

National accounts of the Netherlands 2016



**National
accounts
of the Netherlands
2016**

Explanation of symbols

Empty cell	Figure not applicable
.	Figure is unknown, insufficiently reliable or confidential
*	Provisional figure
**	Revised provisional figure
2015–2016	2015 to 2016 inclusive
2015/2016	Average for 2015 to 2016 inclusive
2015/'16	Crop year, financial year, school year, etc., beginning in 2015 and ending in 2016
2013/'14–2015/'16	Crop year, financial year, etc., 2013/'14 to 2015/'16 inclusive

Due to rounding, some totals may not correspond to the sum of the separate figures.

Publisher

Statistics Netherlands
Henri Faasdreef 312, 2492 JP The Hague
www.cbs.nl

Prepress: Statistics Netherlands, CCN Creatie
Design: Edenspiekermann

Information

Telephone +31 88 570 70 70, fax +31 70 337 59 94
Via contact form: www.cbs.nl/information

ISBN 978-90-357-2267-5
ISSN 1387-7461

© Statistics Netherlands, The Hague/Heerlen/Bonaire, 2017.
Reproduction is permitted, provided Statistics Netherlands is quoted as the source.

Foreword

The national accounts provide a coherent and consistent overview of the economy of the Netherlands. This official system of statistics plays a fundamental role in economic and monetary policy planning and assessment. It also forms the basis for economic forecasts and analyses by CPB, the Netherlands Bureau for Economic Policy Analysis. The national accounts are furthermore a key factor in defining national contributions to the European Union and determining the extent to which the Netherlands meets the EMU targets.

Examples of key macro-economic indicators which are presented in the national accounts include economic growth, government deficit and disposable household income. In addition, the national accounts provide national data on consumption, investments, international trade and employment.

Since 1958, the most important outcomes of the national accounts have been included in this annual Statistics Netherlands publication. It presents a concise overview of the most relevant macroeconomic tables and indicators over the previous six years. As such, it can be used to gain a quick, first impression of the state of the Dutch economy. The latest national accounts data are available in more detail and can be downloaded from www.cbs.nl/StatLine.

**Director General,
Dr T.B.P.M. Tjin-A-Tsoi**

The Hague/Heerlen/Bonaire, July 2017

Contents

Foreword 3

List of tables and explanations 6

National accounts on the website of Statistics Netherlands 9

Amendments compared to the previous edition 11

Economic key figures 13

1. Macroeconomics 15

2. Supply, use and input-output tables 22

3. Final expenditure 29

4. Production and generation of income 48

5. Labour 66

6. Sector accounts 78

7. Other tables 108

8. Explanations 113

List of tables and explanations

1-7 Tables

1. Macro-economics

M 1	The three approaches of domestic product	15
M 2	Balancing items from domestic product to national net lending or net borrowing	16
M 3	Output, intermediate consumption and the generation of income by sectors	17
M 4	Domestic product and national income, alternative definitions	18
M 5	Contribution to volume growth of domestic product	18
M 6	Supply and disposition of goods and services	19
M 7	Deficit and debt of general government (EMU-definitions)	20

2. Supply, use and input-output tables

G 1	Supply table 2016 at basic prices	22
G 2	Use table 2016 at purchaser's prices	24
G 3	Input-output table 2016 at basic prices	26

3. Final expenditure

B 1.1	Final consumption expenditure by type of goods and services	29
B 1.2	Final consumption expenditure by type of goods and services, volume changes	30
B 1.3	Final consumption expenditure by type of goods and services, price changes	31
B 2.1	Final consumption expenditure by purpose	32
B 2.2	Final consumption expenditure by purpose, volume changes	33
B 2.3	Final consumption expenditure by purpose, price changes	34
B 3.1	Fixed capital formation by type of capital good	35
B 3.2	Fixed capital formation by type of capital good, volume changes	36
B 3.3	Fixed capital formation by type of capital good, price changes	37
B 4.1	Fixed capital formation by industry	38
B 4.2	Fixed capital formation by industry, volume changes	39
B 4.3	Fixed capital formation by industry, price changes	40
B 5.1	Exports of goods and services by origin (basic prices)	41
B 5.2	Exports of goods and services by origin (basic prices), volume changes	42
B 5.3	Exports of goods and services by origin (basic prices), price changes	43
B 6.1	Imports of goods and services by destination	44
B 6.2	Imports of goods and services by destination, volume changes	45
B 6.3	Imports of goods and services by destination, price changes	46

4. Production and generation of income

P 1	Output by industry	48
P 2	Intermediate consumption by industry	49
P 3	Other taxes on production by industry	50
P 4	Other subsidies on production by industry	51
P 5	Compensation of employees by industry	52
P 6	Wages and salaries by industry	53
P 7	Employers' social contributions by industry	54
P 8	Operating surplus / mixed (gross) income by industry	55
P 9	Operating surplus / mixed income (net) by industry	56
P 10	Consumption of fixed capital by industry	57
P 11.1	Value added by industry	58
P 11.2	Value added by industry, volume changes	59
P 11.3	Value added by industry, price changes	60
P 11.4	Value added by industry, % GDP	61
P 12	Dual classification of compensation of employees by industry and sector, 2016	62
P 13	Dual classification of value added (gross, basic prices) by industry and sector, 2016	62
P 14	Labour share in enterprise income by industry	63
P 15	Imputed labour income of the self-employed and family workers by industry	63

5. Labour

A 1	Key figures labour market	66
A 2	Number of employed persons by industry	67
A 3.1	Jobs of employed persons by industry	68
A 3.2	Jobs of employees by industry	69
A 3.3	Jobs of self-employed persons by industry	70
A 4.1	Labour input of employed persons by industry, in full-time equivalent jobs	71
A 4.2	Labour input of employed persons by industry, in hours worked	72
A 4.3	Labour input by industry, in hours worked	73
A 5	Compensation of employees. wages and salaries by industry	74
A 6.1	Structure of labour costs	75
A 6.2	Wage cost per hour worked, changes	75
A 7.1	Labour productivity by industry per full-time equivalent job	76
A 7.2	Labour productivity by industry per hour worked	76

6. Sector accounts

S 1.1	Sector accounts 2013	78
S 1.1	Sector accounts 2014	79
S 1.2	Sector accounts 2015	80
S 1.3	Sector accounts 2016	81
S 2.1	Transactions of the total economy	82
S 2.2	Transactions of the sector non-financial corporations	84
S 2.3	Transactions of the sector financial corporations	86
S 2.4	Transactions of the sector general government	88
S 2.5	Transactions of the sector households including non-profit institutions serving households	90
S 2.6	Transactions of the rest of the world with the Netherlands	92
S 3.1	Financial balance sheets of the total economy	94
S 3.2	Financial balance sheets of the sector non-financial corporations	94

S 3.3	Financial balance sheets of the sector financial corporations	96
S 3.4	Financial balance sheets of the sector general government	96
S 3.5	Financial balance sheets of the sector households including NPIs serving households	98
S 3.6	Financial balance sheets of the rest of the world with the Netherlands	98
S 4.1	Balance sheets of the total economy	100
S 4.2	Balance sheets of sector non-financial corporations	101
S 4.3	Balance sheets of sector financial corporations	102
S 4.4	Balance sheets of sector general government	103
S 4.5	Balance sheets of sector households incl. NPIs serving households	104
S 5.1	Non-financial balance sheets of the total economy, 2013	105
S 5.2	Non-financial balance sheets of the total economy, 2014	105
S 5.3	Non-financial balance sheets of the total economy, 2015	106
S 5.4	Non-financial balance sheets of the total economy, 2016	106

7. Other tables

O 1.1	Taxes	108
O 1.2	Current taxes on income and wealth	108
O 1.3	Taxes on production and imports	109
O 2	Expenditure of general government across function (consolidated)	110

8 Explanations

8.1	National accounts outlined	113
8.2	Transactions in the national accounts	117
8.3	Supply, use and input-output tables	135
8.4	Sectors in the sector accounts	138
8.5	Accounts in the sector accounts	142
8.6	Labour	146
8.7	Price and volume changes	149

National accounts on the website of Statistics Netherlands

Website

Figures and publications of the national accounts are available on the website of Statistics Netherlands (www.cbs.nl). The figures of the national accounts are published on StatLine, the electronic databank of Statistics Netherlands. Detailed supply and use tables and input-output tables are available on request.

Macroeconomic figures on StatLine

National accounts figures can be found on StatLine under the theme Macroeconomics. A description of the folder structure of this theme is given below and the kind of information each folder contains is shown. Most tables under the theme Macroeconomics provide national accounts data.

All national accounts figures on Statline and in this publication are in accordance with the European system of accounts (ESA 2010). Older published data can be found on Statline in the main folder Archive\Macroeconomics.

Main theme National accounts

Key figures of the national accounts can be found here, including approaches of domestic product, the structure of national net lending/borrowing and the macroeconomic scoreboard, containing the indicators of the *Macroeconomic Imbalance Procedure* (MIP) *scoreboard*.

GDP and main components

The tables in this folder are based on the supply and use tables of the national accounts. They give information about GDP (economic growth), value added, output and intermediate consumption. Data on final expenditure can be found here as well, like household and government consumption, fixed capital formation and imports and exports. Most tables have a breakdown by industries or product groups.

Sector accounts; income and wealth

These tables provide information about uses and resources, assets and liabilities. Many tables have a breakdown into institutional sectors like non-financial and financial corporations, government and households.

Other accounts

This folder contains tables based on satellite accounts of the National accounts. It consists of subfolders the Labour accounts, Environmental accounts, Growth accounts, Tourism accounts and the Regional accounts.

Environmental accounts

The table of environmental-economic figures presents an overview of environmental and economic key figures that illustrate the contribution to environmental issues (greenhouse effect, acidification, etc.), environmental expenditure (costs, taxes, etc.) and the economic position (value added, labour input, etc.) of sectors of industry.

Growth accounts

The growth accounts show the contributions of the different production factors to the economic growth. This helps to determine which part of production growth is explained by a change in input of capital, labour, energy, materials or services.

The results of the growth accounts also show the development of multifactor productivity. This is the part of economic growth that cannot be attributed to one of the production factors. Disaggregated data and labour productivity are also published in the tables of the Growth accounts.

Labour accounts

The tables in this folder are based on the labour accounts and give figures about labour and wages. The tables contain data about employed persons, jobs, hours worked and compensation of employees among others. Many figures are broken down by industries, gender and employee/self-employed persons.

Regional accounts

The tables of regional accounts give figures by COROP region, province and group of provinces. Regional accounts are consistent with the national accounts.

Tourism accounts

These tables contains information about key tourism indicators. Tourism contributes to the Dutch economy (contribution to employment, gross domestic product and value added). Tourism is not an industry in itself, but covers a wide range of products and services. The figures are consistent with the conceptual framework of the National Accounts (NA).

Amendments compared to the previous edition

General changes

This publication contains figures over the years 2011 to 2016 inclusive. Data on the reporting years 2011-2015 are now final while the most recent reporting year - 2016 - has the status provisional.

The financial accounts and balance sheets in the sector accounts are revised annually. These corrections are applied to the previous years as well, to ensure consistency in the published time series. In this publication, figures in the financial accounts and balance sheets for the years 2011-2014 have been adjusted and may therefore differ from the figures contained in the previous edition.

Changes in the table Economic key figures

In this table the variable Labour share in enterprise income has been omitted.

Changes in the chapter Production and generation of income

Two new tables have been added: P 14 Labour share in enterprise income by industry and P 15 Imputed labour income by industry. As of June 2016, the labour share in enterprise income is compiled according to a new method. Table P 14 replaces table A 6 as was included in the previous editions of the National accounts.

Changes in the chapter Labour

Table A 6 Labour share in enterprise income by industry and sector has been discontinued and the remaining tables have been renumbered.

Longer time series are available in StatLine under the National accounts section on the Statistics Netherlands website.

Economic key figures

		2011	2012	2013	2014	2015	2016*
Total economy							
Domestic product (GDP)	mln euro	642 929	645 164	652 748	663 008	683 457	702 641
Domestic product (GDP) (economic growth)	% volume changes	1.7	– 1.1	– 0.2	1.4	2.3	2.2
Taxes and social security contributions	% GDP	35.5	35.7	36.2	37.2	37.0	38.4
National saving (net)	mln euro	81 741	81 302	76 401	71 312	81 455	87 778
National net lending/net borrowing	mln euro	55 001	59 467	65 082	58 457	22 542	59 610
Income							
National income (net)	mln euro	547 619	550 553	552 517	551 093	567 855	579 842
National income (net)	% real changes	1.6	– 1.5	– 0.8	– 0.6	3.4	2.1
Disposable national income (net)	mln euro	538 169	541 278	540 737	540 461	557 033	572 565
Disposable national income (net)	% real changes	1.6	– 1.5	– 1.3	– 0.4	3.4	2.8
National income (net) per capita	euro	32 805	32 859	32 879	32 677	33 522	34 039
Disposable national income (net) per capita	euro	32 239	32 306	32 178	32 046	32 883	33 612
Operating surplus/mixed income (net)	mln euro	156 630	153 824	154 605	156 164	171 367	172 748
Population							
Average population	X 1000	16 693	16 755	16 804	16 865	16 940	17 034
Average number of households	X 1000	7 478	7 541	7 580	7 628	7 693	7 761
Labour							
Number of employed persons ¹⁾	X 1 000	8 854	8 836	8 732	8 724	8 806	8 901
Employed labour force 15–64 yrs	X 1 000	8 280	8 330	8 266	8 214	8 294	8 403
Unemployed labour force 15–64 yrs	X 1 000	434	516	647	660	614	538
Jobs of employed persons ¹⁾	X 1 000 jobs	9 952	9 923	9 789	9 790	9 901	9 999
Labour input of employed persons ¹⁾	X 1 000 fte jobs	7 099	7 055	6 972	6 964	7 037	7 131
Labour input of employed persons ¹⁾	mln hours worked	12 594	12 487	12 378	12 466	12 539	12 788
Labour input of employees	X 1 000 fte jobs	5 958	5 901	5 807	5 774	5 827	5 930
Labour input of employees	mln hours worked	10 057	9 924	9 804	9 819	9 869	10 093
Labour productivity per hour worked ¹⁾	% volume changes	1.1	0.1	1.0	0.8	1.4	0.2
Domestic product (gross) per full-time equivalent job ¹⁾	euro	90 571	91 446	93 629	95 205	97 119	98 529
Labour costs	mln euro	315 462	320 389	323 402	327 382	328 857	338 128
Final expenditure							
Final consumption expenditure	mln euro	456 097	459 631	463 903	468 668	475 147	484 374
Final consumption expenditure	% volume changes	0.0	– 1.2	– 0.7	0.3	1.2	1.4
Consumption expenditure of households incl. NPISHs	mln euro	288 939	289 756	293 645	296 682	303 470	310 692
Consumption expenditure general government	mln euro	167 158	169 875	170 258	171 986	171 677	173 682
of which: Net material consumption	% price changes	0.9	2.2	1.4	1.0	0.4	0.8
Public administration and services	% price changes	0.9	2.4	0.9	1.0	– 0.1	0.3
Subsidized education	% price changes	0.9	0.7	2.0	0.0	– 0.5	0.0
Consumer price index	% changes	2.3	2.5	2.5	1.0	0.6	0.3
Fixed capital formation (gross)	mln euro	130 402	121 928	117 107	119 530	132 464	140 049
Fixed capital formation (gross)	% volume changes	5.6	– 6.3	– 4.3	2.3	11.0	5.3
Rest of the world							
Exports of goods and services	mln euro	497 347	528 623	535 320	547 415	570 178	579 317
Exports of goods and services	% volume changes	4.4	3.8	2.1	4.5	6.5	4.3
Imports of goods and services	mln euro	442 443	466 677	465 502	475 530	498 043	501 969
Imports of goods and services	% volume changes	3.5	2.7	1.0	4.2	8.4	4.1
Net export	% GDP	8.5	9.6	10.7	10.8	10.6	11.0
Surplus of the nation on current transactions	mln euro	56 881	65 612	66 736	59 051	57 035	61 248
General government							
Taxes	mln euro	139 852	135 482	139 107	147 758	156 300	165 634
Subsidies	mln euro	9 674	8 929	8 211	8 021	7 804	8 406
Social contributions	mln euro	92 026	98 213	100 786	101 931	99 586	107 364
Social benefits in cash and in kind	mln euro	137 578	141 486	145 287	146 204	148 122	151 380
Social benefits in cash and in kind	% GDP	21.4	21.9	22.3	22.1	21.7	21.5
EDP-debt	% GDP	61.6	66.3	67.8	68.0	64.6	61.8
EDP-deficit	% GDP	– 4.3	– 3.9	– 2.4	– 2.3	– 2.1	0.4
Total revenues	mln euro	274 438	278 801	286 539	291 176	292 740	307 822
Total expenditure	mln euro	302 010	303 865	302 036	306 204	306 759	305 249
Households including NPIs serving households							
Disposable income (gross)	mln euro	312 078	313 461	316 442	322 683	327 139	337 048
Real disposable income (net)	% volume changes	0.6	– 0.8	– 1.3	1.4	1.3	2.3
Free / individual savings	mln euro	23 139	23 705	22 797	26 001	23 669	26 356
Savings ratio	% disposable income	13.1	14.1	14.1	14.5	13.1	13.1
Home mortgages; closing balance	mln euro	666 453	670 063	652 473	649 931	655 613	664 014
Home mortgages; net lending	mln euro	11 855	3 857	– 17 126	– 4 959	5 929	8 064
Corporations							
Gross profits before taxes	mln euro	229 140	215 296	217 321	208 950	232 206	222 097
Profits from foreign subsidiaries	mln euro	49 536	47 334	42 356	36 502	38 025	28 545
Net lending / net borrowing	mln euro	72 004	66 099	58 945	53 492	24 983	50 874
Market sector							
Labour productivity per hour worked ¹⁾	% volume changes	1.3	– 0.1	0.4	1.3	2.2	0.6
Wage income per labour year	% changes	2.7	2.5	2.2	1.5	– 0.9	0.7
Labour costs per unit product	% volume changes	0.3	2.6	0.9	– 1.2	– 2.5	0.3

¹⁾ Data of 2015 and 2016 are provisional.

1.

Macroeconomics

M 1 The three approaches of domestic product

	2011	2012	2013	2014	2015	2016*
	mln euro					
From the output						
Output (basic prices)	1 238 414	1 255 794	1 253 792	1 267 298	1 297 667	1 319 901
Intermediate consumption (excl. deductible VAT) (–)	658 824	671 962	665 257	669 884	682 681	688 869
Value added (gross, basic prices)	579 590	583 832	588 535	597 414	614 986	631 032
Taxes less subsidies on products	61 454	59 912	62 275	64 016	66 849	71 781
Taxes on products	64 886	63 295	65 415	67 125	69 892	75 091
Subsidies on products (–)	3 432	3 383	3 140	3 109	3 043	3 310
Difference imputed and paid VAT	1 885	1 420	1 938	1 578	1 622	– 172
Domestic product (gross, market prices)	642 929	645 164	652 748	663 008	683 457	702 641
From the generation of income						
Compensation of employees	318 040	322 825	324 595	327 963	330 060	339 804
Wages and salaries	251 715	253 193	254 034	253 880	259 619	267 717
Employers' social contributions	66 325	69 632	70 561	74 083	70 441	72 087
Taxes on production and imports less subsidies	61 191	60 618	64 186	68 687	70 275	75 700
Taxes on production and imports	71 871	70 513	73 439	77 597	79 003	84 876
Subsidies (–)	10 680	9 895	9 253	8 910	8 728	9 176
Operating surplus / mixed income (gross)	263 698	261 721	263 967	266 358	283 122	287 137
Consumption of fixed capital	107 068	107 897	109 362	110 194	111 755	114 389
Operating surplus / mixed income (net)	156 630	153 824	154 605	156 164	171 367	172 748
Domestic product (gross, market prices)	642 929	645 164	652 748	663 008	683 457	702 641
From the final expenditure						
Final consumption expenditure	456 097	459 631	463 903	468 668	475 147	484 374
General government	167 158	169 875	170 258	171 986	171 677	173 682
Households incl. NPIs serving households	288 939	289 756	293 645	296 682	303 470	310 692
Fixed capital formation (gross)	130 402	121 928	117 107	119 530	132 464	140 049
Corporations, households and NPIs serving households	104 688	97 770	93 350	96 232	107 954	115 551
General government	25 714	24 158	23 757	23 298	24 510	24 498
Changes in inventories ¹⁾	1 526	1 659	1 920	2 925	3 711	870
Exports of goods and services	497 347	528 623	535 320	547 415	570 178	579 317
Goods	398 744	425 408	427 390	429 655	440 240	447 927
Services	98 603	103 215	107 930	117 760	129 938	131 390
Imports of goods and services (–)	442 443	466 677	465 502	475 530	498 043	501 969
Goods	333 823	354 312	352 043	353 737	361 853	364 210
Services	108 620	112 365	113 459	121 793	136 190	137 759
Domestic product (gross, market prices)	642 929	645 164	652 748	663 008	683 457	702 641

¹⁾ Including acquisitions less disposals of valuables.

M 2 Balancing items from domestic product to national net lending or net borrowing

	2011	2012	2013	2014	2015	2016*
	mln euro					
Domestic product (gross, market prices)	642 929	645 164	652 748	663 008	683 457	702 641
Net primary income from the rest of the world	11 758	13 286	9 131	- 1 721	- 3 847	- 8 410
Primary income from the rest of the world	247 129	232 502	233 785	258 724	228 879	208 613
Compensation of employees	1 084	1 076	1 015	947	1 015	1 053
Property income	245 039	230 460	231 728	256 888	226 940	206 790
Subsidies from the rest of the world (EU)	1 006	966	1 042	889	924	770
Primary income to the rest of the world (-)	235 371	219 216	224 654	260 445	232 726	217 023
Compensation of employees	5 829	5 872	5 611	5 625	5 922	6 216
Property income	227 356	211 297	217 034	252 404	224 182	207 722
Taxes on production and imports to the rest of the world	2 186	2 047	2 009	2 416	2 622	3 085
National income (gross, market prices)	654 687	658 450	661 879	661 287	679 610	694 231
Consumption of fixed capital (-)	107 068	107 897	109 362	110 194	111 755	114 389
National income (net, market prices)	547 619	550 553	552 517	551 093	567 855	579 842
Net current transfers from the rest of the world	- 9 450	- 9 275	- 11 780	- 10 632	- 10 822	- 7 277
Current transfers from the rest of the world	10 217	10 736	10 334	11 629	12 156	11 052
Current taxes on income and wealth	3 632	3 868	3 730	4 504	4 375	4 310
Social contributions	1 904	1 927	1 984	2 694	2 725	2 703
Social benefits (in cash)	248	248	250	253	270	240
Other current transfers	4 433	4 693	4 370	4 178	4 786	3 799
Current transfers to the rest of the world (-)	19 667	20 011	22 114	22 261	22 978	18 329
Current taxes on income and wealth	1 975	1 937	2 055	2 107	2 443	2 383
Social contributions	284	284	284	284	284	284
Social benefits (in cash)	2 476	2 642	2 635	2 479	2 756	2 760
Other current transfers	14 932	15 148	17 140	17 391	17 495	12 902
Disposable national income (net)	538 169	541 278	540 737	540 461	557 033	572 565
Final consumption expenditure (-)	456 097	459 631	463 903	468 668	475 147	484 374
Adjustment for net equity in pension funds reserves (surplus of the nation)	- 331	- 345	- 433	- 481	- 431	- 413
National saving (net)	81 741	81 302	76 401	71 312	81 455	87 778
Fixed capital formation (net) (-)	23 334	14 031	7 745	9 336	20 709	25 660
Changes in inventories (-) ¹⁾	1 526	1 659	1 920	2 925	3 711	870
Surplus of the nation on current transactions	56 881	65 612	66 736	59 051	57 035	61 248
Net exports	54 904	61 946	69 818	71 885	72 135	77 348
Goods	64 921	71 096	75 347	76 065	78 387	83 717
Services	- 10 017	- 9 150	- 5 529	- 4 180	- 6 252	- 6 369
Net primary income	11 758	13 286	9 131	- 1 721	- 3 847	- 8 410
Received	247 129	232 502	233 785	258 724	228 879	208 613
Paid (-)	235 371	219 216	224 654	260 445	232 726	217 023
Net current transfers	- 9 450	- 9 275	- 11 780	- 10 632	- 10 822	- 7 277
Received	10 217	10 736	10 334	11 629	12 156	11 052
Paid (-)	19 667	20 011	22 114	22 261	22 978	18 329
Adjustment for net equity in pension funds reserves (surplus of the nation)	- 331	- 345	- 433	- 481	- 431	- 413
Net capital transfers from the rest of the world	- 552	- 268	- 562	- 432	- 893	- 1 042
Capital transfers from the rest of the world	783	780	746	723	931	847
Capital transfers to the rest of the world (-)	1 335	1 048	1 308	1 155	1 824	1 889
Acquisitions less disposals of non-produced non-financial assets	- 1 328	- 5 877	- 1 092	- 162	- 33 600	- 596
National net lending (+) or net borrowing (-)	55 001	59 467	65 082	58 457	22 542	59 610
Change in assets on the rest of the world	394 854	228 610	294 541	179 476	164 079	222 508
Change in liabilities to the rest of the world (-)	341 481	169 617	227 787	120 363	140 730	164 138
Statistical discrepancy	1 628	474	- 1 672	- 656	- 807	1 240

¹⁾ Including acquisitions less disposals of valuables.

M 3 Output, intermediate consumption and the generation of income by sectors

	2011	2012	2013	2014	2015	2016*
	mln euro					
From the output						
Output (basic prices)	1 238 414	1 255 794	1 253 792	1 267 298	1 297 667	1 319 901
Non-financial corporations	881 627	894 484	891 773	898 279	926 740	944 983
Financial corporations	76 210	77 657	76 608	77 067	74 812	71 981
General government	123 868	124 491	124 460	126 107	124 455	124 927
Households including NPIs serving households	156 709	159 162	160 951	165 845	171 660	178 010
Intermediate consumption (excl. deductible VAT) (–)	658 824	671 962	665 257	669 884	682 681	688 869
Non-financial corporations	502 914	512 727	507 068	509 933	521 099	526 967
Financial corporations	30 297	28 174	27 867	29 039	28 159	28 071
General government	42 804	42 608	41 845	42 906	41 988	40 866
Households including NPIs serving households	82 809	88 453	88 477	88 006	91 435	92 965
Value added (gross, basic prices)	579 590	583 832	588 535	597 414	614 986	631 032
Non-financial corporations	378 713	381 757	384 705	388 346	405 641	418 016
Financial corporations	45 913	49 483	48 741	48 028	46 653	43 910
General government	81 064	81 883	82 615	83 201	82 467	84 061
Households including NPIs serving households	73 900	70 709	72 474	77 839	80 225	85 045
From the generation of income						
Compensation of employees	318 040	322 825	324 595	327 963	330 060	339 804
Non-financial corporations	222 905	227 269	228 277	231 160	235 034	242 812
Financial corporations	19 248	19 300	20 423	20 395	19 269	19 293
General government	59 718	60 113	60 193	60 423	59 651	60 974
Households including NPIs serving households	16 169	16 143	15 702	15 985	16 106	16 725
Operating surplus / mixed income (net)	156 630	153 824	154 605	156 164	171 367	172 748
Non-financial corporations	101 949	99 253	99 500	98 436	110 676	112 685
Financial corporations	22 037	25 400	23 416	21 748	22 145	18 822
General government	0	0	0	0	0	0
Households including NPIs serving households	32 644	29 171	31 689	35 980	38 546	41 241
Consumption of fixed capital	107 068	107 897	109 362	110 194	111 755	114 389
Non-financial corporations	56 102	57 337	58 318	59 142	60 675	62 415
Financial corporations	4 322	4 047	4 085	4 056	4 057	4 147
General government	21 023	21 438	21 842	22 117	22 213	22 476
Households including NPIs serving households	25 621	25 075	25 117	24 879	24 810	25 351
Other taxes on production less subsidies	– 263	706	1 911	4 671	3 426	3 919
Non-financial corporations	– 1 118	– 729	– 227	555	229	0
Financial corporations	306	736	817	1 829	1 182	1 648
General government	323	332	580	661	603	611
Households including NPIs serving households	226	367	741	1 626	1 412	1 660
Difference imputed and paid VAT (–)	1 885	1 420	1 938	1 578	1 622	– 172
Non-financial corporations	1 125	1 373	1 163	947	973	– 104
Financial corporations	0	0	0	0	0	0
General government	0	0	0	0	0	0
Households including NPIs serving households	760	47	775	631	649	– 68
Value added (gross, basic prices)	579 590	583 832	588 535	597 414	614 986	631 032
Non-financial corporations	378 713	381 757	384 705	388 346	405 641	418 016
Financial corporations	45 913	49 483	48 741	48 028	46 653	43 910
General government	81 064	81 883	82 615	83 201	82 467	84 061
Households including NPIs serving households	73 900	70 709	72 474	77 839	80 225	85 045
	% volume changes					
From the output						
Output (basic prices)	2.6	– 0.8	– 0.3	1.6	3.2	2.4
Non-financial corporations	3.4	– 0.4	– 0.2	1.8	4.2	2.7
Financial corporations	0.1	– 4.5	– 1.6	– 1.1	0.0	0.0
General government	– 1.8	– 2.0	0.1	0.6	– 1.4	0.7
Households including NPIs serving households	3.1	– 0.2	– 0.9	2.8	3.0	2.9
Intermediate consumption (excl. deductible VAT) (–)	3.2	– 0.7	– 0.8	1.7	4.3	2.6
Non-financial corporations	4.2	0.0	– 0.8	2.0	5.1	2.9
Financial corporations	2.3	– 5.2	– 0.5	2.1	0.8	0.8
General government	– 5.1	– 5.7	– 0.3	1.4	– 0.9	1.7
Households including NPIs serving households	2.3	– 1.0	– 1.1	0.5	3.0	2.2
Value added (gross, basic prices)	2.0	– 0.8	0.1	1.5	2.0	2.1
Non-financial corporations	2.5	– 0.8	0.6	1.6	2.9	2.6
Financial corporations	– 1.2	– 4.0	– 2.3	– 3.0	– 0.5	– 0.4
General government	– 0.1	– 0.0	0.4	0.2	– 1.7	0.1
Households including NPIs serving households	4.1	0.8	– 0.7	5.5	3.0	3.7

M 4 Domestic product and national income, alternative definitions

	2011	2012	2013	2014	2015	2016*
	mln euro					
Domestic product (gross, market prices)	642 929	645 164	652 748	663 008	683 457	702 641
Consumption of fixed capital (–)	107 068	107 897	109 362	110 194	111 755	114 389
Domestic product (net, market prices)	535 861	537 267	543 386	552 814	571 702	588 252
Net primary income from the rest of the world	11 758	13 286	9 131	– 1 721	– 3 847	– 8 410
National income (gross, market prices)	654 687	658 450	661 879	661 287	679 610	694 231
National income (net, market prices)	547 619	550 553	552 517	551 093	567 855	579 842
Net current transfers from the rest of the world	– 9 450	– 9 275	– 11 780	– 10 632	– 10 822	– 7 277
Disposable national income (gross, marketprices)	645 237	649 175	650 099	650 655	668 788	686 954
Disposable national income (net, marketprices)	538 169	541 278	540 737	540 461	557 033	572 565
	euro					
Domestic product per capita (gross, market prices)	38 515	38 506	38 844	39 313	40 346	41 248
Domestic product per capita (net, market prices)	32 101	32 066	32 336	32 779	33 749	34 533
National income per capita (gross, market prices)	39 219	39 299	39 387	39 211	40 119	40 755
National income per capita (net, market prices)	32 805	32 859	32 879	32 677	33 522	34 039
Disposable national income per capita (gross, marketprices)	38 653	38 745	38 686	38 580	39 480	40 327
Disposable national income per capita (net, marketprices)	32 239	32 306	32 178	32 046	32 883	33 612
	% volume changes					
Domestic product (gross, market prices)	1.7	– 1.1	– 0.2	1.4	2.3	2.2
Domestic product (net, market prices)	1.7	– 1.5	– 0.4	1.5	2.4	2.3
National income (gross, market prices)	1.5	– 1.1	– 0.5	– 0.3	3.0	2.1
National income (net, market prices)	1.6	– 1.5	– 0.8	– 0.6	3.4	2.1
Disposable national income (gross, marketprices)	1.5	– 1.0	– 0.9	– 0.2	3.1	2.7
Disposable national income (net, marketprices)	1.6	– 1.5	– 1.3	– 0.4	3.4	2.8
	% price changes					
Domestic product (gross, market prices)	0.1	1.4	1.4	0.1	0.8	0.6
Domestic product (net, market prices)	0.4	1.8	1.6	0.2	1.0	0.6
National income (gross, market prices)	1.3	1.7	1.1	0.3	– 0.3	0.1
National income (net, market prices)	1.8	2.1	1.2	0.3	– 0.3	– 0.0
Disposable national income (gross, marketprices)	1.3	1.7	1.0	0.3	– 0.3	0.1
Disposable national income (net, marketprices)	1.8	2.1	1.2	0.3	– 0.3	– 0.0

M 5 Contribution to volume growth of domestic product (gross, marketprices)

	2011	2012	2013	2014	2015	2016*
	% volume changes					
Domestic product (gross, market prices)	1.7	– 1.1	– 0.2	1.4	2.3	2.2
	percentage points					
National final expenditure	0.3	– 1.9	– 1.0	0.4	1.3	1.2
Final consumption expenditure	0.0	– 0.8	– 0.4	0.0	0.3	0.5
General government	0.0	– 0.3	0.0	0.0	– 0.1	0.2
Households incl. NPIs serving households	0.0	– 0.5	– 0.4	0.0	0.4	0.3
Capital formation (gross) including changes in inventories ¹⁾	0.3	– 1.1	– 0.6	0.4	1.0	0.7
Exports	1.4	0.8	0.8	1.0	1.0	1.0
Goods from production	0.6	0.2	0.4	0.3	– 0.1	0.6
Re-exports	0.3	0.1	0.1	0.2	0.2	0.2
Services from production	0.5	0.5	0.3	0.5	0.9	0.2

¹⁾ Including acquisitions less disposals of valuables.

M 6 Supply and disposition of goods and services

	2011	2012	2013	2014	2015	2016*
	mln euro					
Disposable for final expenditure	1 085 372	1 111 841	1 118 250	1 138 538	1 181 500	1 204 610
Domestic product (gross, market prices)	642 929	645 164	652 748	663 008	683 457	702 641
Imports of goods and services	442 443	466 677	465 502	475 530	498 043	501 969
Goods	333 823	354 312	352 043	353 737	361 853	364 210
Services	108 620	112 365	113 459	121 793	136 190	137 759
Total final expenditure	1 085 372	1 111 841	1 118 250	1 138 538	1 181 500	1 204 610
National final expenditure	588 025	583 218	582 930	591 123	611 322	625 293
Final consumption expenditure	456 097	459 631	463 903	468 668	475 147	484 374
General government	167 158	169 875	170 258	171 986	171 677	173 682
Households incl. NPIs serving households	288 939	289 756	293 645	296 682	303 470	310 692
Fixed capital formation (gross)	130 402	121 928	117 107	119 530	132 464	140 049
Corporations	104 688	97 770	93 350	96 232	107 954	115 551
General government	25 714	24 158	23 757	23 298	24 510	24 498
Changes in inventories ¹⁾	1 526	1 659	1 920	2 925	3 711	870
Exports of goods and services	497 347	528 623	535 320	547 415	570 178	579 317
Goods	398 744	425 408	427 390	429 655	440 240	447 927
Services	98 603	103 215	107 930	117 760	129 938	131 390
	% volume changes					
Disposable for final expenditure	2.4	0.5	0.3	2.6	4.8	3.0
Domestic product (gross, market prices)	1.7	-1.1	-0.2	1.4	2.3	2.2
Imports of goods and services	3.5	2.7	1.0	4.2	8.4	4.1
Goods	2.9	2.8	1.3	3.3	8.1	5.3
Services	5.1	2.3	0.1	7.0	9.2	1.0
Total final expenditure	2.4	0.5	0.3	2.6	4.8	3.0
National final expenditure	0.8	-2.3	-1.4	0.9	3.3	1.8
Final consumption expenditure	0.0	-1.2	-0.7	0.3	1.2	1.4
General government	-0.2	-1.3	-0.1	0.3	-0.2	1.2
Households incl. NPIs serving households	0.2	-1.2	-1.0	0.3	2.0	1.6
Fixed capital formation (gross)	5.6	-6.3	-4.3	2.3	11.0	5.3
Corporations	7.8	-6.2	-4.6	3.4	12.3	6.5
General government	-2.7	-6.7	-3.0	-2.2	5.5	-0.3
Changes in inventories ¹⁾
Exports of goods and services	4.4	3.8	2.1	4.5	6.5	4.3
Goods	4.2	3.6	1.8	3.2	5.6	5.2
Services	5.3	4.6	3.3	9.3	9.7	1.4
	% price changes					
Disposable for final expenditure	2.6	2.0	0.3	-0.7	-1.0	-1.0
Domestic product (gross, market prices)	0.1	1.4	1.4	0.1	0.8	0.6
Imports of goods and services	6.5	2.7	-1.2	-2.0	-3.4	-3.2
Goods	8.1	3.2	-1.9	-2.7	-5.4	-4.4
Services	1.8	1.1	0.9	0.4	2.4	0.1
Total final expenditure	2.6	2.0	0.3	-0.7	-1.0	-1.0
National final expenditure	0.8	1.5	1.3	0.5	0.1	0.5
Final consumption expenditure	1.4	2.0	1.6	0.8	0.2	0.5
General government	0.2	3.0	0.3	0.8	0.0	0.0
Households incl. NPIs serving households	2.1	1.5	2.4	0.8	0.2	0.8
Fixed capital formation (gross)	-0.9	-0.2	0.3	-0.2	-0.1	0.4
Corporations	-1.3	-0.4	0.1	-0.3	-0.1	0.5
General government	0.8	0.6	1.4	0.2	-0.3	0.3
Changes in inventories ¹⁾
Exports of goods and services	4.8	2.4	-0.8	-2.1	-2.2	-2.6
Goods	6.2	3.0	-1.4	-2.6	-2.9	-3.3
Services	-0.4	0.1	1.3	-0.2	0.5	-0.3

¹⁾ Including acquisitions less disposals of valuables.

M 7 Deficit and debt of general government (EMU-definitions)

	2011	2012	2013	2014	2015	2016*
	mln euro					
Total revenues	274 438	278 801	286 539	291 176	292 740	307 822
Taxes	139 852	135 482	139 107	147 758	156 300	165 634
Taxes on production and imports	69 685	68 466	71 430	75 181	76 381	81 791
Current taxes on income and wealth	68 629	65 633	65 946	71 052	78 305	81 998
Capital taxes	1 538	1 383	1 731	1 525	1 614	1 845
Social security contributions	88 470	94 844	97 372	98 616	96 426	104 253
Market output	6 863	6 930	6 816	6 889	6 840	6 928
Payments for other non-market output	10 672	10 441	10 214	10 407	10 608	10 682
Property income	15 868	18 914	20 635	15 280	10 465	7 757
Interest	3 300	3 383	2 684	2 431	2 139	1 778
Other	12 568	15 531	17 951	12 849	8 326	5 979
Other revenue n.e.c	12 713	12 190	12 395	12 226	12 101	12 568
Own-account capital formation	5 388	5 312	5 456	5 477	5 636	5 814
Other subsidies on production	336	269	87	44	37	41
Imputed social contributions	3 556	3 369	3 414	3 315	3 160	3 111
Other current transfers	3 016	2 905	2 992	2 944	2 602	3 048
Capital transfers (excl. capital taxes)	417	335	446	446	666	554
Total expenditure (–)	302 010	303 865	302 036	306 204	306 759	305 249
Compensation of employees	59 718	60 113	60 193	60 423	59 651	60 974
Intermediate consumption	42 804	42 608	41 845	42 906	41 988	40 866
Capital formation (gross)	25 732	24 178	23 786	23 323	24 535	24 603
Social security benefits	104 444	109 200	112 320	114 036	110 147	112 047
In cash	47 521	49 760	52 261	53 518	54 668	55 269
In kind via market producers	56 923	59 440	60 059	60 518	55 479	56 778
Social assistance benefits	29 578	28 917	29 553	28 853	34 815	36 222
In cash	20 288	20 290	21 328	20 719	19 988	20 821
In kind via market producers	9 290	8 627	8 225	8 134	14 827	15 401
Subsidies	9 674	8 929	8 211	8 021	7 804	8 406
Property income	11 329	10 636	9 940	9 452	8 509	7 576
Interest	11 295	10 606	9 913	9 428	8 491	7 559
Other	34	30	27	24	18	17
Other revenue n.e.c	18 731	19 284	16 188	19 190	19 310	14 555
Other taxes on production	659	601	667	705	640	652
Current taxes on income and wealth	0	0	0	54	0	2
Unfunded employee social benefits	3 556	3 369	3 414	3 315	3 160	3 111
Other current transfers	11 963	11 977	11 828	12 700	12 950	8 804
Capital transfers	4 128	4 287	5 082	3 816	4 625	4 309
Acquisitions less disposals of non-produced non-financial assets	– 1 575	– 950	– 4 803	– 1 400	– 2 065	– 2 323
EDP-deficit	– 27 572	– 25 064	– 15 497	– 15 028	– 14 019	2 573
Central government	– 16 750	– 18 578	– 4 790	– 7 076	– 12 617	– 5 357
Local government	– 4 211	– 2 882	– 2 286	– 1 574	– 1 296	539
Social security funds	– 6 611	– 3 604	– 8 421	– 6 378	– 106	7 391
EDP-debt	395 731	427 767	442 543	450 615	441 401	434 205
Deposits	1 675	1 168	1 262	1 126	2 003	4 000
Short-term debt securities	43 445	32 976	26 086	23 083	14 032	16 586
Long-term debt securities	266 127	298 693	321 914	334 423	334 004	324 688
Short-term loans	17 867	26 778	25 768	26 280	26 119	24 170
Long-term loans	66 617	68 152	67 513	65 703	65 243	64 761
	% GDP					
EDP-deficit	– 4.3	– 3.9	– 2.4	– 2.3	– 2.1	0.4
EDP-debt	61.6	66.3	67.8	68.0	64.6	61.8

2.

Supply, use

and

input-output

tables

G 1 Supply table 2016* at basic prices (mln euro)

2016*												
	Agriculture, forestry and fishing	Mining and quarrying	Manufacturing	Electricity and gas supply	Water supply and waste management	Construction	Wholesale, retail trade and repair vehicles	Transportation and storage	Accommodation and food serving	Information and communication	Financial and insurance activities	Real estate activities
	1	2	3	4	5	6	7	8	9	10	11	12
1 Products of agriculture	27 017	0	110	0	0	0	0	0	0	0	0	0
2 Products of forestry	162	0	9	0	0	0	0	0	0	0	0	0
3 Products of fishing	328	0	0	0	0	0	0	0	0	0	0	0
4 Crude petroleum and natural gas	0	8 707	12	0	0	0	0	0	0	0	0	0
5 Other mining and quarrying products	0	3 328	230	0	136	46	2	0	0	0	0	0
6 Food products	333	0	59 759	0	496	0	1 061	0	0	0	0	0
7 Beverages and tobacco	0	0	6 587	0	0	0	38	0	0	0	0	0
8 Textiles, wearing apparel and leather	0	0	3 192	0	9	0	253	0	0	0	0	0
9 Wood, paper products and printing services	0	0	9 270	0	0	1	195	0	0	111	0	0
10 Coke and refined petroleum products	0	0	18 858	0	0	0	6	0	0	0	0	0
11 Chemicals and chemical products	1	80	37 815	0	324	0	757	0	0	0	0	0
12 Pharmaceutical products and preparations	0	0	3 889	0	0	0	31	0	0	0	0	0
13 Rubber, plastics and non-metallic minerals	0	0	12 841	0	55	151	313	0	0	0	0	0
14 Basic metals	0	0	6 059	0	386	0	79	0	0	0	0	0
15 Metal products	0	0	14 730	0	0	737	203	0	0	0	0	0
16 Computer, electronic and optical products	0	0	27 403	0	0	0	383	0	0	64	0	0
17 Electrical equipment	0	0	4 381	0	0	0	55	0	0	0	0	0
18 Machinery and equipment n.e.c.	0	0	21 445	0	0	0	1 394	0	0	0	0	0
19 Transport equipment	0	0	17 735	0	0	69	69	0	0	0	0	0
20 Other manufactured goods and repair	155	1	18 190	0	0	608	2 388	248	0	0	0	0
21 Electricity, gas, steam and air conditioning	338	4	182	11 808	335	0	0	11	0	0	0	0
22 Water supply and waste management	0	1	301	22	7 358	34	1 864	16	0	2	0	0
23 Constructions and construction works	89	0	13	1 252	16	86 338	44	224	0	71	0	1 863
24 Repair of motor vehicles and motorcycles	0	0	246	0	0	0	10 231	126	0	0	0	0
25 Transportation and storage services	388	0	10	0	0	56	215	51 267	0	0	0	0
26 Postal and courier services	0	0	5	0	0	0	0	5 205	0	0	0	0
27 Accommodation and food services	142	0	7	0	0	0	107	13	23 144	8	0	628
28 Publishing, audiovisual and broadcasting	0	0	2 193	0	0	0	610	0	0	12 770	0	17
29 Telecommunications services	0	0	0	23	0	0	0	0	0	15 016	0	0
30 IT- and information services	0	0	3 087	0	0	0	1 382	102	0	22 892	0	0
31 Financial and insurance services	0	0	0	0	0	0	0	0	0	0	66 694	530
32 Real estate services	107	12	478	0	34	332	1 025	368	191	85	2 079	75 677
33 Professional and technical activities	3	21	3 054	363	14	432	5 413	435	98	2 319	1 177	312
34 Scientific research and development services	4	0	1 307	0	1	0	330	0	0	194	1	0
35 Administrative and support services	234	62	1 533	23	71	164	2 181	1 719	213	5 667	1 713	16
36 Public administration and services	97	0	2 328	0	0	0	0	1 757	0	0	98	0
37 Education services	0	0	0	0	0	0	0	1	54	410	0	0
38 Human health and social work services	67	0	0	0	0	0	0	7	0	0	0	0
39 Arts, entertainment and recreation services	2	0	0	0	0	0	0	5	765	73	0	0
40 Other services	0	0	4	0	0	0	384	0	0	212	0	0
41 Services of households as employers	0	0	0	0	0	0	0	0	0	0	0	0
42 Contract wages, finishing and trade services	1	346	11 947	221	0	0	12 092	50	0	12	0	0
43 Services n.e.c.	0	0	0	0	0	0	0	0	0	0	0	0
44 Not imputed goods and services	237	7	3 273	1 154	136	293	2 126	825	67	1 567	959	77
45 Trade and transport margins	86	445	6 986	1 655	85	344	107 971	13 250	330	1 243	0	205
46 Cif/fob-adjustment and reclassification												
47 Cif/fob-reclassification												
48 Supply at basic prices	29 791	13 014	299 469	16 521	9 456	89 605	153 202	75 629	24 862	62 716	72 721	79 325

Professional, scientific, technical activities	Administrative and support service activities	Public administration and services	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers	Services n.e.c.	Domestic supply (columns 1–21)	Imports of goods	Imports of services	Supply at basic prices (columns 22–24)	Trade and transport margins	Taxes on products (excl. VAT)	Subsidies on products (–)	Total
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
2	22	15	0	0	0	0	0	0	27 166	19 507	0	46 673	11 772	197	16	58 626
0	0	0	0	0	0	0	0	0	171	335	0	506	76	3	9	576
0	0	0	0	0	0	0	0	0	328	615	0	943	382	3	2	1 326
0	0	0	0	0	0	0	0	0	8 719	26 362	0	35 081	945	3 307	0	39 333
613	0	33	0	0	0	0	0	0	4 388	4 074	542	9 004	1 230	5	0	10 239
0	0	0	0	0	0	0	0	0	61 649	28 266	0	89 915	23 095	692	40	113 662
0	0	0	0	0	0	0	0	0	6 625	4 017	0	10 642	4 545	3 802	0	18 989
0	0	0	0	0	0	0	0	0	3 454	17 350	0	20 804	12 434	267	0	33 505
0	13	0	0	0	0	0	0	0	9 590	8 669	0	18 259	4 351	8	0	22 618
0	0	0	0	0	0	0	0	0	18 864	21 497	0	40 361	2 669	8 402	0	51 432
0	0	0	0	0	0	0	0	0	38 977	34 355	0	73 332	8 968	167	0	82 467
0	0	61	0	0	0	0	0	0	3 981	18 078	0	22 059	7 548	34	0	29 641
0	13	0	0	0	0	0	0	0	13 373	13 775	0	27 148	6 649	76	0	33 873
0	0	0	0	0	0	0	0	0	6 524	15 734	0	22 258	2 672	205	0	25 135
731	0	0	0	0	0	0	0	0	16 401	6 757	0	23 158	4 031	28	0	27 217
50	6	0	0	0	0	0	0	0	27 906	59 878	0	87 784	14 183	400	0	102 367
0	0	0	0	0	0	0	0	0	4 436	15 157	0	19 593	4 789	85	0	24 467
336	24	0	0	0	0	0	0	0	23 199	27 997	0	51 196	8 085	138	0	59 419
0	0	1	0	0	0	10	0	0	17 884	28 780	0	46 664	6 891	1 652	11	55 196
229	22	0	0	0	0	3	0	0	21 844	17 088	586	39 518	9 136	42	0	48 696
0	0	0	0	0	0	0	0	0	12 678	947	0	13 625	1 102	1 657	963	15 421
0	0	4 683	2	0	9	45	0	0	14 337	2 739	27	17 103	125	362	2	17 588
2 006	144	489	0	0	0	0	0	0	92 549	0	1 429	93 978	0	0	19	93 959
0	362	0	0	0	0	0	0	0	10 965	0	0	10 965	0	0	0	10 965
103	1 183	867	10	265	0	0	0	0	54 364	0	8 042	62 406	0	0	1 386	61 020
0	0	0	0	0	0	0	0	0	5 210	0	998	6 208	0	0	0	6 208
0	289	49	149	406	1 194	42	0	0	26 178	0	872	27 050	0	0	0	27 050
946	0	224	83	0	10	10	0	0	16 863	1 514	448	18 825	2 169	1	0	20 995
0	178	0	0	0	0	0	0	0	15 217	0	1 470	16 687	0	0	0	16 687
2 364	326	0	31	0	0	225	0	0	30 409	0	4 618	35 027	0	0	0	35 027
11	82	0	0	0	0	7	0	0	67 324	0	4 336	71 660	0	2 465	0	74 125
964	246	998	225	276	38	106	0	0	83 241	0	15	83 256	0	0	5	83 251
75 136	1 094	402	912	0	614	83	0	0	91 882	0	27 228	119 110	0	2 292	85	121 317
2 761	38	6	500	217	0	2	0	0	5 361	0	1 400	6 761	0	0	0	6 761
6 831	60 825	496	278	91	492	52	0	0	82 661	0	46 414	129 075	0	3	6	129 072
592	36	63 080	2 526	0	0	0	0	0	70 514	0	44	70 558	0	0	0	70 558
37	19	277	32 338	612	516	0	0	0	34 264	0	78	34 342	0	0	0	34 342
0	0	506	0	79 741	0	0	0	0	80 321	0	0	80 321	0	0	514	79 807
0	11	313	546	0	12 250	0	0	0	13 965	254	380	14 599	93	241	244	14 689
0	108	15	0	0	25	12 027	0	0	12 775	0	343	13 118	0	0	8	13 110
0	0	0	0	0	0	0	547	0	547	0	0	547	0	0	0	547
796	157	0	0	0	0	0	0	0	25 622	0	12 476	38 098	0	0	0	38 098
0	0	0	0	0	0	0	0	0	0	0	16 486	16 486	0	0	0	16 486
2 376	433	1 919	3 064	1 407	516	130	0	1 704	22 270	0	0	22 270	0	0	0	22 270
1 732	445	0	0	0	4	124	0	0	134 905	0	3 035	137 940	– 137 940	0	0	0
										– 9 535		– 9 535				– 9 535
											6 492	6 492				6 492
98 616	66 076	74 434	40 664	83 015	15 668	12 866	547	1 704	1 319 901	364 210	137 759	1 821 870	0	26 534	3 310	1 845 094

G 2 Use table 2016* at purchasers' prices (mln euro)

2016*														
		Agriculture, forestry and fishing	Mining and quarrying	Manufacturing	Electricity and gas supply	Water supply and waste management	Construction	Wholesale, retail trade and repair vehicles	Transportation and storage	Accommodation and food serving	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific, technical activities
		1	2	3	4	5	6	7	8	9	10	11	12	13
1	Products of agriculture	5 681	1	18 923	4	0	120	295	0	465	0	0	2	3
2	Products of forestry	17	0	117	0	0	2	1	0	0	0	0	0	0
3	Products of fishing	18	0	269	0	0	0	2	0	32	0	0	0	0
4	Crude petroleum and natural gas	601	26	16 117	1 800	33	85	516	149	268	35	83	176	144
5	Other mining and quarrying products	79	788	2 017	1 159	6	887	33	0	0	0	0	6	0
6	Food products	4 327	0	21 067	123	337	36	509	10	4 105	23	15	2	18
7	Beverages and tobacco	2	0	237	0	0	18	38	17	1 677	18	19	1	39
8	Textiles, wearing apparel and leather	52	2	1 673	2	11	74	97	28	36	29	9	2	6
9	Wood, paper products and printing services	77	14	6 811	30	33	2 322	777	139	140	982	153	391	258
10	Coke and refined petroleum products	563	10	5 005	205	131	1 086	757	5 224	53	55	54	65	165
11	Chemicals and chemical products	898	30	23 698	102	144	832	435	0	2	32	6	88	189
12	Pharmaceutical products and preparations	98	0	631	0	0	0	9	0	0	0	0	0	122
13	Rubber, plastics and non-metallic minerals	233	9	6 125	70	22	7 784	867	239	44	45	110	502	193
14	Basic metals	1	0	8 801	0	60	1 187	184	0	0	0	0	70	30
15	Metal products	40	4	8 443	16	14	5 834	506	10	18	18	15	52	439
16	Computer, electronic and optical products	16	4	8 042	18	23	832	335	102	46	2 289	44	36	370
17	Electrical equipment	4	4	4 110	11	14	1 709	239	33	16	672	38	47	40
18	Machinery and equipment n.e.c.	43	17	8 226	15	7	1 249	870	6	7	23	3	1	296
19	Transport equipment	9	1	6 517	3	0	58	2 203	34	0	0	0	0	0
20	Other manufactured goods and repair	1 530	291	6 554	403	298	1 367	922	2 088	139	194	46	177	288
21	Electricity, gas, steam and air conditioning	419	809	2 811	1 776	136	111	1 035	297	406	194	131	233	186
22	Water supply and waste management	369	14	1 790	72	2 394	277	228	166	71	61	48	44	99
23	Constructions and construction works	322	67	675	982	101	23 866	536	787	91	430	23	8 576	2 336
24	Repair of motor vehicles and motorcycles	89	11	167	7	78	292	2 248	929	45	93	110	33	242
25	Transportation and storage services	273	12	2 864	36	444	68	4 865	18 980	44	179	99	21	363
26	Postal and courier services	29	3	105	10	8	82	557	1 510	33	249	382	128	199
27	Accommodation and food services	6	6	241	27	9	44	409	579	35	93	69	19	163
28	Publishing, audiovisual and broadcasting	19	22	1 002	110	53	220	2 345	260	145	1 447	448	112	3 136
29	Telecommunications services	79	12	404	33	30	236	1 093	223	104	2 408	718	268	1 002
30	IT- and information services	84	80	1 622	161	107	713	1 422	570	207	8 105	722	128	1 910
31	Financial and insurance services	357	253	3 361	256	126	1 183	3 265	1 305	233	910	11 951	23 380	1 282
32	Real estate services	226	34	1 904	75	121	724	5 616	1 189	1 305	809	1 028	2 187	2 168
33	Professional and technical activities	805	496	11 799	1 267	340	3 021	15 397	3 199	1 065	5 323	6 826	1 681	21 899
34	Scientific research and development services	0	0	0	0	0	0	0	0	0	0	0	0	493
35	Administrative and support services	666	714	21 284	518	472	2 243	7 970	4 762	1 171	6 203	2 476	881	8 147
36	Public administration and services	62	10	325	52	17	91	230	99	68	87	57	55	177
37	Education services	3	8	233	29	15	102	164	97	11	74	367	17	275
38	Human health and social work services	9	3	101	3	2	47	218	49	23	45	41	10	59
39	Arts, entertainment and recreation services	1	1	55	5	4	13	63	23	110	421	28	3	93
40	Other services	73	10	436	21	28	147	418	147	228	190	138	147	281
41	Services of households as employers	0	0	0	0	0	0	0	0	0	0	0	0	0
42	Contract wages, finishing and trade services	47	334	17 426	186	61	0	4 585	0	0	464	0	0	4
43	Services n.e.c.	7	4	446	14	7	58	1 018	211	50	86	249	10	179
44	Not imputed goods and services	14	1	316	14	19	620	73	34	31	19	25	215	34
45	Non-deductible VAT	0	0	71	0	0	0	8	376	0	158	1 815	1 679	0
46	Total intermediate consumption	18 248	4 105	222 821	9 615	5 705	59 640	63 358	43 871	12 524	32 463	28 346	41 445	47 327
47	Other taxes on production	374	23	472	159	53	128	530	284	248	73	1 692	3 941	166
48	Other subsidies on production (–)	900	7	605	1	46	77	356	121	29	241	43	7	1 393
49	Wages and salaries	2 308	819	32 063	1 475	1 436	13 018	36 025	13 645	5 094	13 072	14 683	2 768	26 320
50	Employers' social contributions	595	255	8 415	350	405	3 581	8 577	3 947	1 147	2 838	4 747	803	6 174
51	Operating surplus (gross)	9 166	7 819	36 303	4 923	1 903	13 315	45 068	14 003	5 878	14 511	23 296	30 375	20 022
52	Value added at basic prices (rows 47-51)	11 543	8 909	76 648	6 906	3 751	29 965	89 844	31 758	12 338	30 253	44 375	37 880	51 289
53	Sales of existing fixed assets	0	0	0	0	0	0	0	0	0	0	0	0	0
54	Consumption by non-residents in the Netherlands	0	0	0	0	0	0	0	0	0	0	0	0	0
55	Consumption by residents in the rest of the world	0	0	0	0	0	0	0	0	0	0	0	0	0
56	Cif/fob-adjustment													
57	Use at purchasers' prices	29 791	13 014	299 469	16 521	9 456	89 605	153 202	75 629	24 862	62 716	72 721	79 325	98 616

¹⁾ Including acquisitions less disposals of valuables.

