 15,316                   | 0                                   | 0                                     | 15,316                                    | 6,971                              | 8,345                                     | 198   | 8,147                                  |
| 52          | Retail trade  | 14,983                   | 0                                   | 0                                     | 14,983                                    | 9,736                              | 5,247                                     | 194   | 5,053                                  |
| 50-52       | Total wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods | 35,312                   | 0                                   | 0                                     | 35,312                                    | 20,253                             | 15,059                                    | 457   | 14,602                                 |
| 55          | Hotels and restaurants  | 9,229                    | 0                                   | 0                                     | 9,229                                     | 5,988                              | 3,241                                     | 121   | 3,120                                  |
| 60-64       | Transport, storage and communication  |                          |                                     |                                       |   |                                    |   |   |  |
| 60          | Land transport  | 3,932                    | 0                                   | 0                                     | 3,932                                     | 2,382                              | 1,550                                     | 22  | 1,527                                  |
| 61-62       | Water and air transport   | 3,414                    | 0                                   | 0                                     | 3,414                                     | 2,120                              | 1,294                                     | 19  | 1,275                                  |
| 63          | Supporting and auxiliary transport activities, activities of travel agencies                          | 5,142                    | 0                                   | 0                                     | 5,142                                     | 3,586                              | 1,556                                     | 29  | 1,527                                  |
| 64          | Post and telecommunications   | 8,038                    | 0                                   | 0                                     | 8,038                                     | 4,883                              | 3,155                                     | 46  | 3,109                                  |
| 60-64       | Total transport, storage and communication  | 20,526                   | 0                                   | 0                                     | 20,526                                    | 12,972                             | 7,555                                     | 117   | 7,438                                  |
| 65-67       | Financial intermediation  |                          |                                     |                                       |   |                                    |   |   |  |
| 65          | Financial intermediation, except insurance and pension funding  | 13,957                   | 0                                   | 0                                     | 13,957                                    | 5,561                              | 8,395                                     | 30  | 8,365                                  |
| 66          | Insurance and pension funding, except compulsory social security                                      | 11,364                   | 0                                   | 0                                     | 11,364                                    | 7,813                              | 3,550                                     | 25  | 3,526                                  |
| 67          | Other financial intermediation  | 9,078                    | 0                                   | 0                                     | 9,078                                     | 6,343                              | 2,736                                     | 20  | 2,716                                  |
| 65-67       | Total financial intermediation  | 34,398                   | 0                                   | 0                                     | 34,398                                    | 19,717                             | 14,681                                    | 75  | 14,607                                 |