Administrative and support service activities	Public administration and services	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers	Services n.e.c.	Total columns 1–21	Exports of goods	Exports of services	Final consumption households incl. NPISHs	Final consumption general government	Gross fixed capital formation	Changes in inventories ¹⁾	Consumption residents in rest of the world	Difference imputed and paid VAT	Total
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
268	154	0	319	36	52	0	130	26 453	25 579	0	6 458	0	233	– 97	0	0	58 626
0	11	0	0	0	0	0	0	148	419	0	9	0	0	0	0	0	576
0	5	0	26	0	1	0	0	353	837	0	136	0	0	0	0	0	1 326
69	123	173	234	144	171	0	0	20 947	14 518	0	4 304	24	0	– 460	0	0	39 333
14	116	1	0	0	0	0	1	5 107	1 763	2 859	48	0	503	– 41	0	0	10 239
15	176	47	1 591	300	93	0	157	32 951	52 167	0	28 402	0	0	142	0	0	113 662
29	60	22	119	619	8	0	115	3 038	6 966	0	8 978	0	0	7	0	0	18 989
100	213	4	266	20	74	0	62	2 760	15 998	0	14 430	0	284	33	0	0	33 505
519	253	146	752	39	149	0	240	14 225	5 960	0	2 218	0	231	– 16	0	0	22 618
606	169	89	73	104	120	0	0	14 534	28 343	0	8 102	0	0	453	0	0	51 432
228	109	86	522	21	307	0	131	27 860	50 195	0	4 350	0	0	62	0	0	82 467
0	250	24	2 923	0	0	0	4	4 061	18 953	0	2 038	4 055	0	534	0	0	29 641
211	116	48	380	45	107	0	324	17 474	13 810	0	2 184	0	529	– 124	0	0	33 873
0	5	30	0	0	12	0	0	10 380	14 722	0	0	0	0	33	0	0	25 135
24	565	92	43	5	33	0	219	16 390	7 644	0	1 271	0	1 965	– 53	0	0	27 217
76	93	61	798	36	39	0	86	13 346	75 689	0	4 669	1 221	7 147	295	0	0	102 367
37	126	53	74	27	24	0	115	7 393	14 008	0	2 406	40	577	43	0	0	24 467
18	28	15	27	13	14	0	11	10 889	39 257	0	221	0	9 052	0	0	0	59 419
9	96	1	0	0	5	0	0	8 936	25 166	0	6 921	6	14 579	– 412	0	0	55 196
531	748	71	987	58	83	0	12	16 787	18 218	2 182	7 922	0	3 363	224	0	0	48 696
98	318	173	321	257	159	0	0	9 870	831	0	4 613	10	97	0	0	0	15 421
45	1 796	55	402	79	25	0	0	8 035	4 185	108	2 753	2 505	0	2	0	0	17 588
86	4 229	641	728	169	58	0	0	44 703	0	2 581	435	402	45 838	0	0	0	93 959
1 918	137	59	136	63	63	0	0	6 720	0	0	4 245	0	0	0	0	0	10 965
1 462	274	73	348	28	101	0	0	30 534	0	23 470	6 605	411	0	0	0	0	61 020
75	348	93	340	43	35	0	0	4 229	0	1 652	327	0	0	0	0	0	6 208
954	157	54	984	64	57	0	0	3 970	0	0	23 009	71	0	0	0	0	27 050
434	610	500	374	159	77	0	29	11 502	2 293	747	4 965	0	1 481	7	0	0	20 995
227	327	131	465	278	125	0	0	8 163	0	1 353	7 171	0	0	0	0	0	16 687
531	1 291	229	462	54	91	0	0	18 489	0	8 130	188	0	8 220	0	0	0	35 027
841	1 953	119	1 012	223	370	0	0	52 380	0	4 739	16 526	0	480	0	0	0	74 125
716	740	472	1 787	164	455	0	0	21 720	0	15	56 173	3 615	1 728	0	0	0	83 251
5 435	4 360	1 095	1 148	718	871	0	0	86 745	0	21 722	2 771	317	9 762	0	0	0	121 317
0	0	0	0	0	0	0	0	493	0	1 744	0	0	4 524	0	0	0	6 761
5 474	2 774	2 353	2 389	841	493	0	0	71 831	0	43 206	11 708	421	1 906	0	0	0	129 072
82	43	26	119	21	35	0	0	1 656	0	740	1 524	66 259	379	0	0	0	70 558
102	628	100	457	45	21	0	0	2 748	0	52	3 415	28 127	0	0	0	0	34 342
95	787	52	2 291	14	18	0	0	3 867	0	0	12 040	63 900	0	0	0	0	79 807
177	185	141	39	1 972	31	0	0	3 365	84	128	9 896	978	0	238	0	0	14 689
144	204	51	693	82	375	0	0	3 813	0	127	8 926	244	0	0	0	0	13 110
0	0	0	0	0	0	0	0	0	0	0	4	543	0	0	0	0	547
0	0	0	0	0	0	0	0	23 107	8 810	6 181	0	0	0	0	0	0	38 098
495	359	41	7	12	40	0	0	3 293	0	0	0	0	0	0	13 193	0	16 486
89	24	19	77	10	70	0	0	1 704	0	0	1 102	0	19 464	0	0	0	22 270
0	3 696	1 036	2 417	235	341	0	68	11 900	0	0	25 432	533	10 520	0	0	172	48 557
22 234	28 656	8 476	26 130	6 998	5 203	0	1 704	688 869	446 415	121 736	308 895	173 682	142 862	870	13 193	172	1 896 694
514	406	243	384	59	36	0	0	9 785	0	0	0	0	0	0	0	0	9 785
219	16	22	1 747	13	23	0	0	5 866	0	0	0	0	0	0	0	0	5 866
20 703	23 096	18 853	35 308	2 970	3 539	522	0	267 717	0	0	0	0	0	0	0	0	267 717
5 058	8 105	5 833	9 584	729	919	25	0	72 087	0	0	0	0	0	0	0	0	72 087
17 786	14 187	7 281	13 356	4 925	3 192	0	0	287 309	0	0	0	0	0	0	0	– 172	287 137
43 842	45 778	32 188	56 885	8 670	7 663	547	0	631 032	0	0	0	0	0	0	0	– 172	630 860
0	0	0	0	0	0	0	0	0	1 512	0	1 301	0	– 2 813	0	0	0	0
0	0	0	0	0	0	0	0	0	0	12 697	– 12 697	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	13 193	0	0	0	– 13 193	0	0
									– 3 043								– 3 043
66 076	74 434	40 664	83 015	15 668	12 866	547	1 704	1 319 901	447 927	131 390	310 692	173 682	140 049	870	0	0	2 524 511

G 3 Input-output table 2016* at basic prices (mln euro)

2016*														
	Agriculture, forestry and fishing	Mining and quarrying	Manufacturing	Electricity and gas supply	Water supply and waste management	Construction	Wholesale, retail trade and repair vehicles	Transportation and storage	Accommodation and food serving	Information and communication	Financial and insurance activities	Real estate activities	Professional, scientific, technical activities	Administrative and support service activities
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1 Agriculture, forestry and fishing	4 857	2	9 542	1	11	114	213	193	131	6	2	21	12	48
2 Mining and quarrying	159	793	1 236	130	10	230	169	45	80	2	20	79	43	22
3 Manufacturing	5 538	356	52 077	518	632	10 178	3 656	3 043	2 384	2 049	432	793	1 253	1 128
4 Electricity and gas supply	258	817	2 290	2 124	116	56	722	216	276	119	84	169	137	58
5 Water supply and waste management	428	21	1 650	43	1 817	354	179	126	59	43	42	33	74	23
6 Construction	369	82	953	891	105	23 448	582	858	91	433	24	7 883	2 024	81
7 Wholesale, retail trade and repair vehicles	454	56	2 853	131	255	784	6 581	1 126	125	860	135	94	769	1 936
8 Transportation and storage	265	15	3 297	46	438	142	4 214	13 105	72	399	479	151	475	1 424
9 Accommodation and food serving	6	6	241	27	9	44	397	478	302	99	68	19	162	175
10 Information and communication	137	79	2 265	220	135	922	3 500	799	324	8 952	1 462	436	4 475	987
11 Financial and insurance activities	287	238	2 917	219	121	1 032	2 792	1 095	291	856	10 324	23 151	1 344	743
12 Real estate activities	99	21	1 238	62	77	1 041	3 806	778	886	612	790	2 459	1 975	477
13 Professional, scientific, technical activities	734	370	8 210	647	255	2 540	11 246	2 525	821	4 090	2 735	1 279	18 107	3 707
14 Administrative and support service activities	325	569	8 107	466	420	1 824	4 788	4 545	1 068	2 411	2 297	784	4 495	5 211
15 Public administration and services	91	21	600	64	130	141	546	400	94	123	76	74	476	153
16 Education	3	8	238	29	17	93	170	97	25	102	328	20	707	111
17 Human health and social work activities	10	3	123	3	2	48	244	177	23	45	42	10	59	97
18 Arts, entertainment and recreation	1	1	115	5	13	21	197	26	107	536	59	13	516	219
19 Other service activities	70	10	419	22	23	152	371	125	213	182	153	116	288	162
20 Activities of households as employers	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21 Services n.e.c.	14	1	316	14	19	620	73	34	31	19	25	215	34	89
22 Total of rows 1–21	14 105	3 469	98 687	5 662	4 605	43 784	44 446	29 791	7 403	21 938	19 577	37 799	37 425	16 851
23 Imports of goods	2 033	58	76 620	3 013	660	8 207	4 127	3 454	2 610	2 356	206	537	947	878
24 Imports of services	386	452	28 130	659	192	1 746	11 595	8 779	486	7 255	6 459	762	8 279	3 629
25 Import duties	4	0	384	1	5	54	15	50	26	11	0	1	4	4
26 Other taxes on imports	189	21	298	11	73	425	426	656	330	33	49	45	106	289
27 Import subsidies (–)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28 Non-deductible VAT	0	0	71	0	0	0	8	376	0	158	1 815	1 679	0	0
29 Taxes on domestic products	335	15	606	12	40	215	686	430	261	104	117	294	147	174
30 Subsidies on domestic products (–)	51	8	267	6	10	31	158	122	38	49	28	29	68	101
31 Trade and transport margins	1 247	98	18 292	263	140	5 240	2 213	457	1 446	657	151	357	487	510
32 Total of rows 22–31	18 248	4 105	222 821	9 615	5 705	59 640	63 358	43 871	12 524	32 463	28 346	41 445	47 327	22 234
33 Other taxes on production	374	23	472	159	53	128	530	284	248	73	1 692	3 941	166	514
34 Other subsidies on production (–)	900	7	605	1	46	77	356	121	29	241	43	7	1 393	219
35 Wages and salaries	2 308	819	32 063	1 475	1 436	13 018	36 025	13 645	5 094	13 072	14 683	2 768	26 320	20 703
36 Employers' social contributions	595	255	8 415	350	405	3 581	8 577	3 947	1 147	2 838	4 747	803	6 174	5 058
37 Operating surplus (gross)	9 166	7 819	36 303	4 923	1 903	13 315	45 068	14 003	5 878	14 511	23 296	30 375	20 022	17 786
38 Value added at basic prices (33–37)	11 543	8 909	76 648	6 906	3 751	29 965	89 844	31 758	12 338	30 253	44 375	37 880	51 289	43 842
39 Cif/fob-adjustment														
40 Total	29 791	13 014	299 469	16 521	9 456	89 605	153 202	75 629	24 862	62 716	72 721	79 325	98 616	66 076

¹⁾ Including acquisitions less disposals of valuables.

Public administration and services	Education	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers	Services n.e.c.	Total columns 1–21	Exports of goods	Exports of services	Final consumption households incl. NPISHs	Final consumption general government	Gross fixed capital formation	Changes in inventories ¹⁾	Trade and transport margins	Difference imputed and paid VAT	Cif/job-adjustment and reclassification	Cif/job-reclassification	Total
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33
152	15	135	37	29	0	42	15 563	11 819	274	1 638	159	457	– 205	86	0			29 791
45	48	55	46	52	0	23	3 287	5 914	2 358	849	12	162	– 13	445	0			13 014
1 448	344	1 803	648	317	0	461	89 058	159 364	10 845	15 568	3 408	14 238	2	6 986	0			299 469
197	122	217	185	92	0	0	8 255	776	132	3 420	10	2 273	0	1 655	0			16 521
1 699	46	352	68	19	0	1	7 077	617	153	1 267	129	141	– 13	85	0			9 456
4 052	588	691	162	61	0	2	43 380	232	2 687	464	402	42 096	0	344	0			89 605
314	73	238	100	82	0	10	16 976	13 517	7 767	7 699	11	– 753	14	107 971	0			153 202
803	170	653	68	130	0	0	26 346	50	26 005	6 653	2 252	1 073	0	13 250	0			75 629
170	55	931	103	55	0	0	3 347	0	3 642	17 404	72	67	0	330	0			24 862
1 702	643	1 022	363	214	0	4	28 641	1 081	13 552	10 828	17	7 344	10	1 243	0			62 716
1 949	122	954	202	354	0	0	48 991	0	7 332	15 090	132	1 176	0	0	0			72 721
238	214	992	115	277	0	0	16 157	0	914	55 871	3 581	2 597	0	205	0			79 325
3 435	824	851	606	686	0	6	63 674	202	16 890	2 686	909	12 533	– 10	1 732	0			98 616
1 996	2 069	2 238	715	419	0	0	44 747	42	8 914	10 944	207	777	0	445	0			66 076
1 272	148	797	84	43	0	0	5 333	172	840	3 684	61 784	2 621	0	0	0			74 434
833	574	285	172	73	0	0	3 885	0	489	2 751	30 133	3 406	0	0	0			40 664
790	52	2 572	14	18	0	0	4 332	0	287	12 452	64 370	1 574	0	0	0			83 015
174	134	41	1 800	35	0	0	4 013	31	1 259	8 809	994	516	42	4	0			15 668
189	52	689	80	496	0	0	3 812	28	254	8 213	244	191	0	124	0			12 866
0	0	0	0	0	0	0	0	0	0	4	543	0	0	0	0			547
24	19	77	10	70	0	0	1 704	0	0	0	0	0	0	0	0			1 704
21 482	6 312	15 593	5 578	3 522	0	549	438 578	193 845	104 594	186 294	169 369	92 489	– 173	134 905	0			1 319 901
1 239	485	4 428	359	480	0	252	112 949	206 740	1 208	28 228	1 147	22 440	1 033	0	0	– 9 535		364 210
1 507	287	670	321	351	0	0	81 945	0	25 188	14 800	0	6 299	0	3 035	0		6 492	137 759
5	0	16	3	4	0	2	589	1 458	6	197	0	80	10	0	0			2 340
75	67	112	98	76	0	9	3 388	98	94	5 346	2	848	0	0	0			9 776
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
3 696	1 036	2 417	235	341	0	68	11 900	0	1 219	24 213	533	10 520	0	0	172			48 557
167	71	146	158	94	0	8	4 080	0	106	7 936	4	2 292	0	0	0			14 418
53	32	22	89	21	0	0	1 183	145	182	1 314	455	31	0	0	0			3 310
538	250	2 770	335	356	0	816	36 623	45 931	2 200	44 992	3 082	5 112	0	0	0			137 940
28 656	8 476	26 130	6 998	5 203	0	1 704	688 869	447 927	134 433	310 692	173 682	140 049	870	137 940	172	– 9 535	6 492	2 031 591
406	243	384	59	36	0	0	9 785	0	0	0	0	0	0	0	0			9 785
16	22	1 747	13	23	0	0	5 866	0	0	0	0	0	0	0	0			5 866
23 096	18 853	35 308	2 970	3 539	522	0	267 717	0	0	0	0	0	0	0	0			267 717
8 105	5 833	9 584	729	919	25	0	72 087	0	0	0	0	0	0	0	0			72 087
14 187	7 281	13 356	4 925	3 192	0	0	287 309	0	0	0	0	0	0	0	– 172			287 137
45 778	32 188	56 885	8 670	7 663	547	0	631 032	0	0	0	0	0	0	0	– 172			630 860
								– 3 043										– 3 043
74 434	40 664	83 015	15 668	12 866	547	1 704	1 319 901	447 927	131 390	310 692	173 682	140 049	870	137 940	0	– 9 535	6 492	2 659 408

3.

Final expenditure

B 1.1 Final consumption expenditure by type of goods and services

	2011	2012	2013	2014	2015	2016*
	mln euro					
Final consumption expenditure of households including NPIs serving households, domestic	286 499	287 196	291 597	295 021	302 386	310 196
Goods	130 071	130 044	128 806	127 548	129 823	132 206
Food	30 784	31 778	32 349	32 689	33 744	34 747
Potatoes, vegetables and fruits	6 213	6 329	6 628	6 739	7 076	7 525
Meat and meat products	6 002	6 211	6 242	6 166	6 334	6 408
Fish	959	948	913	931	971	1 022
Dairy products	4 696	4 794	4 807	4 988	5 082	5 104
Bread, rusks and bread products	5 263	5 495	5 591	5 574	5 654	5 814
Other food products	7 651	8 001	8 168	8 291	8 627	8 874
Beverages	5 264	5 514	5 637	5 652	5 633	5 788
Non-alcoholic beverages	1 882	1 991	2 023	2 011	1 987	2 120
Alcoholic beverages	3 382	3 523	3 614	3 641	3 646	3 668
Tobacco	4 601	4 725	4 654	4 424	4 448	4 778
Durable consumer goods	55 176	52 330	50 379	51 012	52 779	54 252
Textiles and clothing	12 451	12 174	11 944	12 176	12 469	12 987
Leather goods and footwear	3 542	3 456	3 288	3 306	3 366	3 282
Home furnishing and home decoration	11 581	11 006	10 480	10 503	10 964	11 368
Electrical equipment	8 467	8 547	8 242	8 425	8 390	8 494
Vehicles	11 678	9 848	9 371	9 755	10 621	10 817
Other durable consumer goods n.e.c.	7 457	7 299	7 054	6 847	6 969	7 304
Electricity, gas, water and motor fuels	21 353	22 749	22 756	20 597	19 922	19 075
Electricity, gas and water	9 983	10 973	11 528	9 890	10 032	9 464
Motor fuels	11 370	11 776	11 228	10 707	9 890	9 611
Personal care products	5 603	5 737	5 895	6 100	6 170	6 414
Other goods	7 290	7 211	7 136	7 074	7 127	7 152
Services	156 428	157 152	162 791	167 473	172 563	177 990
Housing	53 285	55 207	57 502	59 858	61 937	63 566
Actual and imputed rentals for housing	46 403	48 040	50 239	52 584	54 593	56 141
Services for house and garden	6 882	7 167	7 263	7 274	7 344	7 425
Hotels and restaurants services	20 086	20 313	20 695	21 799	23 258	24 992
Food and beverage serving services	16 359	16 495	16 780	17 606	18 674	20 047
Accommodation services	3 727	3 818	3 915	4 193	4 584	4 945
Recreational and cultural services	14 108	14 439	14 563	14 886	15 689	16 113
Recreational services	10 312	10 514	10 563	10 729	11 115	11 234
Cultural services	3 796	3 925	4 000	4 157	4 574	4 879
Transport and communication services	15 545	15 544	15 722	15 687	15 998	16 046
Transport services	5 878	6 031	6 262	6 415	6 791	7 018
Communication services	9 667	9 513	9 460	9 272	9 207	9 028
Medical services and welfare	9 566	10 504	11 748	12 082	12 317	12 136
Medical services	5 947	6 445	7 357	7 583	7 671	7 646
Welfare	3 619	4 059	4 391	4 499	4 646	4 490
Financial and business services	21 922	19 232	20 413	20 744	20 347	21 364
Other services	21 916	21 913	22 148	22 417	23 017	23 773
Final consumption by non-residents in the Netherlands (–)	9 230	9 569	10 343	11 068	11 876	12 697
Final consumption by residents in the rest of the world	11 670	12 129	12 391	12 729	12 960	13 193
Final consumption expenditure of households including NPIs serving households, national	288 939	289 756	293 645	296 682	303 470	310 692
Individual final consumption of general government	111 659	114 423	113 518	114 934	115 028	115 861
Goods	6 445	5 888	5 443	5 511	5 692	5 670
Durable consumer goods	1 371	1 428	1 356	1 404	1 442	1 352
Home furnishing and home decoration	1	1	1	2	0	0
Electrical equipment	53	55	54	62	70	71
Vehicles	8	8	7	7	7	7
Other durable consumer goods n.e.c.	1 309	1 364	1 294	1 333	1 365	1 274
Electricity, gas, water and motor fuels	23	24	25	29	34	29
Personal care products	5 051	4 436	4 062	4 078	4 216	4 289
Services	105 214	108 535	108 075	109 423	109 336	110 191
Housing	3 489	3 497	3 605	3 971	4 363	4 644
Hotels and restaurants services	41	34	32	47	76	75
Recreational and cultural services	15 770	16 668	15 512	16 204	15 617	13 532
Transport and communication services	492	492	481	428	453	435
Medical services and welfare	58 099	60 698	61 204	61 368	61 095	62 951
Financial and business services	911	696	708	653	649	637
Other services	26 412	26 450	26 533	26 752	27 083	27 917
Actual individual final consumption	400 598	404 179	407 163	411 616	418 498	426 553
Collective final consumption of general government	55 499	55 452	56 740	57 052	56 649	57 821
Final consumption expenditure	456 097	459 631	463 903	468 668	475 147	484 374

B 1.2 Final consumption expenditure by type of goods and services, volume changes

	2011	2012	2013	2014	2015	2016*
	%					
Final consumption expenditure of households including NPIs serving households, domestic	0.4	-1.1	-0.8	0.4	2.2	1.6
Goods	-0.5	-2.2	-2.7	-0.3	2.6	1.5
Food	1.0	0.9	-0.4	1.4	2.7	1.9
Potatoes, vegetables and fruits	0.3	0.8	0.6	4.5	2.8	2.1
Meat and meat products	-0.2	-0.3	-1.5	-0.6	3.1	-0.3
Fish	3.3	-3.5	-3.8	2.1	2.6	1.8
Dairy products	2.2	0.3	-1.8	0.1	2.6	2.0
Bread, rusks and bread products	-0.8	1.1	0.2	-0.6	0.6	2.3
Other food products	2.8	2.6	0.4	2.5	3.8	3.0
Beverages	2.6	1.9	-1.9	-1.1	-0.8	0.6
Non-alcoholic beverages	4.5	2.3	-1.5	-2.2	-1.9	1.3
Alcoholic beverages	1.6	1.6	-2.1	-0.5	-0.2	0.1
Tobacco	-3.7	-2.9	-12.1	-7.0	-3.2	-1.7
Durable consumer goods	-0.2	-5.4	-4.7	2.4	3.9	1.8
Textiles and clothing	-1.5	-2.7	-2.7	2.7	3.4	2.7
Leather goods and footwear	2.0	-2.7	-6.1	1.0	3.1	-2.8
Home furnishing and home decoration	-2.5	-6.2	-5.8	0.9	3.9	1.6
Electrical equipment	1.5	3.3	-2.1	7.9	3.1	4.2
Vehicles	1.0	-15.9	-8.2	3.0	6.5	-0.4
Other durable consumer goods n.e.c.	0.7	-3.3	-4.4	-2.8	2.2	2.8
Electricity, gas, water and motor fuels	-5.2	0.8	-0.1	-7.8	2.5	1.9
Electricity, gas and water	-10.8	5.1	3.2	-13.0	3.5	1.6
Motor fuels	0.7	-2.9	-3.2	-2.5	1.6	2.3
Personal care products	2.7	0.0	0.3	3.6	1.3	3.0
Other goods	1.2	-4.6	-2.3	-0.2	0.9	-2.4
Services	1.1	-0.2	0.7	0.9	1.9	1.7
Housing	1.3	1.2	0.7	0.9	1.0	0.8
Actual and imputed rentals for housing	1.2	1.1	0.9	0.9	1.0	0.9
Services for house and garden	2.4	1.4	-0.4	1.4	1.2	0.5
Hotels and restaurants services	2.7	-1.3	0.4	3.4	4.3	5.0
Food and beverage serving services	2.7	-1.5	-0.6	3.0	3.9	5.1
Accommodation services	2.7	-0.6	4.6	4.9	5.9	4.7
Recreational and cultural services	2.4	-1.4	-1.2	0.4	3.5	2.5
Recreational services	2.9	-1.5	-1.8	-0.2	2.0	1.4
Cultural services	1.2	-1.0	0.5	2.2	7.3	5.2
Transport and communication services	-1.1	-2.2	0.2	1.4	3.3	2.4
Transport services	1.5	-2.3	0.9	1.6	3.2	4.1
Communication services	-2.6	-2.2	-0.2	1.3	3.4	1.1
Medical services and welfare	6.8	6.7	9.1	1.9	2.1	-1.3
Medical services	5.3	5.9	10.1	2.1	1.3	-0.5
Welfare	9.4	8.2	7.4	1.6	3.5	-2.7
Financial and business services	-0.4	-1.7	1.1	-1.0	0.1	0.9
Other services	-0.7	-1.9	-1.8	-0.4	1.4	1.9
Final consumption by non-residents in the Netherlands (-)	3.2	1.7	6.8	5.7	5.9	5.1
Final consumption by residents in the rest of the world	-2.5	0.2	0.5	2.0	1.5	3.8
Final consumption expenditure of households including NPIs serving households, national	0.2	-1.2	-1.0	0.3	2.0	1.6
Individual final consumption of general government	1.3	-0.9	-1.0	0.4	0.4	1.2
Goods	0.9	-2.8	-5.5	1.9	3.5	1.8
Durable consumer goods	0.7	5.3	-5.3	4.9	1.5	-5.2
Home furnishing and home decoration	.	.	.	.	.	.
Electrical equipment	7.8	5.7	-1.8	14.8	11.3	1.4
Vehicles	0.0	-12.5	-12.5	0.0	0.0	0.0
Other durable consumer goods n.e.c.	0.4	5.4	-5.4	4.5	1.2	-5.6
Electricity, gas, water and motor fuels	-8.7	0.0	8.3	16.0	34.5	2.9
Personal care products	1.0	-5.0	-5.7	0.8	4.0	4.2
Services	1.3	-0.7	-0.7	0.4	0.2	1.2
Housing	1.4	-0.2	-0.2	-0.7	1.3	4.9
Hotels and restaurants services	-8.9	-19.5	-2.9	43.8	59.6	-2.6
Recreational and cultural services	-0.9	-5.1	-1.0	1.9	0.9	-1.2
Transport and communication services	-2.7	-7.7	-6.7	-12.7	3.5	-6.0
Medical services and welfare	2.8	0.5	-1.0	0.2	-0.0	2.3
Financial and business services	-17.2	-24.0	0.6	-6.5	-0.3	-2.9
Other services	0.2	0.1	0.1	0.3	-0.0	-0.2
Actual individual final consumption	0.5	-1.1	-1.0	0.3	1.6	1.5
Collective final consumption of general government	-3.2	-2.2	1.7	-0.1	-1.3	1.0
Final consumption expenditure	0.0	-1.2	-0.7	0.3	1.2	1.4

B 1.3 Final consumption expenditure by type of goods and services, price changes

	2011	2012	2013	2014	2015	2016*
	%					
Final consumption expenditure of households including NPIs serving households, domestic	2.0	1.4	2.4	0.8	0.3	1.0
Goods	2.0	2.2	1.8	-0.7	-0.8	0.4
Food	2.2	2.3	2.2	-0.3	0.5	1.1
Potatoes, vegetables and fruits	1.7	1.0	4.1	-2.7	2.2	4.1
Meat and meat products	2.5	3.8	2.0	-0.6	-0.4	1.5
Fish	2.9	2.5	0.1	-0.1	1.7	3.4
Dairy products	1.6	1.8	2.1	3.6	-0.7	-1.6
Bread, rusks and bread products	2.3	3.3	1.5	0.3	0.9	0.6
Other food products	2.5	1.9	1.6	-1.0	0.3	-0.1
Beverages	1.4	2.8	4.2	1.4	0.5	2.2
Non-alcoholic beverages	2.7	3.4	3.1	1.7	0.7	5.3
Alcoholic beverages	0.7	2.5	4.8	1.3	0.4	0.5
Tobacco	5.5	5.8	12.1	2.2	3.9	9.3
Durable consumer goods	-0.0	0.2	1.1	-1.1	-0.4	1.0
Textiles and clothing	1.1	0.5	0.8	-0.7	-1.0	1.4
Leather goods and footwear	1.1	0.3	1.4	-0.5	-1.3	0.3
Home furnishing and home decoration	1.8	1.3	1.0	-0.7	0.5	2.0
Electrical equipment	-5.8	-2.3	-1.5	-5.3	-3.4	-2.8
Vehicles	-0.0	0.2	3.7	1.1	2.2	2.2
Other durable consumer goods n.e.c.	1.9	1.2	1.1	-0.1	-0.4	1.9
Electricity, gas, water and motor fuels	7.7	5.6	0.1	-1.8	-5.7	-6.1
Electricity, gas and water	5.1	4.6	1.8	-1.4	-2.0	-7.1
Motor fuels	10.1	6.7	-1.5	-2.2	-9.1	-5.0
Personal care products	0.0	2.4	2.4	-0.1	-0.2	1.0
Other goods	0.4	3.6	1.3	-0.7	-0.1	2.8
Services	2.0	0.7	2.8	2.0	1.1	1.4
Housing	1.7	2.4	3.4	3.1	2.4	1.8
Actual and imputed rentals for housing	1.6	2.4	3.6	3.8	2.8	2.0
Services for house and garden	2.5	2.7	1.8	-1.3	-0.2	0.6
Hotels and restaurants services	2.0	2.5	1.5	1.9	2.3	2.3
Food and beverage serving services	2.3	2.4	2.3	1.8	2.1	2.1
Accommodation services	0.8	3.0	-2.0	2.1	3.2	3.0
Recreational and cultural services	2.5	3.8	2.1	1.8	1.9	0.2
Recreational services	1.6	3.5	2.3	1.8	1.6	-0.3
Cultural services	4.9	4.4	1.4	1.7	2.6	1.4
Transport and communication services	2.2	2.3	0.9	-1.6	-1.3	-2.0
Transport services	1.6	5.0	2.9	0.8	2.6	-0.7
Communication services	2.5	0.6	-0.4	-3.3	-3.9	-3.0
Medical services and welfare	1.3	2.9	2.6	0.9	-0.2	-0.1
Medical services	0.6	2.4	3.7	1.0	-0.1	0.2
Welfare	2.4	3.7	0.8	0.8	-0.3	-0.7
Financial and business services	2.2	-10.7	5.0	2.6	-2.1	4.1
Other services	2.3	1.9	2.9	1.6	1.2	1.3
Final consumption by non-residents in the Netherlands (-)	1.1	2.0	1.2	1.2	1.3	1.7
Final consumption by residents in the rest of the world	4.3	3.7	1.7	0.7	0.3	-2.0
Final consumption expenditure of households including NPIs serving households, national	2.1	1.5	2.4	0.8	0.2	0.8
Individual final consumption of general government	-0.5	3.4	0.2	0.8	-0.3	-0.5
Goods	-1.1	-6.0	-2.1	-0.6	-0.2	-2.2
Durable consumer goods	1.8	-1.1	0.3	-1.3	1.2	-1.1
Home furnishing and home decoration	.	.	.	.	.	.
Electrical equipment	-3.6	-1.8	0.0	0.0	1.4	0.0
Vehicles	0.0	14.3	0.0	0.0	0.0	0.0
Other durable consumer goods n.e.c.	2.0	-1.2	0.3	-1.4	1.2	-1.2
Electricity, gas, water and motor fuels	9.5	4.3	-3.8	0.0	-12.8	-17.1
Personal care products	-1.9	-7.6	-2.9	-0.4	-0.6	-2.4
Services	-0.5	3.9	0.3	0.9	-0.3	-0.4
Housing	0.7	0.5	3.3	11.0	8.5	1.4
Hotels and restaurants services	0.0	3.0	-3.0	2.2	1.3	1.4
Recreational and cultural services	1.7	11.4	-6.0	2.5	-4.5	-12.3
Transport and communication services	3.1	8.4	4.8	1.9	2.3	2.1
Medical services and welfare	-0.8	4.0	1.9	0.0	-0.4	0.7
Financial and business services	2.0	0.6	1.1	-1.4	-0.3	1.1
Other services	-1.3	0.1	0.2	0.5	1.2	3.3
Actual individual final consumption	1.4	2.0	1.8	0.8	0.1	0.5
Collective final consumption of general government	1.7	2.2	0.6	0.7	0.6	1.1
Final consumption expenditure	1.4	2.0	1.6	0.8	0.2	0.5

B 2.1 Final consumption expenditure by purpose

	2011	2012	2013	2014	2015	2016*
	mln euro					
Final consumption expenditure of households including NPIs serving households, national	288 939	289 756	293 645	296 682	303 470	310 692
Food and non-alcoholic beverages	31 592	32 659	33 207	33 533	34 530	35 624
Bread and cereals	6 524	6 859	6 960	6 950	7 039	7 228
Meat and meat products	6 383	6 623	6 668	6 591	6 772	6 862
Fish	952	944	930	949	1 004	1 056
Dairy products, oils and fats	4 511	4 570	4 599	4 775	4 863	4 885
Potatoes, vegetables and fruits	5 911	6 014	6 319	6 421	6 764	7 205
Sugar, sweets and ice-cream	2 384	2 473	2 446	2 488	2 596	2 684
Other food n.e.c.	2 080	2 182	2 304	2 400	2 472	2 555
Coffee, tea and cocoa	980	1 017	994	989	1 085	1 093
Mineral waters, soft drinks, fruit and vegetable juices	1 867	1 977	1 987	1 970	1 935	2 056
Alcoholic beverages, tobacco and narcotics	8 945	9 289	9 351	9 147	9 228	9 623
Clothing and footwear	15 166	14 814	14 453	14 686	15 036	15 476
Clothing	12 376	12 091	11 868	12 084	12 381	12 882
Footwear	2 790	2 723	2 585	2 602	2 655	2 594
Housing, water, electricity, gas and other fuels	62 054	64 798	67 629	68 275	70 426	71 434
Actual and imputed rentals for housing	46 403	48 040	50 239	52 584	54 593	56 141
Maintenance and repair of the dwelling	1 546	1 470	1 423	1 394	1 409	1 466
Water supply and miscellaneous services	3 005	2 915	2 925	3 022	3 079	3 087
Electricity, gas and other fuels	11 100	12 373	13 042	11 275	11 345	10 740
Furnishings, household equipment and household maintenance	15 983	15 570	14 943	15 154	15 684	16 316
Health	9 052	9 539	10 563	10 762	10 905	11 032
Transport	38 861	37 494	36 856	36 918	37 618	38 040
Purchase of vehicles	10 807	9 034	8 548	8 892	9 769	9 913
Operation of personal transport equipment	22 521	22 786	22 398	21 962	21 374	21 429
Transport services	5 533	5 674	5 910	6 064	6 475	6 698
Communication	9 613	9 791	9 819	9 865	9 709	9 597
Recreation and culture	34 229	34 104	33 611	33 639	34 686	35 314
Education	2 002	2 082	2 130	2 223	2 335	2 372
Restaurants and hotels	20 042	20 267	20 647	21 749	23 178	24 904
Social protection	3 612	4 050	4 379	4 487	4 633	4 478
Other	35 348	32 739	34 009	34 583	34 418	35 986
Final consumption by non-residents in the Netherlands (–)	9 230	9 569	10 343	11 068	11 876	12 697
Final consumption by residents in the rest of the world	11 670	12 129	12 391	12 729	12 960	13 193
Individual final consumption of general government	111 659	114 423	113 518	114 934	115 028	115 861
Housing, water, electricity, gas and other fuels	2 319	2 296	2 436	2 820	3 118	3 376
Health	45 588	48 122	47 937	48 572	48 973	48 798
Recreation and culture	4 462	4 308	4 277	4 195	4 128	3 617
Education	28 570	28 485	28 623	28 799	29 117	29 591
Social protection	30 720	31 212	30 245	30 548	29 692	30 479
Actual individual final consumption	400 598	404 179	407 163	411 616	418 498	426 553
Food and non-alcoholic beverages	31 592	32 659	33 207	33 533	34 530	35 624
Alcoholic beverages, tobacco and narcotics	8 945	9 289	9 351	9 147	9 228	9 623
Clothing and footwear	15 166	14 814	14 453	14 686	15 036	15 476
Housing, water, electricity, gas and other fuels	64 373	67 094	70 065	71 095	73 544	74 810
Furnishings, household equipment and household maintenance	15 983	15 570	14 943	15 154	15 684	16 316
Health	54 640	57 661	58 500	59 334	59 878	59 830
Transport	38 861	37 494	36 856	36 918	37 618	38 040
Communication	9 613	9 791	9 819	9 865	9 709	9 597
Recreation and culture	38 691	38 412	37 888	37 834	38 814	38 931
Education	30 572	30 567	30 753	31 022	31 452	31 963
Restaurants and hotels	20 042	20 267	20 647	21 749	23 178	24 904
Social protection	34 332	35 262	34 624	35 035	34 325	34 957
Other	35 348	32 739	34 009	34 583	34 418	35 986
Final consumption by non-residents in the Netherlands (–)	9 230	9 569	10 343	11 068	11 876	12 697
Final consumption by residents in the rest of the world	11 670	12 129	12 391	12 729	12 960	13 193
Collective final consumption of general government	55 499	55 452	56 740	57 052	56 649	57 821
Final consumption expenditure	456 097	459 631	463 903	468 668	475 147	484 374

B 2.2 Final consumption expenditure by purpose, volume changes

	2011	2012	2013	2014	2015	2016*
	%					
Final consumption expenditure of households including						
NPIs serving households, national	0.2	-1.2	-1.0	0.3	2.0	1.6
Food and non-alcoholic beverages	1.2	1.0	-0.6	1.2	2.4	1.8
Bread and cereals	0.3	2.2	0.1	-0.2	0.7	2.4
Meat and meat products	0.3	0.1	-1.3	-0.6	3.2	-0.0
Fish	3.5	-3.4	-1.6	2.2	4.0	1.9
Dairy products, oils and fats	1.7	-0.7	-1.5	0.0	2.5	1.9
Potatoes, vegetables and fruits	0.6	1.0	0.8	4.5	3.0	2.1
Sugar, sweets and ice-cream	1.3	1.7	-2.5	2.9	4.8	2.9
Other food n.e.c.	3.8	3.4	2.4	4.3	4.0	3.4
Coffee, tea and cocoa	-0.7	0.0	-0.6	2.2	4.0	2.8
Mineral waters, soft drinks, fruit and vegetable juices	4.5	2.7	-2.5	-2.2	-2.1	1.3
Alcoholic beverages, tobacco and narcotics	-1.2	-1.1	-7.0	-3.7	-1.5	-0.6
Clothing and footwear	-0.7	-2.6	-3.2	2.2	3.5	1.6
Clothing	-1.3	-2.8	-2.5	2.5	3.5	2.6
Footwear	2.1	-2.1	-6.6	0.9	3.7	-2.7
Housing, water, electricity, gas and other fuels	-0.8	1.6	1.1	-1.5	1.4	1.0
Actual and imputed rentals for housing	1.2	1.1	0.9	0.9	1.0	0.9
Maintenance and repair of the dwelling	-0.5	-7.8	-5.4	-1.5	0.6	3.3
Water supply and miscellaneous services	0.4	0.3	0.2	0.0	1.8	1.2
Electricity, gas and other fuels	-9.0	5.1	2.7	-10.9	3.2	1.3
Furnishings, household equipment and household maintenance	-1.3	-3.7	-4.8	1.8	3.3	2.1
Health	4.7	3.3	7.5	1.3	1.4	0.7
Transport	0.1	-6.7	-3.5	0.1	3.3	1.7
Purchase of vehicles	1.0	-16.5	-8.8	2.9	7.5	-0.7
Operation of personal transport equipment	-0.6	-3.1	-2.5	-1.3	1.4	2.0
Transport services	1.4	-2.5	1.4	1.8	4.0	4.3
Communication	-1.9	1.6	1.9	5.1	3.7	3.5
Recreation and culture	1.3	-2.2	-2.8	0.2	2.5	1.0
Education	1.1	0.9	-0.6	0.8	2.2	1.3
Restaurants and hotels	2.6	-1.3	0.4	3.4	4.2	5.0
Social protection	9.3	8.1	7.3	1.6	3.5	-2.7
Other	0.2	-1.6	0.0	-0.1	0.6	1.5
Final consumption by non-residents in the Netherlands (-)	3.2	1.7	6.8	5.7	5.9	5.1
Final consumption by residents in the rest of the world	-2.5	0.2	0.5	2.0	1.5	3.8
Individual final consumption of general government	1.3	-0.9	-1.0	0.4	0.4	1.2
Housing, water, electricity, gas and other fuels	2.8	-0.5	2.3	0.3	0.5	7.0
Health	4.2	2.3	-2.2	1.3	1.0	-0.9
Recreation and culture	-2.6	-4.2	4.4	-4.1	1.5	-2.8
Education	-0.0	-3.0	0.7	-0.1	0.4	-0.5
Social protection	-1.2	-3.1	-1.6	0.3	-0.9	6.4
Actual individual final consumption	0.5	-1.1	-1.0	0.3	1.6	1.5
Food and non-alcoholic beverages	1.2	1.0	-0.6	1.2	2.4	1.8
Alcoholic beverages, tobacco and narcotics	-1.2	-1.1	-7.0	-3.7	-1.5	-0.6
Clothing and footwear	-0.7	-2.6	-3.2	2.2	3.5	1.6
Housing, water, electricity, gas and other fuels	-0.7	1.5	1.1	-1.4	1.3	1.2
Furnishings, household equipment and household maintenance	-1.3	-3.7	-4.8	1.8	3.3	2.1
Health	4.3	2.4	-0.6	1.3	1.1	-0.6
Transport	0.1	-6.7	-3.5	0.1	3.3	1.7
Communication	-1.9	1.6	1.9	5.1	3.7	3.5
Recreation and culture	0.8	-2.4	-2.0	-0.3	2.4	0.6
Education	0.0	-2.7	0.6	-0.0	0.5	-0.4
Restaurants and hotels	2.6	-1.3	0.4	3.4	4.2	5.0
Social protection	-0.2	-1.9	-0.6	0.4	-0.3	5.2
Other	0.2	-1.6	0.0	-0.1	0.6	1.5
Final consumption by non-residents in the Netherlands (-)	3.2	1.7	6.8	5.7	5.9	5.1
Final consumption by residents in the rest of the world	-2.5	0.2	0.5	2.0	1.5	3.8
Collective final consumption of general government	-3.2	-2.2	1.7	-0.1	-1.3	1.0
Final consumption expenditure	0.0	-1.2	-0.7	0.3	1.2	1.4

B 2.3 Final consumption expenditure by purpose, price changes

	2011	2012	2013	2014	2015	2016*
	%					
Final consumption expenditure of households including						
NPIs serving households, national	2.1	1.5	2.4	0.8	0.2	0.8
Food and non-alcoholic beverages	2.3	2.4	2.2	-0.2	0.5	1.3
Bread and cereals	2.0	2.9	1.4	0.1	0.6	0.3
Meat and meat products	2.4	3.7	2.0	-0.6	-0.4	1.4
Fish	3.0	2.6	0.1	-0.1	1.7	3.2
Dairy products, oils and fats	1.7	2.0	2.2	3.8	-0.7	-1.4
Potatoes, vegetables and fruits	1.7	0.7	4.2	-2.8	2.3	4.3
Sugar, sweets and ice-cream	0.8	2.0	1.5	-1.2	-0.4	0.5
Other food n.e.c.	0.8	1.5	3.1	-0.1	-1.0	-0.0
Coffee, tea and cocoa	17.8	3.8	-1.7	-2.7	5.4	-2.0
Mineral waters, soft drinks, fruit and vegetable juices	2.7	3.1	3.1	1.4	0.4	4.8
Alcoholic beverages, tobacco and narcotics	2.9	4.9	8.2	1.6	2.4	4.9
Clothing and footwear	1.1	0.3	0.8	-0.6	-1.1	1.3
Clothing	1.0	0.5	0.6	-0.7	-1.0	1.4
Footwear	1.1	-0.3	1.6	-0.2	-1.6	0.5
Housing, water, electricity, gas and other fuels	2.3	2.8	3.2	2.5	1.8	0.4
Actual and imputed rentals for housing	1.6	2.4	3.6	3.8	2.8	2.0
Maintenance and repair of the dwelling	0.7	3.2	2.3	-0.6	0.5	0.7
Water supply and miscellaneous services	0.2	-3.3	0.1	3.3	0.1	-0.9
Electricity, gas and other fuels	5.9	6.0	2.6	-3.0	-2.5	-6.5
Furnishings, household equipment and household maintenance	1.5	1.1	0.8	-0.4	0.2	1.9
Health	0.3	2.0	3.0	0.6	-0.1	0.5
Transport	3.5	3.4	1.8	0.0	-1.3	-0.6
Purchase of vehicles	-0.2	0.1	3.8	1.1	2.2	2.2
Operation of personal transport equipment	5.9	4.4	0.9	-0.6	-4.0	-1.7
Transport services	1.7	5.2	2.7	0.8	2.7	-0.9
Communication	2.0	0.3	-1.5	-4.4	-5.1	-4.5
Recreation and culture	0.0	1.9	1.4	-0.1	0.6	0.8
Education	2.6	3.1	2.9	3.5	2.7	0.3
Restaurants and hotels	2.0	2.5	1.5	1.9	2.3	2.3
Social protection	2.4	3.7	0.8	0.8	-0.3	-0.7
Other	2.2	-5.9	3.8	1.8	-1.0	3.0
Final consumption by non-residents in the Netherlands (-)	1.1	2.0	1.2	1.2	1.3	1.7
Final consumption by residents in the rest of the world	4.3	3.7	1.7	0.7	0.3	-2.0
Individual final consumption of general government	-0.5	3.4	0.2	0.8	-0.3	-0.5
Housing, water, electricity, gas and other fuels	1.6	-0.5	3.7	15.4	10.0	1.2
Health	-0.9	3.2	1.9	0.1	-0.2	0.5
Recreation and culture	2.0	0.8	-4.9	2.3	-3.1	-9.8
Education	-1.3	2.8	-0.2	0.7	0.7	2.2
Social protection	0.2	4.8	-1.5	0.7	-1.9	-3.5
Actual individual final consumption	1.4	2.0	1.8	0.8	0.1	0.5
Food and non-alcoholic beverages	2.3	2.4	2.2	-0.2	0.5	1.3
Alcoholic beverages, tobacco and narcotics	2.9	4.9	8.2	1.6	2.4	4.9
Clothing and footwear	1.1	0.3	0.8	-0.6	-1.1	1.3
Housing, water, electricity, gas and other fuels	2.2	2.7	3.3	2.9	2.1	0.5
Furnishings, household equipment and household maintenance	1.5	1.1	0.8	-0.4	0.2	1.9
Health	-0.7	3.0	2.1	0.2	-0.2	0.5
Transport	3.5	3.4	1.8	0.0	-1.3	-0.6
Communication	2.0	0.3	-1.5	-4.4	-5.1	-4.5
Recreation and culture	0.2	1.7	0.7	0.1	0.2	-0.3
Education	-1.0	2.8	-0.0	0.9	0.9	2.0
Restaurants and hotels	2.0	2.5	1.5	1.9	2.3	2.3
Social protection	0.4	4.7	-1.3	0.7	-1.7	-3.2
Other	2.2	-5.9	3.8	1.8	-1.0	3.0
Final consumption by non-residents in the Netherlands (-)	1.1	2.0	1.2	1.2	1.3	1.7
Final consumption by residents in the rest of the world	4.3	3.7	1.7	0.7	0.3	-2.0
Collective final consumption of general government	1.7	2.2	0.6	0.7	0.6	1.1
Final consumption expenditure	1.4	2.0	1.6	0.8	0.2	0.5

B 3.1 Fixed capital formation (gross) by type of capital good

	2011	2012	2013	2014	2015	2016*
	mln euro					
Corporations and households including NPIs serving households						
Dwellings	26 736	22 468	19 376	20 032	23 560	28 138
Buildings other than dwellings	15 904	14 158	14 008	13 945	14 468	14 623
Other structures	6 032	5 550	5 992	6 358	6 435	7 013
Transfer costs of ground	1 499	1 436	1 303	1 827	2 178	2 594
Transport equipment	10 927	10 697	9 837	9 182	12 904	12 550
Passenger cars	6 210	6 206	5 554	5 323	7 410	5 714
Other vehicles	2 309	2 422	2 209	2 250	2 733	3 276
Trains and trams	449	523	500	445	430	426
Ships	1 347	797	1 000	744	772	780
Aircraft	612	749	574	420	1 559	2 354
Computers and peripheral equipment	2 812	2 793	2 684	2 635	3 600	3 766
Telecommunication equipment	627	637	640	674	775	818
Machinery and installations	16 023	15 223	14 359	15 711	16 466	16 847
Other material assets	4 922	4 378	4 121	4 141	4 378	4 648
Cultivated biological resources	200	251	316	333	355	316
Research and development	7 990	8 116	8 324	8 526	8 727	9 010
Computer software and databases	11 945	12 394	12 715	13 696	15 242	15 812
Other intellectual property products	969	1 181	1 173	1 210	1 193	1 067
Fixed capital formation from production and imports	106 586	99 282	94 848	98 270	110 281	117 202
Sales of existing fixed assets (–)	1 898	1 512	1 498	2 038	2 327	1 651
Fixed capital formation (gross) of corporations and households including NPIs serving households	104 688	97 770	93 350	96 232	107 954	115 551
General government						
Dwellings	141	142	130	110	91	93
Buildings other than dwellings	4 480	4 333	3 776	3 685	3 561	3 747
Other structures	11 533	10 501	10 523	10 108	10 834	10 065
Transfer costs of ground	167	159	115	101	67	67
Transport equipment	347	342	368	292	278	305
Passenger cars	112	93	122	75	101	122
Other vehicles	212	219	220	170	161	126
Trains and trams	0	0	0	0	0	0
Ships	9	9	11	17	8	39
Aircraft	14	21	15	30	8	18
Computers and peripheral equipment	955	942	1 003	961	930	955
Telecommunication equipment	300	301	291	316	353	369
Machinery and installations	1 464	1 152	1 319	835	951	1 106
Other material assets	1 184	1 225	1 135	1 191	1 227	1 311
Cultivated biological resources	0	0	0	0	0	0
Research and development	3 395	3 213	3 352	3 443	3 557	3 680
Computer software and databases	3 178	3 183	3 228	3 423	3 854	3 962
Other intellectual property products	0	0	0	0	0	0
Fixed capital formation from production and imports	27 144	25 493	25 240	24 465	25 703	25 660
Sales of existing fixed assets (–)	1 430	1 335	1 483	1 167	1 193	1 162
Fixed capital formation (gross) of general government	25 714	24 158	23 757	23 298	24 510	24 498
Fixed capital formation (gross)						
Dwellings	26 877	22 610	19 506	20 142	23 651	28 231
Buildings other than dwellings	20 384	18 491	17 784	17 630	18 029	18 370
Other structures	17 565	16 051	16 515	16 466	17 269	17 078
Transfer costs of ground	1 666	1 595	1 418	1 928	2 245	2 661
Transport equipment	11 274	11 039	10 205	9 474	13 182	12 855
Passenger cars	6 322	6 299	5 676	5 398	7 511	5 836
Other vehicles	2 521	2 641	2 429	2 420	2 894	3 402
Trains and trams	449	523	500	445	430	426
Ships	1 356	806	1 011	761	780	819
Aircraft	626	770	589	450	1 567	2 372
Computers and peripheral equipment	3 767	3 735	3 687	3 596	4 530	4 721
Telecommunication equipment	927	938	931	990	1 128	1 187
Machinery and installations	17 487	16 375	15 678	16 546	17 417	17 953
Other material assets	6 106	5 603	5 256	5 332	5 605	5 959
Cultivated biological resources	200	251	316	333	355	316
Research and development	11 385	11 329	11 676	11 969	12 284	12 690
Computer software and databases	15 123	15 577	15 943	17 119	19 096	19 774
Other intellectual property products	969	1 181	1 173	1 210	1 193	1 067
Fixed capital formation from production and imports	133 730	124 775	120 088	122 735	135 984	142 862
Sales of existing fixed assets (–)	3 328	2 847	2 981	3 205	3 520	2 813
Fixed capital formation (gross)	130 402	121 928	117 107	119 530	132 464	140 049

B 3.2 Fixed capital formation (gross) by type of capital good, volume changes

	2011	2012	2013	2014	2015	2016*
	%					
Corporations and households including NPIs serving households						
Dwellings	-4.5	-13.0	-12.2	6.2	21.1	19.1
Buildings other than dwellings	3.6	-10.6	-2.2	-0.7	6.0	1.4
Other structures	80.5	-10.6	7.1	5.3	1.7	8.9
Transfer costs of ground	8.8	5.1	-10.0	34.5	12.4	17.3
Transport equipment	18.6	-2.9	-8.1	-6.5	37.2	-3.8
Passenger cars	25.5	-0.2	-10.1	-3.8	38.1	-23.9
Other vehicles	39.6	4.2	-9.5	3.1	22.0	19.1
Trains and trams	-61.2	15.1	-5.9	-12.4	-2.7	-2.8
Ships	15.8	-40.5	23.3	-27.4	1.9	0.5
Aircraft	100.3	12.3	-22.6	-27.7	211.0	49.1
Computers and peripheral equipment	16.9	1.4	-3.5	-1.4	40.3	6.1
Telecommunication equipment	25.0	2.7	1.4	5.9	25.8	7.5
Machinery and installations	18.2	-6.8	-5.9	9.1	2.9	1.6
Other material assets	7.6	-13.0	-6.5	0.0	5.2	5.2
Cultivated biological resources	-20.5	34.5	31.9	4.7	2.1	-4.5
Research and development	0.5	0.5	1.8	1.6	0.9	1.8
Computer software and databases	4.8	4.4	2.1	7.7	9.3	2.8
Other intellectual property products	-7.2	20.0	-2.5	1.4	-2.6	-11.8
Fixed capital formation from production and imports	7.5	-6.5	-4.5	3.9	12.3	5.8
Sales of existing fixed assets (-)	-4.9	-20.9	-0.7	33.8	10.6	-30.4
Fixed capital formation (gross) of corporations and households including NPIs serving households	7.8	-6.2	-4.6	3.4	12.3	6.5
General government						
Dwellings	7.4	2.1	-6.3	-12.3	-14.5	3.3
Buildings other than dwellings	-2.7	-2.7	-14.5	-2.5	-1.7	5.5
Other structures	-6.2	-10.7	-1.2	-4.0	8.4	-7.0
Transfer costs of ground	-23.0	16.2	-28.3	-18.3	-38.6	-3.0
Transport equipment	15.4	-2.9	6.1	-20.9	-5.5	9.0
Passenger cars	33.3	-17.9	30.1	-38.5	33.3	19.8
Other vehicles	13.0	1.9	-1.4	-22.3	-5.3	-22.4
Trains and trams	.	.	.	.	.	.
Ships	0.0	0.0	22.2	54.5	-52.9	387.5
Aircraft	.	.	.	.	.	.
Computers and peripheral equipment	-7.8	0.7	5.9	-4.0	-0.9	4.0
Telecommunication equipment	48.8	1.7	-4.0	10.3	21.5	6.5
Machinery and installations	-0.3	-23.3	14.4	-37.9	6.2	15.2
Other material assets	-1.3	2.0	-8.1	4.1	0.8	6.0
Cultivated biological resources	.	.	.	.	.	.
Research and development	8.1	-6.5	3.2	1.8	1.7	1.7
Computer software and databases	-4.4	1.2	-0.5	6.1	12.1	2.0
Other intellectual property products	.	.	.	.	.	.
Fixed capital formation from production and imports	-2.7	-6.7	-2.3	-3.3	5.4	-0.4
Sales of existing fixed assets (-)	-4.3	-7.6	9.5	-21.4	3.4	-2.3
Fixed capital formation (gross) of general government	-2.7	-6.7	-3.0	-2.2	5.5	-0.3
Fixed capital formation (gross)						
Dwellings	-4.4	-12.9	-12.2	6.1	20.9	19.0
Buildings other than dwellings	2.1	-8.9	-5.1	-1.1	4.4	2.2
Other structures	12.3	-10.6	1.7	-0.6	5.8	-1.1
Transfer costs of ground	4.4	6.2	-11.8	30.3	9.7	16.7
Transport equipment	18.5	-2.9	-7.7	-7.0	35.8	-3.6
Passenger cars	25.6	-0.5	-9.5	-4.5	38.1	-23.3
Other vehicles	36.9	4.0	-8.9	0.8	20.0	16.8
Trains and trams	-61.2	15.1	-5.9	-12.4	-2.7	-2.8
Ships	15.7	-40.3	23.3	-26.5	0.7	4.5
Aircraft	92.3	12.9	-22.7	-24.8	191.8	49.5
Computers and peripheral equipment	9.5	1.2	-1.2	-2.1	29.3	5.7
Telecommunication equipment	31.9	2.4	-0.3	7.3	24.4	7.2
Machinery and installations	16.4	-8.2	-4.5	5.1	3.1	2.3
Other material assets	5.8	-10.1	-6.8	0.9	4.2	5.4
Cultivated biological resources	-20.5	34.5	31.9	4.7	2.1	-4.5
Research and development	2.6	-1.6	2.2	1.7	1.1	1.8
Computer software and databases	2.7	3.8	1.6	7.4	9.9	2.6
Other intellectual property products	-7.2	20.0	-2.5	1.4	-2.6	-11.8
Fixed capital formation from production and imports	5.3	-6.5	-4.1	2.4	10.9	4.6
Sales of existing fixed assets (-)	-4.6	-15.2	4.1	6.3	8.0	-20.9
Fixed capital formation (gross)	5.6	-6.3	-4.3	2.3	11.0	5.3

B 3.3 Fixed capital formation (gross) by type of capital good, price changes

	2011	2012	2013	2014	2015	2016*
	%					
Corporations and households including NPIs serving households						
Dwellings	-4.6	-3.5	-1.8	-2.7	-2.9	0.3
Buildings other than dwellings	0.0	-0.4	1.2	0.2	-2.1	-0.3
Other structures	2.6	2.9	0.8	0.8	-0.4	0.1
Transfer costs of ground	-0.1	-8.8	0.8	4.2	6.1	1.6
Transport equipment	-1.1	0.8	0.1	-0.2	2.5	1.1
Passenger cars	-2.1	0.2	-0.5	-0.4	0.8	1.4
Other vehicles	1.1	0.6	0.8	-1.2	-0.4	0.7
Trains and trams	1.4	1.2	1.6	1.6	-0.7	1.9
Ships	-1.7	-0.5	1.7	2.5	1.8	0.5
Aircraft	0.2	9.0	-1.0	1.2	19.4	1.2
Computers and peripheral equipment	-4.8	-2.0	-0.4	-0.5	-2.7	-1.4
Telecommunication equipment	-2.9	-1.1	-0.9	-0.6	-8.6	-1.8
Machinery and installations	0.6	2.0	0.3	0.3	1.9	0.7
Other material assets	1.9	2.2	0.6	0.4	0.5	1.0
Cultivated biological resources	-2.9	-6.7	-4.5	0.6	4.4	-6.8
Research and development	1.3	1.1	0.7	0.8	1.5	1.4
Computer software and databases	-2.2	-0.7	0.5	0.0	1.8	0.9
Other intellectual property products	1.6	1.5	1.8	1.7	1.2	1.4
Fixed capital formation from production and imports	-1.3	-0.4	0.1	-0.3	-0.0	0.5
Sales of existing fixed assets (-)	-0.1	0.7	-0.2	1.6	3.2	1.9
Fixed capital formation (gross) of corporations and households including NPIs serving households	-1.3	-0.4	0.1	-0.3	-0.1	0.5
General government						
Dwellings	-2.8	-1.4	-2.3	-3.5	-3.2	-1.1
Buildings other than dwellings	0.2	-0.6	2.0	0.1	-1.7	-0.3
Other structures	2.5	1.9	1.4	0.0	-1.2	-0.1
Transfer costs of ground	0.0	-18.0	0.9	7.4	8.1	3.1
Transport equipment	0.9	1.5	1.4	0.3	0.7	0.7
Passenger cars	0.0	1.1	0.8	0.0	1.0	0.8
Other vehicles	1.4	1.4	1.9	-0.6	0.0	0.8
Trains and trams	.	.	.	.	.	.
Ships	0.0	0.0	0.0	0.0	0.0	0.0
Aircraft	.	.	.	.	.	.
Computers and peripheral equipment	-4.7	-2.1	0.5	-0.2	-2.3	-1.2
Telecommunication equipment	-4.5	-1.3	0.7	-1.6	-8.1	-1.9
Machinery and installations	0.6	2.6	0.1	2.0	7.2	0.9
Other material assets	1.4	1.4	0.8	0.8	2.2	0.8
Cultivated biological resources	.	.	.	.	.	.
Research and development	1.4	1.2	1.1	0.8	1.6	1.7
Computer software and databases	-2.2	-1.1	1.9	-0.0	0.4	0.8
Other intellectual property products	.	.	.	.	.	.
Fixed capital formation from production and imports	0.9	0.7	1.4	0.2	-0.3	0.3
Sales of existing fixed assets (-)	1.7	1.1	1.4	0.2	-1.2	-0.3
Fixed capital formation (gross) of general government	0.8	0.6	1.4	0.2	-0.3	0.3
Fixed capital formation (gross)						
Dwellings	-4.6	-3.4	-1.8	-2.7	-2.9	0.3
Buildings other than dwellings	0.1	-0.4	1.4	0.2	-2.0	-0.3
Other structures	2.5	2.3	1.2	0.3	-0.9	-0.0
Transfer costs of ground	-0.1	-9.8	0.8	4.4	6.1	1.6
Transport equipment	-1.1	0.9	0.1	-0.2	2.4	1.1
Passenger cars	-2.0	0.2	-0.5	-0.4	0.8	1.4
Other vehicles	1.1	0.7	0.9	-1.1	-0.4	0.7
Trains and trams	1.4	1.2	1.6	1.6	-0.7	1.9
Ships	-1.7	-0.5	1.7	2.4	1.8	0.5
Aircraft	0.2	8.9	-1.0	1.6	19.3	1.2
Computers and peripheral equipment	-4.8	-2.0	-0.1	-0.4	-2.6	-1.4
Telecommunication equipment	-3.4	-1.2	-0.4	-0.9	-8.4	-1.8
Machinery and installations	0.6	2.0	0.3	0.4	2.1	0.7
Other material assets	1.8	2.0	0.7	0.5	0.9	0.9
Cultivated biological resources	-2.9	-6.7	-4.5	0.6	4.4	-6.8
Research and development	1.3	1.1	0.8	0.8	1.5	1.5
Computer software and databases	-2.2	-0.7	0.8	0.0	1.5	0.9
Other intellectual property products	1.6	1.5	1.8	1.7	1.2	1.4
Fixed capital formation from production and imports	-0.9	-0.2	0.3	-0.2	-0.1	0.5
Sales of existing fixed assets (-)	0.7	0.9	0.6	1.1	1.7	1.0
Fixed capital formation (gross)	-0.9	-0.2	0.3	-0.2	-0.1	0.4

B 4.1 Fixed capital formation (gross) by industry (on an owner basis)

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	5 663	5 208	4 764	5 106	4 894	4 831
Mining and quarrying	3 880	3 462	3 246	3 729	3 482	3 502
Manufacturing	12 241	12 780	12 617	13 355	14 961	15 414
Manufacture of food, beverages and tobacco	1 706	1 960	2 230	2 510	2 600	.
Manufacture of textile-, leatherproducts	80	81	94	108	110	.
Manufacture of paper-, wood products, printing	519	494	509	499	510	.
Manufacture of coke and petroleum	669	866	614	872	898	.
Manufacture of chemicals	2 493	2 628	2 280	2 136	2 755	.
Manufacture of pharmaceuticals	746	688	657	731	1 321	.
Manufacture of plastic and building material	683	582	637	619	660	.
Manufacture of basic metals and -products	827	873	879	967	1 073	.
Manufacture of electronic products	755	807	843	1 022	870	.
Manufacture of electrical equipment	699	750	697	739	633	.
Manufacture of machinery n.e.c.	1 729	1 654	1 610	1 628	1 837	.
Manufacture of transport equipment	499	542	673	615	707	.
Other manufacturing and repair	836	855	894	909	987	.
Electricity and gas supply	4 843	5 500	5 501	6 469	5 877	6 213
Water supply and waste management	1 816	1 126	1 009	1 175	1 263	1 300
Construction	2 655	2 180	2 296	2 291	2 473	2 568
Construction buildings, development	605	561	551	613	642	.
Civil engineering	829	589	701	658	566	.
Specialised construction activities	1 221	1 030	1 044	1 020	1 265	.
Trade, transport, hotels, catering	16 620	15 418	15 476	14 982	17 732	19 885
Sale and repair of motor vehicles	917	892	844	883	855	.
Wholesale trade (no motor vehicles)	3 860	3 662	4 025	4 054	4 484	.
Retail trade (not in motor vehicles)	2 313	2 064	2 122	2 124	2 213	.
Land transport	2 342	2 475	2 361	2 307	2 713	.
Water transport	1 140	740	776	505	653	.
Air transport	812	962	788	722	1 846	.
Warehousing and support activities for transportation	4 216	3 683	3 588	3 461	3 891	.
Postal and courier activities	119	137	183	142	169	.
Accommodation and food service activities	901	803	789	784	908	.
Information and communication	4 127	4 159	4 125	4 689	5 399	5 750
Publishing, audiovisual and broadcasting activities	539	506	533	531	677	.
Telecommunications	2 162	2 048	2 090	2 603	2 204	.
IT- and information services	1 426	1 605	1 502	1 555	2 518	.
Financial and insurance activities	5 062	4 195	4 230	4 196	4 779	4 798
Financial activities, no insurance and pension funding	3 538	2 686	2 785	2 555	3 316	.
Insurance and pension funding	1 212	1 187	1 122	1 295	1 096	.
Other financial services	312	322	323	346	367	.
Real estate activities	32 429	27 710	24 899	26 219	30 223	34 701
Business services	11 440	11 517	10 741	10 911	13 304	12 497
Management, technical consultancy	2 859	2 865	3 266	3 061	3 306	.
Research and development	1 793	1 708	1 730	1 719	1 549	.
Advertising, design and other services	662	564	610	578	683	.
Renting and leasing of tangible goods	4 980	5 281	4 018	4 466	6 561	.
Employment activities	418	364	338	346	391	.
Travel agencies, tour operators etc.	145	152	157	180	201	.
Other business services	583	583	622	561	613	.
Government and care	31 142	29 716	29 283	27 607	29 485	29 252
Public administration and defence; compulsory social security	18 858	17 518	17 190	16 041	17 124	.
Education	5 547	5 415	5 431	5 803	6 053	.
Human health activities	3 497	3 558	3 481	3 100	3 371	.
Social work activities	3 240	3 225	3 181	2 663	2 937	.
Culture, recreation, other services	1 812	1 804	1 901	2 006	2 112	2 151
Arts, entertainment and recreation	1 047	1 073	1 120	1 211	1 288	.
Other service activities	765	731	781	795	824	.
Households with domestic personnel	0	0	0	0	0	.
Fixed capital formation from production and imports	133 730	124 775	120 088	122 735	135 984	142 862
Sales of existing fixed assets (–)	3 328	2 847	2 981	3 205	3 520	2 813
Exports	1 563	1 923	2 210	1 979	1 834	1 512
Final consumption expenditure	1 765	924	771	1 226	1 686	1 301
Fixed capital formation (gross)	130 402	121 928	117 107	119 530	132 464	140 049

B 4.2 Fixed capital formation (gross) by industry (on an owner basis), volume changes

	2011	2012	2013	2014	2015	2016*
	%					
Industries						
Agriculture, forestry and fishing	25.7	- 7.7	- 8.9	6.5	- 4.8	- 1.2
Mining and quarrying	61.1	- 13.4	- 7.8	13.2	- 7.1	0.1
Manufacturing	11.9	3.2	- 1.6	5.4	10.7	2.2
Manufacture of food, beverages and tobacco	- 5.8	13.6	13.7	12.3	2.4	.
Manufacture of textile-, leatherproducts	3.8	0.0	16.0	14.9	0.9	.
Manufacture of paper-, wood products, printing	19.0	- 5.2	2.6	- 1.8	1.0	.
Manufacture of coke and petroleum	29.9	26.6	- 30.3	41.0	1.0	.
Manufacture of chemicals	34.9	3.6	- 13.5	- 6.8	27.2	.
Manufacture of pharmaceuticals	- 6.3	- 8.6	- 4.8	11.0	77.3	.
Manufacture of plastic and building material	21.8	- 14.9	9.5	- 2.5	6.9	.
Manufacture of basic metals and -products	3.5	4.6	0.2	9.6	9.7	.
Manufacture of electronic products	5.0	6.1	3.7	20.5	- 16.4	.
Manufacture of electrical equipment	5.6	6.2	- 7.7	5.2	- 15.8	.
Manufacture of machinery n.e.c.	20.5	- 5.1	- 3.3	0.6	11.7	.
Manufacture of transport equipment	16.6	7.0	24.2	- 9.2	14.6	.
Other manufacturing and repair	- 1.9	1.3	4.7	1.6	7.9	.
Electricity and gas supply	32.6	11.5	- 0.5	16.9	- 8.7	5.3
Water supply and waste management	15.8	- 38.8	- 10.6	16.7	6.8	2.0
Construction	21.0	- 18.0	4.8	- 0.3	7.3	3.3
Construction buildings, development	16.6	- 6.8	- 1.4	12.3	4.1	.
Civil engineering	0.7	- 29.6	18.0	- 7.3	- 15.8	.
Specialised construction activities	43.5	- 15.8	0.7	- 2.2	24.2	.
Trade, transport, hotels, catering	16.4	- 8.1	0.1	- 3.3	16.2	11.5
Sale and repair of motor vehicles	20.9	- 3.3	- 5.8	5.0	- 4.1	.
Wholesale trade (no motor vehicles)	24.6	- 5.3	10.1	0.5	9.6	.
Retail trade (not in motor vehicles)	11.7	- 11.0	3.1	0.3	4.4	.
Land transport	- 8.2	4.9	- 5.4	- 2.0	17.6	.
Water transport	25.3	- 35.0	3.5	- 36.2	27.1	.
Air transport	86.1	10.8	- 17.6	- 9.3	119.8	.
Warehousing and support activities for transportation	18.9	- 13.7	- 3.4	- 3.8	12.6	.
Postal and courier activities	- 21.1	16.0	32.1	- 21.9	17.6	.
Accommodation and food service activities	18.6	- 11.2	- 1.5	- 0.8	14.0	.
Information and communication	7.3	0.7	- 0.8	13.7	15.2	6.2
Publishing, audiovisual and broadcasting activities	- 9.0	- 6.1	5.1	- 0.2	26.9	.
Telecommunications	16.4	- 5.6	2.2	24.7	- 15.6	.
IT- and information services	2.3	12.8	- 6.5	3.3	63.0	.
Financial and insurance activities	- 2.8	- 14.1	- 0.1	- 0.5	15.3	- 0.2
Financial activities, no insurance and pension funding	- 8.7	- 20.3	2.7	- 7.7	32.2	.
Insurance and pension funding	17.7	- 1.0	- 6.5	15.2	- 15.6	.
Other financial services	3.2	4.5	0.0	6.8	6.9	.
Real estate activities	- 5.7	- 12.2	- 9.1	7.1	17.9	14.6
Business services	16.2	0.5	- 6.7	1.6	20.8	- 7.0
Management, technical consultancy	12.1	0.5	14.0	- 6.2	6.5	.
Research and development	- 6.5	- 5.9	0.9	- 1.4	- 11.2	.
Advertising, design and other services	25.8	- 13.9	8.2	- 4.8	16.8	.
Renting and leasing of tangible goods	24.8	5.9	- 23.6	11.4	45.9	.
Employment activities	69.6	- 13.2	- 7.1	2.4	12.7	.
Travel agencies, tour operators etc.	21.7	4.8	3.3	15.3	11.1	.
Other business services	15.3	- 1.2	6.3	- 9.8	8.4	.
Government and care	- 3.3	- 5.0	- 2.9	- 5.9	6.9	- 1.1
Public administration and defence; compulsory social security	- 4.8	- 7.6	- 3.2	- 6.7	7.4	.
Education	1.9	- 3.0	- 1.0	6.2	3.6	.
Human health activities	1.4	1.4	- 3.9	- 11.5	7.4	.
Social work activities	- 7.6	- 0.2	- 2.9	- 16.3	10.9	.
Culture, recreation, other services	1.5	- 0.7	4.7	5.3	4.9	1.1
Arts, entertainment and recreation	0.7	2.4	3.8	7.7	5.9	.
Other service activities	2.7	- 4.8	5.9	1.8	3.4	.
Households with domestic personnel	.	.	.	.	.	.
Fixed capital formation from production and imports	5.3	- 6.5	- 4.1	2.4	10.9	4.6
Sales of existing fixed assets (-)	- 4.6	- 15.2	4.1	6.3	8.0	- 20.9
Exports	7.4	21.6	13.8	- 11.3	- 8.7	- 19.1
Final consumption expenditure	- 13.1	- 47.8	- 16.2	56.8	35.0	- 22.8
Fixed capital formation (gross)	5.6	- 6.3	- 4.3	2.3	11.0	5.3

B 4.3 Fixed capital formation (gross) by industry (on an owner basis), price changes

	2011	2012	2013	2014	2015	2016*
	%					
Industries						
Agriculture, forestry and fishing	-0.5	-0.3	0.4	0.6	0.6	-0.1
Mining and quarrying	2.6	3.0	1.7	1.5	0.5	0.5
Manufacturing	0.6	1.2	0.4	0.4	1.2	0.8
Manufacture of food, beverages and tobacco	0.6	1.1	0.1	0.2	1.1	.
Manufacture of textile-, leatherproducts	-1.2	1.3	0.0	0.0	0.9	.
Manufacture of paper-, wood products, printing	-0.2	0.4	0.4	-0.2	1.2	.
Manufacture of coke and petroleum	1.2	2.2	1.7	0.7	1.9	.
Manufacture of chemicals	0.9	1.7	0.3	0.5	1.4	.
Manufacture of pharmaceuticals	0.9	0.9	0.3	0.3	1.9	.
Manufacture of plastic and building material	1.0	0.2	0.0	-0.3	-0.3	.
Manufacture of basic metals and -products	0.0	0.9	0.5	0.4	1.1	.
Manufacture of electronic products	0.8	0.7	0.7	0.6	1.9	.
Manufacture of electrical equipment	0.3	1.1	0.7	0.8	1.8	.
Manufacture of machinery n.e.c.	0.6	0.8	0.6	0.5	1.0	.
Manufacture of transport equipment	0.0	1.5	0.0	0.7	0.3	.
Other manufacturing and repair	-0.1	0.9	-0.1	0.1	0.6	.
Electricity and gas supply	1.3	1.9	0.5	0.6	-0.5	0.4
Water supply and waste management	0.9	1.3	0.2	-0.2	0.6	0.9
Construction	-0.6	0.2	0.5	0.0	0.6	0.5
Construction buildings, development	-1.0	-0.5	-0.4	-1.0	0.6	.
Civil engineering	-1.3	0.9	0.9	1.2	2.2	.
Specialised construction activities	0.0	0.2	0.7	-0.1	-0.2	.
Trade, transport, hotels, catering	0.2	0.9	0.3	0.1	1.8	0.6
Sale and repair of motor vehicles	-0.2	0.6	0.5	-0.3	0.9	.
Wholesale trade (no motor vehicles)	-0.7	0.2	-0.1	0.2	0.9	.
Retail trade (not in motor vehicles)	0.2	0.2	-0.3	-0.2	-0.2	.
Land transport	0.6	0.7	0.9	-0.3	0.0	.
Water transport	-1.2	-0.1	1.3	2.0	1.7	.
Air transport	-0.4	6.9	-0.6	1.0	16.3	.
Warehousing and support activities for transportation	1.5	1.3	0.9	0.3	-0.2	.
Postal and courier activities	-0.8	-0.7	1.1	-0.7	1.2	.
Accommodation and food service activities	0.8	0.4	-0.3	0.1	1.6	.
Information and communication	-0.6	0.1	-0.0	-0.0	-0.1	0.2
Publishing, audiovisual and broadcasting activities	-1.1	0.0	0.2	-0.2	0.4	.
Telecommunications	-0.0	0.4	-0.2	-0.1	0.4	.
IT- and information services	-1.4	-0.2	0.1	0.2	-0.6	.
Financial and insurance activities	-1.5	-3.5	0.9	-0.3	-1.3	0.6
Financial activities, no insurance and pension funding	-1.6	-4.8	0.9	-0.6	-1.8	.
Insurance and pension funding	-1.0	-1.1	1.1	0.2	0.3	.
Other financial services	-2.8	-1.2	0.3	0.3	-0.8	.
Real estate activities	-3.8	-2.7	-1.1	-1.7	-2.2	0.2
Business services	-1.6	0.2	-0.1	-0.0	1.0	1.0
Management, technical consultancy	-1.7	-0.3	0.0	-0.1	1.4	.
Research and development	0.9	1.2	0.4	0.8	1.4	.
Advertising, design and other services	-1.5	-1.1	0.0	-0.5	1.2	.
Renting and leasing of tangible goods	-2.5	0.2	-0.4	-0.2	0.7	.
Employment activities	-1.4	0.3	0.0	0.0	0.3	.
Travel agencies, tour operators etc.	-0.7	0.0	0.0	-0.6	0.5	.
Other business services	-0.9	1.2	0.3	0.0	0.8	.
Government and care	0.5	0.5	1.4	0.2	-0.1	0.3
Public administration and defence; compulsory social security	0.9	0.6	1.4	0.1	-0.6	.
Education	0.4	0.7	1.3	0.6	0.7	.
Human health activities	-0.1	0.3	1.8	0.6	1.3	.
Social work activities	-0.7	-0.2	1.5	0.1	-0.5	.
Culture, recreation, other services	-0.6	0.2	0.7	0.2	0.3	0.7
Arts, entertainment and recreation	-0.2	0.1	0.5	0.4	0.4	.
Other service activities	-1.2	0.4	0.9	0.0	0.2	.
Households with domestic personnel	.	.	.	.	.	.
Fixed capital formation from production and imports	-0.9	-0.2	0.3	-0.2	-0.1	0.5
Sales of existing fixed assets (-)	0.7	0.9	0.6	1.1	1.7	1.0
Exports	1.2	1.2	1.0	0.9	1.6	1.9
Final consumption expenditure	0.2	0.2	-0.4	1.4	1.9	0.0
Fixed capital formation (gross)	-0.9	-0.2	0.3	-0.2	-0.1	0.4

B 5.1 Exports of goods and services by origin (basic prices)

	2011	2012	2013	2014	2015	2016*
	mln euro					
Exports of goods						
Agriculture, forestry and fishing	10 760	11 415	11 685	11 210	11 729	11 819
Mining and quarrying	11 153	13 144	14 298	10 462	7 373	5 914
Manufacturing	146 929	152 718	151 661	154 862	157 433	159 364
Manufacture of food, beverages and tobacco	28 030	29 658	31 876	33 031	34 614	37 301
Manufacture of textile-, leatherproducts	1 779	1 748	1 828	1 871	1 981	2 082
Manufacture of paper-, wood products, printing	3 286	3 229	3 169	3 290	3 114	3 111
Manufacture of coke and petroleum	21 676	25 294	23 901	22 653	16 375	13 040
Manufacture of chemicals	29 462	30 319	28 032	27 787	26 437	25 998
Manufacture of pharmaceuticals	3 254	3 302	2 724	2 452	2 758	2 669
Manufacture of plastic and building material	5 113	5 221	5 550	5 708	5 928	6 319
Manufacture of basic metals and -products	8 959	8 663	8 367	8 813	8 668	8 766
Manufacture of electronic products	17 914	18 253	18 515	19 273	24 702	24 124
Manufacture of electrical equipment	2 922	3 031	3 027	2 980	3 026	3 252
Manufacture of machinery n.e.c.	14 906	13 402	13 847	15 026	14 907	14 843
Manufacture of transport equipment	7 191	8 047	8 231	9 223	12 054	14 744
Other manufacturing and repair	2 437	2 551	2 594	2 755	2 869	3 115
Electricity and gas supply	469	856	803	820	921	776
Water supply and waste management	765	662	716	730	672	617
Construction	158	116	179	221	197	232
Trade, transport, hotels, catering	11 202	11 834	12 383	12 375	13 335	13 567
Information and communication	565	674	721	847	939	1 081
Financial and insurance activities	0	0	0	0	0	0
Real estate activities	0	0	0	0	0	0
Business service activities	185	279	188	217	215	244
Government and care	234	227	229	222	191	172
Culture, recreation and other service activities	72	58	66	63	69	59
Re-exports	177 110	192 932	193 021	194 868	201 987	206 740
Taxes less subsidies on products	1 155	1 074	1 113	1 290	1 409	1 411
Trade and transport margins	37 987	39 419	40 327	41 468	43 770	45 931
Exports of goods	398 744	425 408	427 390	429 655	440 240	447 927
Exports of services						
Agriculture, forestry and fishing	162	133	137	150	165	168
Mining and quarrying	1 955	2 262	2 491	2 853	3 394	2 352
Manufacturing	8 956	9 631	9 636	9 321	9 717	10 269
Electricity and gas supply	128	115	131	138	112	119
Water supply and waste management	144	131	139	129	136	146
Construction	2 282	2 575	2 708	2 631	2 845	2 686
Trade, transport, hotels, catering	28 854	30 920	31 522	32 180	33 323	32 963
Information and communication	8 147	8 493	8 876	9 367	12 535	13 268
Financial and insurance activities	9 765	7 741	8 763	8 588	7 837	7 314
Real estate activities	141	142	143	145	152	153
Business service activities	16 929	18 053	19 288	20 787	24 321	25 704
Government and care	1 119	1 125	1 044	1 115	1 184	1 169
Culture, recreation and other service activities	292	293	286	290	291	301
Re-exports	14 096	15 882	15 896	22 091	25 187	25 144
Taxes less subsidies on products	- 28	- 22	- 21	- 15	- 20	- 20
Final consumption by non-residents in the Netherlands	9 230	9 569	10 343	11 068	11 876	12 697
Cif/fob-adjustment	- 3 569	- 3 828	- 3 452	- 3 078	- 3 117	- 3 043
Exports of services	98 603	103 215	107 930	117 760	129 938	131 390
Exports of goods and services	497 347	528 623	535 320	547 415	570 178	579 317

B 5.2 Exports of goods and services by origin (basic prices), volume changes

	2011	2012	2013	2014	2015	2016*
	%					
Exports of goods						
Agriculture, forestry and fishing	-1.4	-1.5	-0.3	1.1	-0.1	0.7
Mining and quarrying	-4.8	-0.2	10.2	-14.2	-20.9	9.2
Manufacturing	6.9	1.7	1.2	4.5	5.4	4.2
Manufacture of food, beverages and tobacco	2.1	3.4	6.0	4.9	7.1	7.2
Manufacture of textile-, leatherproducts	13.5	-4.5	5.2	1.4	4.2	6.6
Manufacture of paper-, wood products, printing	0.0	-0.8	-1.6	2.8	-5.1	0.8
Manufacture of coke and petroleum	-5.0	7.6	1.8	5.6	4.6	-4.5
Manufacture of chemicals	7.3	0.6	-5.5	0.6	0.2	3.9
Manufacture of pharmaceuticals	3.9	2.9	-0.5	-7.1	11.2	-2.1
Manufacture of plastic and building material	0.9	0.5	6.1	2.7	3.7	7.5
Manufacture of basic metals and -products	5.7	-0.5	-0.4	6.2	1.5	3.3
Manufacture of electronic products	17.0	2.5	3.0	5.3	9.7	0.3
Manufacture of electrical equipment	10.9	1.8	-1.0	-0.5	-0.9	8.0
Manufacture of machinery n.e.c.	24.6	-11.0	2.7	7.7	-1.9	-1.2
Manufacture of transport equipment	8.0	10.6	1.3	12.3	29.5	21.6
Other manufacturing and repair	6.6	3.1	0.8	6.4	3.3	8.9
Electricity and gas supply	-10.7	77.0	-1.5	22.4	21.5	-11.4
Water supply and waste management	1.3	-10.3	19.0	7.7	4.4	-1.8
Construction	-20.8	-24.7	55.2	24.6	-12.2	18.3
Trade, transport, hotels, catering	12.7	4.6	5.7	-0.2	9.0	1.4
Information and communication	-12.5	20.2	8.6	15.7	12.6	11.1
Financial and insurance activities	.	.	.	.	.	.
Real estate activities	.	.	.	.	.	.
Business service activities	-9.5	48.1	-33.7	13.3	-1.4	11.2
Government and care	-8.0	0.4	5.3	-1.3	-5.0	-1.6
Culture, recreation and other service activities	2.9	-20.8	10.3	-4.5	4.8	-7.2
Re-exports	2.4	5.8	1.5	3.3	7.7	6.5
Taxes less subsidies on products	4.9	0.3	4.0	14.6	6.7	6.1
Trade and transport margins	5.3	2.5	2.4	5.0	3.2	4.4
Exports of goods	4.2	3.6	1.8	3.2	5.6	5.2
Exports of services						
Agriculture, forestry and fishing	4.7	-18.5	0.8	6.6	9.3	1.2
Mining and quarrying	7.6	13.8	7.7	12.2	17.5	-31.6
Manufacturing	4.4	7.1	-0.5	-4.1	1.3	4.7
Electricity and gas supply	-40.7	-10.9	13.0	4.6	-18.8	5.4
Water supply and waste management	6.8	-9.7	4.6	-7.2	3.9	7.4
Construction	-8.7	10.8	5.2	-2.5	9.9	-4.8
Trade, transport, hotels, catering	3.8	5.3	1.2	2.3	2.6	1.5
Information and communication	8.1	6.5	6.1	7.3	30.6	5.5
Financial and insurance activities	0.8	-13.5	5.9	4.1	-0.5	-0.7
Real estate activities	2.9	3.5	0.7	1.4	4.1	0.7
Business service activities	9.6	6.4	6.3	7.5	16.1	5.2
Government and care	10.9	0.2	-10.2	6.6	5.7	1.4
Culture, recreation and other service activities	2.1	1.0	-3.1	0.7	-1.0	2.7
Re-exports	8.9	11.4	-1.3	37.9	14.0	-1.5
Taxes less subsidies on products	20.0	21.4	22.7	9.5	26.7	5.0
Final consumption by non-residents in the Netherlands	3.2	1.7	6.8	5.7	5.9	5.1
Cif/fob-adjustment	0.9	3.9	-8.1	-8.3	7.0	2.1
Exports of services	5.3	4.6	3.3	9.3	9.7	1.4
Exports of goods and services	4.4	3.8	2.1	4.5	6.5	4.3

B 5.3 Exports of goods and services by origin (basic prices), price changes

	2011	2012	2013	2014	2015	2016*
	%					
Exports of goods						
Agriculture, forestry and fishing	-2.4	7.7	2.7	-5.1	4.7	0.1
Mining and quarrying	19.9	18.1	-1.3	-14.7	-10.9	-26.5
Manufacturing	8.3	2.3	-1.9	-2.3	-3.5	-2.9
Manufacture of food, beverages and tobacco	7.3	2.3	1.4	-1.2	-2.1	0.5
Manufacture of textile-, leatherproducts	5.0	2.9	-0.6	1.0	1.6	-1.4
Manufacture of paper-, wood products, printing	5.4	-1.0	-0.3	1.0	-0.3	-0.9
Manufacture of coke and petroleum	27.8	8.5	-7.2	-10.2	-30.9	-16.7
Manufacture of chemicals	13.8	2.3	-2.2	-1.4	-5.0	-5.4
Manufacture of pharmaceuticals	3.5	-1.3	-17.1	-3.1	1.2	-1.1
Manufacture of plastic and building material	4.5	1.6	0.2	0.1	0.1	-0.8
Manufacture of basic metals and -products	6.1	-2.8	-3.0	-0.8	-3.1	-2.1
Manufacture of electronic products	-2.2	-0.6	-1.6	-1.1	16.8	-2.7
Manufacture of electrical equipment	4.7	1.9	0.9	-1.1	2.5	-0.5
Manufacture of machinery n.e.c.	0.6	1.0	0.6	0.8	1.1	0.8
Manufacture of transport equipment	0.9	1.2	1.0	-0.2	0.9	0.6
Other manufacturing and repair	1.9	1.6	0.9	-0.2	0.8	-0.3
Electricity and gas supply	19.3	3.1	-4.7	-16.6	-7.5	-4.9
Water supply and waste management	10.2	-3.5	-9.1	-5.3	-11.8	-6.5
Construction	1.3	-2.5	-0.6	-0.9	1.5	-0.4
Trade, transport, hotels, catering	0.9	1.0	-1.0	0.1	-1.1	0.4
Information and communication	0.9	-0.7	-1.5	1.6	-1.6	3.6
Financial and insurance activities	.	.	.	.	.	.
Real estate activities	.	.	.	.	.	.
Business service activities	1.6	1.8	1.6	1.9	0.5	2.1
Government and care	6.8	-3.4	-4.2	-1.8	-9.5	-8.5
Culture, recreation and other service activities	2.9	1.8	3.1	0.0	4.5	-7.8
Re-exports	6.5	3.0	-1.4	-2.2	-3.8	-3.9
Taxes less subsidies on products	6.6	-7.3	-0.4	1.1	2.4	-5.6
Trade and transport margins	-1.3	1.3	-0.1	-2.0	2.3	0.6
Exports of goods	6.2	3.0	-1.4	-2.6	-2.9	-3.3
Exports of services						
Agriculture, forestry and fishing	3.8	0.8	2.2	2.7	0.6	0.6
Mining and quarrying	1.7	1.7	2.3	2.0	1.3	1.3
Manufacturing	1.2	0.4	0.6	0.8	2.9	0.9
Electricity and gas supply	0.8	0.9	0.8	0.7	0.0	0.8
Water supply and waste management	2.1	0.8	1.5	0.0	1.5	0.0
Construction	2.0	1.9	-0.1	-0.3	-1.6	-0.8
Trade, transport, hotels, catering	1.1	1.8	0.8	-0.2	0.9	-2.5
Information and communication	-2.3	-2.1	-1.5	-1.6	2.5	0.3
Financial and insurance activities	-9.3	-8.3	6.9	-5.9	-8.3	-6.0
Real estate activities	0.0	-2.7	0.0	0.0	0.7	0.0
Business service activities	0.9	0.2	0.5	0.2	0.8	0.5
Government and care	2.7	0.4	3.4	0.2	0.5	-2.7
Culture, recreation and other service activities	-1.4	-0.7	0.7	0.7	1.4	0.7
Re-exports	1.5	1.2	1.4	0.8	0.0	1.3
Taxes less subsidies on products	-22.2	-35.3	-22.2	-34.8	5.3	-4.8
Final consumption by non-residents in the Netherlands	1.1	2.0	1.2	1.2	1.3	1.7
Cif/fob-adjustment	8.1	3.2	-1.9	-2.7	-5.3	-4.3
Exports of services	-0.4	0.1	1.3	-0.2	0.5	-0.3
Exports of goods and services	4.8	2.4	-0.8	-2.1	-2.2	-2.6

B 6.1 Imports of goods and services by destination

	2011	2012	2013	2014	2015	2016*
	mln euro					
Imports of goods						
Intermediate consumption	121 057	126 151	123 554	121 165	115 712	112 949
Agriculture, forestry and fishing	1 979	2 176	2 197	2 055	2 148	2 033
Mining and quarrying	58	57	62	61	66	58
Manufacturing	86 460	90 683	88 539	86 076	79 931	76 620
Manufacture of food, beverages and tobacco	13 982	14 717	15 645	15 115	16 651	17 070
Manufacture of textile-, leatherproducts	759	696	712	735	816	828
Manufacture of paper-, wood products, printing	3 178	3 126	3 022	3 121	3 186	3 201
Manufacture of coke and petroleum	26 891	31 001	28 926	26 735	17 589	13 694
Manufacture of chemicals	15 102	15 841	14 684	14 303	12 882	12 139
Manufacture of pharmaceuticals	610	587	554	565	472	408
Manufacture of plastic and building material	2 836	2 773	2 878	2 822	2 965	2 934
Manufacture of basic metals and -products	6 675	5 852	5 778	5 552	5 477	5 362
Manufacture of electronic products	4 096	4 135	4 204	4 266	4 789	4 584
Manufacture of electrical equipment	1 451	1 422	1 373	1 341	1 428	1 576
Manufacture of machinery n.e.c.	5 525	5 163	5 468	5 892	5 956	5 807
Manufacture of transport equipment	3 278	3 291	3 231	3 473	5 363	6 540
Other manufacturing and repair	2 077	2 079	2 064	2 156	2 357	2 477
Electricity and gas supply	3 553	3 262	3 045	2 937	3 259	3 013
Water supply and waste management	633	684	639	581	662	660
Construction	7 678	7 149	6 933	7 213	7 689	8 207
Trade, transport, hotels, catering	10 071	10 835	10 780	10 606	10 123	10 191
Information and communication	1 816	1 908	2 076	2 211	2 177	2 356
Financial and insurance activities	195	224	215	209	188	206
Real estate activities	539	574	555	540	527	537
Business service activities	1 664	1 715	1 677	1 663	1 714	1 825
Government and care	5 388	5 807	5 770	5 959	6 169	6 152
Culture, recreation and other service activities	777	827	830	811	819	839
Goods and services n.e.c.	246	250	236	243	240	252
Final expenditure	224 314	240 655	239 522	242 385	255 989	260 796
Final consumption of households incl. NPIs serving households	26 002	26 635	26 368	26 385	27 671	28 228
Final consumption of general government	1 624	1 306	1 023	1 096	1 133	1 147
Fixed capital formation	18 739	18 143	17 540	17 206	22 097	22 440
Exports (= re-exports)	178 072	193 900	194 058	195 949	203 147	207 948
Changes in inventories	- 123	671	533	1 749	1 941	1 033
Cif/fob-adjustment and reclassification	- 11 548	- 12 494	- 11 033	- 9 813	- 9 848	- 9 535
Imports of goods	333 823	354 312	352 043	353 737	361 853	364 210
Imports of services						
Intermediate consumption	65 146	65 612	66 883	69 615	80 372	81 945
Agriculture, forestry and fishing	337	333	362	373	378	386
Mining and quarrying	380	385	362	463	480	452
Manufacturing	20 933	21 719	21 822	23 356	27 840	28 130
Electricity and gas supply	597	609	615	580	616	659
Water supply and waste management	159	164	173	171	186	192
Construction	1 669	1 673	1 660	1 556	1 717	1 746
Trade, transport, hotels, catering	17 321	17 711	18 084	18 585	20 411	20 860
Information and communication	3 624	3 651	3 673	3 956	6 702	7 255
Financial and insurance activities	7 231	5 927	6 663	6 892	6 750	6 459
Real estate activities	603	638	652	654	748	762
Business service activities	9 595	10 090	10 047	10 255	11 487	11 908
Government and care	2 148	2 168	2 176	2 157	2 397	2 464
Culture, recreation and other service activities	549	544	594	617	660	672
Final expenditure	33 024	35 493	36 251	42 603	46 165	46 287
Final consumption of households incl. NPIs serving households	1 199	1 135	1 508	1 529	1 558	1 607
Final consumption of general government	2	1	1	1	1	0
Final consumption by residents in the rest of the world	11 670	12 129	12 391	12 729	12 960	13 193
Fixed capital formation	6 030	6 313	6 419	6 215	6 418	6 299
Exports (= re-exports)	14 123	15 915	15 932	22 129	25 228	25 188
Trade and transport margins	2 471	2 594	2 744	2 840	2 922	3 035
Cif/fob-reclassification	7 979	8 666	7 581	6 735	6 731	6 492
Imports of services	108 620	112 365	113 459	121 793	136 190	137 759
Imports of goods and services	442 443	466 677	465 502	475 530	498 043	501 969

B 6.2 Imports of goods and services by destination, volume changes

	2011	2012	2013	2014	2015	2016*
	%					
Imports of goods						
Intermediate consumption	3.8	0.1	1.2	2.5	6.6	4.4
Agriculture, forestry and fishing	2.4	5.0	-0.2	0.3	9.7	4.4
Mining and quarrying	0.0	-3.4	14.0	9.7	6.6	-4.5
Manufacturing	6.3	0.1	1.2	2.2	6.7	3.1
Manufacture of food, beverages and tobacco	5.6	1.3	6.4	1.5	8.9	5.8
Manufacture of textile-, leatherproducts	-0.4	-9.5	4.0	4.4	5.0	3.9
Manufacture of paper-, wood products, printing	-0.9	-1.7	-2.4	4.6	-0.4	1.4
Manufacture of coke and petroleum	-3.1	5.0	-0.4	0.6	5.3	-3.4
Manufacture of chemicals	10.8	-1.4	-3.1	2.2	6.2	5.2
Manufacture of pharmaceuticals	-10.3	-3.9	-5.8	4.3	-20.0	-7.6
Manufacture of plastic and building material	9.9	-3.8	3.0	-0.9	6.8	2.2
Manufacture of basic metals and -products	9.3	-7.1	4.6	1.3	3.0	1.3
Manufacture of electronic products	33.2	-0.2	3.2	2.8	1.6	-2.9
Manufacture of electrical equipment	6.5	-2.2	0.3	-0.8	4.3	10.6
Manufacture of machinery n.e.c.	22.1	-7.5	7.4	8.2	-3.6	-2.1
Manufacture of transport equipment	16.2	-0.2	-1.5	8.4	52.1	22.2
Other manufacturing and repair	-0.6	-0.4	0.6	5.7	7.1	6.7
Electricity and gas supply	-7.8	-8.7	-0.7	6.6	22.4	8.0
Water supply and waste management	11.8	11.1	0.7	-5.5	19.4	6.6
Construction	-2.2	-8.2	-2.8	4.4	5.1	8.1
Trade, transport, hotels, catering	-0.3	2.0	2.7	2.6	4.4	8.3
Information and communication	3.3	7.7	11.4	8.4	8.5	9.6
Financial and insurance activities	9.7	12.3	2.2	0.9	-5.3	16.5
Real estate activities	0.4	4.6	-2.1	2.0	-0.6	7.0
Business service activities	1.8	1.7	1.8	1.9	6.1	11.1
Government and care	-4.8	5.9	1.8	2.9	2.9	4.4
Culture, recreation and other service activities	1.5	5.7	4.4	4.7	0.5	9.2
Goods and services n.e.c.	0.0	-1.6	-2.0	3.8	-4.1	3.3
Final expenditure	0.0	0.0	0.0	0.0	0.0	0.0
Final consumption of households incl. NPIs serving households	2.4	4.4	0.7	3.2	8.8	5.5
Final consumption of general government	-8.0	-10.0	-26.4	5.7	7.7	13.1
Fixed capital formation	17.9	-4.5	-3.3	-1.7	25.7	1.8
Exports (= re-exports)	2.4	5.7	1.5	3.3	7.7	6.5
Changes in inventories	.	.	.	.	.	.
Cif/fob-adjustment and reclassification	0.3	4.8	-10.0	-8.5	6.0	1.2
Imports of goods	2.9	2.8	1.3	3.3	8.1	5.3
Imports of services						
Intermediate consumption	6.3	0.0	1.0	3.5	10.6	1.4
Agriculture, forestry and fishing	1.8	-2.1	8.7	1.4	-0.3	1.1
Mining and quarrying	15.9	0.3	-6.8	26.2	1.3	-6.5
Manufacturing	9.6	2.6	-0.4	6.1	7.1	-0.0
Electricity and gas supply	7.7	2.2	1.1	-6.5	4.7	5.4
Water supply and waste management	9.0	2.5	6.7	-0.6	9.9	3.2
Construction	9.0	-0.5	-0.3	-6.8	8.9	0.8
Trade, transport, hotels, catering	4.3	0.8	1.2	1.7	8.0	2.0
Information and communication	5.1	1.8	1.6	8.8	69.3	7.5
Financial and insurance activities	0.4	-16.8	7.2	4.7	-0.3	-1.7
Real estate activities	4.0	7.3	3.1	0.6	14.2	0.5
Business service activities	10.4	4.7	-0.8	1.7	10.3	2.9
Government and care	-3.0	-1.0	1.5	-1.8	6.4	0.3
Culture, recreation and other service activities	5.0	1.5	6.4	2.7	5.8	1.5
Final expenditure	3.8	5.9	0.7	16.8	8.0	0.0
Final consumption of households incl. NPIs serving households	0.6	0.3	27.2	-0.3	-0.6	2.1
Final consumption of general government	.	.	.	.	.	.
Final consumption by residents in the rest of the world	-2.5	0.2	0.5	2.0	1.5	3.8
Fixed capital formation	5.8	5.4	1.4	-2.8	2.0	-2.3
Exports (= re-exports)	8.9	11.4	-1.3	37.8	14.0	-1.5
Trade and transport margins	5.1	3.6	5.0	3.3	2.5	6.0
Cif/fob-reclassification	0.1	5.2	-10.9	-8.7	5.5	0.8
Imports of services	5.1	2.3	0.1	7.0	9.2	1.0
Imports of goods and services	3.5	2.7	1.0	4.2	8.4	4.1

B 6.3 Imports of goods and services by destination, price changes

	2011	2012	2013	2014	2015	2016*
	%					
Imports of goods						
Intermediate consumption	13.8	4.1	-3.3	-4.4	-10.4	-6.5
Agriculture, forestry and fishing	13.1	4.7	1.2	-6.7	-4.7	-9.4
Mining and quarrying	-1.7	1.8	-4.6	-10.3	1.5	-7.9
Manufacturing	16.2	4.7	-3.5	-4.9	-13.0	-7.0
Manufacture of food, beverages and tobacco	14.0	3.9	-0.1	-4.8	1.2	-3.1
Manufacture of textile-, leatherproducts	11.6	1.3	-1.7	-1.1	5.7	-2.4
Manufacture of paper-, wood products, printing	5.3	0.0	-1.0	-1.3	2.5	-0.9
Manufacture of coke and petroleum	31.5	9.8	-6.4	-8.1	-37.5	-19.4
Manufacture of chemicals	19.1	6.4	-4.4	-4.7	-15.2	-10.4
Manufacture of pharmaceuticals	9.3	0.2	0.2	-2.2	4.4	-6.4
Manufacture of plastic and building material	9.0	1.6	0.7	-1.1	-1.6	-3.2
Manufacture of basic metals and -products	11.1	-5.6	-5.6	-5.2	-4.2	-3.3
Manufacture of electronic products	0.5	1.1	-1.5	-1.3	10.5	-1.4
Manufacture of electrical equipment	8.1	0.2	-3.7	-1.5	2.1	-0.3
Manufacture of machinery n.e.c.	1.0	1.0	-1.4	-0.4	4.9	-0.4
Manufacture of transport equipment	1.8	0.5	-0.3	-0.9	1.6	-0.2
Other manufacturing and repair	3.1	0.5	-1.3	-1.1	2.0	-1.5
Electricity and gas supply	20.6	0.6	-6.0	-9.5	-9.3	-14.4
Water supply and waste management	9.1	-2.7	-7.3	-3.8	-4.6	-6.5
Construction	4.8	1.4	-0.2	-0.3	1.4	-1.2
Trade, transport, hotels, catering	13.0	5.5	-3.2	-4.1	-8.6	-7.0
Information and communication	-2.8	-2.4	-2.4	-1.7	-9.3	-1.3
Financial and insurance activities	1.6	2.3	-6.1	-3.7	-5.1	-5.9
Real estate activities	3.1	1.8	-1.2	-4.6	-1.9	-4.8
Business service activities	2.7	1.4	-4.0	-2.7	-2.9	-4.1
Government and care	3.4	1.8	-2.4	0.3	0.6	-4.5
Culture, recreation and other service activities	5.0	0.7	-3.8	-6.7	0.5	-6.2
Goods and services n.e.c.	2.5	3.3	-3.7	-0.8	3.0	1.6
Final expenditure	5.2	2.7	-1.1	-1.9	-2.9	-3.4
Final consumption of households incl. NPIs serving households	2.7	2.4	-0.0	-0.8	-0.5	-1.9
Final consumption of general government	-0.4	-10.6	6.5	1.4	-4.0	-10.5
Fixed capital formation	-0.5	1.4	0.0	-0.2	2.1	-0.2
Exports (= re-exports)	6.4	3.0	-1.4	-2.2	-3.7	-3.9
Changes in inventories	.	.	.	.	.	.
Cif/fob-adjustment and reclassification	8.1	3.2	-1.9	-2.7	-5.3	-4.4
Imports of goods	8.1	3.2	-1.9	-2.7	-5.4	-4.4
Imports of services						
Intermediate consumption	0.9	0.7	0.9	0.5	4.4	0.5
Agriculture, forestry and fishing	-1.7	0.9	0.0	1.6	1.6	1.0
Mining and quarrying	2.2	1.0	0.8	1.3	2.3	0.7
Manufacturing	1.3	1.1	0.8	0.9	11.3	1.1
Electricity and gas supply	1.4	-0.2	-0.2	0.9	1.5	1.5
Water supply and waste management	0.6	0.6	-1.1	-0.6	-1.1	0.0
Construction	1.0	0.7	-0.5	0.6	1.3	0.9
Trade, transport, hotels, catering	0.6	1.4	0.8	1.1	1.7	0.2
Information and communication	0.3	-1.0	-1.0	-1.1	0.0	0.7
Financial and insurance activities	0.8	-1.5	4.8	-1.2	-1.7	-2.6
Real estate activities	0.3	-1.4	-0.9	-0.3	0.1	1.3
Business service activities	0.9	0.4	0.3	0.4	1.5	0.8
Government and care	1.1	2.0	-1.1	0.9	4.5	2.5
Culture, recreation and other service activities	1.1	-2.3	2.6	1.1	1.1	0.3
Final expenditure	2.1	1.5	1.4	0.6	0.3	0.2
Final consumption of households incl. NPIs serving households	2.4	-5.6	4.4	1.7	2.5	1.0
Final consumption of general government	.	.	.	.	.	.
Final consumption by residents in the rest of the world	4.3	3.7	1.7	0.7	0.3	-2.0
Fixed capital formation	-0.8	-0.7	0.3	-0.4	1.2	0.4
Exports (= re-exports)	1.5	1.2	1.4	0.8	0.0	1.3
Trade and transport margins	3.0	1.4	0.7	0.2	0.4	-2.0
Cif/fob-reclassification	8.1	3.2	-1.9	-2.7	-5.3	-4.4
Imports of services	1.8	1.1	0.9	0.4	2.4	0.1
Imports of goods and services	6.5	2.7	-1.2	-2.0	-3.4	-3.2

4.