**Table 5 (contd.) Output and value added by activity, 2005**

|  |   | € million                |                                     |                                       |   |                                    |   |   |  |
|--|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60                              | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| <b>50-99 Service industries (contd.)</b> |   |                          |                                     |                                       |   |                                    |   |   |  |
| 70-74                                    | Real estate, renting and business activities  |                          |                                     |                                       |   |                                    |   |   |  |
| 70                                       | Real estate activities  | 7,582                    | 9,684                               | 0                                     | 17,266                                    | 5,896                              | 11,370                                    | -3  | 11,373                                 |
| 71                                       | Renting of machinery and equipment without operator and of personal and household goods | 4,685                    | 0                                   | 0                                     | 4,685                                     | 1,605                              | 3,080                                     | -1  | 3,081                                  |
| 72                                       | Computer and related activities   | 10,672                   | 0                                   | 0                                     | 10,672                                    | 7,985                              | 2,687                                     | -2  | 2,689                                  |
| 73                                       | Research and development  | 383                      | 0                                   | 77                                    | 460                                       | 651                                | -192                                      | 0   | -191                                   |
| 74                                       | Other business activities   | 15,854                   | 0                                   | 96                                    | 15,950                                    | 8,900                              | 7,050                                     | -3  | 7,053                                  |
| 70-74                                    | Total real estate, renting and business activities                                      | 39,177                   | 9,684                               | 173                                   | 49,034                                    | 25,039                             | 23,995                                    | -9  | 24,005                                 |
| 75                                       | Public administration and defence; compulsory social security                           | 0                        | 0                                   | 8,430                                 | 8,430                                     | 3,170                              | 5,260                                     | 0   | 5,260                                  |
| 80                                       | Education   | 850                      | 0                                   | 7,537                                 | 8,387                                     | 2,128                              | 6,259                                     | 45  | 6,215                                  |
| 85                                       | Health and social work  | 4,699                    | 0                                   | 10,135                                | 14,835                                    | 5,165                              | 9,670                                     | 45  | 9,625                                  |
| 90-99                                    | Other service industries  |                          |                                     |                                       |   |                                    |   |   |  |
| 90                                       | Sewage and refuse disposal, sanitation and similar activities                           | 770                      | 0                                   | 675                                   | 1,445                                     | 709                                | 736                                       | 7   | 729                                    |
| 91                                       | Activities of membership organizations n.e.c.   | 452                      | 0                                   | 635                                   | 1,087                                     | 529                                | 558                                       | 5   | 553                                    |
| 92                                       | Recreational, cultural and sporting activities  | 5,554                    | 0                                   | 401                                   | 5,955                                     | 3,336                              | 2,619                                     | 29  | 2,590                                  |
| 93                                       | Other service activities  | 2,384                    | 0                                   | 0                                     | 2,384                                     | 1,476                              | 908                                       | 12  | 896                                    |
| 95                                       | Activities of households as employers of domestic staff                                 | 136                      | 0                                   | 0                                     | 136                                       | 0                                  | 136                                       | 0   | 136                                    |
| 99                                       | Extra-territorial organizations and bodies  | 1                        | 0                                   | 1                                     | 2   | 1                                  | 1   | 0   | 1                                      |
| 90-99                                    | Total other service industries  | 9,297                    | 0                                   | 1,712                                 | 11,009                                    | 6,051                              | 4,958                                     | 53  | 4,905                                  |
| 50-99                                    | Total service industries  | 153,489                  | 9,684                               | 27,987                                | 191,160                                   | 100,481                            | 90,679                                    | 903   | 89,775                                 |
| 01-99                                    | <b>All NACE economic sectors</b>  | 315,422                  | 11,347                              | 29,224                                | 355,992                                   | 213,668                            | 142,324                                   | 108   | 142,216                                |