Production and generation of income

P 1 Output (basic prices) by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	28 449	29 406	30 835	29 648	29 429	29 791
Mining and quarrying	22 399	25 434	26 497	21 828	17 279	13 014
Manufacturing	291 758	297 727	293 296	293 446	297 143	299 469
Manufacture of food, beverages and tobacco	57 961	61 023	64 086	64 922	67 004	70 646
Manufacture of textile-, leatherproducts	3 499	3 344	3 370	3 365	3 430	3 437
Manufacture of paper-, wood products, printing	13 383	12 661	12 222	12 245	12 332	12 507
Manufacture of coke and petroleum	32 869	37 465	35 358	31 959	23 858	19 227
Manufacture of chemicals	47 941	50 355	46 834	45 376	43 162	42 838
Manufacture of pharmaceuticals	5 497	5 776	4 324	4 334	4 734	4 577
Manufacture of plastic and building material	13 523	13 098	13 166	13 278	13 575	14 122
Manufacture of basic metals and -products	27 440	25 819	25 217	25 723	25 862	26 239
Manufacture of electronic products	27 719	27 909	28 247	29 154	35 594	34 904
Manufacture of electrical equipment	5 671	5 528	5 415	5 232	5 511	6 075
Manufacture of machinery n.e.c.	25 231	23 385	24 079	25 490	25 402	25 351
Manufacture of transport equipment	13 327	13 173	13 300	14 257	17 696	20 045
Other manufacturing and repair	17 697	18 191	17 678	18 111	18 983	19 501
Electricity and gas supply	18 540	18 392	17 664	16 584	16 882	16 521
Water supply and waste management	9 479	9 141	9 184	9 295	9 251	9 456
Construction	91 131	83 931	79 002	80 232	84 118	89 605
Construction buildings, development	38 214	33 742	30 344	31 211	34 707	37 867
Civil engineering	15 604	15 034	15 016	15 236	14 053	13 749
Specialised construction activities	37 313	35 155	33 642	33 785	35 358	37 989
Trade, transport, hotels, catering	224 959	227 404	230 458	235 401	246 511	253 693
Sale and repair of motor vehicles	16 981	16 274	16 114	15 982	16 787	17 309
Wholesale trade (no motor vehicles)	83 954	85 301	87 412	89 033	93 952	97 583
Retail trade (not in motor vehicles)	35 689	35 685	35 738	35 827	37 120	38 310
Land transport	27 409	27 904	27 416	28 009	28 709	29 760
Water transport	7 308	7 712	7 970	8 371	8 543	7 998
Air transport	9 679	10 052	10 595	10 582	10 946	10 678
Warehousing and support activities for transportation	18 862	19 185	19 572	20 617	22 025	21 915
Postal and courier activities	5 027	4 983	5 013	5 294	5 205	5 278
Accommodation and food service activities	20 050	20 308	20 628	21 686	23 224	24 862
Information and communication	52 056	51 881	52 258	54 628	61 049	62 716
Publishing, audiovisual and broadcasting activities	10 496	10 243	10 041	10 175	11 601	12 014
Telecommunications	17 057	16 745	16 531	16 449	16 151	15 886
IT- and information services	24 503	24 893	25 686	28 004	33 297	34 816
Financial and insurance activities	76 004	78 286	77 189	77 841	75 567	72 721
Financial activities, no insurance and pension funding	48 631	50 156	51 440	51 088	50 298	48 827
Insurance and pension funding	21 409	22 171	19 743	20 539	18 801	17 463
Other financial services	5 964	5 959	6 006	6 214	6 468	6 431
Real estate activities	69 809	70 670	72 068	74 725	77 210	79 325
Business services	137 447	142 834	143 021	148 842	157 426	164 692
Management, technical consultancy	67 942	71 823	71 608	74 295	76 129	78 105
Research and development	4 394	4 406	4 583	4 572	4 836	5 017
Advertising, design and other services	14 175	14 298	14 065	14 066	14 671	15 494
Renting and leasing of tangible goods	10 141	10 472	10 434	10 610	11 344	11 647
Employment activities	19 099	19 081	19 248	20 787	23 321	25 833
Travel agencies, tour operators etc.	7 382	8 262	7 965	9 023	10 564	11 380
Other business services	14 314	14 492	15 118	15 489	16 561	17 216
Government and care	188 101	192 373	193 888	195 770	195 852	198 113
Public administration and defence; compulsory social security	74 463	75 153	74 967	75 837	75 230	74 434
Education	37 910	37 970	38 111	38 671	39 425	40 664
Human health activities	41 938	43 499	44 751	45 228	45 885	46 926
Social work activities	33 790	35 751	36 059	36 034	35 312	36 089
Culture, recreation, other services	26 621	26 685	26 889	27 488	28 327	29 081
Arts, entertainment and recreation	14 168	14 201	14 313	14 749	15 331	15 668
Other service activities	12 008	11 998	12 094	12 255	12 467	12 866
Households with domestic personnel	445	486	482	484	529	547
Subtotal	1 236 753	1 254 164	1 252 249	1 265 728	1 296 044	1 318 197
Goods and services n.e.c.	1 661	1 630	1 543	1 570	1 623	1 704
Output	1 238 414	1 255 794	1 253 792	1 267 298	1 297 667	1 319 901

P 2 Intermediate consumption by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	18 752	19 181	19 637	18 652	18 327	18 248
Mining and quarrying	3 840	4 107	4 336	4 756	4 394	4 105
Manufacturing	221 779	228 653	226 620	225 442	224 033	222 821
Manufacture of food, beverages and tobacco	46 118	48 204	50 898	51 080	52 868	54 785
Manufacture of textile-, leatherproducts	2 374	2 267	2 278	2 261	2 318	2 283
Manufacture of paper-, wood products, printing	9 005	8 624	8 476	8 504	8 570	8 617
Manufacture of coke and petroleum	31 887	36 421	34 686	32 258	22 449	17 893
Manufacture of chemicals	38 978	41 621	38 714	37 294	33 755	32 761
Manufacture of pharmaceuticals	2 827	2 837	2 697	2 808	2 908	2 779
Manufacture of plastic and building material	9 091	8 868	8 944	8 842	9 117	9 403
Manufacture of basic metals and -products	19 294	17 783	17 388	17 256	17 344	17 422
Manufacture of electronic products	23 632	24 010	24 401	25 308	31 275	31 050
Manufacture of electrical equipment	3 392	3 326	3 260	3 163	3 314	3 643
Manufacture of machinery n.e.c.	16 427	15 491	15 924	16 635	16 581	16 405
Manufacture of transport equipment	9 562	9 763	9 703	10 515	13 371	15 285
Other manufacturing and repair	9 192	9 438	9 251	9 518	10 163	10 495
Electricity and gas supply	11 263	10 934	10 458	10 105	10 022	9 615
Water supply and waste management	5 813	5 544	5 569	5 573	5 591	5 705
Construction	60 836	56 105	52 546	53 009	55 917	59 640
Construction buildings, development	28 000	24 684	22 421	22 680	24 988	27 299
Civil engineering	10 643	10 451	10 038	10 349	9 530	9 362
Specialised construction activities	22 193	20 970	20 087	19 980	21 399	22 979
Trade, transport, hotels, catering	111 035	112 263	112 205	113 629	117 832	119 753
Sale and repair of motor vehicles	9 059	8 745	8 658	8 513	8 991	9 164
Wholesale trade (no motor vehicles)	36 346	36 933	36 823	37 304	39 275	40 314
Retail trade (not in motor vehicles)	13 790	13 631	13 552	13 481	13 772	13 880
Land transport	16 079	16 256	15 872	16 070	16 497	16 703
Water transport	5 232	5 681	5 573	5 766	5 677	5 598
Air transport	7 418	7 741	8 097	8 034	7 572	7 546
Warehousing and support activities for transportation	9 772	9 666	9 825	10 145	10 923	10 865
Postal and courier activities	2 603	2 708	2 791	2 972	3 077	3 159
Accommodation and food service activities	10 736	10 902	11 014	11 344	12 048	12 524
Information and communication	24 167	24 130	24 338	26 155	31 313	32 463
Publishing, audiovisual and broadcasting activities	5 588	5 399	5 301	5 284	6 650	6 917
Telecommunications	7 929	8 035	8 324	8 496	8 509	8 493
IT- and information services	10 650	10 696	10 713	12 375	16 154	17 053
Financial and insurance activities	30 086	28 378	28 047	29 315	28 422	28 346
Financial activities, no insurance and pension funding	16 810	15 762	16 326	16 637	16 635	16 323
Insurance and pension funding	11 040	10 340	9 554	10 433	9 552	9 777
Other financial services	2 236	2 276	2 167	2 245	2 235	2 246
Real estate activities	36 404	41 620	40 895	40 009	41 275	41 445
Business services	59 180	64 135	63 890	65 511	67 536	69 561
Management, technical consultancy	30 394	34 776	35 338	36 103	35 985	36 465
Research and development	1 995	2 027	1 955	1 891	2 025	2 067
Advertising, design and other services	8 028	8 126	7 981	8 020	8 390	8 795
Renting and leasing of tangible goods	4 289	4 334	4 303	4 364	4 572	4 659
Employment activities	3 932	3 898	3 801	4 009	4 157	4 415
Travel agencies, tour operators etc.	5 559	5 864	5 236	5 734	6 707	7 237
Other business services	4 983	5 110	5 276	5 390	5 700	5 923
Government and care	62 411	63 789	63 446	64 317	64 344	63 262
Public administration and defence; compulsory social security	31 030	30 998	30 119	30 932	30 236	28 656
Education	8 061	7 999	8 035	8 121	8 222	8 476
Human health activities	13 487	14 410	15 006	15 149	15 729	15 797
Social work activities	9 833	10 382	10 286	10 115	10 157	10 333
Culture, recreation, other services	11 597	11 493	11 727	11 841	12 052	12 201
Arts, entertainment and recreation	6 622	6 568	6 669	6 739	6 913	6 998
Other service activities	4 975	4 925	5 058	5 102	5 139	5 203
Households with domestic personnel	0	0	0	0	0	0
Subtotal	657 163	670 332	663 714	668 314	681 058	687 165
Goods and services n.e.c.	1 661	1 630	1 543	1 570	1 623	1 704
Intermediate consumption	658 824	671 962	665 257	669 884	682 681	688 869

P 3 Other taxes on production by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	404	389	360	352	375	374
Mining and quarrying	27	23	32	42	25	23
Manufacturing	725	681	505	541	473	472
Manufacture of food, beverages and tobacco	306	291	165	164	150	142
Manufacture of textile-, leatherproducts	16	14	13	12	11	11
Manufacture of paper-, wood products, printing	44	40	37	38	41	39
Manufacture of coke and petroleum	19	18	16	32	34	36
Manufacture of chemicals	78	77	62	73	63	67
Manufacture of pharmaceuticals	29	24	17	16	13	13
Manufacture of plastic and building material	44	43	37	37	34	36
Manufacture of basic metals and -products	65	53	52	56	53	53
Manufacture of electronic products	15	11	14	26	10	10
Manufacture of electrical equipment	7	5	7	6	4	5
Manufacture of machinery n.e.c.	42	57	37	37	23	21
Manufacture of transport equipment	23	17	20	17	16	15
Other manufacturing and repair	37	31	28	27	21	24
Electricity and gas supply	90	75	79	143	156	159
Water supply and waste management	74	65	63	62	53	53
Construction	166	138	135	130	123	128
Construction buildings, development	58	51	50	48	45	46
Civil engineering	24	23	23	24	20	21
Specialised construction activities	84	64	62	58	58	61
Trade, transport, hotels, catering	1 133	1 105	1 125	1 148	1 056	1 062
Sale and repair of motor vehicles	78	71	73	76	74	77
Wholesale trade (no motor vehicles)	364	336	345	347	267	273
Retail trade (not in motor vehicles)	173	178	189	180	178	180
Land transport	142	139	136	142	142	145
Water transport	8	8	10	7	4	4
Air transport	47	53	52	61	42	44
Warehousing and support activities for transportation	82	81	86	87	79	83
Postal and courier activities	10	8	10	9	7	8
Accommodation and food service activities	229	231	224	239	263	248
Information and communication	79	68	92	113	68	73
Publishing, audiovisual and broadcasting activities	25	21	26	28	28	29
Telecommunications	32	24	31	43	24	25
IT- and information services	22	23	35	42	16	19
Financial and insurance activities	328	796	862	1 871	1 218	1 692
Financial activities, no insurance and pension funding	135	655	683	1 680	1 070	1 544
Insurance and pension funding	169	117	141	149	122	122
Other financial services	24	24	38	42	26	26
Real estate activities	2 137	2 212	2 866	4 051	3 792	3 941
Business services	675	644	775	839	664	680
Management, technical consultancy	133	105	245	268	112	115
Research and development	16	15	19	21	23	23
Advertising, design and other services	22	18	22	19	27	28
Renting and leasing of tangible goods	427	440	419	463	459	468
Employment activities	20	16	22	24	12	12
Travel agencies, tour operators etc.	9	5	16	13	2	3
Other business services	48	45	32	31	29	31
Government and care	1 038	924	1 018	1 069	1 015	1 033
Public administration and defence; compulsory social security	383	352	429	459	397	406
Education	254	226	219	232	239	243
Human health activities	150	128	148	151	151	151
Social work activities	251	218	222	227	228	233
Culture, recreation, other services	109	98	112	111	93	95
Arts, entertainment and recreation	63	58	71	73	57	59
Other service activities	46	40	41	38	36	36
Households with domestic personnel	0	0	0	0	0	0
Other taxes on production	6 985	7 218	8 024	10 472	9 111	9 785

P 4 Other subsidies on production by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	1 126	1 117	1 157	1 042	1 068	900
Mining and quarrying	5	5	5	1	5	7
Manufacturing	666	525	458	406	401	605
Manufacture of food, beverages and tobacco	95	76	65	37	44	39
Manufacture of textile-, leatherproducts	10	8	6	3	4	5
Manufacture of paper-, wood products, printing	39	30	26	19	19	20
Manufacture of coke and petroleum	0	1	0	0	0	0
Manufacture of chemicals	50	42	33	35	35	56
Manufacture of pharmaceuticals	15	9	8	10	10	30
Manufacture of plastic and building material	41	36	28	22	19	26
Manufacture of basic metals and -products	77	61	54	48	46	52
Manufacture of electronic products	62	46	47	51	54	96
Manufacture of electrical equipment	25	19	17	15	15	33
Manufacture of machinery n.e.c.	101	84	80	85	81	159
Manufacture of transport equipment	44	31	28	34	32	41
Other manufacturing and repair	107	82	66	47	42	48
Electricity and gas supply	6	6	1	0	3	1
Water supply and waste management	63	49	47	40	43	46
Construction	161	137	109	93	76	77
Construction buildings, development	31	24	19	17	16	14
Civil engineering	33	32	27	28	25	24
Specialised construction activities	97	81	63	48	35	39
Trade, transport, hotels, catering	807	690	610	525	481	506
Sale and repair of motor vehicles	48	38	30	16	15	15
Wholesale trade (no motor vehicles)	262	237	249	262	252	263
Retail trade (not in motor vehicles)	223	168	133	83	72	78
Land transport	92	81	50	38	26	30
Water transport	63	64	67	72	67	64
Air transport	3	3	0	0	0	0
Warehousing and support activities for transportation	14	16	14	12	14	18
Postal and courier activities	17	15	12	10	7	9
Accommodation and food service activities	85	68	55	32	28	29
Information and communication	243	204	179	216	214	241
Publishing, audiovisual and broadcasting activities	27	21	13	17	12	13
Telecommunications	36	33	23	18	17	16
IT- and information services	180	150	143	181	185	212
Financial and insurance activities	62	57	41	38	34	43
Financial activities, no insurance and pension funding	41	37	27	25	24	32
Insurance and pension funding	8	8	5	5	3	3
Other financial services	13	12	9	8	7	8
Real estate activities	18	15	8	7	8	7
Business services	1 871	1 686	1 585	1 649	1 513	1 612
Management, technical consultancy	219	176	164	195	179	215
Research and development	1 214	1 160	1 091	1 163	1 091	1 135
Advertising, design and other services	75	49	48	35	39	43
Renting and leasing of tangible goods	10	9	5	6	6	6
Employment activities	189	166	161	171	124	134
Travel agencies, tour operators etc.	17	14	19	17	15	16
Other business services	147	112	97	62	59	63
Government and care	2 108	1 929	1 854	1 742	1 801	1 785
Public administration and defence; compulsory social security	131	103	24	12	15	16
Education	178	150	49	28	19	22
Human health activities	1 615	1 500	1 658	1 645	1 603	1 586
Social work activities	184	176	123	57	164	161
Culture, recreation, other services	112	92	59	42	38	36
Arts, entertainment and recreation	26	24	12	15	14	13
Other service activities	86	68	47	27	24	23
Households with domestic personnel	0	0	0	0	0	0
Other subsidies on production	7 248	6 512	6 113	5 801	5 685	5 866

P 5 Compensation of employees by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	2 677	2 739	2 792	2 799	2 789	2 903
Mining and quarrying	912	964	1 052	1 162	1 159	1 074
Manufacturing	37 771	38 285	38 555	39 645	39 493	40 478
Manufacture of food, beverages and tobacco	5 536	5 738	5 899	6 037	6 058	6 315
Manufacture of textile-, leatherproducts	626	634	646	642	633	634
Manufacture of paper-, wood products, printing	2 750	2 696	2 584	2 477	2 378	2 433
Manufacture of coke and petroleum	718	616	507	684	641	614
Manufacture of chemicals	3 298	3 370	3 469	3 531	3 514	3 541
Manufacture of pharmaceuticals	1 018	884	892	868	906	924
Manufacture of plastic and building material	2 708	2 809	2 815	2 751	2 766	2 858
Manufacture of basic metals and -products	5 170	5 225	5 186	5 308	5 411	5 601
Manufacture of electronic products	1 804	1 819	1 911	2 198	2 054	1 980
Manufacture of electrical equipment	1 150	1 188	1 169	1 458	1 250	1 422
Manufacture of machinery n.e.c.	4 378	4 597	4 909	5 037	5 109	5 258
Manufacture of transport equipment	1 973	1 994	2 002	2 091	2 179	2 254
Other manufacturing and repair	6 642	6 715	6 566	6 563	6 594	6 644
Electricity and gas supply	1 679	1 716	1 808	1 800	1 804	1 825
Water supply and waste management	1 779	1 776	1 796	1 805	1 794	1 841
Construction	18 786	18 660	17 277	16 652	16 262	16 599
Construction buildings, development	5 770	5 460	4 839	4 517	4 410	4 648
Civil engineering	3 393	3 551	3 459	3 444	3 269	3 305
Specialised construction activities	9 623	9 649	8 979	8 691	8 583	8 646
Trade, transport, hotels, catering	62 806	64 182	64 446	64 763	66 113	68 435
Sale and repair of motor vehicles	4 752	4 834	4 696	4 618	4 528	4 685
Wholesale trade (no motor vehicles)	23 373	24 222	24 351	24 466	25 229	26 227
Retail trade (not in motor vehicles)	12 908	13 090	13 064	13 274	13 416	13 690
Land transport	7 785	7 764	7 602	7 565	7 737	8 059
Water transport	859	896	946	942	928	922
Air transport	1 909	1 873	1 927	1 877	1 905	1 917
Warehousing and support activities for transportation	4 292	4 480	4 703	4 840	5 006	5 262
Postal and courier activities	1 825	1 779	1 796	1 563	1 498	1 432
Accommodation and food service activities	5 103	5 244	5 361	5 618	5 866	6 241
Information and communication	14 128	14 513	14 458	14 588	15 298	15 910
Publishing, audiovisual and broadcasting activities	2 690	2 694	2 592	2 527	2 522	2 574
Telecommunications	2 086	2 136	2 084	2 154	2 334	2 277
IT- and information services	9 352	9 683	9 782	9 907	10 442	11 059
Financial and insurance activities	19 306	19 383	20 503	20 512	19 409	19 430
Financial activities, no insurance and pension funding	11 289	11 269	12 151	11 927	10 376	10 329
Insurance and pension funding	4 682	4 734	4 910	4 958	4 986	4 973
Other financial services	3 335	3 380	3 442	3 627	4 047	4 128
Real estate activities	3 751	3 731	3 685	3 632	3 572	3 571
Business services	51 360	51 995	52 274	54 010	55 562	58 255
Management, technical consultancy	25 718	26 185	26 167	26 639	26 175	26 656
Research and development	2 059	2 041	2 121	2 399	2 480	2 568
Advertising, design and other services	3 078	3 131	3 072	3 045	3 075	3 270
Renting and leasing of tangible goods	1 248	1 394	1 386	1 411	1 567	1 503
Employment activities	12 952	12 838	13 024	13 953	15 506	17 202
Travel agencies, tour operators etc.	829	759	742	781	803	901
Other business services	5 476	5 647	5 762	5 782	5 956	6 155
Government and care	94 469	96 321	97 512	98 044	98 339	100 779
Public administration and defence; compulsory social security	29 944	30 349	30 581	30 461	30 555	31 201
Education	23 020	23 138	23 130	23 466	23 895	24 686
Human health activities	20 468	21 285	21 972	22 421	22 528	23 108
Social work activities	21 037	21 549	21 829	21 696	21 361	21 784
Culture, recreation, other services	8 616	8 560	8 437	8 551	8 466	8 704
Arts, entertainment and recreation	3 647	3 652	3 592	3 661	3 604	3 699
Other service activities	4 524	4 422	4 363	4 406	4 333	4 458
Households with domestic personnel	445	486	482	484	529	547
Compensation of employees	318 040	322 825	324 595	327 963	330 060	339 804

P 6 Wages and salaries by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	2 149	2 178	2 225	2 216	2 225	2 308
Mining and quarrying	670	677	742	805	858	819
Manufacturing	30 011	30 187	30 602	30 681	31 289	32 063
Manufacture of food, beverages and tobacco	4 466	4 546	4 728	4 792	4 836	5 026
Manufacture of textile-, leatherproducts	489	492	503	497	499	499
Manufacture of paper-, wood products, printing	2 195	2 119	2 058	1 958	1 900	1 947
Manufacture of coke and petroleum	408	419	427	428	450	448
Manufacture of chemicals	2 651	2 675	2 829	2 769	2 875	2 894
Manufacture of pharmaceuticals	831	706	723	697	739	737
Manufacture of plastic and building material	2 152	2 196	2 178	2 129	2 161	2 236
Manufacture of basic metals and -products	4 136	4 139	4 122	4 143	4 272	4 415
Manufacture of electronic products	1 503	1 491	1 592	1 647	1 665	1 602
Manufacture of electrical equipment	953	976	969	989	975	1 105
Manufacture of machinery n.e.c.	3 530	3 670	3 827	3 982	4 086	4 197
Manufacture of transport equipment	1 581	1 587	1 599	1 649	1 735	1 793
Other manufacturing and repair	5 116	5 171	5 047	5 001	5 096	5 164
Electricity and gas supply	1 348	1 353	1 434	1 440	1 462	1 475
Water supply and waste management	1 388	1 361	1 381	1 391	1 404	1 436
Construction	14 813	14 568	13 570	12 813	12 622	13 018
Construction buildings, development	4 508	4 230	3 771	3 445	3 387	3 648
Civil engineering	2 700	2 774	2 740	2 676	2 566	2 623
Specialised construction activities	7 605	7 564	7 059	6 692	6 669	6 747
Trade, transport, hotels, catering	50 738	51 283	51 324	51 362	52 994	54 764
Sale and repair of motor vehicles	3 841	3 880	3 758	3 623	3 586	3 719
Wholesale trade (no motor vehicles)	19 105	19 552	19 657	19 682	20 568	21 339
Retail trade (not in motor vehicles)	10 591	10 597	10 511	10 610	10 781	10 967
Land transport	6 055	5 982	5 865	5 808	5 968	6 197
Water transport	691	718	760	749	745	738
Air transport	1 441	1 396	1 440	1 393	1 486	1 494
Warehousing and support activities for transportation	3 399	3 512	3 688	3 784	3 944	4 132
Postal and courier activities	1 342	1 303	1 236	1 147	1 097	1 084
Accommodation and food service activities	4 273	4 343	4 409	4 566	4 819	5 094
Information and communication	11 607	11 744	11 660	11 838	12 424	13 072
Publishing, audiovisual and broadcasting activities	2 194	2 170	2 100	2 032	2 037	2 087
Telecommunications	1 698	1 685	1 667	1 721	1 754	1 837
IT- and information services	7 715	7 889	7 893	8 085	8 633	9 148
Financial and insurance activities	15 238	15 258	15 586	15 041	14 829	14 683
Financial activities, no insurance and pension funding	8 908	8 876	9 117	8 622	8 202	8 120
Insurance and pension funding	3 673	3 699	3 740	3 665	3 602	3 526
Other financial services	2 657	2 683	2 729	2 754	3 025	3 037
Real estate activities	2 849	2 819	2 802	2 730	2 736	2 768
Business services	41 357	41 509	41 861	42 733	44 899	47 023
Management, technical consultancy	20 383	20 565	20 684	20 861	21 077	21 604
Research and development	1 713	1 660	1 734	1 767	1 962	2 023
Advertising, design and other services	2 539	2 557	2 512	2 468	2 528	2 693
Renting and leasing of tangible goods	981	1 087	1 080	1 088	1 255	1 188
Employment activities	10 669	10 544	10 690	11 378	12 711	13 921
Travel agencies, tour operators etc.	712	635	619	648	669	749
Other business services	4 360	4 461	4 542	4 523	4 697	4 845
Government and care	72 566	73 360	74 059	74 012	75 033	77 257
Public administration and defence; compulsory social security	22 265	22 298	22 323	22 196	22 449	23 096
Education	17 688	17 540	17 452	17 614	18 138	18 853
Human health activities	16 186	16 735	17 308	17 496	17 833	18 331
Social work activities	16 427	16 787	16 976	16 706	16 613	16 977
Culture, recreation, other services	6 981	6 896	6 788	6 818	6 844	7 031
Arts, entertainment and recreation	2 939	2 923	2 869	2 898	2 894	2 970
Other service activities	3 620	3 512	3 461	3 459	3 446	3 539
Households with domestic personnel	422	461	458	461	504	522
Wages and salaries	251 715	253 193	254 034	253 880	259 619	267 717

P 7 Employers' social contributions by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	528	561	567	583	564	595
Mining and quarrying	242	287	310	357	301	255
Manufacturing	7 760	8 098	7 953	8 964	8 204	8 415
Manufacture of food, beverages and tobacco	1 070	1 192	1 171	1 245	1 222	1 289
Manufacture of textile-, leatherproducts	137	142	143	145	134	135
Manufacture of paper-, wood products, printing	555	577	526	519	478	486
Manufacture of coke and petroleum	310	197	80	256	191	166
Manufacture of chemicals	647	695	640	762	639	647
Manufacture of pharmaceuticals	187	178	169	171	167	187
Manufacture of plastic and building material	556	613	637	622	605	622
Manufacture of basic metals and -products	1 034	1 086	1 064	1 165	1 139	1 186
Manufacture of electronic products	301	328	319	551	389	378
Manufacture of electrical equipment	197	212	200	469	275	317
Manufacture of machinery n.e.c.	848	927	1 082	1 055	1 023	1 061
Manufacture of transport equipment	392	407	403	442	444	461
Other manufacturing and repair	1 526	1 544	1 519	1 562	1 498	1 480
Electricity and gas supply	331	363	374	360	342	350
Water supply and waste management	391	415	415	414	390	405
Construction	3 973	4 092	3 707	3 839	3 640	3 581
Construction buildings, development	1 262	1 230	1 068	1 072	1 023	1 000
Civil engineering	693	777	719	768	703	682
Specialised construction activities	2 018	2 085	1 920	1 999	1 914	1 899
Trade, transport, hotels, catering	12 068	12 899	13 122	13 401	13 119	13 671
Sale and repair of motor vehicles	911	954	938	995	942	966
Wholesale trade (no motor vehicles)	4 268	4 670	4 694	4 784	4 661	4 888
Retail trade (not in motor vehicles)	2 317	2 493	2 553	2 664	2 635	2 723
Land transport	1 730	1 782	1 737	1 757	1 769	1 862
Water transport	168	178	186	193	183	184
Air transport	468	477	487	484	419	423
Warehousing and support activities for transportation	893	968	1 015	1 056	1 062	1 130
Postal and courier activities	483	476	560	416	401	348
Accommodation and food service activities	830	901	952	1 052	1 047	1 147
Information and communication	2 521	2 769	2 798	2 750	2 874	2 838
Publishing, audiovisual and broadcasting activities	496	524	492	495	485	487
Telecommunications	388	451	417	433	580	440
IT- and information services	1 637	1 794	1 889	1 822	1 809	1 911
Financial and insurance activities	4 068	4 125	4 917	5 471	4 580	4 747
Financial activities, no insurance and pension funding	2 381	2 393	3 034	3 305	2 174	2 209
Insurance and pension funding	1 009	1 035	1 170	1 293	1 384	1 447
Other financial services	678	697	713	873	1 022	1 091
Real estate activities	902	912	883	902	836	803
Business services	10 003	10 486	10 413	11 277	10 663	11 232
Management, technical consultancy	5 335	5 620	5 483	5 778	5 098	5 052
Research and development	346	381	387	632	518	545
Advertising, design and other services	539	574	560	577	547	577
Renting and leasing of tangible goods	267	307	306	323	312	315
Employment activities	2 283	2 294	2 334	2 575	2 795	3 281
Travel agencies, tour operators etc.	117	124	123	133	134	152
Other business services	1 116	1 186	1 220	1 259	1 259	1 310
Government and care	21 903	22 961	23 453	24 032	23 306	23 522
Public administration and defence; compulsory social security	7 679	8 051	8 258	8 265	8 106	8 105
Education	5 332	5 598	5 678	5 852	5 757	5 833
Human health activities	4 282	4 550	4 664	4 925	4 695	4 777
Social work activities	4 610	4 762	4 853	4 990	4 748	4 807
Culture, recreation, other services	1 635	1 664	1 649	1 733	1 622	1 673
Arts, entertainment and recreation	708	729	723	763	710	729
Other service activities	904	910	902	947	887	919
Households with domestic personnel	23	25	24	23	25	25
Employers' social contributions	66 325	69 632	70 561	74 083	70 441	72 087

P 8 Operating surplus / mixed income (gross) by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	7 742	8 214	9 203	8 887	9 006	9 166
Mining and quarrying	17 625	20 345	21 082	15 869	11 706	7 819
Manufacturing	32 149	30 633	28 074	28 224	33 545	36 303
Manufacture of food, beverages and tobacco	6 096	6 866	7 189	7 678	7 972	9 443
Manufacture of textile-, leatherproducts	493	437	439	453	472	514
Manufacture of paper-, wood products, printing	1 623	1 331	1 151	1 245	1 362	1 438
Manufacture of coke and petroleum	245	411	149	- 1 015	734	684
Manufacture of chemicals	5 637	5 329	4 622	4 513	5 865	6 525
Manufacture of pharmaceuticals	1 638	2 040	726	652	917	891
Manufacture of plastic and building material	1 721	1 414	1 398	1 670	1 677	1 851
Manufacture of basic metals and -products	2 988	2 819	2 645	3 151	3 100	3 215
Manufacture of electronic products	2 330	2 115	1 968	1 673	2 309	1 960
Manufacture of electrical equipment	1 147	1 028	996	620	958	1 038
Manufacture of machinery n.e.c.	4 485	3 324	3 289	3 866	3 770	3 826
Manufacture of transport equipment	1 813	1 430	1 603	1 668	2 162	2 532
Other manufacturing and repair	1 933	2 089	1 899	2 050	2 247	2 386
Electricity and gas supply	5 514	5 673	5 320	4 536	4 903	4 923
Water supply and waste management	1 876	1 805	1 803	1 895	1 856	1 903
Construction	11 504	9 165	9 153	10 534	11 892	13 315
Construction buildings, development	4 417	3 571	3 053	3 983	5 280	5 888
Civil engineering	1 577	1 041	1 523	1 447	1 259	1 085
Specialised construction activities	5 510	4 553	4 577	5 104	5 353	6 342
Trade, transport, hotels, catering	50 792	50 544	53 292	56 386	61 991	64 949
Sale and repair of motor vehicles	3 140	2 662	2 717	2 791	3 209	3 398
Wholesale trade (no motor vehicles)	24 133	24 047	26 142	27 178	29 433	31 032
Retail trade (not in motor vehicles)	9 041	8 954	9 066	8 975	9 826	10 638
Land transport	3 495	3 826	3 856	4 270	4 359	4 883
Water transport	1 272	1 191	1 508	1 728	2 001	1 538
Air transport	308	388	519	610	1 427	1 171
Warehousing and support activities for transportation	4 730	4 974	4 972	5 557	6 031	5 723
Postal and courier activities	606	503	428	760	630	688
Accommodation and food service activities	4 067	3 999	4 084	4 517	5 075	5 878
Information and communication	13 925	13 374	13 549	13 988	14 584	14 511
Publishing, audiovisual and broadcasting activities	2 220	2 150	2 135	2 353	2 413	2 507
Telecommunications	7 046	6 583	6 115	5 774	5 301	5 107
IT- and information services	4 659	4 641	5 299	5 861	6 870	6 897
Financial and insurance activities	26 346	29 786	27 818	26 181	26 552	23 296
Financial activities, no insurance and pension funding	20 438	22 507	22 307	20 869	22 241	20 663
Insurance and pension funding	5 526	6 988	5 143	5 004	4 144	2 594
Other financial services	382	291	368	308	167	39
Real estate activities	27 535	23 122	24 630	27 040	28 579	30 375
Business services	28 103	27 746	27 667	30 131	35 177	37 808
Management, technical consultancy	11 916	10 933	10 022	11 480	14 036	15 084
Research and development	1 538	1 483	1 579	1 424	1 399	1 494
Advertising, design and other services	3 122	3 072	3 038	3 017	3 218	3 444
Renting and leasing of tangible goods	4 187	4 313	4 331	4 378	4 752	5 023
Employment activities	2 384	2 495	2 562	2 972	3 770	4 338
Travel agencies, tour operators etc.	1 002	1 648	1 990	2 512	3 067	3 255
Other business services	3 954	3 802	4 145	4 348	4 935	5 170
Government and care	32 291	33 268	33 766	34 082	33 955	34 824
Public administration and defence; compulsory social security	13 237	13 557	13 862	13 997	14 057	14 187
Education	6 753	6 757	6 776	6 880	7 088	7 281
Human health activities	9 448	9 176	9 283	9 152	9 080	9 456
Social work activities	2 853	3 778	3 845	4 053	3 730	3 900
Culture, recreation, other services	6 411	6 626	6 672	7 027	7 754	8 117
Arts, entertainment and recreation	3 862	3 947	3 993	4 291	4 771	4 925
Other service activities	2 549	2 679	2 679	2 736	2 983	3 192
Households with domestic personnel	0	0	0	0	0	0
Subtotal	261 813	260 301	262 029	264 780	281 500	287 309
Difference imputed and paid VAT	1 885	1 420	1 938	1 578	1 622	- 172
Operating surplus / mixed income (gross)	263 698	261 721	263 967	266 358	283 122	287 137

P 9 Operating surplus / mixed income (net) by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	4 059	4 437	5 302	4 920	4 960	5 037
Mining and quarrying	15 916	18 543	19 191	13 884	9 644	5 663
Manufacturing	19 164	17 546	15 052	15 041	20 047	22 567
Manufacture of food, beverages and tobacco	4 151	4 897	5 194	5 642	5 864	.
Manufacture of textile-, leatherproducts	315	263	270	288	308	.
Manufacture of paper-, wood products, printing	707	421	251	360	478	.
Manufacture of coke and petroleum	- 377	- 232	- 507	- 1 678	47	.
Manufacture of chemicals	3 493	3 132	2 385	2 218	3 510	.
Manufacture of pharmaceuticals	839	1 225	74	- 16	203	.
Manufacture of plastic and building material	1 034	726	709	980	988	.
Manufacture of basic metals and -products	1 940	1 770	1 595	2 097	2 025	.
Manufacture of electronic products	1 209	1 029	910	621	1 246	.
Manufacture of electrical equipment	334	227	203	- 169	171	.
Manufacture of machinery n.e.c.	3 260	2 065	1 979	2 506	2 350	.
Manufacture of transport equipment	1 178	798	970	1 032	1 515	.
Other manufacturing and repair	1 081	1 225	1 019	1 160	1 342	.
Electricity and gas supply	3 081	3 089	2 596	1 678	1 933	1 755
Water supply and waste management	762	653	640	717	647	658
Construction	9 270	6 896	6 871	8 246	9 570	10 940
Construction buildings, development	3 651	2 809	2 296	3 229	4 519	.
Civil engineering	1 098	548	1 021	938	743	.
Specialised construction activities	4 521	3 539	3 554	4 079	4 308	.
Trade, transport, hotels, catering	36 666	36 190	38 632	41 676	46 942	49 400
Sale and repair of motor vehicles	2 248	1 784	1 862	1 946	2 358	.
Wholesale trade (no motor vehicles)	20 133	20 014	21 855	22 866	25 039	.
Retail trade (not in motor vehicles)	6 481	6 433	6 597	6 559	7 444	.
Land transport	1 897	2 173	2 152	2 547	2 578	.
Water transport	523	431	732	939	1 205	.
Air transport	- 517	- 455	- 298	- 198	491	.
Warehousing and support activities for transportation	2 279	2 352	2 253	2 760	3 139	.
Postal and courier activities	416	320	249	586	460	.
Accommodation and food service activities	3 206	3 138	3 230	3 671	4 228	.
Information and communication	9 166	8 579	8 754	9 189	9 617	9 388
Publishing, audiovisual and broadcasting activities	1 686	1 606	1 583	1 794	1 829	.
Telecommunications	4 125	3 679	3 261	2 947	2 487	.
IT- and information services	3 355	3 294	3 910	4 448	5 301	.
Financial and insurance activities	22 269	25 739	23 732	22 082	22 419	19 134
Financial activities, no insurance and pension funding	18 344	20 372	20 111	18 643	19 982	.
Insurance and pension funding	3 886	5 423	3 605	3 489	2 634	.
Other financial services	39	- 56	16	- 50	- 197	.
Real estate activities	2 204	- 1 522	- 8	2 555	4 274	5 542
Business services	18 921	18 423	18 166	20 556	25 342	27 678
Management, technical consultancy	9 109	8 052	7 030	8 402	10 892	.
Research and development	- 153	- 240	- 168	- 340	- 381	.
Advertising, design and other services	2 476	2 413	2 369	2 346	2 535	.
Renting and leasing of tangible goods	1 179	1 306	1 310	1 401	1 633	.
Employment activities	2 036	2 138	2 202	2 610	3 400	.
Travel agencies, tour operators etc.	867	1 510	1 846	2 360	2 903	.
Other business services	3 407	3 244	3 577	3 777	4 360	.
Government and care	8 676	9 049	8 938	8 920	8 548	9 058
Public administration and defence; compulsory social security	0	0	0	0	0	.
Education	1 023	968	919	959	1 095	.
Human health activities	6 991	6 584	6 552	6 330	6 173	.
Social work activities	662	1 497	1 467	1 631	1 280	.
Culture, recreation, other services	4 591	4 782	4 801	5 122	5 802	6 100
Arts, entertainment and recreation	2 868	2 933	2 953	3 216	3 651	.
Other service activities	1 723	1 849	1 848	1 906	2 151	.
Households with domestic personnel	0	0	0	0	0	.
Subtotal	154 745	152 404	152 667	154 586	169 745	172 920
Difference imputed and paid VAT	1 885	1 420	1 938	1 578	1 622	- 172
Operating surplus / mixed income (net)	156 630	153 824	154 605	156 164	171 367	172 748

P 10 Consumption of fixed capital by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	3 683	3 777	3 901	3 967	4 046	4 129
Mining and quarrying	1 709	1 802	1 891	1 985	2 062	2 156
Manufacturing	12 985	13 087	13 022	13 183	13 498	13 736
Manufacture of food, beverages and tobacco	1 945	1 969	1 995	2 036	2 108	.
Manufacture of textile-, leatherproducts	178	174	169	165	164	.
Manufacture of paper-, wood products, printing	916	910	900	885	884	.
Manufacture of coke and petroleum	622	643	656	663	687	.
Manufacture of chemicals	2 144	2 197	2 237	2 295	2 355	.
Manufacture of pharmaceuticals	799	815	652	668	714	.
Manufacture of plastic and building material	687	688	689	690	689	.
Manufacture of basic metals and -products	1 048	1 049	1 050	1 054	1 075	.
Manufacture of electronic products	1 121	1 086	1 058	1 052	1 063	.
Manufacture of electrical equipment	813	801	793	789	787	.
Manufacture of machinery n.e.c.	1 225	1 259	1 310	1 360	1 420	.
Manufacture of transport equipment	635	632	633	636	647	.
Other manufacturing and repair	852	864	880	890	905	.
Electricity and gas supply	2 433	2 584	2 724	2 858	2 970	3 168
Water supply and waste management	1 114	1 152	1 163	1 178	1 209	1 245
Construction	2 234	2 269	2 282	2 288	2 322	2 375
Construction buildings, development	766	762	757	754	761	.
Civil engineering	479	493	502	509	516	.
Specialised construction activities	989	1 014	1 023	1 025	1 045	.
Trade, transport, hotels, catering	14 126	14 354	14 660	14 710	15 049	15 549
Sale and repair of motor vehicles	892	878	855	845	851	.
Wholesale trade (no motor vehicles)	4 000	4 033	4 287	4 312	4 394	.
Retail trade (not in motor vehicles)	2 560	2 521	2 469	2 416	2 382	.
Land transport	1 598	1 653	1 704	1 723	1 781	.
Water transport	749	760	776	789	796	.
Air transport	825	843	817	808	936	.
Warehousing and support activities for transportation	2 451	2 622	2 719	2 797	2 892	.
Postal and courier activities	190	183	179	174	170	.
Accommodation and food service activities	861	861	854	846	847	.
Information and communication	4 759	4 795	4 795	4 799	4 967	5 123
Publishing, audiovisual and broadcasting activities	534	544	552	559	584	.
Telecommunications	2 921	2 904	2 854	2 827	2 814	.
IT- and information services	1 304	1 347	1 389	1 413	1 569	.
Financial and insurance activities	4 077	4 047	4 086	4 099	4 133	4 162
Financial activities, no insurance and pension funding	2 094	2 135	2 196	2 226	2 259	.
Insurance and pension funding	1 640	1 565	1 538	1 515	1 510	.
Other financial services	343	347	352	358	364	.
Real estate activities	25 331	24 644	24 638	24 485	24 305	24 833
Business services	9 182	9 323	9 501	9 575	9 835	10 130
Management, technical consultancy	2 807	2 881	2 992	3 078	3 144	.
Research and development	1 691	1 723	1 747	1 764	1 780	.
Advertising, design and other services	646	659	669	671	683	.
Renting and leasing of tangible goods	3 008	3 007	3 021	2 977	3 119	.
Employment activities	348	357	360	362	370	.
Travel agencies, tour operators etc.	135	138	144	152	164	.
Other business services	547	558	568	571	575	.
Government and care	23 615	24 219	24 828	25 162	25 407	25 766
Public administration and defence; compulsory social security	13 237	13 557	13 862	13 997	14 057	.
Education	5 730	5 789	5 857	5 921	5 993	.
Human health activities	2 457	2 592	2 731	2 822	2 907	.
Social work activities	2 191	2 281	2 378	2 422	2 450	.
Culture, recreation, other services	1 820	1 844	1 871	1 905	1 952	2 017
Arts, entertainment and recreation	994	1 014	1 040	1 075	1 120	.
Other service activities	826	830	831	830	832	.
Households with domestic personnel	0	0	0	0	0	.
Consumption of fixed capital	107 068	107 897	109 362	110 194	111 755	114 389

P 11.1 Value added (gross, basic prices) by industry

	2011	2012	2013	2014	2015	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	9 697	10 225	11 198	10 996	11 102	11 543
Mining and quarrying	18 559	21 327	22 161	17 072	12 885	8 909
Manufacturing	69 979	69 074	66 676	68 004	73 110	76 648
Manufacture of food, beverages and tobacco	11 843	12 819	13 188	13 842	14 136	15 861
Manufacture of textile-, leatherproducts	1 125	1 077	1 092	1 104	1 112	1 154
Manufacture of paper-, wood products, printing	4 378	4 037	3 746	3 741	3 762	3 890
Manufacture of coke and petroleum	982	1 044	672	– 299	1 409	1 334
Manufacture of chemicals	8 963	8 734	8 120	8 082	9 407	10 077
Manufacture of pharmaceuticals	2 670	2 939	1 627	1 526	1 826	1 798
Manufacture of plastic and building material	4 432	4 230	4 222	4 436	4 458	4 719
Manufacture of basic metals and -products	8 146	8 036	7 829	8 467	8 518	8 817
Manufacture of electronic products	4 087	3 899	3 846	3 846	4 319	3 854
Manufacture of electrical equipment	2 279	2 202	2 155	2 069	2 197	2 432
Manufacture of machinery n.e.c.	8 804	7 894	8 155	8 855	8 821	8 946
Manufacture of transport equipment	3 765	3 410	3 597	3 742	4 325	4 760
Other manufacturing and repair	8 505	8 753	8 427	8 593	8 820	9 006
Electricity and gas supply	7 277	7 458	7 206	6 479	6 860	6 906
Water supply and waste management	3 666	3 597	3 615	3 722	3 660	3 751
Construction	30 295	27 826	26 456	27 223	28 201	29 965
Construction buildings, development	10 214	9 058	7 923	8 531	9 719	10 568
Civil engineering	4 961	4 583	4 978	4 887	4 523	4 387
Specialised construction activities	15 120	14 185	13 555	13 805	13 959	15 010
Trade, transport, hotels, catering	113 924	115 141	118 253	121 772	128 679	133 940
Sale and repair of motor vehicles	7 922	7 529	7 456	7 469	7 796	8 145
Wholesale trade (no motor vehicles)	47 608	48 368	50 589	51 729	54 677	57 269
Retail trade (not in motor vehicles)	21 899	22 054	22 186	22 346	23 348	24 430
Land transport	11 330	11 648	11 544	11 939	12 212	13 057
Water transport	2 076	2 031	2 397	2 605	2 866	2 400
Air transport	2 261	2 311	2 498	2 548	3 374	3 132
Warehousing and support activities for transportation	9 090	9 519	9 747	10 472	11 102	11 050
Postal and courier activities	2 424	2 275	2 222	2 322	2 128	2 119
Accommodation and food service activities	9 314	9 406	9 614	10 342	11 176	12 338
Information and communication	27 889	27 751	27 920	28 473	29 736	30 253
Publishing, audiovisual and broadcasting activities	4 908	4 844	4 740	4 891	4 951	5 097
Telecommunications	9 128	8 710	8 207	7 953	7 642	7 393
IT- and information services	13 853	14 197	14 973	15 629	17 143	17 763
Financial and insurance activities	45 918	49 908	49 142	48 526	47 145	44 375
Financial activities, no insurance and pension funding	31 821	34 394	35 114	34 451	33 663	32 504
Insurance and pension funding	10 369	11 831	10 189	10 106	9 249	7 686
Other financial services	3 728	3 683	3 839	3 969	4 233	4 185
Real estate activities	33 405	29 050	31 173	34 716	35 935	37 880
Business services	78 267	78 699	79 131	83 331	89 890	95 131
Management, technical consultancy	37 548	37 047	36 270	38 192	40 144	41 640
Research and development	2 399	2 379	2 628	2 681	2 811	2 950
Advertising, design and other services	6 147	6 172	6 084	6 046	6 281	6 699
Renting and leasing of tangible goods	5 852	6 138	6 131	6 246	6 772	6 988
Employment activities	15 167	15 183	15 447	16 778	19 164	21 418
Travel agencies, tour operators etc.	1 823	2 398	2 729	3 289	3 857	4 143
Other business services	9 331	9 382	9 842	10 099	10 861	11 293
Government and care	125 690	128 584	130 442	131 453	131 508	134 851
Public administration and defence; compulsory social security	43 433	44 155	44 848	44 905	44 994	45 778
Education	29 849	29 971	30 076	30 550	31 203	32 188
Human health activities	28 451	29 089	29 745	30 079	30 156	31 129
Social work activities	23 957	25 369	25 773	25 919	25 155	25 756
Culture, recreation, other services	15 024	15 192	15 162	15 647	16 275	16 880
Arts, entertainment and recreation	7 546	7 633	7 644	8 010	8 418	8 670
Other service activities	7 033	7 073	7 036	7 153	7 328	7 663
Households with domestic personnel	445	486	482	484	529	547
Value added (gross, basic prices)	579 590	583 832	588 535	597 414	614 986	631 032

P 11.2 Value added (gross, basic prices) by industry, volume changes

	2011	2012	2013	2014	2015	2016*
	%					
Industries						
Agriculture, forestry and fishing	-1.4	-1.2	0.5	4.3	1.5	1.9
Mining and quarrying	-8.3	-0.1	7.5	-12.7	-15.3	-11.2
Manufacturing	3.6	-1.4	-1.2	1.8	1.2	3.0
Manufacture of food, beverages and tobacco	0.2	4.5	3.1	3.2	5.0	4.7
Manufacture of textile-, leatherproducts	11.6	-8.6	0.4	-1.7	1.4	0.2
Manufacture of paper-, wood products, printing	-0.5	-6.0	-4.4	-0.8	-1.8	2.2
Manufacture of coke and petroleum	38.8	-3.5	4.5	-1.8	3.3	-5.7
Manufacture of chemicals	-1.2	3.5	-9.0	-5.9	-2.9	5.0
Manufacture of pharmaceuticals	-4.1	14.5	-0.1	-5.3	12.1	-2.8
Manufacture of plastic and building material	5.4	-7.4	-0.0	3.6	-1.4	2.8
Manufacture of basic metals and -products	4.1	-4.5	-4.0	4.1	-1.0	2.4
Manufacture of electronic products	7.9	5.0	9.6	8.1	-8.8	5.3
Manufacture of electrical equipment	10.7	-5.3	-4.2	-2.5	2.9	12.0
Manufacture of machinery n.e.c.	12.1	-10.8	0.9	6.5	1.9	-0.9
Manufacture of transport equipment	2.8	-9.2	2.5	3.4	15.3	8.6
Other manufacturing and repair	0.9	0.7	-5.2	-0.0	-0.9	0.1
Electricity and gas supply	-0.4	-1.7	2.0	0.2	2.9	2.9
Water supply and waste management	0.8	-1.2	4.0	5.1	1.4	3.7
Construction	0.9	-8.1	-5.2	4.4	8.3	7.7
Construction buildings, development	2.7	-8.9	-12.3	11.4	20.9	11.0
Civil engineering	-4.5	-12.6	7.2	-2.8	-4.2	-2.0
Specialised construction activities	1.5	-6.2	-4.7	2.9	5.0	8.5
Trade, transport, hotels, catering	4.3	-0.3	0.4	2.9	2.6	2.5
Sale and repair of motor vehicles	3.3	-7.8	-7.1	-1.0	9.5	1.2
Wholesale trade (no motor vehicles)	6.5	0.7	3.9	3.7	2.3	3.3
Retail trade (not in motor vehicles)	1.5	-0.9	-3.2	2.7	4.7	2.1
Land transport	3.9	1.2	-2.8	0.1	-0.8	3.2
Water transport	-1.2	0.6	10.1	7.9	-3.6	-0.0
Air transport	9.7	2.2	2.8	6.9	-0.2	4.4
Warehousing and support activities for transportation	5.6	3.7	1.1	4.8	3.8	-1.3
Postal and courier activities	-8.2	-11.5	-12.0	-5.8	-16.6	-5.7
Accommodation and food service activities	3.4	-1.6	0.2	3.0	3.7	5.2
Information and communication	1.6	0.7	2.0	3.5	5.1	2.0
Publishing, audiovisual and broadcasting activities	-4.0	-3.6	-4.6	1.4	-0.3	1.1
Telecommunications	-3.7	-4.1	-2.8	2.1	0.9	1.1
IT- and information services	7.3	5.3	7.2	5.0	9.0	2.6
Financial and insurance activities	-1.2	-3.1	-2.3	-2.7	-0.5	-0.5
Financial activities, no insurance and pension funding	-1.8	-3.9	-4.4	-2.8	-0.7	0.2
Insurance and pension funding	1.8	-2.2	-0.1	-5.5	-1.6	-1.1
Other financial services	-2.5	1.7	9.6	5.7	4.7	-5.1
Real estate activities	1.4	2.4	5.0	4.9	2.5	2.3
Business services	3.2	0.7	-0.3	4.8	6.9	4.5
Management, technical consultancy	3.2	-0.3	-2.3	5.8	4.8	2.6
Research and development	-5.1	-0.5	9.5	0.2	2.7	3.0
Advertising, design and other services	4.9	2.3	-0.0	-3.0	0.6	5.0
Renting and leasing of tangible goods	-5.1	5.7	-0.9	0.7	7.1	3.2
Employment activities	8.1	-0.7	-0.4	8.3	12.9	9.3
Travel agencies, tour operators etc.	8.5	22.3	7.2	18.0	17.6	8.8
Other business services	1.9	-1.0	3.2	1.1	6.0	2.5
Government and care	2.1	-0.3	0.3	0.2	-0.3	0.8
Public administration and defence; compulsory social security	-0.8	-0.1	1.0	-0.4	-0.6	0.4
Education	1.9	-0.1	0.1	0.6	0.5	-0.3
Human health activities	5.3	-0.4	-0.9	0.5	0.3	1.4
Social work activities	3.7	-0.6	0.8	0.4	-1.2	2.1
Culture, recreation, other services	1.1	-0.8	-1.9	-0.1	1.9	1.2
Arts, entertainment and recreation	1.8	-1.4	-2.0	0.9	1.5	1.0
Other service activities	0.2	-0.6	-1.8	-1.2	1.9	1.4
Households with domestic personnel	3.8	7.6	-1.2	-0.4	7.4	2.5
Value added (gross, basic prices)	2.0	-0.8	0.1	1.5	2.0	2.1

P 11.3 Value added (gross, basic prices) by industry, price changes

	2011	2012	2013	2014	2015	2016*
	%					
Industries						
Agriculture, forestry and fishing	-9.2	6.8	9.0	-5.9	-0.6	2.0
Mining and quarrying	17.1	15.1	-3.3	-11.7	-10.9	-22.1
Manufacturing	0.8	0.1	-2.3	0.2	6.2	1.8
Manufacture of food, beverages and tobacco	2.7	3.6	-0.2	1.7	-2.8	7.2
Manufacture of textile-, leatherproducts	-2.4	4.8	1.0	2.9	-0.6	3.6
Manufacture of paper-, wood products, printing	-0.4	-1.9	-3.0	0.7	2.4	1.1
Manufacture of coke and petroleum	5.6	10.1	-38.4	-145.3	-556.0	0.5
Manufacture of chemicals	9.4	-5.8	2.1	5.7	19.9	2.0
Manufacture of pharmaceuticals	0.9	-3.9	-44.6	-0.9	6.7	1.4
Manufacture of plastic and building material	-0.6	3.1	-0.2	1.4	1.9	3.0
Manufacture of basic metals and -products	-0.4	3.3	1.5	3.9	1.6	1.1
Manufacture of electronic products	-14.9	-9.2	-10.0	-7.5	23.2	-15.3
Manufacture of electrical equipment	2.9	2.0	2.1	-1.6	3.2	-1.1
Manufacture of machinery n.e.c.	0.2	0.5	2.4	2.0	-2.3	2.3
Manufacture of transport equipment	-1.6	-0.2	2.9	0.6	0.3	1.3
Other manufacturing and repair	2.2	2.2	1.5	2.0	3.5	2.0
Electricity and gas supply	0.0	4.3	-5.3	-10.3	2.9	-2.2
Water supply and waste management	2.7	-0.7	-3.4	-2.0	-3.0	-1.2
Construction	-1.7	-0.0	0.3	-1.4	-4.3	-1.3
Construction buildings, development	-4.4	-2.7	-0.3	-3.4	-5.7	-2.0
Civil engineering	5.6	5.7	1.3	1.0	-3.4	-1.0
Specialised construction activities	-2.0	0.0	0.3	-1.0	-3.7	-0.9
Trade, transport, hotels, catering	-1.1	1.4	2.3	0.1	3.0	1.5
Sale and repair of motor vehicles	0.4	3.1	6.6	1.2	-4.7	3.2
Wholesale trade (no motor vehicles)	-2.0	0.9	0.7	-1.4	3.3	1.4
Retail trade (not in motor vehicles)	0.8	1.7	3.9	-1.9	-0.2	2.5
Land transport	-0.5	1.6	1.9	3.3	3.1	3.6
Water transport	-4.7	-2.8	7.2	0.7	14.2	-16.2
Air transport	-27.4	0.0	5.1	-4.6	32.6	-11.1
Warehousing and support activities for transportation	1.9	1.0	1.2	2.5	2.1	0.8
Postal and courier activities	4.0	6.1	11.0	10.9	9.9	5.6
Accommodation and food service activities	2.2	2.6	2.0	4.4	4.2	4.9
Information and communication	-1.4	-1.2	-1.3	-1.5	-0.7	-0.2
Publishing, audiovisual and broadcasting activities	0.6	2.4	2.6	1.8	1.5	1.8
Telecommunications	3.5	-0.5	-3.1	-5.1	-4.7	-4.3
IT- and information services	-5.0	-2.7	-1.6	-0.6	0.6	1.0
Financial and insurance activities	-2.6	12.1	0.8	1.5	-2.4	-5.4
Financial activities, no insurance and pension funding	-5.2	12.5	6.8	1.0	-1.6	-3.7
Insurance and pension funding	8.0	16.7	-13.8	5.0	-7.0	-15.9
Other financial services	-6.6	-2.9	-4.9	-2.1	1.8	4.2
Real estate activities	4.2	-15.0	2.2	6.2	1.0	3.1
Business services	0.8	-0.2	0.9	0.4	0.9	1.3
Management, technical consultancy	0.6	-1.1	0.2	-0.4	0.3	1.1
Research and development	0.1	-0.3	0.8	1.9	2.1	1.9
Advertising, design and other services	-1.5	-1.8	-1.4	2.4	3.2	1.6
Renting and leasing of tangible goods	0.3	-0.8	0.8	1.2	1.2	0.0
Employment activities	1.7	0.8	2.2	0.3	1.2	2.2
Travel agencies, tour operators etc.	3.4	7.6	6.2	2.1	-0.3	-1.2
Other business services	1.2	1.6	1.7	1.5	1.4	1.5
Government and care	-0.5	2.6	1.1	0.6	0.3	1.7
Public administration and defence; compulsory social security	0.8	1.7	0.6	0.5	0.8	1.4
Education	-0.9	0.5	0.3	1.0	1.6	3.4
Human health activities	-3.0	2.7	3.1	0.7	-0.0	1.8
Social work activities	0.7	6.5	0.7	0.2	-1.7	0.3
Culture, recreation, other services	1.6	1.9	1.7	3.3	2.1	2.5
Arts, entertainment and recreation	1.0	2.6	2.1	3.9	3.5	2.0
Other service activities	2.3	1.2	1.3	2.9	0.5	3.1
Households with domestic personnel	0.9	1.5	0.4	0.8	1.7	0.9
Value added (gross, basic prices)	0.1	1.5	0.7	0.0	0.9	0.5

P 11.4 Value added (gross, basic prices) by industry, % GDP

	2011	2012	2013	2014	2015	2016*
% GDP						
Industries						
Agriculture, forestry and fishing	1.5	1.6	1.7	1.7	1.6	1.6
Mining and quarrying	2.9	3.3	3.4	2.6	1.9	1.3
Manufacturing	10.9	10.7	10.2	10.3	10.7	10.9
Manufacture of food, beverages and tobacco	1.8	2.0	2.0	2.1	2.1	2.3
Manufacture of textile-, leatherproducts	0.2	0.2	0.2	0.2	0.2	0.2
Manufacture of paper-, wood products, printing	0.7	0.6	0.6	0.6	0.6	0.6
Manufacture of coke and petroleum	0.2	0.2	0.1	-0.0	0.2	0.2
Manufacture of chemicals	1.4	1.4	1.2	1.2	1.4	1.4
Manufacture of pharmaceuticals	0.4	0.5	0.2	0.2	0.3	0.3
Manufacture of plastic and building material	0.7	0.7	0.6	0.7	0.7	0.7
Manufacture of basic metals and -products	1.3	1.2	1.2	1.3	1.2	1.3
Manufacture of electronic products	0.6	0.6	0.6	0.6	0.6	0.5
Manufacture of electrical equipment	0.4	0.3	0.3	0.3	0.3	0.3
Manufacture of machinery n.e.c.	1.4	1.2	1.2	1.3	1.3	1.3
Manufacture of transport equipment	0.6	0.5	0.6	0.6	0.6	0.7
Other manufacturing and repair	1.3	1.4	1.3	1.3	1.3	1.3
Electricity and gas supply	1.1	1.2	1.1	1.0	1.0	1.0
Water supply and waste management	0.6	0.6	0.6	0.6	0.5	0.5
Construction	4.7	4.3	4.1	4.1	4.1	4.3
Construction buildings, development	1.6	1.4	1.2	1.3	1.4	1.5
Civil engineering	0.8	0.7	0.8	0.7	0.7	0.6
Specialised construction activities	2.4	2.2	2.1	2.1	2.0	2.1
Trade, transport, hotels, catering	17.7	17.8	18.1	18.4	18.8	19.1
Sale and repair of motor vehicles	1.2	1.2	1.1	1.1	1.1	1.2
Wholesale trade (no motor vehicles)	7.4	7.5	7.8	7.8	8.0	8.2
Retail trade (not in motor vehicles)	3.4	3.4	3.4	3.4	3.4	3.5
Land transport	1.8	1.8	1.8	1.8	1.8	1.9
Water transport	0.3	0.3	0.4	0.4	0.4	0.3
Air transport	0.4	0.4	0.4	0.4	0.5	0.4
Warehousing and support activities for transportation	1.4	1.5	1.5	1.6	1.6	1.6
Postal and courier activities	0.4	0.4	0.3	0.4	0.3	0.3
Accommodation and food service activities	1.4	1.5	1.5	1.6	1.6	1.8
Information and communication	4.3	4.3	4.3	4.3	4.4	4.3
Publishing, audiovisual and broadcasting activities	0.8	0.8	0.7	0.7	0.7	0.7
Telecommunications	1.4	1.4	1.3	1.2	1.1	1.1
IT- and information services	2.2	2.2	2.3	2.4	2.5	2.5
Financial and insurance activities	7.1	7.7	7.5	7.3	6.9	6.3
Financial activities, no insurance and pension funding	4.9	5.3	5.4	5.2	4.9	4.6
Insurance and pension funding	1.6	1.8	1.6	1.5	1.4	1.1
Other financial services	0.6	0.6	0.6	0.6	0.6	0.6
Real estate activities	5.2	4.5	4.8	5.2	5.3	5.4
Business services	12.2	12.2	12.1	12.6	13.2	13.5
Management, technical consultancy	5.8	5.7	5.6	5.8	5.9	5.9
Research and development	0.4	0.4	0.4	0.4	0.4	0.4
Advertising, design and other services	1.0	1.0	0.9	0.9	0.9	1.0
Renting and leasing of tangible goods	0.9	1.0	0.9	0.9	1.0	1.0
Employment activities	2.4	2.4	2.4	2.5	2.8	3.0
Travel agencies, tour operators etc.	0.3	0.4	0.4	0.5	0.6	0.6
Other business services	1.5	1.5	1.5	1.5	1.6	1.6
Government and care	19.5	19.9	20.0	19.8	19.2	19.2
Public administration and defence; compulsory social security	6.8	6.8	6.9	6.8	6.6	6.5
Education	4.6	4.6	4.6	4.6	4.6	4.6
Human health activities	4.4	4.5	4.6	4.5	4.4	4.4
Social work activities	3.7	3.9	3.9	3.9	3.7	3.7
Culture, recreation, other services	2.3	2.4	2.3	2.4	2.4	2.4
Arts, entertainment and recreation	1.2	1.2	1.2	1.2	1.2	1.2
Other service activities	1.1	1.1	1.1	1.1	1.1	1.1
Households with domestic personnel	0.1	0.1	0.1	0.1	0.1	0.1
Value added (gross, basic prices)	90.1	90.5	90.2	90.1	90.0	89.8
Taxes less subsidies on products	9.6	9.3	9.5	9.7	9.8	10.2
Difference imputed and paid VAT	0.3	0.2	0.3	0.2	0.2	-0.0
Domestic product (gross, market prices)	100.0	100.0	100.0	100.0	100.0	100.0

P 12 Dual classification of compensation of employees by industry and sector, 2016*

	Total economy	Non-financial corporations	Financial corporations	General government	Households incl. NPI's serving households
	mln euro				
Industries					
Agriculture, forestry and fishing	2 903	1 662	0	56	1 185
Mining and quarrying	1 074	1 073	0	0	1
Manufacturing	40 478	37 169	0	2 651	658
Manufacture of food, beverages and tobacco	6 315	6 041	0	0	274
Manufacture of textile-, leatherproducts	634	614	0	0	20
Manufacture of paper-, wood products, printing	2 433	2 380	0	0	53
Manufacture of coke and petroleum	614	614	0	0	0
Manufacture of chemicals and pharmaceuticals	4 465	4 464	0	0	1
Manufacture of plastic and building material	2 858	2 838	0	0	20
Manufacture of basic metals and -products	5 601	5 504	0	0	97
Manufacture of electronic products	1 980	1 978	0	0	2
Manufacture of electrical equipment	1 422	1 417	0	0	5
Manufacture of machinery n.e.c.	5 258	5 243	0	0	15
Manufacture of transport equipment	2 254	2 237	0	0	17
Other manufacturing and repair	6 644	3 839	0	2 651	154
Electricity and gas supply	1 825	1 812	0	0	13
Water supply and waste management	1 841	1 803	0	32	6
Construction	16 599	15 817	0	0	782
Wholesale and retail trade; repair of motor vehicles	44 602	41 954	0	0	2 648
Transportation and storage	17 592	16 792	0	285	515
Accommodation and food service activities	6 241	4 005	0	0	2 236
Information and communication	15 910	15 538	0	0	372
Financial and insurance activities	19 430	0	19 289	42	99
Real estate activities	3 571	3 299	0	0	272
Professional, scientific and technical activities	32 494	31 086	4	477	927
Administrative and support service activities	25 761	24 750	0	67	944
Public administration and defence; compulsory social security	31 201	0	0	31 201	0
Education	24 686	1 097	0	23 469	120
Human health and social work activities	44 892	40 738	0	2 049	2 105
Arts, entertainment and recreation	3 699	2 517	0	512	670
Other service activities	5 005	1 700	0	133	3 172
Compensation of employees	339 804	242 812	19 293	60 974	16 725

P 13 Dual classification of value added (gross, basic prices) by industry and sector, 2016*

	Total economy	Non-financial corporations	Financial corporations	General government	Households incl. NPI's serving households
	mln euro				
Industries					
Agriculture, forestry and fishing	11 543	3 752	0	64	7 727
Mining and quarrying	8 909	8 890	0	0	19
Manufacturing	76 648	70 371	0	2 771	3 506
Manufacture of food, beverages and tobacco	15 861	14 309	0	0	1 552
Manufacture of textile-, leatherproducts	1 154	1 062	0	0	92
Manufacture of paper-, wood products, printing	3 890	3 687	0	0	203
Manufacture of coke and petroleum	1 334	1 334	0	0	0
Manufacture of chemicals and pharmaceuticals	11 875	11 716	0	0	159
Manufacture of plastic and building material	4 719	4 645	0	0	74
Manufacture of basic metals and -products	8 817	8 345	0	0	472
Manufacture of electronic products	3 854	3 833	0	0	21
Manufacture of electrical equipment	2 432	2 398	0	0	34
Manufacture of machinery n.e.c.	8 946	8 884	0	0	62
Manufacture of transport equipment	4 760	4 693	0	0	67
Other manufacturing and repair	9 006	5 465	0	2 771	770
Electricity and gas supply	6 906	6 774	0	0	132
Water supply and waste management	3 751	3 576	0	130	45
Construction	29 965	22 238	0	0	7 727
Wholesale and retail trade; repair of motor vehicles	89 844	80 209	0	0	9 635
Transportation and storage	31 758	27 894	0	1 609	2 255
Accommodation and food service activities	12 338	7 257	0	0	5 081
Information and communication	30 253	27 879	0	0	2 374
Financial and insurance activities	44 375	0	43 898	56	421
Real estate activities	37 880	25 833	0	0	12 047
Professional, scientific and technical activities	51 289	41 297	12	1 166	8 814
Administrative and support service activities	43 842	38 856	0	69	4 917
Public administration and defence; compulsory social security	45 778	0	0	45 778	0
Education	32 188	1 278	0	29 514	1 396
Human health and social work activities	56 885	43 791	0	2 213	10 881
Arts, entertainment and recreation	8 670	5 600	0	554	2 516
Other service activities	8 210	2 521	0	137	5 552
Value added (gross, basic prices)	631 032	418 016	43 910	84 061	85 045

P 14 Labour share in enterprise income by industry

	2011	2012	2013	2014	2015*	2016*
	%					
Industries						
Agriculture, forestry and fishing	87.4	87.3	88.6	86.5	85.4	86.4
Mining and quarrying	5.5	5.0	5.2	7.8	10.9	16.2
Manufacturing	70.3	72.9	76.3	77.0	70.5	68.4
Electricity and gas supply	36.3	37.0	42.7	54.5	51.4	54.0
Water supply and waste management	70.4	73.5	74.2	72.8	74.7	75.0
Construction	87.4	93.6	93.1	89.5	86.2	84.0
Wholesale and retail trade; repair of motor vehicles	66.4	67.1	65.0	64.6	62.7	61.9
Transportation and storage	83.8	83.0	82.4	77.3	73.9	76.8
Accommodation and food service activities	83.6	84.0	82.8	81.2	79.6	77.6
Information and communication	65.9	68.6	68.0	67.6	68.2	69.9
Financial and insurance activities	47.3	43.7	47.1	48.9	47.2	51.2
Real estate activities	72.4	197.8	117.8	68.5	53.3	46.0
Professional, scientific and technical activities	86.6	89.8	92.2	91.0	86.2	85.1
Administrative and support service activities	83.6	81.6	79.8	78.0	75.4	74.9
Public administration and defence; compulsory social security	100.0	100.0	100.0	100.0	100.0	100.0
Education	99.4	99.8	100.0	100.2	99.9	99.9
Human health and social work activities	100.2	99.4	98.8	99.4	100.5	100.0
Arts, entertainment and recreation	74.0	73.8	73.6	72.7	69.6	69.6
Other service activities	98.8	97.0	97.6	97.9	95.5	94.6
Households with domestic personnel	100.0	100.0	100.0	100.0	100.0	100.0
Total	76.0	76.5	76.8	77.1	75.3	75.9

P 15 Imputed labour income of self-employed and family workers by industry

	2011	2012	2013	2014	2015*	2016*
	mln euro					
Industries						
Agriculture, forestry and fishing	3211	3525	4380	3880	3832	3960
Mining and quarrying	6	8	9	15	17	17
Manufacturing	2232	2390	2362	2453	2491	2618
Electricity and gas supply	51	64	74	94	115	108
Water supply and waste management	9	10	11	31	30	32
Construction	5721	5256	5200	5623	6009	6525
Wholesale and retail trade; repair of motor vehicles	5357	5071	4929	5306	5721	6060
Transportation and storage	1147	1137	1196	1307	1371	1365
Accommodation and food service activities	1844	1800	1749	1926	2173	2504
Information and communication	1230	1330	1325	1478	1701	1772
Financial and insurance activities	345	343	320	337	320	320
Real estate activities	561	638	645	604	607	621
Professional, scientific and technical activities	5761	5977	6048	6576	6884	7282
Administrative and support service activities	2885	2903	2914	3092	3399	3600
Public administration and defence; compulsory social security	0	0	0	0	0	0
Education	886	925	927	1001	1078	1147
Human health and social work activities	7764	7752	7412	7651	7688	7910
Arts, entertainment and recreation	1172	1207	1228	1336	1444	1488
Other service activities	1649	1658	1697	1771	1861	1976
Households with domestic personnel	0	0	0	0	0	0
Total	41831	41994	42426	44481	46741	49305
Difference imputed and paid VAT	760	47	775	631	649	- 68
Imputed compensation for self-employed and family workers¹⁾	42591	42041	43201	45112	47390	49237

¹⁾ The imputed labour income of self-employed and the family workers is determined as the net operating surplus/mixed income of households, except for the industry real estate activities. The imputed labour income of self-employed in this industry is calculated as the number of full-time equivalents of self-employed and family workers multiplied by the average compensation of employees.

5.

Labour

A 1 Key figures labour market

	2011	2012	2013	2014	2015	2016*
	1000 persons					
Number of employed persons ¹⁾	8 854	8 836	8 732	8 724	8 806	8 901
Number of employees	7 444	7 399	7 285	7 244	7 315	7 416
Number of self-employed persons ¹⁾	1 410	1 436	1 447	1 479	1 491	1 485
	1000 jobs					
Jobs of employed persons ¹⁾	9 952	9 923	9 789	9 790	9 901	9 999
Jobs of employees	7 962	7 908	7 769	7 730	7 809	7 920
Jobs of self-employed persons ¹⁾	1 990	2 015	2 019	2 059	2 092	2 079
	1000 full-time equivalent jobs					
Labour input of employed persons, in full-time equivalent jobs ¹⁾	7 099	7 055	6 972	6 964	7 037	7 131
Labour input of employees, in full-time equivalent jobs	5 958	5 901	5 807	5 774	5 827	5 930
Labour input of self-employed persons, in full-time equivalent jobs ¹⁾	1 140	1 154	1 165	1 190	1 210	1 202
	mln hours					
Labour input of employed persons, in hours worked ¹⁾	12 594	12 487	12 378	12 466	12 539	12 788
Labour input of employees, in hours worked	10 057	9 924	9 804	9 819	9 869	10 093
Labour input of self-employed persons, in hours worked ¹⁾	2 537	2 563	2 574	2 647	2 670	2 695
Labour input of employees, in hours paid	11 884	11 810	11 675	11 615	11 737	11 970
Labour input of employees, in contractual hours	11 728	11 661	11 521	11 464	11 581	11 817
	1000 euro					
Compensation of employees per full-time equivalent job	53.4	54.7	55.9	56.8	56.6	57.3
Wages and salaries per full-time equivalent job	42.2	42.9	43.7	44.0	44.6	45.1
	euro					
Compensation of employees per hour worked	31.6	32.5	33.1	33.4	33.4	33.7
Wages and salaries per hour worked	25.0	25.5	25.9	25.9	26.3	26.5
	% changes					
Compensation of employees per full-time equivalent job	2.4	2.5	2.2	1.6	-0.3	1.2
Wages and salaries per full-time equivalent job	2.0	1.6	2.0	0.5	1.3	1.3
Compensation of employees per hour worked	1.7	2.9	1.8	0.9	0.1	0.7
Wages and salaries per hour worked	1.3	1.9	1.6	-0.2	1.7	0.8

¹⁾ Data of 2015 and 2016 are provisional.

A 2 Number of employed persons by industry

	2011	2012	2013	2014	2015*	2016*
	1000 persons					
Industries						
Agriculture, forestry and fishing	201	199	196	195	194	195
Mining and quarrying	8	9	9	10	10	9
Manufacturing	792	783	769	765	766	768
Manufacture of food, beverages and tobacco	126	127	127	127	127	129
Manufacture of textile-, leatherproducts	18	17	18	17	17	17
Manufacture of paper-, wood products, printing	63	59	56	53	52	52
Manufacture of coke and petroleum	6	6	6	6	6	6
Manufacture of chemicals	44	45	44	44	43	44
Manufacture of pharmaceuticals	15	13	12	12	13	13
Manufacture of plastic and building material	56	55	53	51	51	52
Manufacture of basic metals and -products	111	109	107	107	108	109
Manufacture of electronic products	28	27	27	26	26	25
Manufacture of electrical equipment	22	22	21	20	20	21
Manufacture of machinery n.e.c.	75	76	78	79	80	81
Manufacture of transport equipment	38	37	37	37	38	38
Other manufacturing and repair	192	190	184	186	185	182
Electricity and gas supply	24	23	24	24	24	24
Water supply and waste management	33	32	32	32	32	32
Construction	522	509	478	466	462	460
Construction buildings, development	178	172	160	158	157	158
Civil engineering	62	62	60	58	56	54
Specialised construction activities	281	275	257	250	249	248
Trade, transport, hotels, catering	2 159	2 164	2 141	2 152	2 188	2 216
Sale and repair of motor vehicles	143	141	136	133	132	134
Wholesale trade (no motor vehicles)	489	493	487	484	493	501
Retail trade (not in motor vehicles)	781	780	771	780	793	796
Land transport	195	191	184	181	182	185
Water transport	21	21	21	21	20	19
Air transport	26	25	25	25	25	25
Warehousing and support activities for transportation	79	80	83	85	88	91
Postal and courier activities	68	70	70	67	63	59
Accommodation and food service activities	355	361	364	376	392	405
Information and communication	256	259	256	261	268	277
Publishing, audiovisual and broadcasting activities	59	59	57	55	54	54
Telecommunications	32	32	31	31	30	31
IT- and information services	165	169	169	175	183	192
Financial and insurance activities	261	257	252	243	237	231
Financial activities, no insurance and pension funding	136	134	132	124	118	114
Insurance and pension funding	65	63	62	60	58	57
Other financial services	60	59	58	58	61	60
Real estate activities	79	76	75	74	73	73
Business services	1 683	1 685	1 680	1 719	1 792	1 855
Management, technical consultancy	460	464	460	469	475	481
Research and development	33	33	33	34	37	38
Advertising, design and other services	181	183	179	182	184	185
Renting and leasing of tangible goods	31	33	32	32	33	33
Employment activities	528	520	522	548	604	656
Travel agencies, tour operators etc.	23	23	21	21	22	23
Other business services	427	430	432	434	437	439
Government and care	2 457	2 464	2 448	2 408	2 387	2 384
Public administration and defence; compulsory social security	507	501	499	490	484	483
Education	524	520	515	515	518	522
Human health activities	546	552	554	558	557	559
Social work activities	880	891	879	846	828	820
Culture, recreation, other services	379	376	372	376	375	377
Arts, entertainment and recreation	158	158	158	161	162	163
Other service activities	198	195	193	193	190	191
Households with domestic personnel	23	23	21	22	23	23
Number of employed persons	8 854	8 836	8 732	8 724	8 806	8 901

A 3.1 Jobs of employed persons by industry

	2011	2012	2013	2014	2015*	2016*
	1000 jobs					
Industries						
Agriculture, forestry and fishing	269	264	258	258	258	257
Mining and quarrying	9	9	9	10	10	9
Manufacturing	819	811	796	792	793	795
Manufacture of food, beverages and tobacco	133	134	134	134	135	136
Manufacture of textile-, leatherproducts	19	19	19	19	19	18
Manufacture of paper-, wood products, printing	65	62	59	55	54	54
Manufacture of coke and petroleum	6	6	6	6	6	6
Manufacture of chemicals	45	45	45	44	44	44
Manufacture of pharmaceuticals	16	14	13	13	13	14
Manufacture of plastic and building material	57	57	54	52	53	54
Manufacture of basic metals and -products	114	112	110	110	111	113
Manufacture of electronic products	29	28	27	27	27	25
Manufacture of electrical equipment	22	22	21	21	20	22
Manufacture of machinery n.e.c.	77	78	80	81	82	82
Manufacture of transport equipment	39	38	37	37	39	39
Other manufacturing and repair	198	196	190	192	191	188
Electricity and gas supply	25	25	26	25	26	26
Water supply and waste management	34	33	33	33	33	33
Construction	577	563	529	516	513	511
Construction buildings, development	216	208	193	188	188	189
Civil engineering	64	64	62	60	58	56
Specialised construction activities	298	291	274	267	267	266
Trade, transport, hotels, catering	2 358	2 363	2 333	2 349	2 389	2 415
Sale and repair of motor vehicles	155	153	147	144	143	145
Wholesale trade (no motor vehicles)	520	523	515	513	522	528
Retail trade (not in motor vehicles)	855	853	843	853	869	869
Land transport	211	206	198	195	196	201
Water transport	23	23	23	23	22	19
Air transport	26	26	25	26	26	26
Warehousing and support activities for transportation	82	83	86	88	91	95
Postal and courier activities	77	79	79	76	72	68
Accommodation and food service activities	411	417	417	431	449	464
Information and communication	284	288	285	289	298	307
Publishing, audiovisual and broadcasting activities	66	67	64	62	62	62
Telecommunications	33	33	32	32	31	32
IT- and information services	184	188	189	195	205	213
Financial and insurance activities	272	268	262	253	247	241
Financial activities, no insurance and pension funding	140	139	136	129	122	118
Insurance and pension funding	66	64	63	61	59	58
Other financial services	66	65	63	63	66	65
Real estate activities	92	89	87	85	85	85
Business services	1 980	1 977	1 971	2 011	2 096	2 164
Management, technical consultancy	516	520	515	525	533	540
Research and development	35	34	34	35	38	40
Advertising, design and other services	227	230	225	228	233	232
Renting and leasing of tangible goods	35	37	37	36	37	38
Employment activities	597	586	587	612	675	733
Travel agencies, tour operators etc.	25	24	23	23	24	25
Other business services	544	546	549	551	555	557
Government and care	2 735	2 739	2 717	2 681	2 662	2 663
Public administration and defence; compulsory social security	534	526	524	520	513	512
Education	585	581	576	576	581	587
Human health activities	607	615	617	621	622	625
Social work activities	1 009	1 017	1 001	964	946	938
Culture, recreation, other services	499	494	483	488	490	492
Arts, entertainment and recreation	210	210	208	213	215	217
Other service activities	239	235	233	233	231	231
Households with domestic personnel	50	49	42	42	44	44
Jobs of employed persons	9 952	9 923	9 789	9 790	9 901	9 999

A 3.2 Jobs of employees by industry

	2011	2012	2013	2014	2015	2016*
	1000 jobs					
Industries						
Agriculture, forestry and fishing	106	105	104	103	101	103
Mining and quarrying	8	9	9	10	10	9
Manufacturing	768	758	744	738	739	741
Manufacture of food, beverages and tobacco	125	125	125	125	125	127
Manufacture of textile-, leatherproducts	15	15	15	14	14	14
Manufacture of paper-, wood products, printing	59	56	53	50	48	49
Manufacture of coke and petroleum	6	6	6	6	6	6
Manufacture of chemicals	45	45	45	44	44	44
Manufacture of pharmaceuticals	15	13	12	12	13	13
Manufacture of plastic and building material	55	54	52	50	51	51
Manufacture of basic metals and -products	106	104	102	101	103	104
Manufacture of electronic products	28	27	27	26	26	25
Manufacture of electrical equipment	21	22	21	20	20	21
Manufacture of machinery n.e.c.	75	77	78	80	80	81
Manufacture of transport equipment	37	36	36	36	37	38
Other manufacturing and repair	182	179	173	174	172	169
Electricity and gas supply	24	23	24	24	24	24
Water supply and waste management	33	33	32	32	32	33
Construction	370	356	324	306	300	299
Construction buildings, development	108	100	87	80	79	80
Civil engineering	57	57	56	54	51	49
Specialised construction activities	205	198	181	172	170	170
Trade, transport, hotels, catering	2 023	2 027	2 005	2 011	2 048	2 083
Sale and repair of motor vehicles	122	120	115	111	110	112
Wholesale trade (no motor vehicles)	463	468	461	458	467	477
Retail trade (not in motor vehicles)	721	719	713	720	733	739
Land transport	189	184	176	172	172	175
Water transport	16	16	16	16	16	16
Air transport	26	26	25	25	25	25
Warehousing and support activities for transportation	78	78	81	83	86	89
Postal and courier activities	70	72	72	69	64	60
Accommodation and food service activities	339	344	346	357	374	390
Information and communication	230	231	227	229	236	245
Publishing, audiovisual and broadcasting activities	52	52	49	47	46	46
Telecommunications	32	32	31	31	30	31
IT- and information services	145	147	147	151	160	169
Financial and insurance activities	263	259	254	244	238	232
Financial activities, no insurance and pension funding	140	139	136	129	122	118
Insurance and pension funding	66	64	63	61	59	58
Other financial services	56	56	54	54	57	57
Real estate activities	72	69	67	66	66	66
Business services	1 362	1 352	1 338	1 365	1 442	1 514
Management, technical consultancy	386	385	376	378	383	391
Research and development	33	33	32	33	36	37
Advertising, design and other services	76	76	73	75	75	78
Renting and leasing of tangible goods	28	30	29	28	30	30
Employment activities	587	577	580	604	667	725
Travel agencies, tour operators etc.	22	21	20	19	20	21
Other business services	231	230	228	227	230	232
Government and care	2 380	2 372	2 343	2 304	2 278	2 273
Public administration and defence; compulsory social security	534	526	524	520	513	512
Education	530	523	514	511	513	516
Human health activities	512	516	516	517	515	517
Social work activities	805	807	789	756	737	727
Culture, recreation, other services	322	314	299	297	295	297
Arts, entertainment and recreation	132	129	126	127	126	127
Other service activities	141	135	131	128	124	125
Households with domestic personnel	50	49	42	42	44	44
Jobs of employees	7 962	7 908	7 769	7 730	7 809	7 920

A 3.3 Jobs of self-employed persons by industry

	2011	2012	2013	2014	2015*	2016*
	1000 jobs					
Industries						
Agriculture, forestry and fishing	163	159	155	156	157	155
Mining and quarrying	0	0	0	0	0	0
Manufacturing	51	52	53	54	55	54
Manufacture of food, beverages and tobacco	8	9	9	9	9	9
Manufacture of textile-, leatherproducts	4	4	4	4	4	4
Manufacture of paper-, wood products, printing	6	6	6	6	6	5
Manufacture of coke and petroleum	0	0	0	0	0	0
Manufacture of chemicals	0	0	0	0	0	0
Manufacture of pharmaceuticals	1	1	1	1	1	1
Manufacture of plastic and building material	2	2	2	2	2	2
Manufacture of basic metals and -products	8	8	9	9	9	9
Manufacture of electronic products	1	1	1	1	1	1
Manufacture of electrical equipment	1	1	1	1	1	1
Manufacture of machinery n.e.c.	2	1	1	1	1	1
Manufacture of transport equipment	2	2	2	1	2	1
Other manufacturing and repair	16	17	17	18	19	19
Electricity and gas supply	1	1	1	2	2	1
Water supply and waste management	1	1	1	1	1	1
Construction	207	207	204	210	213	212
Construction buildings, development	107	108	106	108	109	109
Civil engineering	6	6	6	7	7	7
Specialised construction activities	93	93	92	95	97	96
Trade, transport, hotels, catering	335	336	329	338	341	331
Sale and repair of motor vehicles	33	32	32	33	33	33
Wholesale trade (no motor vehicles)	56	56	54	55	55	51
Retail trade (not in motor vehicles)	134	134	130	133	135	131
Land transport	22	22	22	23	24	26
Water transport	7	7	7	7	5	3
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	4	4	5	5	5	6
Postal and courier activities	7	7	7	8	8	7
Accommodation and food service activities	72	73	72	74	75	74
Information and communication	54	56	58	60	62	61
Publishing, audiovisual and broadcasting activities	14	14	15	15	16	16
Telecommunications	1	1	1	1	1	1
IT- and information services	40	41	42	44	45	44
Financial and insurance activities	9	9	9	8	8	8
Financial activities, no insurance and pension funding	0	0	0	0	0	0
Insurance and pension funding	0	0	0	0	0	0
Other financial services	9	9	9	8	8	8
Real estate activities	19	20	20	19	19	20
Business services	618	625	633	645	654	651
Management, technical consultancy	130	135	140	146	150	149
Research and development	2	2	2	2	2	2
Advertising, design and other services	151	153	152	153	157	155
Renting and leasing of tangible goods	8	8	7	7	7	7
Employment activities	10	8	8	8	8	8
Travel agencies, tour operators etc.	4	4	4	4	4	4
Other business services	313	316	320	324	325	326
Government and care	354	367	374	377	384	390
Public administration and defence; compulsory social security	0	0	0	0	0	0
Education	55	58	61	65	68	71
Human health activities	96	99	101	104	107	108
Social work activities	204	210	212	208	209	211
Culture, recreation, other services	176	180	184	191	195	195
Arts, entertainment and recreation	79	80	82	86	88	89
Other service activities	98	100	102	105	107	106
Households with domestic personnel	0	0	0	0	0	0
Jobs of self-employed persons	1 990	2 015	2 019	2 059	2 092	2 079

A 4.1 Labour input of employed persons by industry, in full-time equivalent jobs

	2011	2012	2013	2014	2015*	2016*
1000 full-time equivalent jobs						
Industries						
Agriculture, forestry and fishing	165	162	164	162	162	162
Mining and quarrying	8	8	9	9	10	9
Manufacturing	722	714	702	697	699	701
Manufacture of food, beverages and tobacco	109	109	110	110	110	112
Manufacture of textile-, leatherproducts	15	15	15	15	15	14
Manufacture of paper-, wood products, printing	58	55	52	49	48	48
Manufacture of coke and petroleum	5	6	5	6	6	6
Manufacture of chemicals	42	42	42	41	41	42
Manufacture of pharmaceuticals	14	12	12	12	12	12
Manufacture of plastic and building material	52	52	50	48	48	49
Manufacture of basic metals and -products	103	102	100	99	101	102
Manufacture of electronic products	26	25	25	25	25	23
Manufacture of electrical equipment	20	20	20	19	19	20
Manufacture of machinery n.e.c.	71	72	74	75	76	76
Manufacture of transport equipment	36	35	35	35	36	36
Other manufacturing and repair	171	169	163	163	163	160
Electricity and gas supply	22	22	23	23	23	23
Water supply and waste management	31	30	30	30	30	30
Construction	503	490	460	450	448	447
Construction buildings, development	182	175	162	158	158	159
Civil engineering	59	59	58	56	54	52
Specialised construction activities	262	257	241	235	236	235
Trade, transport, hotels, catering	1 608	1 601	1 579	1 576	1 597	1 627
Sale and repair of motor vehicles	128	126	121	118	117	119
Wholesale trade (no motor vehicles)	436	440	435	432	439	446
Retail trade (not in motor vehicles)	486	479	469	469	473	478
Land transport	171	167	163	159	161	166
Water transport	19	19	20	19	18	16
Air transport	23	22	22	22	22	22
Warehousing and support activities for transportation	72	74	76	78	80	84
Postal and courier activities	44	44	42	40	38	37
Accommodation and food service activities	228	231	231	238	249	260
Information and communication	240	243	241	246	254	262
Publishing, audiovisual and broadcasting activities	51	51	50	49	48	49
Telecommunications	30	29	28	29	28	29
IT- and information services	159	162	163	168	177	184
Financial and insurance activities	236	233	229	221	216	211
Financial activities, no insurance and pension funding	126	125	122	115	109	106
Insurance and pension funding	59	57	56	55	54	52
Other financial services	52	51	50	50	53	53
Real estate activities	67	66	64	63	62	63
Business services	1 245	1 241	1 236	1 272	1 333	1 386
Management, technical consultancy	414	415	410	417	425	431
Research and development	31	30	30	31	34	35
Advertising, design and other services	115	119	115	117	120	122
Renting and leasing of tangible goods	27	29	29	28	29	29
Employment activities	385	377	379	406	449	489
Travel agencies, tour operators etc.	19	19	18	18	19	20
Other business services	253	253	254	255	258	261
Government and care	1 933	1 932	1 922	1 904	1 893	1 898
Public administration and defence; compulsory social security	478	470	471	466	460	459
Education	426	423	418	421	424	429
Human health activities	437	442	445	447	450	452
Social work activities	593	596	587	570	560	558
Culture, recreation, other services	317	311	310	311	311	313
Arts, entertainment and recreation	132	129	131	132	133	135
Other service activities	171	167	165	164	163	163
Households with domestic personnel	14	15	15	15	14	15
Labour input of employed persons	7 099	7 055	6 972	6 964	7 037	7 131

A 4.2 Labour input of employed persons by industry, in hours worked

	2011	2012	2013	2014	2015*	2016*
	mln hours					
Industries						
Agriculture, forestry and fishing	370	364	362	366	365	369
Mining and quarrying	14	15	17	18	18	17
Manufacturing	1 279	1 258	1 247	1 246	1 240	1 249
Manufacture of food, beverages and tobacco	193	194	196	198	197	200
Manufacture of textile-, leatherproducts	28	27	27	27	26	26
Manufacture of paper-, wood products, printing	102	96	92	87	85	85
Manufacture of coke and petroleum	9	9	9	9	9	10
Manufacture of chemicals	74	74	74	73	72	73
Manufacture of pharmaceuticals	24	21	21	21	21	21
Manufacture of plastic and building material	94	92	90	87	87	89
Manufacture of basic metals and -products	189	185	184	184	185	188
Manufacture of electronic products	45	44	44	44	43	41
Manufacture of electrical equipment	36	36	35	34	33	36
Manufacture of machinery n.e.c.	129	131	135	139	138	140
Manufacture of transport equipment	64	62	62	63	65	65
Other manufacturing and repair	292	286	278	281	278	276
Electricity and gas supply	38	38	40	39	40	40
Water supply and waste management	58	56	57	58	57	57
Construction	944	910	864	857	846	846
Construction buildings, development	336	318	298	299	298	298
Civil engineering	110	109	109	108	101	99
Specialised construction activities	498	482	456	449	446	450
Trade, transport, hotels, catering	3 011	2 985	2 941	2 964	2 992	3 059
Sale and repair of motor vehicles	240	235	226	223	220	226
Wholesale trade (no motor vehicles)	801	805	796	796	804	820
Retail trade (not in motor vehicles)	894	878	858	866	873	884
Land transport	355	344	330	327	328	342
Water transport	37	38	38	37	36	31
Air transport	39	38	38	38	38	38
Warehousing and support activities for transportation	131	133	137	142	145	152
Postal and courier activities	78	79	74	72	68	66
Accommodation and food service activities	436	436	445	462	480	500
Information and communication	439	443	439	452	463	480
Publishing, audiovisual and broadcasting activities	91	91	89	88	86	87
Telecommunications	53	52	51	52	51	53
IT- and information services	294	299	299	313	326	340
Financial and insurance activities	402	395	389	379	369	362
Financial activities, no insurance and pension funding	211	208	205	196	184	179
Insurance and pension funding	98	95	95	92	90	88
Other financial services	94	92	89	91	96	95
Real estate activities	117	113	113	111	110	112
Business services	2 276	2 265	2 268	2 346	2 445	2 559
Management, technical consultancy	762	763	759	778	788	805
Research and development	53	53	53	55	59	61
Advertising, design and other services	225	230	226	231	235	240
Renting and leasing of tangible goods	51	54	53	52	54	55
Employment activities	680	663	671	721	796	874
Travel agencies, tour operators etc.	34	34	33	33	35	36
Other business services	470	468	473	476	478	487
Government and care	3 071	3 076	3 067	3 054	3 021	3 055
Public administration and defence; compulsory social security	767	754	757	753	734	739
Education	678	671	664	670	673	689
Human health activities	716	726	733	740	742	750
Social work activities	910	925	913	891	873	876
Culture, recreation, other services	574	569	575	576	574	584
Arts, entertainment and recreation	245	246	249	252	253	259
Other service activities	307	300	301	300	298	301
Households with domestic personnel	22	24	24	25	24	24
Labour input of employed persons	12 594	12 487	12 378	12 466	12 539	12 788

A 4.3 Labour input by industry, in hours worked

	2011	2012	2013	2014	2015	2016*
	mln hours					
Labour input of employed persons by industry, in hours worked¹⁾	12 594	12 487	12 378	12 466	12 539	12 788
Agriculture, forestry and fishing	370	364	362	366	365	369
Mining and quarrying	14	15	17	18	18	17
Manufacturing	1 279	1 258	1 247	1 246	1 240	1 249
Electricity and gas supply	38	38	40	39	40	40
Water supply and waste management	58	56	57	58	57	57
Construction	944	910	864	857	846	846
Trade, transport, hotels, catering	3 011	2 985	2 941	2 964	2 992	3 059
Information and communication	439	443	439	452	463	480
Financial and insurance activities	402	395	389	379	369	362
Real estate activities	117	113	113	111	110	112
Business services	2 276	2 265	2 268	2 346	2 445	2 559
Government and care	3 071	3 076	3 067	3 054	3 021	3 055
Culture, recreation, other services	574	569	575	576	574	584
Labour input of employees by industry, in hours worked	10 057	9 924	9 804	9 819	9 869	10 093
Agriculture, forestry and fishing	127	126	128	127	125	129
Mining and quarrying	14	14	17	18	18	17
Manufacturing	1 196	1 174	1 164	1 163	1 156	1 165
Electricity and gas supply	38	37	39	38	38	39
Water supply and waste management	57	56	56	57	56	56
Construction	596	568	525	506	492	488
Trade, transport, hotels, catering	2 432	2 407	2 379	2 380	2 405	2 478
Information and communication	358	359	355	365	374	390
Financial and insurance activities	389	382	376	366	357	350
Real estate activities	97	93	91	90	89	89
Business services	1 718	1 701	1 694	1 750	1 844	1 951
Government and care	2 720	2 703	2 682	2 662	2 625	2 645
Culture, recreation, other services	315	304	297	296	291	296
Labour input of self-employed persons by industry, in hours worked¹⁾	2 537	2 563	2 574	2 647	2 670	2 695
Agriculture, forestry and fishing	243	238	235	239	240	240
Mining and quarrying	0	0	0	0	0	0
Manufacturing	83	84	83	83	84	84
Electricity and gas supply	1	1	1	1	1	1
Water supply and waste management	1	1	1	1	1	1
Construction	348	342	339	351	353	358
Trade, transport, hotels, catering	579	579	562	584	587	581
Information and communication	81	83	84	87	89	90
Financial and insurance activities	14	13	12	13	13	12
Real estate activities	20	20	22	21	21	22
Business services	558	564	574	595	601	608
Government and care	351	373	385	392	396	410
Culture, recreation, other services	259	265	278	280	283	289

¹⁾ Data of 2015 and 2016 are provisional.