**Table 6 Output and value added by activity, 2006**

|   |  | € million             |                                  |                                 |                                     |                                 |                                     |   |                                     |
|---|--|-----------------------|----------------------------------|---------------------------------|-------------------------------------|---------------------------------|-------------------------------------|---|-------------------------------------|
| NACE (A60)  | Industry   | P.11<br>Market output | P.12<br>Output for own final use | P.13<br>Other non-market output | P.1<br>Total output at basic prices | P.2<br>Intermediate consumption | B.1g<br>Value added at basic prices | D.29 - D.39<br>Non product taxes less subsidies | B.1fc<br>Value added at factor cost |
| <b>01-05 Agriculture, hunting, forestry and fishing</b> |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 01  | Agriculture, hunting and related service activities                                | 5,197                 | 847                              | 0                               | 6,045                               | 3,974                           | 2,070                               | -1,280  | 3,350                               |
| 02  | Forestry, logging and related service activities                                   | 432                   | 0                                | 0                               | 432                                 | 269                             | 163                                 | 7   | 156                                 |
| 05  | Fishing, fish farming and related service activities                               | 333                   | 0                                | 0                               | 333                                 | 228                             | 105                                 | -10   | 115                                 |
| 01-05   | Total agriculture, hunting, forestry and fishing                                   | 5,962                 | 847                              | 0                               | 6,810                               | 4,471                           | 2,339                               | -1,282  | 3,621                               |
| <b>10-41 Production industries</b>                      |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-14 Mining and quarrying                              |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 10-13   | Mining and quarrying (NACE 10 - 13)  | 872                   | 12                               | 0                               | 884                                 | 437                             | 447                                 | 25  | 422                                 |
| 14  | Other mining and quarrying (NACE 14)   | 1,216                 | 1                                | 0                               | 1,217                               | 811                             | 406                                 | 21  | 385                                 |
| 10-14   | Total mining and quarrying   | 2,088                 | 12                               | 0                               | 2,100                               | 1,247                           | 853                                 | 46  | 807                                 |
| 15-36 Manufacturing industries                          |  |                       |                                  |                                 |                                     |                                 |                                     |   |                                     |
| 15  | Food products and beverages  | 19,520                | 6                                | 0                               | 19,526                              | 13,628                          | 5,898                               | 203   | 5,695                               |
| 16  | Tobacco products   | 82                    | 0                                | 0                               | 82                                  | 56                              | 26                                  | 1   | 25                                  |
| 17  | Textiles   | 456                   | 0                                | 0                               | 457                                 | 274                             | 182                                 | 20  | 163                                 |
| 18  | Wearing apparel; dressing and dyeing of fur  | 126                   | 0                                | 0                               | 126                                 | 132                             | -6                                  | 5   | -11                                 |
| 19  | Leather and leather products   | 46                    | 0                                | 0                               | 46                                  | 26                              | 19                                  | 25  | -6                                  |
| 20  | Wood and wood products   | 1,407                 | 1                                | 0                               | 1,408                               | 940                             | 467                                 | 7   | 460                                 |
| 21  | Pulp, paper and paper products   | 618                   | 2                                | 0                               | 620                                 | 425                             | 194                                 | 1   | 194                                 |
| 22  | Publishing, printing and reproduction of recorded media                            | 15,833                | 1                                | 0                               | 15,833                              | 11,687                          | 4,147                               | 23  | 4,124                               |
| 23, 36  | Coke, refined petroleum products, nuclear fuel; furniture and manufacturing n.e.c. | 3,632                 | 1                                | 0                               | 3,633                               | 2,866                           | 767                                 | 23  | 744                                 |
| 24  | Chemicals and chemical products  | 28,343                | 12                               | 0                               | 28,355                              | 17,095                          | 11,260                              | 21  | 11,239                              |
| 25  | Rubber and plastic products  | 1,695                 | 0                                | 0                               | 1,695                               | 1,068                           | 627                                 | 28  | 599                                 |
| 26  | Other non-metallic mineral products  | 2,713                 | 7                                | 0                               | 2,720                               | 1,664                           | 1,056                               | 22  | 1,034                               |
| 27  | Basic metals   | 853                   | 0                                | 0                               | 853                                 | 537                             | 317                                 | 6   | 311                                 |
| 28  | Fabricated metal products, except machinery and equipment                          | 2,780                 | 1                                | 0                               | 2,780                               | 1,709                           | 1,071                               | 19  | 1,052                               |
| 29  | Machinery and equipment n.e.c.   | 2,584                 | 1                                | 0                               | 2,585                               | 1,556                           | 1,029                               | 8   | 1,021                               |
| 30  | Office machinery and computers   | 18,305                | 4                                | 0                               | 18,309                              | 16,967                          | 1,342                               | 11  | 1,331                               |
| 31  | Electrical machinery and apparatus n.e.c.  | 2,993                 | 0                                | 0                               | 2,993                               | 2,623                           | 370                                 | 2   | 369                                 |
| 32  | Radio, television and communication equipment and apparatus                        | 3,413                 | 480                              | 0                               | 3,892                               | 2,071                           | 1,821                               | 2   | 1,819                               |
| 33  | Medical, precision and optical instruments, watches and clocks                     | 5,961                 | 66                               | 0                               | 6,026                               | 3,242                           | 2,785                               | 4   | 2,781                               |
| 34  | Motor vehicles, trailers and semi-trailers   | 735                   | 1                                | 0                               | 735                                 | 517                             | 218                                 | 10  | 208                                 |
| 35  | Other transport equipment  | 498                   | 0                                | 0                               | 498                                 | 266                             | 232                                 | 7   | 226                                 |
| 15-36   | Total manufacturing industries   | 112,592               | 581                              | 0                               | 113,174                             | 79,349                          | 33,824                              | 446   | 33,378                              |