A 5 Compensation of employees. wages and salaries by industry

	2011	2012	2013	2014	2015	2016*
	1000 euro					
Compensation of employees per full-time equivalent job	53.4	54.7	55.9	56.8	56.6	57.3
Agriculture, forestry and fishing	37.4	38.7	39.1	39.6	40.1	40.8
Mining and quarrying	115.1	119.2	121.6	125.3	123.0	121.8
Manufacturing	55.0	56.6	58.0	60.1	59.8	61.0
Electricity and gas supply	76.1	78.7	79.9	80.7	79.5	80.5
Water supply and waste management	58.2	59.5	60.3	60.7	60.6	61.4
Construction	55.8	57.7	58.5	59.7	59.3	60.6
Trade, transport, hotels, catering	45.9	47.1	47.9	48.5	48.8	49.2
Information and communication	69.6	70.9	71.7	71.0	72.3	72.4
Financial and insurance activities	83.7	85.1	91.9	95.4	92.3	94.5
Real estate activities	63.9	66.0	67.3	67.6	66.9	66.9
Business services	52.4	53.5	54.2	54.5	53.1	52.9
Government and care	53.4	54.7	55.9	56.9	57.6	58.9
Culture, recreation, other services	45.0	46.0	46.7	47.9	48.4	49.1
	euro					
Compensation of employees per hour worked	31.6	32.5	33.1	33.4	33.4	33.7
Agriculture, forestry and fishing	21.0	21.7	21.9	22.0	22.4	22.6
Mining and quarrying	64.7	66.7	63.3	64.7	64.7	63.5
Manufacturing	31.6	32.6	33.1	34.1	34.2	34.7
Electricity and gas supply	44.4	46.3	46.6	46.8	46.9	47.3
Water supply and waste management	31.1	32.0	32.0	31.8	32.1	32.6
Construction	31.5	32.9	32.9	32.9	33.0	34.0
Trade, transport, hotels, catering	25.8	26.7	27.1	27.2	27.5	27.6
Information and communication	39.4	40.4	40.7	40.0	40.8	40.8
Financial and insurance activities	49.7	50.8	54.5	56.0	54.4	55.5
Real estate activities	38.6	40.1	40.5	40.4	40.1	39.9
Business services	29.9	30.6	30.9	30.9	30.1	29.9
Government and care	34.7	35.6	36.4	36.8	37.5	38.1
Culture, recreation, other services	27.4	28.1	28.4	28.9	29.1	29.4
	1000 euro					
Wages and salaries per full-time equivalent job	42.2	42.9	43.7	44.0	44.6	45.1
Agriculture, forestry and fishing	30.1	30.7	31.1	31.4	31.9	32.5
Mining and quarrying	84.6	83.7	85.7	86.8	91.0	92.9
Manufacturing	43.7	44.6	46.0	46.5	47.4	48.3
Electricity and gas supply	61.1	62.1	63.3	64.6	64.5	65.0
Water supply and waste management	45.4	45.6	46.4	46.8	47.4	47.9
Construction	44.0	45.0	45.9	45.9	46.0	47.5
Trade, transport, hotels, catering	37.0	37.6	38.2	38.4	39.1	39.3
Information and communication	57.2	57.4	57.9	57.6	58.7	59.5
Financial and insurance activities	66.1	67.0	69.9	69.9	70.5	71.4
Real estate activities	48.5	49.9	51.2	50.8	51.2	51.9
Business services	42.2	42.7	43.4	43.1	42.9	42.7
Government and care	41.0	41.7	42.4	42.9	43.9	45.2
Culture, recreation, other services	36.5	37.1	37.6	38.2	39.1	39.7
	euro					
Wages and salaries per hour worked	25.0	25.5	25.9	25.9	26.3	26.5
Agriculture, forestry and fishing	16.9	17.3	17.4	17.4	17.9	17.9
Mining and quarrying	47.5	46.9	44.6	44.8	47.9	48.4
Manufacturing	25.1	25.7	26.3	26.4	27.1	27.5
Electricity and gas supply	35.7	36.5	36.9	37.5	38.0	38.2
Water supply and waste management	24.3	24.5	24.6	24.5	25.1	25.4
Construction	24.8	25.7	25.8	25.3	25.6	26.7
Trade, transport, hotels, catering	20.9	21.3	21.6	21.6	22.0	22.1
Information and communication	32.4	32.7	32.8	32.4	33.2	33.5
Financial and insurance activities	39.2	40.0	41.4	41.1	41.6	42.0
Real estate activities	29.3	30.3	30.8	30.4	30.7	31.0
Business services	24.1	24.4	24.7	24.4	24.4	24.1
Government and care	26.7	27.1	27.6	27.8	28.6	29.2
Culture, recreation, other services	22.2	22.7	22.8	23.0	23.5	23.8

A 6.1 Structure of labour costs

	2011	2012	2013	2014	2015	2016*
	mln euro					
Wages and salaries	251 715	253 193	254 034	253 880	259 619	267 717
Employers' social contributions	66 325	69 632	70 561	74 083	70 441	72 087
Actual employers' social contributions	54 958	58 815	60 039	63 576	59 525	61 215
Employers' contributions to pension schemes	24 717	26 192	28 436	28 580	24 911	24 637
Cure Insurance Act (ZVW)	13 098	14 034	14 878	14 739	13 968	14 017
Act on Work and Income based on Work Capacity (WIA, Whk)	10 240	10 332	8 258	10 997	12 081	13 740
Disablement Insurance Fund (AOK)	0	0	0	0	0	0
Unemployment Insurance Act (WW, WKO)	6 339	7 664	7 820	8 585	7 876	8 123
Sickness Benefits Act (ZW)	0	0	0	0	0	0
Executive Fund of the Government (UFO)	564	593	647	675	689	698
Employers' other private social insurance contributions	0	0	0	0	0	0
Imputed social contributions	11 367	10 817	10 522	10 507	10 916	10 872
Compensation of employees	318 040	322 825	324 595	327 963	330 060	339 804
Final levy	543	165	804	951	208	163
Labour costs subsidies (–)	3 121	2 601	1 997	1 532	1 411	1 839
Labour costs	315 462	320 389	323 402	327 382	328 857	338 128

A 6.2 Wage cost per hour worked, changes

	2011	2012	2013	2014	2015*	2016*
	%					
Labour price index	1.6	2.2	1.4	0.7	0.0	0.8
Structural effect	0.2	0.7	0.8	0.3	0.0	– 0.3
Wage cost per hour worked	1.8	2.9	2.2	1.1	– 0.1	0.5

A 7.1 Labour productivity by industry per full-time equivalent job ¹⁾

	2011	2012	2013	2014	2015*	2016*
	1000 euro					
Value added (gross, basic prices) per full-time equivalent job	82	83	84	86	87	88
Agriculture, forestry and fishing	59	63	68	68	69	71
Mining and quarrying	2309	2604	2530	1817	1349	997
Manufacturing	97	97	95	98	105	109
Electricity and gas supply	325	335	312	284	295	298
Water supply and waste management	118	119	120	123	121	123
Construction	60	57	57	61	63	67
Trade, transport, hotels, catering	71	72	75	77	81	82
Information and communication	116	114	116	116	117	116
Financial and insurance activities	194	214	215	220	218	210
Real estate activities	495	439	484	554	575	605
Business services	63	63	64	65	67	69
Government and care	65	67	68	69	69	71
Culture, recreation, other services	47	49	49	50	52	54
	% volume changes					
Value added (gross, basic prices) per full-time equivalent job	1.4	-0.2	1.3	1.6	0.9	0.8
Agriculture, forestry and fishing	-0.8	0.4	-0.5	5.5	1.5	2.0
Mining and quarrying	-14.7	-2.0	0.5	-18.6	-16.7	-5.1
Manufacturing	5.0	-0.4	0.5	2.6	0.9	2.7
Electricity and gas supply	-0.8	-1.3	-1.7	1.4	1.2	3.1
Water supply and waste management	-0.5	0.9	4.3	5.0	1.8	2.9
Construction	1.3	-5.8	0.9	6.9	8.8	7.9
Trade, transport, hotels, catering	3.5	0.1	1.8	3.1	1.2	0.6
Information and communication	-0.4	-0.4	2.7	1.4	2.1	-1.1
Financial and insurance activities	0.8	-1.9	-0.3	0.8	1.7	1.8
Real estate activities	3.3	4.3	8.0	7.6	2.8	2.1
Business services	1.0	1.1	0.1	1.9	2.0	0.5
Government and care	1.6	-0.2	0.8	1.2	0.3	0.5
Culture, recreation, other services	-0.8	0.9	-1.6	-0.4	2.1	0.5

¹⁾ Labour productivity measured as the gross value added basic prices per full-time equivalent job.

A 7.2 Labour productivity by industry per hour worked ¹⁾

	2011	2012	2013	2014	2015*	2016*
	euro					
Value added (gross, basic prices) per hour worked	46	47	48	48	49	49
Agriculture, forestry and fishing	26	28	31	30	30	31
Mining and quarrying	1298	1455	1312	940	710	521
Manufacturing	55	55	53	55	59	61
Electricity and gas supply	190	196	182	164	174	174
Water supply and waste management	63	64	63	65	64	66
Construction	32	31	31	32	33	35
Trade, transport, hotels, catering	38	39	40	41	43	44
Information and communication	64	63	64	63	64	63
Financial and insurance activities	114	126	126	128	128	122
Real estate activities	286	257	277	313	325	339
Business services	34	35	35	36	37	37
Government and care	41	42	43	43	44	44
Culture, recreation, other services	26	27	26	27	28	29
	% volume changes					
Value added (gross, basic prices) per hour worked	1.1	0.1	1.0	0.8	1.4	0.2
Agriculture, forestry and fishing	-0.7	0.3	0.9	3.3	1.9	0.8
Mining and quarrying	-14.1	-2.6	-6.7	-18.9	-15.2	-5.9
Manufacturing	4.0	0.2	-0.4	1.8	1.7	2.2
Electricity and gas supply	-0.6	-0.7	-2.2	0.6	2.8	2.7
Water supply and waste management	-0.2	1.3	3.0	4.0	2.9	3.0
Construction	-0.0	-4.7	-0.2	5.3	9.7	7.6
Trade, transport, hotels, catering	3.1	0.5	1.9	2.1	1.6	0.3
Information and communication	-0.6	-0.1	2.8	0.5	2.7	-1.5
Financial and insurance activities	0.2	-1.2	-0.8	-0.2	2.1	1.4
Real estate activities	2.2	5.6	5.5	6.3	3.1	1.2
Business services	0.7	1.2	-0.5	1.4	2.6	-0.1
Government and care	1.7	-0.4	0.6	0.6	0.8	-0.3
Culture, recreation, other services	-0.5	0.1	-2.8	-0.4	2.3	-0.6

¹⁾ Labour productivity measured as the gross value added basic prices per hour worked.

6.

Sector accounts

S 1.1 Sector accounts 2013

	Non-financial corpo- rations	Financial corpo- rations	General govern- ment	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
	mln euro						
0. Imports and exports							
R Imports of goods and services							465 502
U Exports of goods and services							535 320
1. Production account							
R Output (basic prices)	891 773	76 608	124 460	160 951		1 253 792	
Taxes on products (excl. VAT)					22 991	22 991	
Imputed VAT					44 362	44 362	
Subsidies on products (–)					3 140	3 140	
U Intermediate consumption (excl. deductible VAT)	507 068	27 867	41 845	88 477		665 257	
Value added (gross) ¹⁾	384 705	48 741	82 615	72 474	64 213	652 748	
2.1 Income account (generation of income)							
R Value added (gross) ¹⁾	384 705	48 741	82 615	72 474	64 213	652 748	
Difference imputed and paid VAT	1 163			775	– 1 938		
U Compensation of employees	228 277	20 423	60 193	15 702		324 595	1 015
Taxes on production and imports						73 439	
Taxes on products (excl. VAT)					22 991	22 991	
Paid VAT					42 424	42 424	
Other taxes on production	4 432	858	667	2 067		8 024	
Subsidies (–)						9 253	
Subsidies on products					3 140	3 140	
Other subsidies on production	4 659	41	87	1 326		6 113	
Consumption of fixed capital	58 318	4 085	21 842	25 117		109 362	
Operating surplus / mixed income (net)	99 500	23 416	0	31 689		154 605	
2.2 Income account (primary distribution)							
R Operating surplus / mixed income (net)	99 500	23 416	0	31 689		154 605	
Compensation of employees				319 999		319 999	5 611
Taxes on production and imports			71 430			71 430	2 009
Subsidies (–)			8 211			8 211	1 042
Property income	56 740	252 345	20 922	49 352		379 359	217 034
U Property income	83 821	263 494	10 227	7 123		364 665	231 728
Primary income/national income (net)	72 419	12 267	73 914	393 917		552 517	
2.3 Income account (secondary distribution)							
R Primary income/national income (net)	72 419	12 267	73 914	393 917		552 517	
Current taxes on income and wealth	0	0	65 946	0		65 946	2 055
Social contributions	6 730	65 808	100 786	384		173 708	284
Social benefits (in cash)	0	0	0	121 668		121 668	2 635
Other current transfers	5 729	19 719	102 776	24 238		152 462	17 140
U Current taxes on income and wealth	10 032	3 315	0	50 924		64 271	3 730
Social contributions	0	0	0	172 008		172 008	1 984
Social benefits (in cash)	6 730	39 936	77 003	384		124 053	250
Other current transfers	7 797	20 257	111 612	25 566		165 232	4 370
Disposable income (net)	60 319	34 286	154 807	291 325		540 737	
2.4 Income account (use of income)							
R Disposable income (net)	60 319	34 286	154 807	291 325		540 737	
Adjustment for the change in pension entitlements	0	0	0	25 439		25 439	433
U Final consumption expenditure	0	0	170 258	293 645		463 903	
Adjustment for the change in pension entitlements	0	25 872	0	0		25 872	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	60 319	8 414	– 15 451	23 119		76 401	– 66 736
3.1 Capital account (capital transfers)							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	60 319	8 414	– 15 451	23 119		76 401	– 66 736
Capital transfers	1 006	1 334	9 098	7 461		18 899	1 308
U Capital transfers	88	22	12 003	7 348		19 461	746
Net saving and capital transfers	61 237	9 726	– 18 356	23 232		75 839	– 66 174
3.2 Capital account (capital accumulation)							
R Net saving and capital transfers	61 237	9 726	– 18 356	23 232		75 839	– 66 174
Consumption of fixed capital	58 318	4 085	21 842	25 117		109 362	
U Capital formation (gross)	65 611	3 107	23 786	26 523		119 027	
Acquisitions less disposals of non-produced non-financial assets	4 195	1 508	– 4 803	192		1 092	– 1 092
Net lending / net borrowing	49 749	9 196	– 15 497	21 634		65 082	– 65 082
4. Financial account							
A Change in assets	74 967	36 491	8 793	15 999		136 250	227 787
P Change in liabilities	28 069	27 295	24 199	– 10 067		69 496	294 541
Changes in financial net worth	46 898	9 196	– 15 406	26 066		66 754	– 66 754
Net lending / net borrowing	49 749	9 196	– 15 497	21 634		65 082	– 65 082
Statistical discrepancy	– 2 851	0	91	4 432		1 672	– 1 672

¹⁾ For the sectors this concerns gross value added at basic prices. For the total economy this concerns gross domestic product at market prices.

S 1.2 Sector accounts 2014

	Non-financial corporations	Financial corporations	General government	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
	mln euro						
0. Imports and exports							
R Imports of goods and services							475 530
U Exports of goods and services							547 415
1. Production account							
R Output (basic prices)	898 279	77 067	126 107	165 845		1 267 298	
Taxes on products (excl. VAT)					24 417	24 417	
Imputed VAT					44 286	44 286	
Subsidies on products (–)					3 109	3 109	
U Intermediate consumption (excl. deductible VAT)	509 933	29 039	42 906	88 006		669 884	
Value added (gross) ¹⁾	388 346	48 028	83 201	77 839	65 594	663 008	
2.1 Income account (generation of income)							
R Value added (gross) ¹⁾	388 346	48 028	83 201	77 839	65 594	663 008	
Difference imputed and paid VAT	947			631	– 1 578		
U Compensation of employees	231 160	20 395	60 423	15 985		327 963	947
Taxes on production and imports						77 597	
Taxes on products (excl. VAT)					24 417	24 417	
Paid VAT					42 708	42 708	
Other taxes on production	5 066	1 867	705	2 834		10 472	
Subsidies (–)						8 910	
Subsidies on products					3 109	3 109	
Other subsidies on production	4 511	38	44	1 208		5 801	
Consumption of fixed capital	59 142	4 056	22 117	24 879		110 194	
Operating surplus / mixed income (net)	98 436	21 748	0	35 980		156 164	
2.2 Income account (primary distribution)							
R Operating surplus / mixed income (net)	98 436	21 748	0	35 980		156 164	
Compensation of employees				323 285		323 285	5 625
Taxes on production and imports			75 181			75 181	2 416
Subsidies (–)			8 021			8 021	889
Property income	44 914	288 539	15 593	49 607		398 653	252 404
U Property income	84 291	293 076	9 765	7 037		394 169	256 888
Primary income/national income (net)	59 059	17 211	72 988	401 835		551 093	
2.3 Income account (secondary distribution)							
R Primary income/national income (net)	59 059	17 211	72 988	401 835		551 093	
Current taxes on income and wealth	0	0	71 052	0		71 052	2 107
Social contributions	6 446	65 500	101 931	425		174 302	284
Social benefits (in cash)	0	0	0	122 903		122 903	2 479
Other current transfers	5 633	19 019	106 461	24 233		155 346	17 391
U Current taxes on income and wealth	11 674	3 590	54	53 337		68 655	4 504
Social contributions	0	0	0	171 892		171 892	2 694
Social benefits (in cash)	6 446	40 706	77 552	425		125 129	253
Other current transfers	7 657	18 747	116 217	25 938		168 559	4 178
Disposable income (net)	45 361	38 687	158 609	297 804		540 461	
2.4 Income account (use of income)							
R Disposable income (net)	45 361	38 687	158 609	297 804		540 461	
Adjustment for the change in pension entitlements	0	0	0	24 313		24 313	481
U Final consumption expenditure	0	0	171 986	296 682		468 668	
Adjustment for the change in pension entitlements	0	24 794	0	0		24 794	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	45 361	13 893	– 13 377	25 435		71 312	– 59 051
3.1 Capital account (capital transfers)							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	45 361	13 893	– 13 377	25 435		71 312	– 59 051
Capital transfers	1 255	63	9 347	7 400		18 065	1 155
U Capital transfers	126	20	11 192	7 159		18 497	723
Net saving and capital transfers	46 490	13 936	– 15 222	25 676		70 880	– 58 619
3.2 Capital account (capital accumulation)							
R Net saving and capital transfers	46 490	13 936	– 15 222	25 676		70 880	– 58 619
Consumption of fixed capital	59 142	4 056	22 117	24 879		110 194	
U Capital formation (gross)	66 906	2 274	23 323	29 952		122 455	
Acquisitions less disposals of non-produced non-financial assets	1 453	– 501	– 1 400	610		162	– 162
Net lending / net borrowing	37 273	16 219	– 15 028	19 993		58 457	– 58 457
4. Financial account							
A Change in assets	4 806	186 363	– 1 543	30 029		219 655	120 363
P Change in liabilities	– 28 861	170 144	13 331	5 928		160 542	179 476
Changes in financial net worth	33 667	16 219	– 14 874	24 101		59 113	– 59 113
Net lending / net borrowing	37 273	16 219	– 15 028	19 993		58 457	– 58 457
Statistical discrepancy	– 3 606	0	154	4 108		656	– 656

¹⁾ For the sectors this concerns gross value added at basic prices. For the total economy this concerns gross domestic product at market prices.

S 1.3 Sector accounts 2015

	Non-financial corporations	Financial corporations	General government	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
	mln euro						
0. Imports and exports							
R Imports of goods and services							498 043
U Exports of goods and services							570 178
1. Production account							
R Output (basic prices)	926 740	74 812	124 455	171 660		1 297 667	
Taxes on products (excl. VAT)					25 013	25 013	
Imputed VAT					46 501	46 501	
Subsidies on products (–)					3 043	3 043	
U Intermediate consumption (excl. deductible VAT)	521 099	28 159	41 988	91 435		682 681	
Value added (gross) ¹⁾	405 641	46 653	82 467	80 225	68 471	683 457	
2.1 Income account (generation of income)							
R Value added (gross) ¹⁾	405 641	46 653	82 467	80 225	68 471	683 457	
Difference imputed and paid VAT	973			649	– 1 622		
U Compensation of employees	235 034	19 269	59 651	16 106		330 060	1 015
Taxes on production and imports						79 003	
Taxes on products (excl. VAT)					25 013	25 013	
Paid VAT					44 879	44 879	
Other taxes on production	4 612	1 216	640	2 643		9 111	
Subsidies (–)						8 728	
Subsidies on products					3 043	3 043	
Other subsidies on production	4 383	34	37	1 231		5 685	
Consumption of fixed capital	60 675	4 057	22 213	24 810		111 755	
Operating surplus / mixed income (net)	110 676	22 145	0	38 546		171 367	
2.2 Income account (primary distribution)							
R Operating surplus / mixed income (net)	110 676	22 145	0	38 546		171 367	
Compensation of employees				325 153		325 153	5 922
Taxes on production and imports			76 381			76 381	2 622
Subsidies (–)			7 804			7 804	924
Property income	48 256	247 273	10 690	49 863		356 082	224 182
U Property income	78 808	259 693	8 734	6 089		353 324	226 940
Primary income/national income (net)	80 124	9 725	70 533	407 473		567 855	
2.3 Income account (secondary distribution)							
R Primary income/national income (net)	80 124	9 725	70 533	407 473		567 855	
Current taxes on income and wealth	0	0	78 305	0		78 305	2 443
Social contributions	6 941	63 162	99 586	508		170 197	284
Social benefits (in cash)	0	0	0	123 246		123 246	2 756
Other current transfers	6 030	18 937	112 539	23 970		161 476	17 495
U Current taxes on income and wealth	12 983	4 070	0	59 320		76 373	4 375
Social contributions	0	0	0	167 756		167 756	2 725
Social benefits (in cash)	6 941	40 467	77 816	508		125 732	270
Other current transfers	7 497	18 517	122 887	25 284		174 185	4 786
Disposable income (net)	65 674	28 770	160 260	302 329		557 033	
2.4 Income account (use of income)							
R Disposable income (net)	65 674	28 770	160 260	302 329		557 033	
Adjustment for the change in pension entitlements	0	0	0	22 264		22 264	431
U Final consumption expenditure	0	0	171 677	303 470		475 147	
Adjustment for the change in pension entitlements	0	22 695	0	0		22 695	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	65 674	6 075	– 11 417	21 123		81 455	– 57 035
3.1 Capital account (capital transfers)							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	65 674	6 075	– 11 417	21 123		81 455	– 57 035
Capital transfers	1 191	67	10 376	7 871		19 505	1 824
U Capital transfers	124	17	12 721	7 536		20 398	931
Net saving and capital transfers	66 741	6 125	– 13 762	21 458		80 562	– 56 142
3.2 Capital account (capital accumulation)							
R Net saving and capital transfers	66 741	6 125	– 13 762	21 458		80 562	– 56 142
Consumption of fixed capital	60 675	4 057	22 213	24 810		111 755	
U Capital formation (gross)	73 600	3 789	24 535	34 251		136 175	
Acquisitions less disposals of non-produced non-financial assets	1 098	34 128	– 2 065	439		33 600	– 33 600
Net lending / net borrowing	52 718	– 27 735	– 14 019	11 578		22 542	– 22 542
4. Financial account							
A Change in assets	97 174	109 277	– 9 456	27 252		224 247	140 730
P Change in liabilities	47 233	137 012	4 168	12 485		200 898	164 079
Changes in financial net worth	49 941	– 27 735	– 13 624	14 767		23 349	– 23 349
Net lending / net borrowing	52 718	– 27 735	– 14 019	11 578		22 542	– 22 542
Statistical discrepancy	– 2 777	0	395	3 189		807	– 807

¹⁾ For the sectors this concerns gross value added at basic prices. For the total economy this concerns gross domestic product at market prices.

S 1.4 Sector accounts 2016*

	Non-financial corpo- rations	Financial corpo- rations	General govern- ment	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
	mln euro						
0. Imports and exports							
R Imports of goods and services							501 969
U Exports of goods and services							579 317
1. Production account							
R Output (basic prices)	944 983	71 981	124 927	178 010		1 319 901	
Taxes on products (excl. VAT)					26 534	26 534	
Imputed VAT					48 385	48 385	
Subsidies on products (–)					3 310	3 310	
U Intermediate consumption (excl. deductible VAT)	526 967	28 071	40 866	92 965		688 869	
Value added (gross) ¹⁾	418 016	43 910	84 061	85 045	71 609	702 641	
2.1 Income account (generation of income)							
R Value added (gross) ¹⁾	418 016	43 910	84 061	85 045	71 609	702 641	
Difference imputed and paid VAT	– 104			– 68	172		
U Compensation of employees	242 812	19 293	60 974	16 725		339 804	1 053
Taxes on production and imports						84 876	
Taxes on products (excl. VAT)					26 534	26 534	
Paid VAT					48 557	48 557	
Other taxes on production	4 703	1 691	652	2 739		9 785	
Subsidies (–)						9 176	
Subsidies on products					3 310	3 310	
Other subsidies on production	4 703	43	41	1 079		5 866	
Consumption of fixed capital	62 415	4 147	22 476	25 351		114 389	
Operating surplus / mixed income (net)	112 685	18 822	0	41 241		172 748	
2.2 Income account (primary distribution)							
R Operating surplus / mixed income (net)	112 685	18 822	0	41 241		172 748	
Compensation of employees				334 641		334 641	6 216
Taxes on production and imports			81 791			81 791	3 085
Subsidies (–)			8 406			8 406	770
Property income	33 415	231 249	8 009	49 051		321 724	207 722
U Property income	67 064	243 148	7 828	4 616		322 656	206 790
Primary income/national income (net)	79 036	6 923	73 566	420 317		579 842	
2.3 Income account (secondary distribution)							
R Primary income/national income (net)	79 036	6 923	73 566	420 317		579 842	
Current taxes on income and wealth	0	0	81 998	0		81 998	2 383
Social contributions	7 162	62 059	107 364	479		177 064	284
Social benefits (in cash)	0	0	0	125 633		125 633	2 760
Other current transfers	5 468	18 459	116 257	24 068		164 252	12 902
U Current taxes on income and wealth	16 503	5 455	2	58 111		80 071	4 310
Social contributions	0	0	0	174 645		174 645	2 703
Social benefits (in cash)	7 162	41 311	79 201	479		128 153	240
Other current transfers	7 302	18 475	122 013	25 565		173 355	3 799
Disposable income (net)	60 699	22 200	177 969	311 697		572 565	
2.4 Income account (use of income)							
R Disposable income (net)	60 699	22 200	177 969	311 697		572 565	
Adjustment for the change in pension entitlements	0	0	0	20 335		20 335	413
U Final consumption expenditure	0	0	173 682	310 692		484 374	
Adjustment for the change in pension entitlements	0	20 748	0	0		20 748	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	60 699	1 452	4 287	21 340		87 778	– 61 248
3.1 Capital account (capital transfers)							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	60 699	1 452	4 287	21 340		87 778	– 61 248
Capital transfers	641	149	7 687	7 258		15 735	1 889
U Capital transfers	113	15	9 597	7 052		16 777	847
Net saving and capital transfers	61 227	1 586	2 377	21 546		86 736	– 60 206
3.2 Capital account (capital accumulation)							
R Net saving and capital transfers	61 227	1 586	2 377	21 546		86 736	– 60 206
Consumption of fixed capital	62 415	4 147	22 476	25 351		114 389	
U Capital formation (gross)	73 191	2 988	24 603	40 137		140 919	
Acquisitions less disposals of non-produced non-financial assets	1 577	745	– 2 323	597		596	– 596
Net lending / net borrowing	48 874	2 000	2 573	6 163		59 610	– 59 610
4. Financial account							
A Change in assets	143 788	252 405	– 3 042	15 594		408 745	164 138
P Change in liabilities	98 413	250 405	– 5 596	7 153		350 375	222 508
Changes in financial net worth	45 375	2 000	2 554	8 441		58 370	– 58 370
Net lending / net borrowing	48 874	2 000	2 573	6 163		59 610	– 59 610
Statistical discrepancy	– 3 499	0	– 19	2 278		– 1 240	1 240

¹⁾ For the sectors this concerns gross value added at basic prices. For the total economy this concerns gross domestic product at market prices.

S 2.1 Transactions of the total economy

	2011	2012	2013	2014	2015	2016*
	mln euro					
Resources						
Output	1 238 414	1 255 794	1 253 792	1 267 298	1 297 667	1 319 901
Market output	1 073 717	1 088 874	1 085 128	1 094 533	1 124 030	1 145 820
Financial intermediation services indirectly measured (FISIM)	32 136	34 923	35 346	34 359	33 423	32 202
Other market output	1 041 581	1 053 951	1 049 782	1 060 174	1 090 607	1 113 618
Output for own final use	47 326	48 909	50 641	53 086	55 606	55 636
Own-account capital formation	16 735	17 037	17 244	17 807	18 788	17 538
Output for own final consumption	30 591	31 872	33 397	35 279	36 818	38 098
Non-market output	117 371	118 011	118 023	119 679	118 031	118 445
Payments for non-market output	10 943	10 712	10 490	10 690	10 878	10 953
Other non-market output	106 428	107 299	107 533	108 989	107 153	107 492
Compensation of employees	313 295	318 029	319 999	323 285	325 153	334 641
Wages and salaries	247 373	248 766	249 895	249 700	255 207	263 145
Employers' social contributions	65 922	69 263	70 104	73 585	69 946	71 496
Taxes on production and imports	69 685	68 466	71 430	75 181	76 381	81 791
Taxes on products	62 700	61 248	63 406	64 709	67 270	72 508
Value added type taxes (VAT)	41 610	41 699	42 424	42 708	44 879	48 557
Taxes and duties on imports excluding VAT	7 059	6 761	6 912	7 311	7 866	9 533
Other taxes on products	14 031	12 788	14 070	14 690	14 525	14 418
Other taxes on production	6 985	7 218	8 024	10 472	9 111	9 283
Difference imputed and paid VAT	1 885	1 420	1 938	1 578	1 622	- 172
Subsidies (-)	9 674	8 929	8 211	8 021	7 804	8 406
Subsidies on products (-)	3 405	3 364	3 139	3 109	3 043	3 270
Other subsidies on production (-)	6 269	5 565	5 072	4 912	4 761	5 136
Property income	402 052	367 128	379 359	398 653	356 082	321 724
Interest	137 086	118 191	115 240	109 594	106 785	90 933
Adjustment FISIM	- 30 465	- 42 965	- 39 370	- 38 085	- 39 726	- 38 167
Actual interest payments/receipts	167 551	161 156	154 610	147 679	146 511	129 100
Distributed income of corporations	226 472	185 096	214 835	235 678	194 909	185 117
Dividends	224 886	183 231	213 039	233 864	193 084	182 929
Withdrawals from income of quasi-corporations	1 586	1 865	1 796	1 814	1 825	2 188
Reinvested earnings on foreign direct investment	- 17 267	2 174	- 14 159	- 8 821	- 7 438	- 12 268
Other investment income	46 797	50 670	51 568	54 072	56 865	54 974
Investment income attributable to insurance policy holders	5 909	5 968	5 907	5 224	5 482	4 942
Investment income payable on pension entitlements	24 708	27 606	27 661	28 803	30 786	30 946
Investment income attributable to investment fund shareholders	16 180	17 096	18 000	20 045	20 597	19 086
Income from land and subsoil assets	8 964	10 997	11 875	8 130	4 961	2 968
Current taxes on income, wealth, etc.	68 629	65 633	65 946	71 052	78 305	81 998
Current taxes on income	61 929	58 869	59 085	63 671	70 849	74 431
Current taxes on wealth	6 700	6 764	6 861	7 381	7 456	7 567
Social contributions and benefits	272 468	286 662	295 376	297 205	293 443	302 697
Net social contributions	157 963	168 974	173 708	174 302	170 197	177 064
Social benefits other than social transfers in kind	114 505	117 688	121 668	122 903	123 246	125 633
Other current transfers	153 880	153 952	152 462	155 346	161 476	164 252
Net non-life insurance premiums	15 682	15 442	16 124	16 216	16 313	16 116
Non-life insurance claims	16 177	14 706	16 001	15 122	14 961	15 301
Current transfers within general government	100 991	103 200	99 784	103 517	109 937	113 209
Current international cooperation	147	159	106	88	131	146
Miscellaneous current transfers	20 883	20 445	20 447	20 403	20 134	19 480
VAT- and GNI-based EU own resources	0	0	0	0	0	0
Adjustment for the change in pension entitlements	20 238	23 753	25 439	24 313	22 264	20 335
Capital transfers	18 031	16 698	18 899	18 065	19 505	15 735
Capital taxes	1 538	1 383	1 731	1 525	1 614	1 845
Investment grants	8 397	7 342	7 287	6 907	7 939	6 132
Other capital transfers	8 096	7 973	9 881	9 633	9 952	7 758
Total resources	2 548 903	2 548 606	2 576 429	2 623 955	2 624 094	2 634 496
Balancing items						
Domestic product (gross) / value added (gross)	642 929	645 164	652 748	663 008	683 457	702 641
Domestic product (net) / value added (net)	535 861	537 267	543 386	552 814	571 702	588 252
Operating surplus / mixed income (gross)	263 698	261 721	263 967	266 358	283 122	287 137
Operating surplus / mixed income (net)	156 630	153 824	154 605	156 164	171 367	172 748
Primary income / national income (gross)	654 687	658 450	661 879	661 287	679 610	694 231
Primary income / national income (net)	547 619	550 553	552 517	551 093	567 855	579 842
Disposable income (gross)	645 237	649 175	650 099	650 655	668 788	686 954
Disposable income (net)	538 169	541 278	540 737	540 461	557 033	572 565
Saving (gross)	188 809	189 199	185 763	181 506	193 210	202 167
Saving (net)	81 741	81 302	76 401	71 312	81 455	87 778
Net saving and capital transfers	81 189	81 034	75 839	70 880	80 562	86 736
Net lending / net borrowing	55 001	59 467	65 082	58 457	22 542	59 610
Total financial transactions of assets	646 294	309 325	136 250	219 655	224 247	408 745
Total financial transactions of liabilities	592 921	250 332	69 496	160 542	200 898	350 375
Net lending / net borrowing of the financial account	53 373	58 993	66 754	59 113	23 349	58 370
Statistical discrepancy	- 1 628	- 474	1 672	656	807	- 1 240

¹⁾ Data of 2015 and 2016 are provisional.

	2011	2012	2013	2014	2015	2016*
	mln euro					
Uses						
Intermediate consumption	658 824	671 962	665 257	669 884	682 681	688 869
Compensation of employees	318 040	322 825	324 595	327 963	330 060	339 804
Wages and salaries	251 715	253 193	254 034	253 880	259 619	267 717
Employers' social contributions	66 325	69 632	70 561	74 083	70 441	72 087
Taxes on production and imports	71 871	70 513	73 439	77 597	79 003	84 876
Taxes on products	64 886	63 295	65 415	67 125	69 892	75 091
Other taxes on production	6 985	7 218	8 024	10 472	9 111	9 785
Subsidies (–)	10 680	9 895	9 253	8 910	8 728	9 176
Subsidies on products (–)	3 432	3 383	3 140	3 109	3 043	3 310
Other subsidies on production (–)	7 248	6 512	6 113	5 801	5 685	5 866
Property income	384 369	347 965	364 665	394 169	353 324	322 656
Interest	142 221	122 448	114 033	110 603	104 905	87 010
Adjustment FISIM	– 29 906	– 42 868	– 39 355	– 38 512	– 40 889	– 39 895
Actual interest payments/receipts	172 127	165 316	153 388	149 115	145 794	126 905
Distributed income of corporations	143 997	151 728	151 694	195 642	155 885	138 152
Dividends	141 496	148 959	148 899	192 805	153 028	135 162
Withdrawals from income of quasi-corporations	2 501	2 769	2 795	2 837	2 857	2 990
Reinvested earnings on foreign direct investment	45 248	15 374	38 372	28 664	31 737	39 955
Other investment income	43 939	47 418	48 691	51 130	55 836	54 571
Investment income attributable to insurance policy holders	6 302	6 027	5 949	5 207	5 471	4 919
Investment income payable on pension entitlements	25 154	28 085	28 148	29 341	31 367	31 528
Investment income attributable to investment fund shareholders	12 483	13 306	14 594	16 582	18 998	18 124
Income from land and subsoil assets	8 964	10 997	11 875	8 130	4 961	2 968
Current taxes on income, wealth, etc.	66 972	63 702	64 271	68 655	76 373	80 071
Current taxes on income	60 357	57 021	57 510	61 381	69 045	72 612
Current taxes on wealth	6 615	6 681	6 761	7 274	7 328	7 459
Social contributions and benefits	273 076	287 413	296 061	297 021	293 488	302 798
Net social contributions	156 343	167 331	172 008	171 892	167 756	174 645
Social benefits other than social transfers in kind	116 733	120 082	124 053	125 129	125 732	128 153
Other current transfers	164 379	164 407	165 232	168 559	174 185	173 355
Net non-life insurance premiums	15 215	14 844	15 634	15 759	15 709	15 605
Non-life insurance claims	16 660	15 211	16 516	15 698	15 558	15 853
Current transfers within general government	100 991	103 200	99 784	103 517	109 937	113 209
Current international cooperation	2 851	2 903	2 750	2 652	2 736	2 671
Miscellaneous current transfers	24 730	24 076	25 804	24 801	24 228	23 794
VAT- and GNI-based EU own resources	3 932	4 173	4 744	6 132	6 017	2 223
Adjustment for the change in pension entitlements	20 569	24 098	25 872	24 794	22 695	20 748
Final consumption expenditure	456 097	459 631	463 903	468 668	475 147	484 374
Individual consumption expenditure	400 598	404 179	407 163	411 616	418 498	426 553
Social transfers in kind	117 142	119 914	119 077	120 589	120 810	121 850
Social transfers in kind – non-market production	50 929	51 847	50 793	51 937	50 504	49 671
Social transfers in kind – purchased market production	66 213	68 067	68 284	68 652	70 306	72 179
Other individual consumption households	283 456	284 265	288 086	291 027	297 688	304 703
Collective consumption expenditure	55 499	55 452	56 740	57 052	56 649	57 821
Capital transfers	18 583	16 966	19 461	18 497	20 398	16 777
Capital taxes	1 526	1 373	1 740	1 534	1 622	1 855
Investment grants	8 184	7 156	7 071	6 694	7 575	5 831
Other capital transfers	8 873	8 437	10 650	10 269	11 201	9 091
Gross capital formation	131 928	123 587	119 027	122 455	136 175	140 919
Gross fixed capital formation	130 402	121 928	117 107	119 530	132 464	140 049
Consumption of fixed capital	107 068	107 897	109 362	110 194	111 755	114 389
Net fixed capital formation	23 334	14 031	7 745	9 336	20 709	25 660
Changes in inventories	1 174	1 287	1 487	2 633	3 349	585
Acquisitions less disposals of valuables	352	372	433	292	362	285
Acquisitions less disposals of non-produced non-financial assets	1 328	5 877	1 092	162	33 600	596
Total uses	2 555 356	2 549 051	2 573 622	2 629 514	2 668 401	2 646 667
Key figures						
Gross domestic product (% volume changes)	1.7	– 1.1	– 0.2	1.4	2.3	2.2
Gross domestic product per capita (euro)	38 515	38 506	38 844	39 313	40 346	41 248
Gross national income per capita (euro)	39 219	39 299	39 387	39 211	40 119	40 755
Gross disposable income per capita (euro)	38 653	38 745	38 686	38 580	39 480	40 327
Net lending to private sector (% GDP)	4.2	2.0	1.5	– 1.8	– 0.8	1.5
Lending to private sector, end of period (% GDP)	225.0	225.9	223.4	225.7	225.1	221.5
Labour input of employed persons (1000 full-time equivalent jobs) ¹⁾	7 099	7 055	6 972	6 964	7 037	7 132
Labour input of employees (1000 full-time equivalent jobs)	5 959	5 901	5 807	5 774	5 827	5 930
Average population (x 1000)	16 693	16 755	16 804	16 865	16 940	17 034

S 2.2 Transactions of the sector non-financial corporations

	2011	2012	2013	2014	2015	2016*
	mln euro					
Resources						
Output	881 627	894 484	891 773	898 279	926 740	944 983
Market output	872 194	884 710	881 919	887 983	915 840	935 344
Financial intermediation services indirectly measured (FISIM)						
Other market output	872 194	884 710	881 919	887 983	915 840	935 344
Output for own final use	9 433	9 774	9 854	10 296	10 900	9 639
Own-account capital formation	9 433	9 774	9 854	10 296	10 900	9 639
Output for own final consumption						
Non-market output						
Payments for non-market output						
Other non-market output						
Compensation of employees						
Wages and salaries						
Employers' social contributions						
Taxes on production and imports						
Taxes on products						
Value added type taxes (VAT)						
Taxes and duties on imports excluding VAT						
Other taxes on products						
Other taxes on production						
Difference imputed and paid VAT	1 125	1 373	1 163	947	973	- 104
Subsidies (-)						
Subsidies on products (-)						
Other subsidies on production (-)						
Property income	66 610	60 336	56 740	44 914	48 256	33 415
Interest	15 662	13 367	13 986	11 244	11 023	8 745
Adjustment FISIM	916	- 224	242	137	- 410	- 701
Actual interest payments/receipts	14 746	13 591	13 744	11 107	11 433	9 446
Distributed income of corporations	48 055	39 840	41 045	29 967	39 805	23 938
Dividends	47 869	39 669	40 862	29 591	39 633	23 766
Withdrawals from income of quasi-corporations	186	171	183	376	172	172
Reinvested earnings on foreign direct investment	2 658	6 961	1 564	3 483	- 2 906	590
Other investment income	218	153	131	206	321	138
Investment income attributable to insurance policy holders	119	125	95	109	116	90
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders	99	28	36	97	205	48
Income from land and subsoil assets	17	15	14	14	13	4
Current taxes on income, wealth, etc.						
Current taxes on income						
Current taxes on wealth						
Social contributions and benefits	7 003	7 008	6 730	6 446	6 941	7 162
Net social contributions	7 003	7 008	6 730	6 446	6 941	7 162
Social benefits other than social transfers in kind						
Other current transfers	6 428	6 195	5 729	5 633	6 030	5 468
Net non-life insurance premiums						
Non-life insurance claims	3 721	3 365	3 356	3 297	3 316	3 542
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	2 707	2 830	2 373	2 336	2 714	1 926
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Capital transfers	1 116	1 276	1 006	1 255	1 191	641
Capital taxes						
Investment grants	977	1 100	551	608	718	475
Other capital transfers	139	176	455	647	473	166
Total resources	963 909	970 672	963 141	957 474	990 131	991 565
Balancing items						
Domestic product (gross) / value added (gross)	378 713	381 757	384 705	388 346	405 641	418 016
Domestic product (net) / value added (net)	322 611	324 420	326 387	329 204	344 966	355 601
Operating surplus / mixed income (gross)	158 051	156 590	157 818	157 578	171 351	175 100
Operating surplus / mixed income (net)	101 949	99 253	99 500	98 436	110 676	112 685
Primary income / national income (gross)	137 649	143 005	130 737	118 201	140 799	141 451
Primary income / national income (net)	81 547	85 668	72 419	59 059	80 124	79 036
Disposable income (gross)	126 461	132 148	118 637	104 503	126 349	123 114
Disposable income (net)	70 359	74 811	60 319	45 361	65 674	60 699
Saving (gross)	126 461	132 148	118 637	104 503	126 349	123 114
Saving (net)	70 359	74 811	60 319	45 361	65 674	60 699
Net saving and capital transfers	71 419	76 042	61 237	46 490	66 741	61 227
Net lending / net borrowing	56 206	57 377	49 749	37 273	52 718	48 874
Total financial transactions of assets	62 644	36 998	74 967	4 806	97 174	143 788
Total financial transactions of liabilities	10 143	- 19 629	28 069	- 28 861	47 233	98 413
Net lending / net borrowing of the financial account	52 501	56 627	46 898	33 667	49 941	45 375
Statistical discrepancy	- 3 705	- 750	- 2 851	- 3 606	- 2 777	- 3 499

	2011	2012	2013	2014	2015	2016*
	mIn euro					
Uses						
Intermediate consumption	502 914	512 727	507 068	509 933	521 099	526 967
Compensation of employees	222 905	227 269	228 277	231 160	235 034	242 812
Wages and salaries	178 406	180 216	181 285	182 674	188 501	194 990
Employers' social contributions	44 499	47 053	46 992	48 486	46 533	47 822
Taxes on production and imports	4 339	4 164	4 432	5 066	4 612	4 703
Taxes on products						
Other taxes on production	4 339	4 164	4 432	5 066	4 612	4 703
Subsidies (–)	5 457	4 893	4 659	4 511	4 383	4 703
Subsidies on products (–)						
Other subsidies on production (–)	5 457	4 893	4 659	4 511	4 383	4 703
Property income	87 012	73 921	83 821	84 291	78 808	67 064
Interest	14 991	13 794	11 714	11 975	12 200	9 212
Adjustment FISIM	– 7 699	– 9 653	– 9 092	– 9 275	– 9 638	– 9 597
Actual interest payments/receipts	22 690	23 447	20 806	21 250	21 838	18 809
Distributed income of corporations	54 762	41 897	54 322	54 703	49 335	42 254
Dividends	52 261	39 128	51 527	51 866	46 478	39 264
Withdrawals from income of quasi-corporations	2 501	2 769	2 795	2 837	2 857	2 990
Reinvested earnings on foreign direct investment	8 540	7 502	6 083	9 664	12 495	12 825
Other investment income						
Investment income attributable to insurance policy holders						
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders						
Income from land and subsoil assets	8 719	10 728	11 702	7 949	4 778	2 773
Current taxes on income, wealth, etc.	10 015	9 561	10 032	11 674	12 983	16 503
Current taxes on income	10 015	9 561	10 032	11 674	12 983	16 503
Current taxes on wealth						
Social contributions and benefits	7 003	7 008	6 730	6 446	6 941	7 162
Net social contributions						
Social benefits other than social transfers in kind	7 003	7 008	6 730	6 446	6 941	7 162
Other current transfers	7 601	7 491	7 797	7 657	7 497	7 302
Net non-life insurance premiums	3 533	3 347	3 416	3 383	3 348	3 495
Non-life insurance claims						
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	4 068	4 144	4 381	4 274	4 149	3 807
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Final consumption expenditure						
Individual consumption expenditure						
Social transfers in kind						
Social transfers in kind – non-market production						
Social transfers in kind – purchased market production						
Other individual consumption households						
Collective consumption expenditure						
Capital transfers	56	45	88	126	124	113
Capital taxes						
Investment grants						
Other capital transfers	56	45	88	126	124	113
Gross capital formation	69 760	66 466	65 611	66 906	73 600	73 191
Gross fixed capital formation	68 374	65 036	63 649	64 172	70 003	72 400
Consumption of fixed capital	56 102	57 337	58 318	59 142	60 675	62 415
Net fixed capital formation	12 272	7 699	5 331	5 030	9 328	9 985
Changes in inventories	1 158	1 191	1 681	2 479	3 285	629
Acquisitions less disposals of valuables	228	239	281	255	312	162
Acquisitions less disposals of non-produced non-financial assets	1 555	9 536	4 195	1 453	1 098	1 577
Total uses	907 703	913 295	913 392	920 201	937 413	942 691
Key figures						
Gross value added (% volume changes)	2.5	– 0.8	0.6	1.6	2.9	2.6
Gross profits before taxes (mIn euro)	200 951	192 404	191 142	182 568	202 629	196 530
Profits from foreign subsidiaries (mIn euro)	42 997	41 926	35 933	28 505	30 368	20 837
Profit ratio (% value added)	41.7	41.0	41.0	40.6	42.2	41.9
Capital formation ratio (% value added)	18.1	17.0	16.5	16.5	17.3	17.3
Labour input of employees (1000 full-time equivalent jobs)	4 295	4 273	4 200	4 223	4 313	4 414

S 2.3 Transactions of the sector financial corporations

	2011	2012	2013	2014	2015	2016*
	mln euro					
Resources						
Output	76 210	77 657	76 608	77 067	74 812	71 981
Market output	75 496	76 931	75 873	76 283	73 938	71 132
Financial intermediation services indirectly measured (FISIM)	32 136	34 923	35 346	34 359	33 423	32 202
Other market output	43 360	42 008	40 527	41 924	40 515	38 930
Output for own final use	714	726	735	784	874	849
Own-account capital formation	714	726	735	784	874	849
Output for own final consumption						
Non-market output						
Payments for non-market output						
Other non-market output						
Compensation of employees						
Wages and salaries						
Employers' social contributions						
Taxes on production and imports						
Taxes on products						
Value added type taxes (VAT)						
Taxes and duties on imports excluding VAT						
Other taxes on products						
Other taxes on production						
Difference imputed and paid VAT						
Subsidies (–)						
Subsidies on products (–)						
Other subsidies on production (–)						
Property income	268 323	237 104	252 345	288 539	247 273	231 249
Interest	109 350	96 383	93 974	91 665	90 459	78 427
Adjustment FISIM	– 31 035	– 38 916	– 37 194	– 36 179	– 36 670	– 35 176
Actual interest payments/receipts	140 385	135 299	131 168	127 844	127 129	113 603
Distributed income of corporations	163 475	128 717	156 546	189 775	141 321	146 787
Dividends	163 334	128 482	156 413	189 773	141 081	146 208
Withdrawals from income of quasi-corporations	141	235	133	2	240	579
Reinvested earnings on foreign direct investment	– 19 925	– 4 787	– 15 723	– 12 304	– 4 532	– 12 858
Other investment income	15 423	16 791	17 548	19 403	20 025	18 893
Investment income attributable to insurance policy holders	313	616	606	606	551	478
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders	15 110	16 175	16 942	18 797	19 474	18 415
Income from land and subsoil assets	0	0	0	0	0	0
Current taxes on income, wealth, etc.						
Current taxes on income						
Current taxes on wealth						
Social contributions and benefits	58 338	63 335	65 808	65 500	63 162	62 059
Net social contributions	58 338	63 335	65 808	65 500	63 162	62 059
Social benefits other than social transfers in kind						
Other current transfers	18 336	17 940	19 719	19 019	18 937	18 459
Net non-life insurance premiums	15 640	15 403	16 090	16 189	16 267	16 078
Non-life insurance claims	2 431	2 273	3 327	2 485	2 371	2 033
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	265	264	302	345	299	348
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Capital transfers	65	89	1 334	63	67	149
Capital taxes						
Investment grants	0	0	0	0	0	0
Other capital transfers	65	89	1 334	63	67	149
Total resources	421 272	396 125	415 814	450 188	404 251	383 897
Balancing items						
Domestic product (gross) / value added (gross)	45 913	49 483	48 741	48 028	46 653	43 910
Domestic product (net) / value added (net)	41 591	45 436	44 656	43 972	42 596	39 763
Operating surplus / mixed income (gross)	26 359	29 447	27 501	25 804	26 202	22 969
Operating surplus / mixed income (net)	22 037	25 400	23 416	21 748	22 145	18 822
Primary income / national income (gross)	24 422	11 862	16 352	21 267	13 782	11 070
Primary income / national income (net)	20 100	7 815	12 267	17 211	9 725	6 923
Disposable income (gross)	40 782	32 958	38 371	42 743	32 827	26 347
Disposable income (net)	36 460	28 911	34 286	38 687	28 770	22 200
Saving (gross)	20 213	8 860	12 499	17 949	10 132	5 599
Saving (net)	15 891	4 813	8 414	13 893	6 075	1 452
Net saving and capital transfers	15 880	4 879	9 726	13 936	6 125	1 586
Net lending / net borrowing	15 798	8 722	9 196	16 219	– 27 735	2 000
Total financial transactions of assets	571 281	231 285	36 491	186 363	109 277	252 405
Total financial transactions of liabilities	555 483	222 563	27 295	170 144	137 012	250 405
Net lending / net borrowing of the financial account	15 798	8 722	9 196	16 219	– 27 735	2 000
Statistical discrepancy	0	0	0	0	0	0

	2011	2012	2013	2014	2015	2016*
	mln euro					
Uses						
Intermediate consumption	30 297	28 174	27 867	29 039	28 159	28 071
Compensation of employees	19 248	19 300	20 423	20 395	19 269	19 293
Wages and salaries	15 194	15 193	15 523	14 947	14 724	14 586
Employers' social contributions	4 054	4 107	4 900	5 448	4 545	4 707
Taxes on production and imports	368	793	858	1 867	1 216	1 691
Taxes on products						
Other taxes on production	368	793	858	1 867	1 216	1 691
Subsidies (–)	62	57	41	38	34	43
Subsidies on products (–)						
Other subsidies on production (–)	62	57	41	38	34	43
Property income	270 260	254 689	263 494	293 076	259 693	243 148
Interest	100 378	89 568	85 142	82 007	78 065	65 549
Adjustment FISIM	– 274	– 5 196	– 2 694	– 2 598	– 3 810	– 3 502
Actual interest payments/receipts	100 652	94 764	87 836	84 605	81 875	69 051
Distributed income of corporations	89 235	109 831	97 372	140 939	106 550	95 898
Dividends	89 235	109 831	97 372	140 939	106 550	95 898
Withdrawals from income of quasi-corporations	0	0	0	0	0	0
Reinvested earnings on foreign direct investment	36 708	7 872	32 289	19 000	19 242	27 130
Other investment income	43 939	47 418	48 691	51 130	55 836	54 571
Investment income attributable to insurance policy holders	6 302	6 027	5 949	5 207	5 471	4 919
Investment income payable on pension entitlements	25 154	28 085	28 148	29 341	31 367	31 528
Investment income attributable to investment fund shareholders	12 483	13 306	14 594	16 582	18 998	18 124
Income from land and subsoil assets						
Current taxes on income, wealth, etc.	3 213	3 151	3 315	3 590	4 070	5 455
Current taxes on income	3 213	3 151	3 315	3 590	4 070	5 455
Current taxes on wealth						
Social contributions and benefits	37 769	39 237	39 936	40 706	40 467	41 311
Net social contributions						
Social benefits other than social transfers in kind	37 769	39 237	39 936	40 706	40 467	41 311
Other current transfers	19 332	17 791	20 257	18 747	18 517	18 475
Net non-life insurance premiums	2 091	2 175	2 587	2 695	2 771	2 342
Non-life insurance claims	16 584	15 096	16 403	15 595	15 447	15 803
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	657	520	1 267	457	299	330
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements	20 569	24 098	25 872	24 794	22 695	20 748
Final consumption expenditure						
Individual consumption expenditure						
Social transfers in kind						
Social transfers in kind – non-market production						
Social transfers in kind – purchased market production						
Other individual consumption households						
Collective consumption expenditure						
Capital transfers	76	23	22	20	17	15
Capital taxes						
Investment grants						
Other capital transfers	76	23	22	20	17	15
Gross capital formation	3 663	3 152	3 107	2 274	3 789	2 988
Gross fixed capital formation	3 663	3 152	3 107	2 274	3 789	2 988
Consumption of fixed capital	4 322	4 047	4 085	4 056	4 057	4 147
Net fixed capital formation	– 659	– 895	– 978	– 1 782	– 268	– 1 159
Changes in inventories	0	0	0	0	0	0
Acquisitions less disposals of valuables	0	0	0	0	0	0
Acquisitions less disposals of non-produced non-financial assets	741	– 2 948	1 508	– 501	34 128	745
Total uses	405 474	387 403	406 618	433 969	431 986	381 897
Key figures						
Gross value added (% volume changes)	– 1.2	– 4.0	– 2.3	– 3.0	– 0.5	– 0.4
Gross profits before taxes (mln euro)	28 189	22 892	26 179	26 382	29 577	25 567
Profits from foreign subsidiaries (mln euro)	6 539	5 408	6 423	7 997	7 657	7 708
Financial net worth (mln euro)	– 75 596	– 36 736	– 8 848	2 837	– 31 024	– 73 561
Property income received (% total assets)	1.9	1.5	1.6	1.4	1.4	1.2
Property income paid (% total liabilities)	1.2	1.0	1.0	0.8	0.7	0.5
Liquidity ratio of monetary financial institutions (% total assets)	19.1	17.5	15.1	15.3	18.1	19.4
Financial assets of pension funds (mln euro)	882 067	1 017 363	1 030 713	1 273 211	1 280 514	1 401 570
Labour input of employees (1000 full-time equivalent jobs)	229	227	222	214	209	204

S 2.4 Transactions of the sector general government (consolidated)

	2011	2012	2013	2014	2015	2016*
	mln euro					
Resources						
Output	123 868	124 491	124 460	126 107	124 455	124 927
Market output	6 863	6 930	6 816	6 889	6 840	6 928
Financial intermediation services indirectly measured (FISIM)						
Other market output	6 863	6 930	6 816	6 889	6 840	6 928
Output for own final use	5 388	5 312	5 456	5 477	5 636	5 814
Own-account capital formation	5 388	5 312	5 456	5 477	5 636	5 814
Output for own final consumption						
Non-market output	111 617	112 249	112 188	113 741	111 979	112 185
Payments for non-market output	10 672	10 441	10 214	10 407	10 608	10 682
Other non-market output	100 945	101 808	101 974	103 334	101 371	101 503
Compensation of employees						
Wages and salaries						
Employers' social contributions						
Taxes on production and imports	69 685	68 466	71 430	75 181	76 381	81 791
Taxes on products	62 700	61 248	63 406	64 709	67 270	72 508
Value added type taxes (VAT)	41 610	41 699	42 424	42 708	44 879	48 557
Taxes and duties on imports excluding VAT	7 059	6 761	6 912	7 311	7 866	9 533
Other taxes on products	14 031	12 788	14 070	14 690	14 525	14 418
Other taxes on production	6 985	7 218	8 024	10 472	9 111	9 283
Difference imputed and paid VAT						
Subsidies (–)	9 674	8 929	8 211	8 021	7 804	8 406
Subsidies on products (–)	3 405	3 364	3 139	3 109	3 043	3 270
Other subsidies on production (–)	6 269	5 565	5 072	4 912	4 761	5 136
Property income	15 868	18 914	20 635	15 280	10 465	7 757
Interest	3 300	3 383	2 684	2 431	2 139	1 778
Adjustment FISIM	79	– 11	21	9	– 29	– 40
Actual interest payments/receipts	3 221	3 394	2 663	2 422	2 168	1 818
Distributed income of corporations	3 623	4 550	6 085	4 735	3 375	3 020
Dividends	3 602	4 507	6 042	4 735	3 375	3 020
Withdrawals from income of quasi-corporations	21	43	43	0	0	0
Reinvested earnings on foreign direct investment	0	0	0	0	0	0
Other investment income	23	14	18	8	8	8
Investment income attributable to insurance policy holders	0	0	0	0	0	0
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders	23	14	18	8	8	8
Income from land and subsoil assets	8 922	10 967	11 848	8 106	4 943	2 951
Current taxes on income, wealth, etc.	68 629	65 633	65 946	71 052	78 305	81 998
Current taxes on income	61 929	58 869	59 085	63 671	70 849	74 431
Current taxes on wealth	6 700	6 764	6 861	7 381	7 456	7 567
Social contributions and benefits	92 026	98 213	100 786	101 931	99 586	107 364
Net social contributions	92 026	98 213	100 786	101 931	99 586	107 364
Social benefits other than social transfers in kind						
Other current transfers	3 016	2 905	2 992	2 944	2 602	3 048
Net non-life insurance premiums	42	39	34	27	46	38
Non-life insurance claims	186	178	181	185	186	186
Current transfers within general government	0	0	0	0	0	0
Current international cooperation	147	159	106	88	131	146
Miscellaneous current transfers	2 641	2 529	2 671	2 644	2 239	2 678
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Capital transfers	1 955	1 718	2 177	1 971	2 280	2 399
Capital taxes	1 538	1 383	1 731	1 525	1 614	1 845
Investment grants	261	229	251	238	390	360
Other capital transfers	156	106	195	208	276	194
Total resources	365 373	371 411	380 215	386 445	386 270	400 878
Balancing items						
Domestic product (gross) / value added (gross)	81 064	81 883	82 615	83 201	82 467	84 061
Domestic product (net) / value added (net)	60 041	60 445	60 773	61 084	60 254	61 585
Operating surplus / mixed income (gross)	21 023	21 438	21 842	22 117	22 213	22 476
Operating surplus / mixed income (net)	0	0	0	0	0	0
Primary income / national income (gross)	85 573	89 253	95 756	95 105	92 746	96 042
Primary income / national income (net)	64 550	67 815	73 914	72 988	70 533	73 566
Disposable income (gross)	165 916	170 608	176 649	180 726	182 473	200 445
Disposable income (net)	144 893	149 170	154 807	158 609	160 260	177 969
Saving (gross)	– 1 242	733	6 391	8 740	10 796	26 763
Saving (net)	– 22 265	– 20 705	– 15 451	– 13 377	– 11 417	4 287
Net saving and capital transfers	– 24 438	– 23 274	– 18 356	– 15 222	– 13 762	2 377
Net lending / net borrowing	– 27 572	– 25 064	– 15 497	– 15 028	– 14 019	2 573
Total financial transactions of assets	– 7 301	16 827	8 793	– 1 543	– 9 456	– 3 042
Total financial transactions of liabilities	21 307	42 250	24 199	13 331	4 168	– 5 596
Net lending / net borrowing of the financial account	– 28 608	– 25 423	– 15 406	– 14 874	– 13 624	2 554
Statistical discrepancy	– 1 036	– 359	91	154	395	– 19

	2011	2012	2013	2014	2015	2016*
	mln euro					
Uses						
Intermediate consumption	42 804	42 608	41 845	42 906	41 988	40 866
Compensation of employees	59 718	60 113	60 193	60 423	59 651	60 974
Wages and salaries	44 976	44 794	44 559	44 614	44 465	45 755
Employers' social contributions	14 742	15 319	15 634	15 809	15 186	15 219
Taxes on production and imports	659	601	667	705	640	652
Taxes on products						
Other taxes on production	659	601	667	705	640	652
Subsidies (–)	336	269	87	44	37	41
Subsidies on products (–)						
Other subsidies on production (–)	336	269	87	44	37	41
Property income	11 329	10 636	9 940	9 452	8 509	7 576
Interest	11 295	10 606	9 913	9 428	8 491	7 559
Adjustment FISIM	– 1 026	– 1 581	– 1 628	– 1 678	– 1 773	– 1 760
Actual interest payments/receipts	12 321	12 187	11 541	11 106	10 264	9 319
Distributed income of corporations						
Dividends						
Withdrawals from income of quasi-corporations						
Reinvested earnings on foreign direct investment						
Other investment income	0	0	0	0	0	0
Investment income attributable to insurance policy holders	0	0	0	0	0	0
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders						
Income from land and subsoil assets	34	30	27	24	18	17
Current taxes on income, wealth, etc.	0	0	0	54	0	2
Current taxes on income	0	0	0	54	0	2
Current taxes on wealth						
Social contributions and benefits	71 365	73 419	77 003	77 552	77 816	79 201
Net social contributions						
Social benefits other than social transfers in kind	71 365	73 419	77 003	77 552	77 816	79 201
Other current transfers	11 963	11 977	11 828	12 700	12 950	8 804
Net non-life insurance premiums	186	178	181	185	186	186
Non-life insurance claims	76	115	113	103	111	50
Current transfers within general government	0	0	0	0	0	0
Current international cooperation	2 851	2 903	2 750	2 652	2 736	2 671
Miscellaneous current transfers	4 918	4 608	4 040	3 628	3 900	3 674
VAT- and GNI-based EU own resources	3 932	4 173	4 744	6 132	6 017	2 223
Adjustment for the change in pension entitlements						
Final consumption expenditure	167 158	169 875	170 258	171 986	171 677	173 682
Individual consumption expenditure	111 659	114 423	113 518	114 934	115 028	115 861
Social transfers in kind	111 659	114 423	113 518	114 934	115 028	115 861
Social transfers in kind – non-market production	45 446	46 356	45 234	46 282	44 722	43 682
Social transfers in kind – purchased market production	66 213	68 067	68 284	68 652	70 306	72 179
Other individual consumption households						
Collective consumption expenditure	55 499	55 452	56 740	57 052	56 649	57 821
Capital transfers	4 128	4 287	5 082	3 816	4 625	4 309
Capital taxes						
Investment grants	1 349	1 441	831	858	946	705
Other capital transfers	2 779	2 846	4 251	2 958	3 679	3 604
Gross capital formation	25 732	24 178	23 786	23 323	24 535	24 603
Gross fixed capital formation	25 714	24 158	23 757	23 298	24 510	24 498
Consumption of fixed capital	21 023	21 438	21 842	22 117	22 213	22 476
Net fixed capital formation	4 691	2 720	1 915	1 181	2 297	2 022
Changes in inventories	0	0	0	0	0	0
Acquisitions less disposals of valuables	18	20	29	25	25	105
Acquisitions less disposals of non-produced non-financial assets	– 1 575	– 950	– 4 803	– 1 400	– 2 065	– 2 323
Total uses	392 945	396 475	395 712	401 473	400 289	398 305
Key figures						
Gross value added (% volume changes)	– 0.1	– 0.0	0.4	0.2	– 1.7	0.1
Total revenue (% GDP)	42.7	43.2	43.9	43.9	42.8	43.8
Taxes and social security contributions (% GDP)	35.5	35.7	36.2	37.2	37.0	38.4
Total expenditure (% GDP)	47.0	47.1	46.3	46.2	44.9	43.4
Government debt (EMU) (% GDP)	61.6	66.3	67.8	68.0	64.6	61.8
Balance general government sector (EMU) (% GDP)	– 4.3	– 3.9	– 2.4	– 2.3	– 2.1	0.4
Labour input of employees (1000 full-time equivalent jobs)	1 050	1 029	1 013	1 006	971	967

S 2.5 Transactions of the sector households including non-profit institutions serving households

	2011	2012	2013	2014	2015	2016*
	mln euro					
Resources						
Output	156 709	159 162	160 951	165 845	171 660	178 010
Market output	119 164	120 303	120 520	123 378	127 412	132 416
Financial intermediation services indirectly measured (FISIM)						
Other market output	119 164	120 303	120 520	123 378	127 412	132 416
Output for own final use	31 791	33 097	34 596	36 529	38 196	39 334
Own-account capital formation	1 200	1 225	1 199	1 250	1 378	1 236
Output for own final consumption	30 591	31 872	33 397	35 279	36 818	38 098
Non-market output	5 754	5 762	5 835	5 938	6 052	6 260
Payments for non-market output	271	271	276	283	270	271
Other non-market output	5 483	5 491	5 559	5 655	5 782	5 989
Compensation of employees	313 295	318 029	319 999	323 285	325 153	334 641
Wages and salaries	247 373	248 766	249 895	249 700	255 207	263 145
Employers' social contributions	65 922	69 263	70 104	73 585	69 946	71 496
Taxes on production and imports						
Taxes on products						
Value added type taxes (VAT)						
Taxes and duties on imports excluding VAT						
Other taxes on products						
Other taxes on production						
Difference imputed and paid VAT	760	47	775	631	649	- 68
Subsidies (-)						
Subsidies on products (-)						
Other subsidies on production (-)						
Property income	50 390	50 415	49 352	49 607	49 863	49 051
Interest	7 921	4 699	4 309	3 941	2 939	1 731
Adjustment FISIM	- 425	- 3 814	- 2 439	- 2 052	- 2 617	- 2 250
Actual interest payments/receipts	8 346	8 513	6 748	5 993	5 556	3 981
Distributed income of corporations	11 319	11 989	11 159	11 201	10 408	11 372
Dividends	10 081	10 573	9 722	9 765	8 995	9 935
Withdrawals from income of quasi-corporations	1 238	1 416	1 437	1 436	1 413	1 437
Reinvested earnings on foreign direct investment						
Other investment income	31 133	33 712	33 871	34 455	36 511	35 935
Investment income attributable to insurance policy holders	5 477	5 227	5 206	4 509	4 815	4 374
Investment income payable on pension entitlements	24 708	27 606	27 661	28 803	30 786	30 946
Investment income attributable to investment fund shareholders	948	879	1 004	1 143	910	615
Income from land and subsoil assets	17	15	13	10	5	13
Current taxes on income, wealth, etc.						
Current taxes on income						
Current taxes on wealth						
Social contributions and benefits	115 101	118 106	122 052	123 328	123 754	126 112
Net social contributions	596	418	384	425	508	479
Social benefits other than social transfers in kind	114 505	117 688	121 668	122 903	123 246	125 633
Other current transfers	25 109	23 712	24 238	24 233	23 970	24 068
Net non-life insurance premiums	0	0	0	0	0	0
Non-life insurance claims	9 839	8 890	9 137	9 155	9 088	9 540
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	15 270	14 822	15 101	15 078	14 882	14 528
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements	20 238	23 753	25 439	24 313	22 264	20 335
Capital transfers	7 316	7 717	7 461	7 400	7 871	7 258
Capital taxes						
Investment grants	324	298	245	225	202	171
Other capital transfers	6 992	7 419	7 216	7 175	7 669	7 087
Total resources	688 918	700 941	710 267	718 642	725 184	739 407
Balancing items						
Domestic product (gross) / value added (gross)	73 900	70 709	72 474	77 839	80 225	85 045
Domestic product (net) / value added (net)	48 279	45 634	47 357	52 960	55 415	59 694
Operating surplus / mixed income (gross)	58 265	54 246	56 806	60 859	63 356	66 592
Operating surplus / mixed income (net)	32 644	29 171	31 689	35 980	38 546	41 241
Primary income / national income (gross)	407 043	414 330	419 034	426 714	432 283	445 668
Primary income / national income (net)	381 422	389 255	393 917	401 835	407 473	420 317
Disposable income (gross)	312 078	313 461	316 442	322 683	327 139	337 048
Disposable income (net)	286 457	288 386	291 325	297 804	302 329	311 697
Saving (gross)	43 377	47 458	48 236	50 314	45 933	46 691
Saving (net)	17 756	22 383	23 119	25 435	21 123	21 340
Net saving and capital transfers	18 328	23 387	23 232	25 676	21 458	21 546
Net lending / net borrowing	10 569	18 432	21 634	19 993	11 578	6 163
Total financial transactions of assets	19 670	24 215	15 999	30 029	27 252	15 594
Total financial transactions of liabilities	5 988	5 148	- 10 067	5 928	12 485	7 153
Net lending / net borrowing of the financial account	13 682	19 067	26 066	24 101	14 767	8 441
Statistical discrepancy	3 113	635	4 432	4 108	3 189	2 278

¹⁾ Data of 2015 and 2016 are provisional.

	2011	2012	2013	2014	2015	2016*
	mln euro					
Uses						
Intermediate consumption	82 809	88 453	88 477	88 006	91 435	92 965
Compensation of employees	16 169	16 143	15 702	15 985	16 106	16 725
Wages and salaries	13 139	12 990	12 667	11 645	11 929	12 386
Employers' social contributions	3 030	3 153	3 035	4 340	4 177	4 339
Taxes on production and imports	1 619	1 660	2 067	2 834	2 643	2 739
Taxes on products						
Other taxes on production	1 619	1 660	2 067	2 834	2 643	2 739
Subsidies (–)	1 393	1 293	1 326	1 208	1 231	1 079
Subsidies on products (–)						
Other subsidies on production (–)	1 393	1 293	1 326	1 208	1 231	1 079
Property income	14 907	8 360	7 123	7 037	6 089	4 616
Interest	14 704	8 121	6 977	6 880	5 924	4 438
Adjustment FISIM	– 20 907	– 26 438	– 25 941	– 24 961	– 25 668	– 25 036
Actual interest payments/receipts	35 611	34 559	32 918	31 841	31 592	29 474
Distributed income of corporations						
Dividends						
Withdrawals from income of quasi-corporations						
Reinvested earnings on foreign direct investment						
Other investment income						
Investment income attributable to insurance policy holders						
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders						
Income from land and subsoil assets	203	239	146	157	165	178
Current taxes on income, wealth, etc.	53 744	50 990	50 924	53 337	59 320	58 111
Current taxes on income	47 129	44 309	44 163	46 063	51 992	50 652
Current taxes on wealth	6 615	6 681	6 761	7 274	7 328	7 459
Social contributions and benefits	156 939	167 749	172 392	172 317	168 264	175 124
Net social contributions	156 343	167 331	172 008	171 892	167 756	174 645
Social benefits other than social transfers in kind	596	418	384	425	508	479
Other current transfers	24 492	23 948	25 566	25 938	25 284	25 565
Net non-life insurance premiums	9 405	9 144	9 450	9 496	9 404	9 582
Non-life insurance claims						
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	15 087	14 804	16 116	16 442	15 880	15 983
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Final consumption expenditure	288 939	289 756	293 645	296 682	303 470	310 692
Individual consumption expenditure	288 939	289 756	293 645	296 682	303 470	310 692
Social transfers in kind	5 483	5 491	5 559	5 655	5 782	5 989
Social transfers in kind – non-market production	5 483	5 491	5 559	5 655	5 782	5 989
Social transfers in kind – purchased market production						
Other individual consumption households	283 456	284 265	288 086	291 027	297 688	304 703
Collective consumption expenditure						
Capital transfers	6 744	6 713	7 348	7 159	7 536	7 052
Capital taxes	1 526	1 373	1 740	1 534	1 622	1 855
Investment grants						
Other capital transfers	5 218	5 340	5 608	5 625	5 914	5 197
Gross capital formation	32 773	29 791	26 523	29 952	34 251	40 137
Gross fixed capital formation	32 651	29 582	26 594	29 786	34 162	40 163
Consumption of fixed capital	25 621	25 075	25 117	24 879	24 810	25 351
Net fixed capital formation	7 030	4 507	1 477	4 907	9 352	14 812
Changes in inventories	16	96	– 194	154	64	– 44
Acquisitions less disposals of valuables	106	113	123	12	25	18
Acquisitions less disposals of non-produced non-financial assets	607	239	192	610	439	597
Total uses	678 349	682 509	688 633	698 649	713 606	733 244
Key figures						
Gross value added (% volume changes)	4.1	0.8	– 0.7	5.5	3.0	3.7
Real disposable income (% volume changes)	0.6	– 0.8	– 1.3	1.4	1.3	2.3
Free / individual savings (mln euro)	23 139	23 705	22 797	26 001	23 669	26 356
Savings ratio (% disposable income)	13.1	14.1	14.1	14.5	13.1	13.1
Households' capital formation ratio (% disposable income)	9.8	8.8	7.8	8.6	9.8	11.2
Savings deposits and other deposits (mln euro)	319 762	338 448	341 323	346 509	351 863	356 734
Insurance, pension and guarantee schemes (mln euro)	1 119 988	1 210 123	1 178 004	1 403 014	1 467 713	1 606 683
Pension entitlements and claims (mln euro)	954 846	1 044 256	1 016 981	1 237 680	1 313 675	1 449 704
Home mortgages; closing balance (mln euro)	666 453	670 063	652 473	649 931	655 613	664 014
Home mortgages; net lending (mln euro)	11 855	3 857	– 17 126	– 4 959	5 929	8 064
Labour input of employees (1000 full-time equivalent jobs)	385	372	372	331	334	345
Labour input of self-employed persons (1000 full-time equivalent jobs) ¹⁾	1 140	1 154	1 165	1 190	1 210	1 202
Average number of households (x 1000)	7 478	7 541	7 580	7 628	7 693	7 761

S 2.6 Transactions of the rest of the world with the Netherlands

	2011	2012	2013	2014	2015	2016*
	mln euro					
Resources						
Imports of goods and services	442 443	466 677	465 502	475 530	498 043	501 969
Imports of goods	333 823	354 312	352 043	353 737	361 853	364 210
Imports of services	108 620	112 365	113 459	121 793	136 190	137 759
Imports of services excluding FISIM	107 005	110 914	112 010	120 215	134 444	135 730
Imports of FISIM	1 615	1 451	1 449	1 578	1 746	2 029
Compensation of employees	5 829	5 872	5 611	5 625	5 922	6 216
Wages and salaries	5 223	5 300	4 964	4 957	5 242	5 426
Employers' social contributions	606	572	647	668	680	790
Taxes on production and imports	2 186	2 047	2 009	2 416	2 622	3 085
Taxes on products	2 186	2 047	2 009	2 416	2 622	2 583
Value added type taxes (VAT)	0	0	0	0	0	0
Taxes and duties on imports excluding VAT	2 146	2 030	2 008	2 286	2 487	2 583
Other taxes on products	40	17	1	130	135	0
Other taxes on production	0	0	0	0	0	502
Difference imputed and paid VAT						
Subsidies (–)	1 006	966	1 042	889	924	770
Subsidies on products (–)	27	19	1	0	0	40
Other subsidies on production (–)	979	947	1 041	889	924	730
Property income	227 356	211 297	217 034	252 404	224 182	207 722
Interest	79 165	75 308	70 909	73 325	74 331	64 418
Adjustment FISIM	– 1 842	– 1 913	– 1 649	– 1 885	– 2 099	– 1 934
Actual interest payments/receipts	81 007	77 221	72 558	75 210	76 430	66 352
Distributed income of corporations	101 772	119 585	106 788	149 289	116 864	102 507
Dividends	100 443	118 169	105 382	147 797	115 330	100 861
Withdrawals from income of quasi-corporations	1 329	1 416	1 406	1 492	1 534	1 646
Reinvested earnings on foreign direct investment	45 248	15 374	38 372	28 664	31 737	39 955
Other investment income	1 171	1 030	965	1 126	1 250	842
Investment income attributable to insurance policy holders	474	215	171	101	129	101
Investment income payable on pension entitlements	446	479	487	538	581	582
Investment income attributable to investment fund shareholders	251	336	307	487	540	159
Income from land and subsoil assets						
Current taxes on income, wealth, etc.	1 975	1 937	2 055	2 107	2 443	2 383
Current taxes on income	1 975	1 937	2 055	2 107	2 443	2 383
Current taxes on wealth						
Social contributions and benefits	2 760	2 926	2 919	2 763	3 040	3 044
Net social contributions	284	284	284	284	284	284
Social benefits other than social transfers in kind	2 476	2 642	2 635	2 479	2 756	2 760
Other current transfers	14 932	15 148	17 140	17 391	17 495	12 902
Net non-life insurance premiums	497	508	565	630	630	516
Non-life insurance claims	960	986	1 157	1 094	1 170	1 148
Current transfers within general government						
Current international cooperation	2 851	2 903	2 750	2 652	2 736	2 671
Miscellaneous current transfers	6 692	6 578	7 924	6 883	6 942	6 344
VAT- and GNI-based EU own resources	3 932	4 173	4 744	6 132	6 017	2 223
Adjustment for the change in pension entitlements	331	345	433	481	431	413
Capital transfers	1 335	1 048	1 308	1 155	1 824	1 889
Capital taxes	54	49	139	140	138	141
Investment grants	48	43	35	25	26	59
Other capital transfers	1 233	956	1 134	990	1 660	1 689
Total resources	698 141	706 331	712 969	758 983	755 078	738 853
Balancing items						
Net transactions of good and services	– 54 904	– 61 946	– 69 818	– 71 885	– 72 135	– 77 348
Surplus nation on current transactions	– 56 881	– 65 612	– 66 736	– 59 051	– 57 035	– 61 248
Net saving and capital transfers	– 56 329	– 65 344	– 66 174	– 58 619	– 56 142	– 60 206
Net lending / net borrowing	– 55 001	– 59 467	– 65 082	– 58 457	– 22 542	– 59 610
Total financial transactions of assets	341 481	169 617	227 787	120 363	140 730	164 138
Total financial transactions of liabilities	394 854	228 610	294 541	179 476	164 079	222 508
Net lending / net borrowing of the financial account	– 53 373	– 58 993	– 66 754	– 59 113	– 23 349	– 58 370
Statistical discrepancy	1 628	474	– 1 672	– 656	– 807	1 240

	2011	2012	2013	2014	2015	2016*
	mln euro					
Uses						
Exports of goods and services	497 347	528 623	535 320	547 415	570 178	579 317
Exports of goods	398 744	425 408	427 390	429 655	440 240	447 927
Exports of services	98 603	103 215	107 930	117 760	129 938	131 390
Exports of services excluding FISIM	96 429	101 667	106 466	116 609	129 355	131 089
Exports of FISIM	2 174	1 548	1 464	1 151	583	301
Compensation of employees	1 084	1 076	1 015	947	1 015	1 053
Wages and salaries	881	873	825	777	830	854
Employers' social contributions	203	203	190	170	185	199
Taxes on production and imports						
Taxes on products						
Other taxes on production						
Subsidies (–)						
Subsidies on products (–)						
Other subsidies on production (–)						
Property income	245 039	230 460	231 728	256 888	226 940	206 790
Interest	74 030	71 051	72 116	72 316	76 211	68 341
Adjustment FISIM	– 2 401	– 2 010	– 1 664	– 1 458	– 936	– 206
Actual interest payments/receipts	76 431	73 061	73 780	73 774	77 147	68 547
Distributed income of corporations	184 247	152 953	169 929	189 325	155 888	149 472
Dividends	183 833	152 441	169 522	188 856	155 386	148 628
Withdrawals from income of quasi-corporations	414	512	407	469	502	844
Reinvested earnings on foreign direct investment	– 17 267	2 174	– 14 159	– 8 821	– 7 438	– 12 268
Other investment income	4 029	4 282	3 842	4 068	2 279	1 245
Investment income attributable to insurance policy holders	81	156	129	118	140	124
Investment income payable on pension entitlements	0	0	0	0	0	0
Investment income attributable to investment fund shareholders	3 948	4 126	3 713	3 950	2 139	1 121
Income from land and subsoil assets						
Current taxes on income, wealth, etc.	3 632	3 868	3 730	4 504	4 375	4 310
Current taxes on income	3 547	3 785	3 630	4 397	4 247	4 202
Current taxes on wealth	85	83	100	107	128	108
Social contributions and benefits	2 152	2 175	2 234	2 947	2 995	2 943
Net social contributions	1 904	1 927	1 984	2 694	2 725	2 703
Social benefits other than social transfers in kind	248	248	250	253	270	240
Other current transfers	4 433	4 693	4 370	4 178	4 786	3 799
Net non-life insurance premiums	964	1 106	1 055	1 087	1 234	1 027
Non-life insurance claims	477	481	642	518	573	596
Current transfers within general government	0	0	0	0	0	0
Current international cooperation	147	159	106	88	131	146
Miscellaneous current transfers	2 845	2 947	2 567	2 485	2 848	2 030
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements	0	0	0	0	0	0
Final consumption expenditure						
Individual consumption expenditure						
Social transfers in kind						
Social transfers in kind – non-market production						
Social transfers in kind – purchased market production						
Other individual consumption households						
Collective consumption expenditure						
Capital transfers	783	780	746	723	931	847
Capital taxes	66	59	130	131	130	131
Investment grants	261	229	251	238	390	360
Other capital transfers	456	492	365	354	411	356
Gross capital formation						
Gross fixed capital formation						
Consumption of fixed capital						
Net fixed capital formation						
Changes in inventories						
Acquisitions less disposals of valuables						
Acquisitions less disposals of non-produced non-financial assets	– 1 328	– 5 877	– 1 092	– 162	– 33 600	– 596
Total uses	753 142	765 798	778 051	817 440	777 620	798 463
Key figures						
Net exports share (% GDP)	8.5	9.6	10.7	10.8	10.6	11.0
Net exports (mln euro)	54 904	61 946	69 818	71 885	72 135	77 348
Net primary income from the rest of the world (mln euro)	11 758	13 286	9 131	– 1 721	– 3 847	– 8 410
Net current transfers from the rest of the world (mln euro)	– 9 450	– 9 275	– 11 780	– 10 632	– 10 822	– 7 277
Net capital transfers from the rest of the world (mln euro)	– 552	– 268	– 562	– 432	– 893	– 1 042

S 3.1 Financial balance sheets of the total economy

	2014				2015		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	mln euro						
Assets							
Monetary gold and special drawing rights	22 254	11	2 633	0	24 898	186	82
Currency	20 491	- 2 193	0	1	18 299	- 1 472	0
Transferable deposits	376 969	8 210	6 502	87 172	478 853	79 758	6 927
Savings deposits	341 179	3 921	9	1 241	346 350	5 358	9
Other deposits	596 546	6 323	16 072	12 646	631 587	16 453	18 250
Short-term debt securities	37 954	14 868	801	430	54 053	- 10 122	1 741
Long-term debt securities	1 065 878	18 253	87 750	- 748	1 171 133	46 520	- 11 162
Short-term loans	1 008 565	93 754	30 088	22 465	1 154 872	- 44 873	32 472
Long-term loans	2 393 938	- 40 771	41 789	- 13 946	2 381 010	53 783	39 001
Equity and investment fund shares/units	4 753 177	30 036	261 171	86 842	5 131 226	55 468	129 518
Insurance, pension and standardised guarantee schemes	1 253 304	20 748	198 143	- 21 777	1 450 418	20 990	37 511
Financial derivatives and employee stock options	66 919	22 601	52 056	7 106	148 682	11 166	- 39 308
Other accounts receivable/payable	457 151	43 894	1 602	- 72 022	430 625	- 8 968	1 079
Total assets	12 394 325	219 655	698 616	109 410	13 422 006	224 247	216 120
Liabilities							
Monetary gold and special drawing rights	5 409	2	358	0	5 769	0	389
Currency	50 669	3 384	0	0	54 053	3 242	0
Transferable deposits	467 169	41 201	10 962	78 545	597 877	82 864	14 943
Savings deposits	339 219	3 856	185	1 318	344 578	5 771	220
Other deposits	588 627	- 35 303	16 175	2 056	571 555	17 805	13 854
Short-term debt securities	135 939	- 17 202	4 560	1 810	125 107	- 23 498	3 326
Long-term debt securities	1 667 618	801	66 654	4 990	1 740 063	- 30 664	14 257
Short-term loans	851 800	40 782	23 909	120 846	1 037 337	- 32 404	27 978
Long-term loans	2 092 921	- 32 421	26 175	- 50 084	2 036 591	40 277	28 968
Equity and investment fund shares/units	4 178 018	44 415	159 670	56 225	4 438 328	122 052	126 570
Insurance, pension and standardised guarantee schemes	1 252 722	20 820	197 771	- 21 753	1 449 560	21 623	37 096
Financial derivatives and employee stock options	25 344	18 151	1 141	- 3 011	41 625	6 787	- 6 391
Other accounts receivable/payable	480 269	72 056	1 886	- 67 462	486 749	- 12 957	2 667
Total liabilities	12 135 724	160 542	509 446	123 480	12 929 192	200 898	263 877
Financial net worth	258 601	59 113	189 170	- 14 070	492 814	23 349	- 47 757

S 3.2 Financial balance sheets of the sector non-financial corporations

	2014				2015		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	mln euro						
Assets							
Monetary gold and special drawing rights							
Currency	5 505	- 367	0	4	5 142	- 603	0
Transferable deposits	108 439	4 014	1 357	42 814	156 624	- 6 979	2 536
Savings deposits							
Other deposits	79 482	- 14 971	- 45	212	64 678	- 5 178	598
Short-term debt securities	11 237	- 486	0	0	10 751	- 232	170
Long-term debt securities	12 927	1 618	52	0	14 597	1 478	- 169
Short-term loans	125 502	- 13 517	3 518	10	115 513	3 715	7 593
Long-term loans	181 983	- 26 293	5 575	29	161 294	44 977	12 689
Equity and investment fund shares/units	580 801	40 758	24 934	0	646 493	62 170	- 933
Insurance, pension and standardised guarantee schemes	23 838	914	- 3 981	- 5 794	14 977	234	- 1 394
Financial derivatives and employee stock options	883	- 183	- 835	0	- 135	- 1 721	1 421
Other accounts receivable/payable	168 942	13 319	563	- 4 692	178 132	- 687	337
Total assets	1 299 539	4 806	31 138	32 583	1 368 066	97 174	22 848
Liabilities							
Monetary gold and special drawing rights							
Currency							
Transferable deposits							
Savings deposits							
Other deposits							
Short-term debt securities	4 737	283	0	0	5 020	- 1 645	0
Long-term debt securities	66 769	- 1 561	2 104	- 21	67 291	7 182	- 147
Short-term loans	242 959	- 17 670	5 927	42 737	273 953	- 21 025	9 531
Long-term loans	474 742	- 17 226	9 451	- 5 467	461 500	7 573	12 449
Equity and investment fund shares/units	912 919	2 982	32 295	619	948 815	57 479	50 442
Insurance, pension and standardised guarantee schemes	0	96	- 96	0	0	11	- 11
Financial derivatives and employee stock options	380	- 2	121	32	531	21	- 111
Other accounts receivable/payable	125 643	4 237	15	- 616	129 279	- 2 363	126
Total liabilities	1 828 149	- 28 861	49 817	37 284	1 886 389	47 233	72 279
Financial net worth	- 528 610	33 667	- 18 679	- 4 701	- 518 323	49 941	- 49 431

2015	2016*					
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	
mIn euro						
0	25 166	- 286	2 460	0	27 340	Assets
0	16 827	- 1 373	0	0	15 454	Monetary gold and special drawing rights
- 8 870	556 668	52 705	546	213	610 132	Currency
0	351 717	4 984	9	0	356 710	Transferable deposits
1 469	667 759	59 988	- 2 094	- 2 456	723 197	Savings deposits
102	45 774	8 522	401	- 299	54 398	Other deposits
- 153	1 206 338	21 870	31 363	- 273	1 259 298	Short-term debt securities
4 358	1 146 829	- 26 689	6 151	- 2 726	1 123 565	Long-term debt securities
17 986	2 491 780	67 881	1 735	- 3 133	2 558 263	Short-term loans
120 542	5 436 754	190 960	175 828	13 763	5 817 305	Long-term loans
1 527	1 510 446	16 437	118 247	822	1 645 952	Equity and investment fund shares/units
- 15 465	105 075	1 955	22 708	- 10 000	119 738	Insurance, pension and standardised guarantee schemes
579	423 315	11 791	345	- 1 020	434 431	Financial derivatives and employee stock options
						Other accounts receivable/payable
122 075	13 984 448	408 745	357 699	- 5 109	14 745 783	Total assets
						Liabilities
0	6 158	0	9	0	6 167	Monetary gold and special drawing rights
0	57 295	2 239	0	0	59 534	Currency
- 307	695 377	92 467	1 183	- 55	788 972	Transferable deposits
0	350 569	4 914	- 19	0	355 464	Savings deposits
162	603 376	33 875	369	- 1 306	636 314	Other deposits
9 309	114 244	6 940	- 873	607	120 918	Short-term debt securities
- 10 272	1 713 384	8 079	9 340	- 2	1 730 801	Long-term debt securities
- 53 733	979 178	- 5 681	5 560	- 641	978 416	Short-term loans
69 709	2 175 545	3 113	6 824	3 904	2 189 386	Long-term loans
69 515	4 756 465	185 851	133 300	36 150	5 111 766	Equity and investment fund shares/units
1 530	1 509 809	20 337	117 503	822	1 648 471	Insurance, pension and standardised guarantee schemes
- 17 179	24 842	18 139	- 1 244	- 9 899	31 838	Financial derivatives and employee stock options
2 124	478 583	- 19 898	967	154	459 806	Other accounts receivable/payable
70 858	13 464 825	350 375	272 919	29 734	14 117 853	Total liabilities
51 217	519 623	58 370	84 780	- 34 843	627 930	Financial net worth

2015	2016*					
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	
mIn euro						
2	4 541	- 362	0	0	4 179	Assets
0	152 181	14 503	128	- 1	166 811	Monetary gold and special drawing rights
6 091	66 189	1 934	- 1 525	0	66 598	Currency
0	10 689	- 900	0	0	9 789	Transferable deposits
0	15 906	- 1 289	0	0	14 617	Savings deposits
7 105	133 926	3 629	867	0	138 422	Other deposits
33 840	252 800	4 786	- 940	0	256 646	Short-term debt securities
6 403	714 133	116 566	- 3 793	0	826 906	Long-term debt securities
- 2 738	11 079	1 014	989	- 376	12 706	Short-term loans
0	- 435	2 781	- 2 451	0	- 105	Long-term loans
2 083	179 865	1 126	- 9	- 7	180 975	Equity and investment fund shares/units
52 786	1 540 874	143 788	- 6 734	- 384	1 677 544	Insurance, pension and standardised guarantee schemes
						Financial derivatives and employee stock options
						Other accounts receivable/payable
						Total assets
						Liabilities
372	3 747	- 398	0	0	3 349	Monetary gold and special drawing rights
1 691	76 017	10 748	5 318	0	92 083	Currency
463	262 922	- 16 227	2 321	- 720	248 296	Transferable deposits
34 841	516 363	3 912	1 540	- 997	520 818	Savings deposits
17 547	1 074 283	99 747	16 475	0	1 190 505	Other deposits
0	0	80	- 80	0	0	Short-term debt securities
0	441	47	79	0	567	Long-term debt securities
2 122	129 164	504	17	22	129 707	Short-term loans
57 036	2 062 937	98 413	25 670	- 1 695	2 185 325	Long-term loans
- 4 250	- 522 063	45 375	- 32 404	1 311	- 507 781	Equity and investment fund shares/units
						Insurance, pension and standardised guarantee schemes
						Financial derivatives and employee stock options
						Other accounts receivable/payable
						Total liabilities
						Financial net worth

S 3.3 Financial balance sheets of the sector financial corporations

	2014				2015		
	Opening	Financial	Price changes	Other	Closing	Financial	Price changes
	balance sheet	transactions	and revaluations	volume changes	balance sheet	transactions	and revaluations
	mln euro						
Assets							
Monetary gold and special drawing rights	22 254	11	2 633	0	24 898	186	82
Currency	2 557	- 308	0	0	2 249	- 13	0
Transferable deposits	201 012	1 236	5 042	43 943	251 233	77 615	4 276
Savings deposits							
Other deposits	508 979	22 747	16 095	12 326	560 147	23 243	17 632
Short-term debt securities	26 217	15 228	786	405	42 636	- 9 901	1 634
Long-term debt securities	1 025 470	24 287	87 128	- 735	1 136 150	47 708	- 11 168
Short-term loans	850 978	101 708	26 570	22 445	1 001 701	- 48 234	24 879
Long-term loans	2 132 549	- 15 981	36 338	- 13 977	2 138 929	10 452	26 275
Equity and investment fund shares/units	3 846 525	- 8 999	224 762	86 860	4 149 148	- 3 468	115 861
Insurance, pension and standardised guarantee schemes	51 462	- 4 004	509	- 15 540	32 427	- 332	- 340
Financial derivatives and employee stock options	55 754	23 831	37 963	7 058	124 606	18 717	- 40 720
Other accounts receivable/payable	181 088	26 607	957	- 69 388	139 264	- 6 696	777
Total assets	8 904 845	186 363	438 783	73 397	9 603 388	109 277	139 188
Liabilities							
Monetary gold and special drawing rights	5 409	2	358	0	5 769	0	389
Currency	50 669	3 384	0	0	54 053	3 242	0
Transferable deposits	452 399	39 341	10 962	78 545	581 247	75 011	14 943
Savings deposits	339 219	3 856	185	1 318	344 578	5 771	220
Other deposits	583 483	- 33 477	16 175	2 056	568 237	18 225	13 854
Short-term debt securities	105 132	- 13 745	3 805	1 810	97 002	- 12 701	3 200
Long-term debt securities	1 247 594	- 10 771	35 946	5 011	1 277 780	- 37 580	19 072
Short-term loans	526 518	53 762	17 966	77 395	675 641	- 9 781	18 415
Long-term loans	823 788	- 9 553	16 104	- 46 953	783 386	20 020	16 218
Equity and investment fund shares/units	3 265 099	41 433	127 375	55 606	3 489 513	64 573	76 128
Insurance, pension and standardised guarantee schemes	1 252 722	20 724	197 867	- 21 753	1 449 560	21 612	37 107
Financial derivatives and employee stock options	24 951	18 170	1 003	- 3 043	41 081	6 776	- 6 291
Other accounts receivable/payable	236 710	57 018	1 515	- 62 539	232 704	- 18 156	2 550
Total liabilities	8 913 693	170 144	429 261	87 453	9 600 551	137 012	195 805
Financial net worth	- 8 848	16 219	9 522	- 14 056	2 837	- 27 735	- 56 617

S 3.4 Financial balance sheets of the sector general government (consolidated)

	2014				2015		
	Opening	Financial	Price changes	Other	Closing	Financial	Price changes
	balance sheet	transactions	and revaluations	volume changes	balance sheet	transactions	and revaluations
	mln euro						
Assets							
Monetary gold and special drawing rights							
Currency	53	- 13	0	- 3	37	- 3	0
Transferable deposits	7 867	- 1 273	0	- 324	6 270	544	0
Savings deposits							
Other deposits	3 549	422	22	108	4 101	- 1 183	20
Short-term debt securities	452	106	8	25	591	- 29	- 65
Long-term debt securities	13 705	- 4 914	369	- 13	9 147	- 922	199
Short-term loans	1 932	- 355	0	12	1 589	- 22	0
Long-term loans	65 791	680	- 124	- 9	66 338	- 3 883	36
Equity and investment fund shares/units	90 275	- 1 451	367	- 18	89 173	- 4 527	9 854
Insurance, pension and standardised guarantee schemes	0	0	0	0	0	0	0
Financial derivatives and employee stock options	9 714	- 1 035	14 940	0	23 619	- 5 753	25
Other accounts receivable/payable	45 167	1 827	51	- 62	46 983	- 2 235	- 40
Total assets	238 505	- 6 006	15 633	- 284	247 848	- 18 013	10 029
Liabilities							
Monetary gold and special drawing rights							
Currency							
Transferable deposits	510	- 200	0	0	310	881	0
Savings deposits							
Other deposits	752	64	0	0	816	- 4	0
Short-term debt securities	26 070	- 3 740	755	0	23 085	- 9 163	126
Long-term debt securities	351 806	13 221	28 584	0	393 611	- 55	- 4 688
Short-term loans	25 769	649	0	- 136	26 282	- 3	0
Long-term loans	67 623	- 1 886	101	- 18	65 820	- 416	24
Equity and investment fund shares/units							
Insurance, pension and standardised guarantee schemes	0	0	0	0	0	0	0
Financial derivatives and employee stock options	0	0	0	0	0	0	0
Other accounts receivable/payable	27 632	760	356	- 188	28 560	4 371	- 7
Total liabilities	500 162	8 868	29 796	- 342	538 484	- 4 389	- 4 545
Financial net worth	- 261 657	- 14 874	- 14 163	58	- 290 636	- 13 624	14 574

2015		2016*			
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
mIn euro					
0	25 166	- 286	2 460	0	27 340
0	2 236	- 247	0	0	1 989
- 8 634	324 490	28 400	394	609	353 893
- 4 794	596 228	58 842	- 586	- 2 456	652 028
198	34 567	9 566	400	- 299	44 234
- 102	1 172 588	24 948	31 139	- 272	1 228 403
- 2 677	975 669	- 26 370	5 284	- 2 726	951 857
- 16 292	2 159 364	64 340	2 675	274	2 226 653
113 343	4 374 884	82 181	168 600	13 041	4 638 706
- 101	31 654	- 4 615	- 14	- 462	26 563
- 15 465	87 138	5 655	20 934	- 10 000	103 727
- 1 506	131 839	9 991	360	17	142 207
63 970	9 915 823	252 405	231 646	- 2 274	10 397 600
0	6 158	0	9	0	6 167
0	57 295	2 239	0	0	59 534
- 307	670 894	86 087	1 183	- 55	758 109
0	350 569	4 914	- 19	0	355 464
162	600 478	34 909	369	- 1 306	634 450
8 937	96 438	4 821	- 938	607	100 928
- 12 018	1 247 254	3 527	- 2 993	2 366	1 250 154
- 54 953	629 322	18 458	3 233	382	651 395
35 409	855 033	- 9 731	4 529	5 271	855 102
51 968	3 682 182	86 104	116 825	36 150	3 921 261
1 530	1 509 809	20 257	117 583	822	1 648 471
- 17 179	24 387	18 106	- 1 347	- 9 899	31 247
- 70	217 028	- 19 286	937	200	198 879
13 479	9 946 847	250 405	239 371	34 538	10 471 161
50 491	- 31 024	2 000	- 7 725	- 36 812	- 73 561
Assets					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total assets					
Liabilities					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total liabilities					
Financial net worth					

2015		2016*			
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
mIn euro					
- 2	32	13	0	0	45
- 236	6 578	998	0	- 395	7 181
172	3 110	135	17	0	3 262
- 104	393	- 150	0	0	243
- 38	8 386	- 759	96	- 1	7 722
- 1 279	288	- 5	0	0	283
405	62 896	- 1 615	0	- 3 407	57 874
796	95 296	- 3 004	6 509	722	99 523
0	0	0	0	0	0
0	17 891	- 6 512	4 205	0	15 584
0	44 708	7 458	0	23	52 189
- 286	239 578	- 3 441	10 827	- 3 058	243 906
0	1 191	2 230	0	0	3 421
0	812	- 233	0	0	579
- 8	14 040	2 517	65	0	16 622
68	388 936	- 6 113	7 012	- 2 368	387 467
- 154	26 125	- 1 941	0	0	24 184
- 48	65 380	- 537	44	0	64 887
0	0	0	0	0	0
0	0	0	0	0	0
83	33 007	- 1 918	0	985	32 074
- 59	529 491	- 5 995	7 121	- 1 383	529 234
- 227	- 289 913	2 554	3 706	- 1 675	- 285 328
Assets					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total assets					
Liabilities					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total liabilities					
Financial net worth					

S 3.5 Financial balance sheets of the sector households including NPIs serving households

	2014				2015		
	Opening	Financial	Price changes	Other	Closing	Financial	Price changes
	balance sheet	transactions	and revaluations	volume changes	balance sheet	transactions	and revaluations
	mln euro						
Assets							
Monetary gold and special drawing rights							
Currency	12 376	- 1 505	0	0	10 871	- 853	0
Transferable deposits	45 391	2 173	103	739	48 406	1 606	115
Savings deposits	341 179	3 921	9	1 241	346 350	5 358	9
Other deposits	144	15	0	0	159	- 13	0
Short-term debt securities	48	20	7	0	75	29	2
Long-term debt securities	12 327	- 2 650	181	0	9 858	- 1 533	- 44
Short-term loans	27	247	0	5	279	141	0
Long-term loans	2 542	16	0	0	2 558	- 37	1
Equity and investment fund shares/units	235 576	- 272	11 108	0	246 412	1 293	4 736
Insurance, pension and standardised guarantee schemes	1 178 004	23 838	201 615	- 443	1 403 014	21 088	39 245
Financial derivatives and employee stock options	568	- 12	- 12	48	592	- 77	- 34
Other accounts receivable/payable	35 848	4 197	31	1 951	42 027	70	5
Total assets	1 864 030	29 988	213 042	3 541	2 110 601	27 072	44 035
Liabilities							
Monetary gold and special drawing rights							
Currency							
Transferable deposits							
Savings deposits							
Other deposits							
Short-term debt securities	0	0	0	0	0	0	0
Long-term debt securities	0	0	0	0	0	0	0
Short-term loans	26 428	- 1 630	16	857	25 671	- 1 122	32
Long-term loans	715 695	- 4 563	519	2 343	713 994	10 826	277
Equity and investment fund shares/units							
Insurance, pension and standardised guarantee schemes	0	0	0	0	0	0	0
Financial derivatives and employee stock options	13	- 17	17	0	13	- 10	11
Other accounts receivable/payable	64 178	12 097	0	- 4 288	71 987	2 611	- 2
Total liabilities	806 314	5 887	552	- 1 088	811 665	12 305	318
Financial net worth	1 057 716	24 101	212 490	4 629	1 298 936	14 767	43 717

S 3.6 Financial balance sheets of the rest of the world with the Netherlands

	2014				2015		
	Opening	Financial	Price changes	Other	Closing	Financial	Price changes
	balance sheet	transactions	and revaluations	volume changes	balance sheet	transactions	and revaluations
	mln euro						
Assets							
Monetary gold and special drawing rights	5 409	2	358	0	5 769	0	389
Currency	30 427	5 439	0	0	35 866	4 602	0
Transferable deposits	176 209	34 955	9 219	4 515	224 898	28 200	11 961
Savings deposits	12 580	60	176	77	12 893	517	211
Other deposits	309 377	- 20 089	15 164	138	304 590	7 334	12 909
Short-term debt securities	120 913	- 17 612	4 074	635	108 010	- 20 680	3 067
Long-term debt securities	1 277 610	4 781	46 078	4 953	1 333 422	- 37 881	18 090
Short-term loans	519 425	37 120	17 113	47 557	621 215	996	14 917
Long-term loans	773 669	- 13 763	18 274	- 48 797	729 383	31 484	20 004
Equity and investment fund shares/units	2 846 841	46 181	61 452	45 375	2 999 849	136 491	71 494
Insurance, pension and standardised guarantee schemes	4 398	370	- 372	24	4 420	277	- 435
Financial derivatives and employee stock options	22 866	18 995	- 48 344	- 1 545	- 8 028	- 7 467	26 477
Other accounts receivable/payable	146 079	23 924	1 572	- 15 471	156 104	- 3 143	2 633
Total assets	6 245 803	120 363	124 764	37 461	6 528 391	140 730	181 717
Liabilities							
Monetary gold and special drawing rights	5 099	11	338	0	5 448	186	368
Currency	249	- 138	0	1	112	- 112	0
Transferable deposits	86 009	1 964	4 759	13 142	105 874	25 094	3 945
Savings deposits	14 540	125	0	0	14 665	104	0
Other deposits	317 296	21 537	15 061	10 728	364 622	5 982	17 305
Short-term debt securities	22 928	14 458	315	- 745	36 956	- 7 304	1 482
Long-term debt securities	675 870	22 233	67 174	- 785	764 492	39 303	- 7 329
Short-term loans	676 190	90 092	23 292	- 50 824	738 750	- 11 473	19 411
Long-term loans	1 074 686	- 22 113	33 888	- 12 659	1 073 802	44 990	30 037
Equity and investment fund shares/units	3 422 000	31 802	162 953	75 992	3 692 747	69 907	74 442
Insurance, pension and standardised guarantee schemes	4 980	298	0	0	5 278	- 356	- 20
Financial derivatives and employee stock options	64 441	23 445	2 571	8 572	99 029	- 3 088	- 6 440
Other accounts receivable/payable	122 961	- 4 238	1 288	- 20 031	99 980	846	1 045
Total liabilities	6 487 249	179 476	311 639	23 391	7 001 755	164 079	134 246
Financial net worth	- 241 446	- 59 113	- 186 875	14 070	- 473 364	- 23 349	47 471

2015		2016*			
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
mln euro					
0	10 018	– 777	0	0	9 241
0	50 127	4 654	24	0	54 805
0	351 717	4 984	9	0	356 710
0	146	– 122	0	0	24
0	106	6	1	0	113
0	8 281	– 947	125	0	7 459
0	420	– 347	0	0	73
12	2 534	– 16	0	0	2 518
0	252 441	– 4 783	4 512	0	252 170
4 366	1 467 713	20 038	117 272	1 660	1 606 683
0	481	31	20	0	532
0	42 102	– 7 114	– 6	0	34 982
4 378	2 186 086	15 607	121 957	1 660	2 325 310
Assets					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total assets					
Liabilities					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total liabilities					
Financial net worth					

2015		2016*			
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
mln euro					
0	6 158	0	9	0	6 167
0	40 468	3 629	0	0	44 097
0	265 059	31 778	722	0	297 559
0	13 621	40	– 28	0	13 633
0	324 833	11 712	90	0	336 635
9 405	99 802	6 011	– 1 040	897	105 670
– 10 254	1 303 377	– 16 933	2 259	0	1 288 703
– 52 560	584 568	18 858	4 835	382	608 643
45 599	826 470	– 10 557	6 156	5 271	827 340
47 422	3 255 256	105 514	68 573	34 005	3 463 348
3	4 265	744	– 744	0	4 265
– 14 704	– 3 722	32 423	– 24 474	– 9 899	– 5 672
1 666	157 260	– 19 081	889	149	139 217
26 577	6 877 415	164 138	57 247	30 805	7 129 605
Assets					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total assets					
Liabilities					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities					
Long-term debt securities					
Short-term loans					
Long-term loans					
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes					
Financial derivatives and employee stock options					
Other accounts receivable/payable					
Total liabilities					
Financial net worth					

S 4.1 Balance sheets of the total economy

	2013	2013	2014	2015	2016*
	Opening balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet
	mln euro				
Non-financial assets					
Fixed assets	2 019 344	2 023 296	2 012 039	2 000 991	2 028 742
Dwellings	907 849	893 656	869 302	846 785	856 427
Buildings other than dwellings	368 540	373 587	374 313	367 254	366 604
Other structures	350 285	359 837	366 277	368 718	374 002
Transfer costs of ground	13 984	13 975	14 993	16 417	17 817
Transport equipment	55 491	56 055	56 342	59 852	62 659
Passenger cars	20 974	21 194	21 243	22 321	22 330
Other vehicles	8 229	8 190	8 216	8 656	9 778
Trains and trams	6 419	6 602	6 724	6 678	6 792
Ships	13 809	14 253	14 513	14 732	14 774
Aircraft	6 060	5 816	5 647	7 465	8 986
Computers and peripheral equipment	11 359	11 626	11 692	12 390	13 198
Telecommunication equipment	1 864	1 970	2 074	2 152	2 347
Machinery and installations	171 993	172 887	174 517	179 768	183 126
Other material assets	27 960	27 077	26 408	26 236	26 417
Cultivated biological resources	2 920	2 640	2 753	2 725	2 699
Research and development	64 077	65 209	66 472	68 234	70 156
Computer software and databases	36 232	37 562	39 257	42 512	45 173
Other intellectual property products	6 791	7 214	7 636	7 948	8 116
Inventories	102 658	101 413	100 792	101 108	100 334
Land	984 413	886 026	924 895	1 005 974	1 089 714
Land underlying dwellings	747 516	664 072	712 076	790 874	878 331
Land underlying non-residential buildings	145 262	128 649	115 333	115 341	108 005
Land under cultivation	91 635	93 305	97 486	99 760	103 377
Oil and gas reserves ¹⁾	175 235	154 721	124 185	102 770	41 270
Total non-financial assets	3 281 650	3 165 456	3 161 910	3 210 844	3 260 059
Financial assets/liabilities					
Assets					
Monetary gold and special drawing rights	30 267	22 254	24 898	25 166	27 340
Currency	20 763	20 491	18 299	16 827	15 454
Transferable deposits	426 923	376 969	478 853	556 668	610 132
Savings deposits	338 329	341 179	346 350	351 717	356 710
Other deposits	725 119	596 546	631 587	667 759	723 197
Short-term debt securities	44 798	37 954	54 053	45 774	54 398
Long-term debt securities	1 099 408	1 065 878	1 171 133	1 206 338	1 259 298
Short-term loans	981 227	1 008 565	1 154 872	1 146 829	1 123 565
Long-term loans	2 443 673	2 393 938	2 381 010	2 491 780	2 558 263
Equity and investment fund shares/units	4 466 382	4 753 177	5 131 226	5 436 754	5 817 305
Insurance, pension and standardised guarantee schemes	1 272 524	1 253 304	1 450 418	1 510 446	1 645 952
Financial derivatives and employee stock options	94 612	66 919	148 682	105 075	119 738
Other accounts receivable/payable	455 879	457 151	430 625	423 315	434 431
Total financial assets	12 399 904	12 394 325	13 422 006	13 984 448	14 745 783
Liabilities					
Monetary gold and special drawing rights	5 638	5 409	5 769	6 158	6 167
Currency	48 379	50 669	54 053	57 295	59 534
Transferable deposits	523 543	467 169	597 877	695 377	788 972
Savings deposits	336 924	339 219	344 578	350 569	355 464
Other deposits	712 893	588 627	571 555	603 376	636 314
Short-term debt securities	156 707	135 939	125 107	114 244	120 918
Long-term debt securities	1 716 997	1 667 618	1 740 063	1 713 384	1 730 801
Short-term loans	858 334	851 800	1 037 337	979 178	978 416
Long-term loans	2 025 956	2 092 921	2 036 591	2 175 545	2 189 386
Equity and investment fund shares/units	3 991 761	4 178 018	4 438 328	4 756 465	5 111 766
Insurance, pension and standardised guarantee schemes	1 275 089	1 252 722	1 449 560	1 509 809	1 648 471
Financial derivatives and employee stock options	25 411	25 344	41 625	24 842	31 838
Other accounts receivable/payable	506 958	480 269	486 749	478 583	459 806
Total liabilities	12 184 590	12 135 724	12 929 192	13 464 825	14 117 853
Financial net worth	215 314	258 601	492 814	519 623	627 930
Net worth	3 496 964	3 424 057	3 654 724	3 730 467	3 887 989

¹⁾ The extraction ceiling for natural gas in the Groningen gas field for 2016 onwards had not yet been decided by the authorities when compiling these figures. Therefore Statistics Netherlands has used the future extraction profile based on the last known mining plans and extraction ceiling.