**Table 6 (contd.) Output and value added by activity, 2006**

|             |   | € million                |                                     |                                       |   |                                    |   |   |  |
|-------------|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60 | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| 10-41       | Production industries (contd.)  |                          |                                     |                                       |   |                                    |   |   |  |
| 37-41       | Recycling; electricity, gas and water supply  |                          |                                     |                                       |   |                                    |   |   |  |
| 37          | Recycling   | 153                      | 1                                   | 0                                     | 154                                       | 109                                | 45  | 0   | 44                                     |
| 40          | Electricity, gas, steam and hot water supply  | 4,656                    | 581                                 | 0                                     | 5,237                                     | 3,742                              | 1,495                                     | 15  | 1,480                                  |
| 41          | Collection, purification and distribution of water  | 19                       | 0                                   | 334                                   | 353                                       | 97                                 | 256                                       | 1   | 255                                    |
| 37-41       | Total recycling; electricity, gas and water supply  | 4,828                    | 581                                 | 334                                   | 5,744                                     | 3,948                              | 1,796                                     | 16  | 1,779                                  |
| 10-41       | Total production industries   | 119,508                  | 1,175                               | 334                                   | 121,018                                   | 84,545                             | 36,473                                    | 509   | 35,964                                 |
| 45          | <b>Construction</b>   | 50,250                   | 150                                 | 1,104                                 | 51,504                                    | 35,553                             | 15,951                                    | 27  | 15,924                                 |
| 50-99       | <b>Service industries</b>   |                          |                                     |                                       |   |                                    |   |   |  |
| 50-52       | Wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods       |                          |                                     |                                       |   |                                    |   |   |  |
| 50          | Motor trades  | 5,506                    | 0                                   | 0                                     | 5,506                                     | 3,609                              | 1,896                                     | 72  | 1,825                                  |
| 51          | Wholesale trade   | 17,764                   | 0                                   | 0                                     | 17,764                                    | 9,152                              | 8,612                                     | 231   | 8,381                                  |
| 52          | Retail trade  | 16,762                   | 0                                   | 0                                     | 16,762                                    | 10,081                             | 6,681                                     | 218   | 6,463                                  |
| 50-52       | Total wholesale and retail trade; repair of motor vehicles, motorcycles, personal and household goods | 40,032                   | 0                                   | 0                                     | 40,032                                    | 22,842                             | 17,189                                    | 520   | 16,669                                 |
| 55          | Hotels and restaurants  | 9,597                    | 0                                   | 0                                     | 9,597                                     | 6,064                              | 3,533                                     | 135   | 3,398                                  |
| 60-64       | Transport, storage and communication  |                          |                                     |                                       |   |                                    |   |   |  |
| 60          | Land transport  | 4,544                    | 0                                   | 0                                     | 4,544                                     | 2,757                              | 1,787                                     | 25  | 1,762                                  |
| 61-62       | Water and air transport   | 4,875                    | 0                                   | 0                                     | 4,875                                     | 3,317                              | 1,558                                     | 26  | 1,532                                  |
| 63          | Supporting and auxiliary transport activities, activities of travel agencies                          | 5,690                    | 0                                   | 0                                     | 5,690                                     | 4,071                              | 1,619                                     | 31  | 1,588                                  |
| 64          | Post and telecommunications   | 10,087                   | 0                                   | 0                                     | 10,087                                    | 6,741                              | 3,347                                     | 55  | 3,292                                  |
| 60-64       | Total transport, storage and communication  | 25,197                   | 0                                   | 0                                     | 25,197                                    | 16,886                             | 8,311                                     | 136   | 8,175                                  |
| 65-67       | Financial intermediation  |                          |                                     |                                       |   |                                    |   |   |  |
| 65          | Financial intermediation, except insurance and pension funding  | 16,237                   | 0                                   | 0                                     | 16,237                                    | 7,232                              | 9,005                                     | 35  | 8,969                                  |
| 66          | Insurance and pension funding, except compulsory social security                                      | 12,527                   | 0                                   | 0                                     | 12,527                                    | 9,190                              | 3,338                                     | 27  | 3,310                                  |
| 67          | Other financial intermediation  | 9,283                    | 0                                   | 0                                     | 9,283                                     | 5,583                              | 3,700                                     | 20  | 3,679                                  |
| 65-67       | Total financial intermediation  | 38,047                   | 0                                   | 0                                     | 38,047                                    | 22,005                             | 16,042                                    | 83  | 15,959                                 |



**Table 6 (contd.) Output and value added by activity, 2006**

|  |   | € million                |                                     |                                       |   |                                    |   |   |  |
|--|---|--------------------------|-------------------------------------|---------------------------------------|---|------------------------------------|---|---|--|
| NACE<br>A60                              | Industry  | P.11<br>Market<br>output | P.12<br>Output for<br>own final use | P.13<br>Other<br>non-market<br>output | P.1<br>Total output<br>at<br>basic prices | P.2<br>Intermediate<br>consumption | B.1g<br>Value added<br>at basic<br>prices | D.29 - D.39<br>Non product<br>taxes less<br>subsidies | B.1fc<br>Value added<br>at factor cost |
| <b>50-99 Service industries (contd.)</b> |   |                          |                                     |                                       |   |                                    |   |   |  |
| 70-74                                    | Real estate, renting and business activities  |                          |                                     |                                       |   |                                    |   |   |  |
| 70                                       | Real estate activities  | 7,203                    | 10,509                              | 0                                     | 17,712                                    | 5,598                              | 12,114                                    | -1  | 12,115                                 |
| 71                                       | Renting of machinery and equipment without operator and of personal and household goods | 5,289                    | 0                                   | 0                                     | 5,289                                     | 1,641                              | 3,648                                     | 0   | 3,648                                  |
| 72                                       | Computer and related activities   | 16,141                   | 0                                   | 0                                     | 16,141                                    | 12,470                             | 3,671                                     | -1  | 3,672                                  |
| 73                                       | Research and development  | 325                      | 0                                   | 77                                    | 402                                       | 649                                | -247                                      | 0   | -247                                   |
| 74                                       | Other business activities   | 16,601                   | 0                                   | 105                                   | 16,705                                    | 8,642                              | 8,063                                     | -1  | 8,064                                  |
| 70-74                                    | Total real estate, renting and business activities                                      | 45,560                   | 10,509                              | 181                                   | 56,250                                    | 29,000                             | 27,250                                    | -4  | 27,253                                 |
| 75                                       | Public administration and defence; compulsory social security                           | 0                        | 0                                   | 9,189                                 | 9,189                                     | 3,635                              | 5,553                                     | 0   | 5,553                                  |
| 80                                       | Education   | 821                      | 0                                   | 8,492                                 | 9,313                                     | 2,180                              | 7,133                                     | 55  | 7,078                                  |
| 85                                       | Health and social work  | 4,731                    | 0                                   | 11,264                                | 15,994                                    | 5,486                              | 10,508                                    | 55  | 10,454                                 |
| 90-99                                    | Other service industries  |                          |                                     |                                       |   |                                    |   |   |  |
| 90                                       | Sewage and refuse disposal, sanitation and similar activities                           | 804                      | 0                                   | 769                                   | 1,573                                     | 759                                | 814                                       | 10  | 804                                    |
| 91                                       | Activities of membership organizations n.e.c.   | 518                      | 0                                   | 724                                   | 1,242                                     | 640                                | 602                                       | 8   | 594                                    |
| 92                                       | Recreational, cultural and sporting activities  | 6,185                    | 0                                   | 439                                   | 6,624                                     | 3,774                              | 2,850                                     | 43  | 2,807                                  |
| 93                                       | Other service activities  | 2,609                    | 0                                   | 0                                     | 2,609                                     | 1,599                              | 1,010                                     | 17  | 993                                    |
| 95                                       | Activities of households as employers of domestic staff                                 | 147                      | 0                                   | 0                                     | 147                                       | 0                                  | 148                                       | 0   | 148                                    |
| 99                                       | Extra-territorial organizations and bodies  | 1                        | 0                                   | 1                                     | 2   | 1                                  | 1   | 0   | 1                                      |
| 90-99                                    | Total other service industries  | 10,264                   | 0                                   | 1,933                                 | 12,198                                    | 6,773                              | 5,425                                     | 79  | 5,346                                  |
| 50-99                                    | Total service industries  | 174,248                  | 10,509                              | 31,059                                | 215,816                                   | 114,872                            | 100,944                                   | 1,058   | 99,885                                 |
| 01-99                                    | <b>All NACE economic sectors</b>  | 349,969                  | 12,682                              | 32,497                                | 395,148                                   | 239,441                            | 155,707                                   | 312   | 155,395                                |

## Background Notes

**Introduction** This release presents the results of the calculation of Gross Domestic Product (GDP) by the CSO using the Output Method (also known as the Production Approach).

**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 European System of Accounts 1995 (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 <http://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 tables show the whole economy by 55 activities. The activity classification used is the two-digit level of the NACE Rev 1, which is referred to as the A60 coding of industry activities.

**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 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.