S 4.2 Balance sheets of sector non-financial corporations

	2013	2013	2014	2015	2016*
	Opening balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet
	mln euro				
Non-financial assets					
Fixed assets	757 302	766 120	770 376	776 853	792 151
Dwellings	160 343	158 445	153 343	147 639	148 736
Buildings other than dwellings	212 043	215 232	215 776	213 031	213 137
Other structures	89 748	93 599	96 880	98 873	102 282
Transfer costs of ground	6 177	6 075	6 428	7 110	7 612
Transport equipment	45 722	46 366	46 938	50 279	53 139
Passenger cars	18 063	18 217	18 388	19 337	19 385
Other vehicles	6 037	5 978	6 060	6 465	7 480
Trains and trams	6 419	6 602	6 724	6 678	6 792
Ships	9 866	10 414	10 767	11 043	11 159
Aircraft	5 337	5 154	4 999	6 756	8 324
Computers and peripheral equipment	6 330	6 449	6 627	7 413	8 054
Telecommunication equipment	929	988	1 038	1 084	1 178
Machinery and installations	148 722	150 034	152 202	156 768	160 148
Other material assets	17 594	17 155	16 869	16 919	17 115
Cultivated biological resources	577	556	590	620	624
Research and development	41 735	42 464	43 304	44 456	45 646
Computer software and databases	21 057	22 000	23 200	25 169	26 834
Other intellectual property products	6 324	6 757	7 183	7 492	7 647
Inventories	93 813	93 276	92 196	93 117	92 322
Land	232 619	208 790	210 449	223 734	234 844
Land underlying dwellings	132 711	118 179	125 941	138 172	152 638
Land underlying non-residential buildings	83 954	74 595	67 048	66 913	62 805
Land under cultivation	15 954	16 017	17 460	18 649	19 402
Oil and gas reserves ¹⁾	0	0	0	0	0
Total non-financial assets	1 083 733	1 068 187	1 073 021	1 093 705	1 119 317
Financial assets/liabilities					
Assets					
Monetary gold and special drawing rights					
Currency	5 388	5 505	5 142	4 541	4 179
Transferable deposits	101 645	108 439	156 624	152 181	166 811
Savings deposits					
Other deposits	75 303	79 482	64 678	66 189	66 598
Short-term debt securities	10 397	11 237	10 751	10 689	9 789
Long-term debt securities	11 966	12 927	14 597	15 906	14 617
Short-term loans	129 596	125 502	115 513	133 926	138 422
Long-term loans	168 154	181 983	161 294	252 800	256 646
Equity and investment fund shares/units	530 860	580 801	646 493	714 133	826 906
Insurance, pension and standardised guarantee schemes	16 133	23 838	14 977	11 079	12 706
Financial derivatives and employee stock options	1 089	883	– 135	– 435	– 105
Other accounts receivable/payable	161 863	168 942	178 132	179 865	180 975
Total financial assets	1 212 394	1 299 539	1 368 066	1 540 874	1 677 544
Liabilities					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities	3 886	4 737	5 020	3 747	3 349
Long-term debt securities	68 448	66 769	67 291	76 017	92 083
Short-term loans	259 986	242 959	273 953	262 922	248 296
Long-term loans	455 972	474 742	461 500	516 363	520 818
Equity and investment fund shares/units	861 355	912 919	948 815	1 074 283	1 190 505
Insurance, pension and standardised guarantee schemes	16	0	0	0	0
Financial derivatives and employee stock options	489	380	531	441	567
Other accounts receivable/payable	129 082	125 643	129 279	129 164	129 707
Total liabilities	1 779 234	1 828 149	1 886 389	2 062 937	2 185 325
Financial net worth	– 566 840	– 528 610	– 518 323	– 522 063	– 507 781
Net worth	516 893	539 577	554 698	571 642	611 536

¹⁾ The extraction ceiling for natural gas in the Groningen gas field for 2016 onwards had not yet been decided by the authorities when compiling these figures. Therefore Statistics Netherlands has used the future extraction profile based on the last known mining plans and extraction ceiling.

S 4.3 Balance sheets of sector financial corporations

	2013	2013	2014	2015	2016*
	Opening balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet
	mln euro				
Non-financial assets					
Fixed assets	45 874	44 477	42 198	40 139	39 695
Dwellings	23 114	22 746	21 354	20 062	20 403
Buildings other than dwellings	11 783	10 814	9 765	8 676	7 484
Other structures	74	71	70	67	67
Transfer costs of ground	3 130	3 063	3 078	3 026	3 084
Transport equipment	294	281	275	272	272
Passenger cars	246	242	241	242	245
Other vehicles	48	39	34	29	27
Trains and trams	0	0	0	0	0
Ships	0	0	0	0	0
Aircraft	0	0	0	0	0
Computers and peripheral equipment	1 251	1 280	1 258	1 220	1 195
Telecommunication equipment	192	190	199	204	230
Machinery and installations	215	203	195	194	187
Other material assets	420	420	407	385	368
Cultivated biological resources	0	0	0	0	0
Research and development	707	704	724	753	789
Computer software and databases	4 596	4 622	4 810	5 232	5 578
Other intellectual property products	98	81	64	50	38
Inventories	0	0	0	0	0
Land	29 677	26 522	26 501	27 903	29 851
Land underlying dwellings	19 630	17 383	17 976	19 288	21 545
Land underlying non-residential buildings	4 495	3 578	2 864	2 673	2 154
Land under cultivation	5 552	5 561	5 662	5 942	6 152
Oil and gas reserves ¹⁾	0	0	0	0	0
Total non-financial assets	75 551	70 999	68 699	68 042	69 546
Financial assets/liabilities					
Assets					
Monetary gold and special drawing rights	30 267	22 254	24 898	25 166	27 340
Currency	2 405	2 557	2 249	2 236	1 989
Transferable deposits	255 714	201 012	251 233	324 490	353 893
Savings deposits					
Other deposits	642 608	508 979	560 147	596 228	652 028
Short-term debt securities	33 502	26 217	42 636	34 567	44 234
Long-term debt securities	1 049 965	1 025 470	1 136 150	1 172 588	1 228 403
Short-term loans	827 319	850 978	1 001 701	975 669	951 857
Long-term loans	2 204 521	2 132 549	2 138 929	2 159 364	2 226 653
Equity and investment fund shares/units	3 617 464	3 846 525	4 149 148	4 374 884	4 638 706
Insurance, pension and standardised guarantee schemes	46 268	51 462	32 427	31 654	26 563
Financial derivatives and employee stock options	80 290	55 754	124 606	87 138	103 727
Other accounts receivable/payable	185 720	181 088	139 264	131 839	142 207
Total financial assets	8 976 043	8 904 845	9 603 388	9 915 823	10 397 600
Liabilities					
Monetary gold and special drawing rights	5 638	5 409	5 769	6 158	6 167
Currency	48 379	50 669	54 053	57 295	59 534
Transferable deposits	512 254	452 399	581 247	670 894	758 109
Savings deposits	336 924	339 219	344 578	350 569	355 464
Other deposits	709 942	583 483	568 237	600 478	634 450
Short-term debt securities	120 198	105 132	97 002	96 438	100 928
Long-term debt securities	1 302 072	1 247 594	1 277 780	1 247 254	1 250 154
Short-term loans	519 684	526 518	675 641	629 322	651 395
Long-term loans	761 170	823 788	783 386	855 033	855 102
Equity and investment fund shares/units	3 130 406	3 265 099	3 489 513	3 682 182	3 921 261
Insurance, pension and standardised guarantee schemes	1 275 073	1 252 722	1 449 560	1 509 809	1 648 471
Financial derivatives and employee stock options	24 911	24 951	41 081	24 387	31 247
Other accounts receivable/payable	266 128	236 710	232 704	217 028	198 879
Total liabilities	9 012 779	8 913 693	9 600 551	9 946 847	10 471 161
Financial net worth	- 36 736	- 8 848	2 837	- 31 024	- 73 561
Net worth	38 815	62 151	71 536	37 018	- 4 015

¹⁾ The extraction ceiling for natural gas in the Groningen gas field for 2016 onwards had not yet been decided by the authorities when compiling these figures. Therefore Statistics Netherlands has used the future extraction profile based on the last known mining plans and extraction ceiling.

S 4.4 Balance sheets of sector general government (consolidated)

	2013	2013	2014	2015	2016*
	Opening balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet
	mln euro				
Non-financial assets					
Fixed assets	398 467	404 942	407 298	405 545	407 340
Dwellings	3 374	3 381	3 317	3 219	3 219
Buildings other than dwellings	89 148	89 588	89 018	85 525	84 494
Other structures	256 711	262 405	265 559	266 032	267 894
Transfer costs of ground	1 782	1 687	1 652	1 597	1 521
Transport equipment	2 816	2 821	2 680	2 726	2 654
Passenger cars	428	459	395	411	426
Other vehicles	850	914	873	873	847
Trains and trams	0	0	0	0	0
Ships	827	797	778	749	736
Aircraft	712	651	635	694	645
Computers and peripheral equipment	2 806	2 908	2 842	2 720	2 772
Telecommunication equipment	575	619	658	674	731
Machinery and installations	11 067	10 790	10 262	10 652	10 536
Other material assets	4 374	4 303	4 297	4 287	4 362
Cultivated biological resources	0	0	0	0	0
Research and development	18 235	18 591	18 958	19 470	20 069
Computer software and databases	7 581	7 847	8 054	8 641	9 087
Other intellectual property products	0	0	0	0	0
Inventories	0	0	0	0	0
Land	44 120	39 462	36 296	36 780	35 362
Land underlying dwellings	2 887	2 605	2 817	3 121	3 430
Land underlying non-residential buildings	34 956	30 571	27 078	26 943	24 977
Land under cultivation	6 277	6 287	6 400	6 717	6 954
Oil and gas reserves ¹⁾	175 235	154 721	124 185	102 770	41 270
Total non-financial assets	617 822	599 125	567 778	545 096	483 971
Financial assets/liabilities					
Assets					
Monetary gold and special drawing rights					
Currency	48	53	37	32	45
Transferable deposits	10 041	7 867	6 270	6 578	7 181
Savings deposits					
Other deposits	4 896	3 549	4 101	3 110	3 262
Short-term debt securities	832	452	591	393	243
Long-term debt securities	19 235	13 705	9 147	8 386	7 722
Short-term loans	520	1 932	1 589	288	283
Long-term loans	57 466	65 791	66 338	62 896	57 874
Equity and investment fund shares/units	93 465	90 275	89 173	95 296	99 523
Insurance, pension and standardised guarantee schemes	0	0	0	0	0
Financial derivatives and employee stock options	12 726	9 714	23 619	17 891	15 584
Other accounts receivable/payable	46 055	45 167	46 983	44 708	52 189
Total financial assets	245 284	238 505	247 848	239 578	243 906
Liabilities					
Monetary gold and special drawing rights					
Currency					
Transferable deposits	410	510	310	1 191	3 421
Savings deposits					
Other deposits	758	752	816	812	579
Short-term debt securities	32 623	26 070	23 085	14 040	16 622
Long-term debt securities	345 029	351 806	393 611	388 936	387 467
Short-term loans	26 778	25 769	26 282	26 125	24 184
Long-term loans	68 286	67 623	65 820	65 380	64 887
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes	0	0	0	0	0
Financial derivatives and employee stock options	0	0	0	0	0
Other accounts receivable/payable	27 211	27 632	28 560	33 007	32 074
Total liabilities	501 095	500 162	538 484	529 491	529 234
Financial net worth	- 255 811	- 261 657	- 290 636	- 289 913	- 285 328
Net worth	362 011	337 468	277 142	255 183	198 643

¹⁾ The extraction ceiling for natural gas in the Groningen gas field for 2016 onwards had not yet been decided by the authorities when compiling these figures. Therefore Statistics Netherlands has used the future extraction profile based on the last known mining plans and extraction ceiling.

S 4.5 Balance sheets of sector households incl. NPIs serving households

	2013	2013	2014	2015	2016*
	Opening balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet	Closing balance sheet
	mln euro				
Non-financial assets					
Fixed assets	817 701	807 757	792 166	778 454	789 556
Dwellings	721 018	709 084	691 289	675 865	684 068
Buildings other than dwellings	55 566	57 952	59 755	60 022	61 488
Other structures	3 752	3 761	3 769	3 745	3 760
Transfer costs of ground	2 895	3 150	3 835	4 684	5 599
Transport equipment	6 660	6 587	6 449	6 575	6 594
Passenger cars	2 238	2 275	2 219	2 330	2 273
Other vehicles	1 295	1 258	1 249	1 289	1 424
Trains and trams	0	0	0	0	0
Ships	3 115	3 041	2 968	2 940	2 879
Aircraft	12	12	12	16	17
Computers and peripheral equipment	972	989	964	1 037	1 178
Telecommunication equipment	168	173	180	190	209
Machinery and installations	11 989	11 860	11 858	12 154	12 256
Other material assets	5 572	5 198	4 835	4 645	4 572
Cultivated biological resources	2 343	2 084	2 163	2 105	2 075
Research and development	3 400	3 450	3 487	3 555	3 652
Computer software and databases	2 998	3 093	3 193	3 470	3 674
Other intellectual property products	368	377	390	406	431
Inventories	8 846	8 137	8 596	7 991	8 012
Land	677 997	611 252	651 649	717 557	789 657
Land underlying dwellings	592 288	525 905	565 342	630 293	700 719
Land underlying non-residential buildings	21 856	19 906	18 343	18 812	18 069
Land under cultivation	63 852	65 441	67 964	68 452	70 870
Oil and gas reserves ¹⁾	0	0	0	0	0
Total non-financial assets	1 504 543	1 427 146	1 452 412	1 504 002	1 587 225
Financial assets/liabilities					
Assets					
Monetary gold and special drawing rights					
Currency	12 922	12 376	10 871	10 018	9 241
Transferable deposits	48 644	45 391	48 406	50 127	54 805
Savings deposits	338 329	341 179	346 350	351 717	356 710
Other deposits	119	144	159	146	24
Short-term debt securities	67	48	75	106	113
Long-term debt securities	16 794	12 327	9 858	8 281	7 459
Short-term loans	95	27	279	420	73
Long-term loans	2 605	2 542	2 558	2 534	2 518
Equity and investment fund shares/units	224 593	235 576	246 412	252 441	252 170
Insurance, pension and standardised guarantee schemes	1 210 123	1 178 004	1 403 014	1 467 713	1 606 683
Financial derivatives and employee stock options	507	568	592	481	532
Other accounts receivable/payable	36 737	35 848	42 027	42 102	34 982
Total financial assets	1 891 535	1 864 030	2 110 601	2 186 086	2 325 310
Liabilities					
Monetary gold and special drawing rights					
Currency					
Transferable deposits					
Savings deposits					
Other deposits					
Short-term debt securities	0	0	0	0	0
Long-term debt securities	0	0	0	0	0
Short-term loans	28 189	26 428	25 671	24 283	21 611
Long-term loans	729 601	715 695	713 994	724 583	734 007
Equity and investment fund shares/units					
Insurance, pension and standardised guarantee schemes	0	0	0	0	0
Financial derivatives and employee stock options	11	13	13	14	24
Other accounts receivable/payable	59 033	64 178	71 987	74 583	75 068
Total liabilities	816 834	806 314	811 665	823 463	830 710
Financial net worth	1 074 701	1 057 716	1 298 936	1 362 623	1 494 600
Net worth	2 579 244	2 484 862	2 751 348	2 866 625	3 081 825

¹⁾ The extraction ceiling for natural gas in the Groningen gas field for 2016 onwards had not yet been decided by the authorities when compiling these figures. Therefore Statistics Netherlands has used the future extraction profile based on the last known mining plans and extraction ceiling.

S 5.1 Non-financial balance sheets of the total economy, 2013

	Opening balance sheet	Revaluation	Capital accumulation	Other changes	Statistical discrepancy	Closing balance sheet
	mln euro					
Fixed assets	2 019 344	- 3 603	7 744	- 189	0	2 023 296
Dwellings	907 849	- 14 236	- 6	49	0	893 656
Buildings other than dwellings	368 540	4 937	159	- 49	0	373 587
Other structures	350 285	3 906	5 646	0	0	359 837
Transfer costs of ground	13 984	- 85	76	0	0	13 975
Transport equipment	55 491	258	306	0	0	56 055
Passenger cars	20 974	- 99	319	0	0	21 194
Other vehicles	8 229	86	- 126	0	0	8 190
Trains and trams	6 419	103	80	0	0	6 602
Ships	13 809	234	210	0	0	14 253
Aircraft	6 060	- 66	- 177	0	0	5 816
Computers and peripheral equipment	11 359	- 15	282	0	0	11 626
Telecommunication equipment	1 864	- 4	111	0	0	1 970
Machinery and installations	171 993	776	119	0	0	172 887
Other material assets	27 960	164	- 1 046	0	0	27 077
Cultivated biological resources	2 920	- 244	152	- 189	0	2 640
Research and development	64 077	515	618	0	0	65 209
Computer software and databases	36 232	275	1 055	0	0	37 562
Other intellectual property products						
Inventories	102 658	- 259	1 466	- 39	- 2 413	101 413
Land	984 413	- 109 051	0	10 665	0	886 026
Land underlying dwellings	747 516	- 92 690	0	9 245	0	664 072
Land underlying non-residential buildings	145 262	- 18 012	0	1 399	0	128 649
Land under cultivation	91 635	1 650	0	20	0	93 305
Oil and gas reserves ¹⁾	175 235	- 8 303	0	- 12 211	0	154 721
Total non-financial assets	3 281 650	- 121 217	9 210	- 1 774	- 2 413	3 165 456

S 5.2 Non-financial balance sheets of the total economy, 2014

	Opening balance sheet	Revaluation	Capital accumulation	Other changes	Statistical discrepancy	Closing balance sheet
	mln euro					
Fixed assets	2 023 296	- 20 913	9 335	- 186	506	2 012 039
Dwellings	893 656	- 25 418	991	73	0	869 302
Buildings other than dwellings	373 587	910	- 110	- 73	0	374 313
Other structures	359 837	1 082	5 358	0	0	366 277
Transfer costs of ground	13 975	499	519	0	0	14 993
Transport equipment	56 055	417	- 636	0	506	56 342
Passenger cars	21 194	- 86	- 371	0	506	21 243
Other vehicles	8 190	- 96	122	0	0	8 216
Trains and trams	6 602	109	14	0	0	6 724
Ships	14 253	325	- 65	0	0	14 513
Aircraft	5 816	167	- 336	0	0	5 647
Computers and peripheral equipment	11 626	- 44	109	0	0	11 692
Telecommunication equipment	1 970	- 17	121	0	0	2 074
Machinery and installations	172 887	700	929	0	0	174 517
Other material assets	27 077	144	- 813	0	0	26 408
Cultivated biological resources	2 640	123	176	- 186	0	2 753
Research and development	65 209	544	719	0	0	66 472
Computer software and databases	37 562	3	1 693	0	0	39 257
Other intellectual property products	7 214	143	280	0	0	7 636
Inventories	101 413	- 1 096	2 633	9	- 2 168	100 792
Land	886 026	27 880	0	10 989	0	924 895
Land underlying dwellings	664 072	39 200	0	8 804	0	712 076
Land underlying non-residential buildings	128 649	- 14 574	0	1 257	0	115 333
Land under cultivation	93 305	3 254	0	927	0	97 486
Oil and gas reserves ¹⁾	154 721	- 14 264	0	- 16 272	0	124 185
Total non-financial assets	3 165 456	- 8 393	11 968	- 5 460	- 1 661	3 161 910

¹⁾ The extraction ceiling for natural gas in the Groningen gas field for 2016 onwards had not yet been decided by the authorities when compiling these figures. Therefore Statistics Netherlands has used the future extraction profile based on the last known mining plans and extraction ceiling.

S 5.3 Non-financial balance sheets of the total economy, 2015

	Opening balance sheet	Revaluation	Capital accumulation	Other changes	Statistical discrepancy	Closing balance sheet
	mln euro					
Fixed assets	2 012 039	– 32 383	20 709	– 205	832	2 000 991
Dwellings	869 302	– 27 402	4 827	58	0	846 785
Buildings other than dwellings	374 313	– 7 580	579	– 58	0	367 254
Other structures	366 277	– 3 626	6 067	0	0	368 718
Transfer costs of ground	14 993	693	731	0	0	16 417
Transport equipment	56 342	549	2 129	0	832	59 852
Passenger cars	21 243	161	1 028	0	– 111	22 321
Other vehicles	8 216	– 16	457	0	0	8 656
Trains and trams	6 724	– 46	– 1	0	0	6 678
Ships	14 513	282	– 63	0	0	14 732
Aircraft	5 647	167	709	0	943	7 465
Computers and peripheral equipment	11 692	– 279	977	0	0	12 390
Telecommunication equipment	2 074	– 181	259	0	0	2 152
Machinery and installations	174 517	3 523	1 729	0	0	179 768
Other material assets	26 408	283	– 456	0	0	26 236
Cultivated biological resources	2 753	– 43	204	– 190	0	2 725
Research and development	66 472	995	767	0	0	68 234
Computer software and databases	39 257	590	2 665	0	0	42 512
Other intellectual property products	7 636	95	232	– 15	0	7 948
Inventories	100 792	– 1 625	3 349	18	– 1 426	101 108
Land	924 895	76 182	0	4 898	0	1 005 974
Land underlying dwellings	712 076	71 961	0	6 836	0	790 874
Land underlying non-residential buildings	115 333	– 1 311	0	1 319	0	115 341
Land under cultivation	97 486	5 531	0	– 3 258	0	99 760
Oil and gas reserves ¹⁾	124 185	– 21 738	0	323	0	102 770
Total non-financial assets	3 161 910	20 436	24 058	5 034	– 594	3 210 844

S 5.4 Non-financial balance sheets of the total economy, 2016*

	Opening balance sheet	Revaluation	Capital accumulation	Other changes	Statistical discrepancy	Closing balance sheet
	mln euro					
Fixed assets	2 000 991	2 395	25 660	– 184	– 121	2 028 742
Dwellings	846 785	223	9 037	298	85	856 427
Buildings other than dwellings	367 254	– 1 236	919	– 298	– 36	366 604
Other structures	368 718	– 399	5 714	0	– 30	374 002
Transfer costs of ground	16 417	345	1 134	0	– 79	17 817
Transport equipment	59 852	637	2 035	0	135	62 659
Passenger cars	22 321	294	– 382	0	97	22 330
Other vehicles	8 656	59	1 028	0	34	9 778
Trains and trams	6 678	128	– 34	0	19	6 792
Ships	14 732	72	– 30	0	0	14 774
Aircraft	7 465	84	1 452	0	– 16	8 986
Computers and peripheral equipment	12 390	– 167	1 129	0	– 153	13 198
Telecommunication equipment	2 152	– 39	162	0	72	2 347
Machinery and installations	179 768	1 300	2 066	0	– 8	183 126
Other material assets	26 236	246	– 178	0	113	26 417
Cultivated biological resources	2 725	– 13	171	– 184	1	2 699
Research and development	68 234	1 023	908	0	– 9	70 156
Computer software and databases	42 512	377	2 490	0	– 206	45 173
Other intellectual property products	7 948	100	73	0	– 5	8 116
Inventories	101 108	– 1 342	585	23	– 41	100 334
Land	1 005 974	79 194	0	4 545	0	1 089 714
Land underlying dwellings	790 874	82 119	0	5 338	0	878 331
Land underlying non-residential buildings	115 341	– 6 406	0	– 930	0	108 005
Land under cultivation	99 760	3 481	0	137	0	103 377
Oil and gas reserves ¹⁾	102 770	– 57 054	0	– 4 446	0	41 270
Total non-financial assets	3 210 844	23 193	26 245	– 62	– 161	3 260 059

¹⁾ The extraction ceiling for natural gas in the Groningen gas field for 2016 onwards had not yet been decided by the authorities when compiling these figures. Therefore Statistics Netherlands has used the future extraction profile based on the last known mining plans and extraction ceiling.

7.

Other

tables

0 1.1 Taxes

	2011	2012	2013	2014	2015	2016*
	mln euro					
Value added tax (VAT)	41 610	41 699	42 424	42 708	44 879	48 557
Wage tax	47 560	45 530	45 851	45 958	54 261	55 607
Corporation tax	12 409	11 854	12 447	14 511	16 108	21 035
Excise duties	11 268	11 289	10 885	11 598	11 207	11 707
Environmental taxes	7 358	7 000	7 741	7 719	7 979	8 378
Motor vehicle taxes	5 054	5 015	4 967	5 434	5 539	5 576
Taxes on passenger cars and motorcycles (BPM)	1 978	1 500	1 159	1 121	1 462	1 551
Real estate transfer tax	1 935	1 128	1 104	1 566	1 772	2 292
Property tax	3 171	3 337	3 439	3 542	3 691	3 770
Dividend tax	4 231	4 095	3 941	5 279	5 251	5 042
Import duties	1 889	1 780	1 756	2 046	2 266	2 340
Capital taxes ¹⁾	1 592	1 432	1 870	1 665	1 752	1 986
Tax on net wealth of individuals	11	2	1	0	0	0
Insurance premium tax	1 020	1 145	2 343	2 366	2 375	2 465
Other	2 981	2 709	3 382	6 908	2 961	- 13
Taxes	144 067	139 515	143 310	152 421	161 503	171 243
Taxes on production and imports	71 871	70 513	73 439	77 597	79 003	84 876
Current taxes on income and wealth	70 604	67 570	68 001	73 159	80 748	84 381
Capital transfers ¹⁾	1 592	1 432	1 870	1 665	1 752	1 986
Paid by:						
Residents	140 369	135 588	139 450	147 786	156 998	166 802
Rest of the world	3 698	3 927	3 860	4 635	4 505	4 441
Received by:						
General government	139 852	135 482	139 107	147 758	156 300	165 634
Rest of the world	4 215	4 033	4 203	4 663	5 203	5 609

¹⁾ Capital taxes are non-periodic current taxes on wealth. These consist mainly of inheritance tax.

0 1.2 Current taxes on income and wealth

	2011	2012	2013	2014	2015	2016*
	mln euro					
Current taxes on income	63 904	60 806	61 140	65 778	73 292	76 814
Corporation tax	12 409	11 854	12 447	14 511	16 108	21 035
Wage tax	47 560	45 530	45 851	45 958	54 261	55 607
Income tax	- 533	- 902	- 1 337	- 190	- 2 566	- 5 111
Dividend tax	4 231	4 095	3 941	5 279	5 251	5 042
Tax on lotteries and gambling	237	229	238	220	238	241
Current taxes on wealth	6 700	6 764	6 861	7 381	7 456	7 567
Property tax	11	2	1	0	0	0
Motor vehicle tax	4 078	4 047	4 008	4 386	4 470	4 500
Environmental taxes	1 973	2 030	2 084	2 134	2 170	2 242
Sewerage charges	1 148	1 192	1 229	1 262	1 286	1 318
Levies on water pollution	825	838	855	872	884	924
Polder-board levies	450	466	492	517	514	544
Other	188	219	276	344	302	281
Current taxes on income and wealth	70 604	67 570	68 001	73 159	80 748	84 381
Paid by:						
Non-financial corporations	10 015	9 561	10 032	11 674	12 983	16 503
Financial institutions	3 213	3 151	3 315	3 590	4 070	5 455
General government	0	0	0	54	0	2
Households	53 744	50 990	50 924	53 337	59 320	58 111
Rest of the world ¹⁾	3 632	3 868	3 730	4 504	4 375	4 310
Received by:						
General government	68 629	65 633	65 946	71 052	78 305	81 998
Rest of the world ¹⁾	1 975	1 937	2 055	2 107	2 443	2 383

¹⁾ Concerns the dividend tax and wage tax from and to the rest of the world.

O 1.3 Taxes on production and imports

	2011	2012	2013	2014	2015	2016*
	mln euro					
Taxes on products	64 886	63 295	65 415	67 125	69 892	75 091
Value added tax (VAT)	41 610	41 699	42 424	42 708	44 879	48 557
Import duties to the EU	1 889	1 780	1 756	2 046	2 266	2 340
EU levies on food products	297	267	253	370	356	243
Excise duties	11 268	11 289	10 885	11 598	11 207	11 707
Motor spirits	4 101	4 007	3 960	4 042	4 109	4 226
Other mineral oils	3 644	3 578	3 630	3 833	3 757	3 862
Tobacco	2 527	2 653	2 228	2 632	2 222	2 491
Alcohol	314	348	306	311	314	324
Other excise duties	682	703	761	780	805	804
Tax on non-alcoholic beverages etc.	159	158	154	213	207	256
Energy levies	4 408	4 013	4 997	4 810	5 024	5 331
Taxes on passenger cars and motorcycles (BPM)	1 978	1 500	1 159	1 121	1 462	1 551
Tax on lotteries and gambling	238	230	239	220	238	241
Real estate transfer tax	1 935	1 128	1 104	1 566	1 772	2 292
Insurance premium tax	1 020	1 145	2 343	2 366	2 375	2 465
Tax on capital	- 5	0	0	0	0	0
Levies on petroleum product stocks	89	86	101	107	106	108
Other taxes on production	6 985	7 218	8 024	10 472	9 111	9 785
Property tax	3 171	3 337	3 439	3 542	3 691	3 770
Motor vehicle tax	976	968	959	1 048	1 069	1 076
Environmental taxes	977	957	660	775	785	805
Sewerage charges	220	227	234	235	245	250
Levies on water pollution	325	323	327	326	328	328
Emission permits	92	56	43	148	164	188
Other environmental taxes	340	351	56	66	48	39
Polder-board levies	705	721	761	778	832	817
Bank Levies	0	536	507	1 453	932	473
Levies on social housing corporations	0	0	48	1 224	1 345	1 474
Levies for Deposit Guarantee Scheme	0	0	0	0	0	448
EU levies on sugar stocks	0	0	0	0	0	0
EU levies for Deposit Guarantee Scheme	0	0	0	0	0	502
Other	1 156	699	1 650	1 652	457	420
Taxes on production and imports paid by residents	71 871	70 513	73 439	77 597	79 003	84 876
Received by:						
General government	69 685	68 466	71 430	75 181	76 381	81 791
Rest of the world (EU)	2 186	2 047	2 009	2 416	2 622	3 085

O 2 Expenditure of general government across function (consolidated)

	2011	2012	2013	2014	2015	2016*
	mln euro					
General public services	34 136	33 612	33 472	34 764	33 986	30 304
Executive and legislative organs, financial and fiscal affairs, external affairs	13 292	13 247	13 709	15 464	15 026	12 040
Foreign economic aid	4 015	3 766	3 706	3 397	3 678	3 703
General services	1 370	1 398	1 438	1 667	1 788	1 909
Basic research	2 959	2 934	2 970	3 051	3 188	3 307
R&D General public services	74	58	56	42	38	32
General public services n.e.c.	27	33	31	28	33	34
Public debt transactions	12 399	12 176	11 562	11 115	10 235	9 279
Transfers of a general character between different levels of government	0	0	0	0	0	0
Defence	8 167	7 512	7 541	7 325	7 738	8 253
Military defence	6 368	5 715	5 873	5 593	6 150	6 954
Civil defence	0	0	0	0	0	0
Foreign military aid	247	215	194	275	363	426
R&D Defence	84	116	96	98	124	122
Defence n.e.c.	1 468	1 466	1 378	1 359	1 101	751
Public order and safety	12 204	12 477	12 880	12 353	12 625	13 019
Police services	5 176	5 420	5 574	5 476	5 652	5 882
Fire-protection services	1 548	1 571	1 769	1 548	1 620	1 652
Law courts	1 989	1 929	1 933	1 859	1 926	1 916
Prisons	2 368	2 419	2 375	2 316	2 209	2 327
R&D Public order and safety	79	76	78	97	116	124
Public order and safety n.e.c.	1 044	1 062	1 151	1 057	1 102	1 118
Economic affairs	30 726	28 770	25 062	27 639	27 173	27 446
General economic, commercial and labour affairs	5 217	4 457	4 972	3 601	3 894	3 453
Agriculture, forestry, fishing and hunting	1 282	1 106	1 011	559	– 149	756
Fuel and energy	885	865	864	871	891	1 115
Mining, manufacturing and construction	693	741	605	525	564	511
Transport	16 205	15 456	15 659	15 825	15 783	15 042
Communication	60	71	3 720	77	68	89
Other industries	2 276	2 346	1 968	2 334	2 396	2 268
R&D Economic affairs	3 725	3 431	3 591	3 690	3 633	4 117
Economic affairs n.e.c.	383	297	112	157	93	95
Environmental protection	10 295	10 073	10 076	9 770	10 412	9 571
Waste management	3 538	3 573	3 474	3 440	3 411	3 428
Waste water management	3 611	3 518	3 600	3 119	3 289	3 348
Pollution abatement	2 086	1 953	1 939	1 891	1 776	1 824
Protection of biodiversity and landscape	726	710	791	1 070	1 692	705
R&D Environmental protection	160	150	140	132	123	124
Environmental protection n.e.c.	174	169	132	118	121	142
Housing and community amenities	3 044	3 322	3 437	3 051	2 313	2 189
Housing development	1 214	1 622	1 878	1 498	759	564
Community development	1 300	1 214	1 105	1 119	1 117	1 156
Water supply	1	2	2	3	0	0
Street lighting	117	110	110	123	116	117
R&D Housing and community amenities	254	209	221	215	223	231
Housing and community amenities n.e.c.	158	165	121	93	98	121
Health	50 917	53 640	53 561	54 044	55 385	54 064
Medical products, appliances and equipment	6 810	6 427	5 719	5 819	5 878	5 536
Outpatient services	13 996	14 114	14 004	13 952	14 804	14 481
Hospital services	24 860	27 819	28 342	28 667	28 704	27 934
Public health services	1 343	1 365	1 354	1 354	1 465	1 526
R&D Health	1 868	1 872	1 972	2 085	2 124	2 195
Health n.e.c.	2 040	2 043	2 170	2 167	2 410	2 392
Recreation, culture and religion	10 808	10 382	10 024	9 644	9 575	9 431
Recreational and sporting services	3 893	3 672	3 649	3 491	3 502	3 410
Cultural services	3 259	3 194	3 127	3 033	3 172	3 125
Broadcasting and publishing services	1 015	1 127	1 051	1 022	1 031	1 032
Religious and other community services	518	498	501	513	477	480
R&D Recreation, culture and religion	190	185	195	202	207	206
Recreation, culture and religion n.e.c.	1 933	1 706	1 501	1 383	1 186	1 178

O 2 Expenditure of general government across function (consolidated) (end)

	2011	2012	2013	2014	2015	2016*
	mln euro					
Education	35 531	35 675	35 268	35 727	36 096	37 157
Pre-primary and primary education	11 598	11 362	11 181	11 333	10 892	11 039
Secondary education	13 579	13 446	13 450	13 991	14 369	15 047
Post-secondary non-tertiary education	0	0	0	0	0	0
Tertiary education	8 479	9 032	8 905	8 969	9 460	9 721
Education not definable by level	387	373	325	0	2	1
Subsidiary services to education	904	873	833	826	805	799
R&D Education	137	147	161	172	202	217
Education n.e.c.	447	442	413	436	366	333
Social protection	106 182	108 402	110 715	111 887	111 456	113 815
Sickness and disability	30 870	31 836	31 113	31 000	29 681	29 633
Old age	40 902	42 854	44 158	45 262	45 682	47 069
Survivors	1 235	1 103	966	822	653	584
Family and children	7 707	6 996	6 552	6 320	8 149	8 543
Unemployment	10 467	10 380	11 888	12 321	11 789	11 226
Housing	2 327	2 354	2 496	2 841	3 130	3 373
Social exclusion n.e.c.	12 162	12 498	13 239	13 010	12 087	13 127
R&D Social protection	223	210	217	226	228	235
Social protection n.e.c.	289	171	86	85	57	25
Total expenditure	302 010	303 865	302 036	306 204	306 759	305 249

8.

Explanations

8.1 National accounts outlined

Introduction

The system of national accounts provides a quantitative overview of the economic process of a country and its economic relations with the rest of the world. In the economic process we distinguish production, generation of income, distribution of incomes, expenditure, financing and the accumulation of wealth.

Economic territory

The Dutch national accounts refer to the economic territory of the Kingdom of the Netherlands in Europe. The Dutch section of the continental shelf in the North Sea is also regarded as a part of that economic territory. The economies of the countries of the Kingdom of the Netherlands outside Europe (Curaçao, St Maarten and Aruba) are not described in the Dutch national accounts. Although Bonaire, St Eustatius and Saba form part of the Netherlands they are also not included in the national accounts.

Statistics Netherlands has been responsible for the statistics of the Caribbean Netherlands since the political changes of 10-10-'10. In that context, Statistics Netherlands estimates the GDP of each island. However, these are not included in Dutch GDP.

Economic indicators

A number of key economic indicators such as gross domestic product (GDP) and national income form the core in the national accounts. GDP is a measure for the magnitude of the economy. The volume change of GDP in a given period is the measure of economic growth or decline. Volume changes are adjusted for price changes.

National income is the sum of the primary incomes (wages and salaries, profits, net receipts of interest and dividend) of the residents of a country. National income can be determined gross or net, that is including or excluding consumption of fixed capital (depreciation). Gross national income equals the GDP plus the balance of net primary income received from and paid to the rest of the world.

Statistical description of economic processes

The national accounts in some countries only relate to estimates of one or more of these macro-variables. These are not actually statistical descriptions of the economic process. This was also the case in the Netherlands before World War II, as the basis for an integrated system was not yet created. In the extended system of national accounts as currently compiled in the Netherlands, the descriptions go much further. There is an extended overview of the production of goods and services as well as a description of consumption, fixed capital formation, imports and exports. The focus is also on income generation, distribution and redistribution of taxes and social benefits. Finally the national accounts describe financial transactions and the accumulation of wealth.

All this is done not only for the total economy but also for its constituent parts. For example, the description of production is detailed by industrial sectors. Sectors such as general government, households, non-financial and financial corporations are

distinguished in the description of the income distribution, financing and the accumulation of wealth. This delineates the two main systems of national accounts: production is described in supply and use tables (SUT). Income distribution, financing and the accumulation of wealth fall within the sector accounts, sometimes referred to as the income and wealth accounts. Labour is seen as a third main system, although, in practice, it is close to production. The three main systems overlap in such key elements as value added and compensation of employees. Integration makes them fully consistent.

Consistency of description

The national accounts are called a system because they form a connected and integrated entity in which all variables are linked in a consistent way. This contributes greatly to their quality and possibilities for use. Quality is enhanced because statistics from different sources can be linked thanks to a comparison of the definitions underlying the system. Even when the outcomes of these source statistics do not match, integration still makes it possible to arrive at the most plausible estimates. The options for using the national accounts are enhanced because the systematic approach makes it possible to connect a variety of phenomena.

This systematic approach also has its limitations, especially when implementing changes in concepts and definitions. Partial changes are out of the question. For instance a change in the scope of production is only possible when concepts such as income, consumption, savings and investment are adapted at the same time.

Applications of the national accounts

The applications of the national accounts are wide ranging. To start with, GDP and gross national income (GNI) are often used as benchmarks to summarise the performance of an economy, the success of a country's financial-economic policy, and the financial capacity of society. For example, a country's net lending/net borrowing and government debt are expressed as a percentage of GDP (EMU target). Also, GNI is one of the pillars for calculating the contributions to the European Union. National income serves as a guideline for the volume of development aid, and forms the basis for all types of government key index figures. Furthermore, the national accounts offer indications for the relative importance of an industry to the economy, e.g. through its share in domestic product.

In addition, national accounts data are often used in prognoses and analyses. As they provide an integrated, coordinated description of the national economy, they are ideally suited for use in models to make economic forecasts or to test the influence of different policy alternatives. Finally, the data provide information about various structural aspects of production. Such data are contained in a specific dataset (supply and use tables, input-output tables) which may also serve as a basis for a wide range of purposes. Examples are studies on energy consumption, environmental pollution, and the impact of certain tax measures on production and employment.

Institutional approach

The national accounts provide a description in terms of economic agents. This is referred to as the institutional approach. In an institutional description of the production process, the producers form the core. They are classified by their main economic activity into industries. For example producers who have transport as their main activity are classified as part of the transport, storage and communication industry. This way a clear overview is obtained of the total production value of producers in a certain industry which is

consistent with the reality in which the producers operate. However, this approach also means that production in any secondary activities is also included in the production value of that industry. For example this can be the case for a textile factory which also sells products directly to consumers (retail trade).

Every choice in this context is made with the intention to let the national accounts serve as many purposes as possible. Separate modules are made in addition to the standard national accounts with data which are needed for a different perspective or a specific use.

International comparability and use

International comparability has been mentioned as an important feature of the national accounts. The concepts, classifications and methods of the national accounts are standardised in an international context and laid down in international guidelines (SNA 2008 and ESR 2010).

Under international agreements, the Netherlands is required to supply clearly defined data to international institutions at pre-set times. The most important recipient is Eurostat, the statistical office of the European Union. This institute redirects the data to institutions including the European Central Bank (ECB) and the Organisation for Economic Cooperation and Development (OECD). Eurostat furthermore calculates the aggregates for the European Union (EU) and the euro zone.

A large number of international treaties and international guidelines contain data from the national accounts or references to them. The international significance and the administrative application of the national accounts data have increased over the last few decades. Both the VAT and the GNI contribution of the Netherlands to the European Union are based on the national accounts. The national accounts also play a role in income received by the Netherlands. The distribution of GDP over regions as derived from the regional (national) accounts partly determines the level of the contributions received by a member state from the European structural funds. In short, the net financial position of the Netherlands in relation to the EU is to a large extent determined by national accounts data.

Given the growing relevance of concepts such as GNI, it has become increasingly important for all member states to apply exactly the same definitions of the statistical concepts. That is why agreements have been made on the compilation of mutually comparable, 'harmonised' figures.

Under the auspices of Eurostat a GNI committee has been established whose main task is to safeguard the quality of the GNI estimates by member states. This committee monitors compliance with the regulations. Audits also take place at the European Auditor's Office. This helps promote the quality and international comparability of the national accounts.

Government debt and government deficit as a percentage of GDP play an essential role in determining a country's eligibility for the EMU (Maastricht Treaty) as well as under the Stability and Growth Pact (SGP, Amsterdam Treaty). In addition, the levying of penalties due to non-compliance with obligations under the stability pact, as well as possible mitigating circumstances (economic depression), also involve the national accounts of a country.

Prosperity

Given the frequent and versatile use of the national accounts figures, it is imperative that the exact meaning of these data is clear to everybody. Domestic product or national income are not the only indicators for prosperity levels. They do not cover such items as income distribution, (uncompensated) damage to the environment, or well-being. Work on the national accounts therefore also includes broadening the arsenal of concept definitions published in an integral way. These remain outside the core system of national accounts. Examples of this broadening are indicators for sustainable development and green growth.

Environment

In the regular part of the national accounts, the environmental aspects of production and consumption are taken into account to a limited extent. When economic agents (companies, governments, consumers) actually incur expenditure to reduce pollution, then these expenses are included in the national accounts. For example, if the government takes care of water treatment or soil decontamination this is seen as government production and therefore as a contribution to national income. The pollution itself is not reflected in the financial transactions. When the market or the democratic process puts a price tag on environmental pollution, the national accounts express this to some extent. Environmental taxes, for example, form part of the transactions that are described in the context of the national accounts.

A separate module in conjunction with the national accounts (and macro-economic factors such as national income) has been created to quantify environmental impacts as fully as possible in statistically observable physical units. Furthermore, expenditure on the environment in the form of environmental tax or environmental cleansing services can be differentiated in these environmental accounts.

Other satellite accounts

Besides the main systems of supply and use tables (SUT), sector accounts and labour, specific issues are covered in separate modules. The environmental accounts are one example of this. Other modules deal with regional accounting, growth accounting and tourism.

8.2 Transactions in the national accounts

Introduction

The system of national accounts describes transactions by industry and sector on the basis of international guidelines. The transactions by industry are systematically described in the supply and use tables (SUT). They focus on transactions in goods and services and on describing the production process, including income generation. Industries are classified according to the NACE Rev2 classification (SBI 2008). The transactions of institutional units are systematically described in the sector accounts, which focus more specifically on income (re)distribution, use of income and financing. Institutional units are grouped into (sub)sectors according to the European system of accounts (ESA 2010).

A transaction is an economic flow that is an interaction between institutional units by mutual agreement or an action within an institutional unit that it is useful to treat as a transaction, because the unit is operating in two different capacities. Transactions are split into four main groups:

- transactions in products, which describe the origin (domestic output or imports) and use (intermediate consumption, final consumption, fixed capital formation — covering consumption of fixed capital — or exports) of products
- distributive transactions, which describe how value added generated by production is distributed across labour, capital and government, and the redistribution of income and wealth (taxes on income and wealth and other transfers)
- financial transactions, which describe the net acquisition of financial assets or the net incurrence of liabilities for each type of financial instrument. Such transactions occur both as counterparts of non-financial transactions, and as transactions involving only financial instruments
- transactions not included in the three groups above: acquisitions less disposals of non-produced non-financial assets.

Output and generation of income

Output (basic prices)

The total of goods and services created during the reporting period, also called production. Three types of output are distinguished:

- market output: goods and services sold at a market or intended for sale at a market
- the own-account production of all goods that are retained by their producers for their own final consumption or own gross fixed capital formation
- non-market output: goods and services delivered for free or at economically non-significant prices to other units.

Output is valued at basic prices. These are the prices experienced by the producers: taxes on products have been subtracted from the original prices, product-related subsidies have been added to them. Costs of transportation, when charged separately by the producer, are not included. Changes in the values of financial and non-financial assets during the reference period are not included either.

Included is the output by all kind-of-activity units residing in the Netherlands, also those that are held by foreign owners. The kind-of-activity units include general government units and other non-commercial units.

Some special cases:

-Industries

Trade is the distribution of goods in time and space without any physical transformation. So, trade services are produced in relation to goods. 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.

-(Sub)sectors

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 on attracted deposits and issued loans. Furthermore, banks produce services such as the use of debit cards for which the clients pay explicitly.

Insurance and pension funding mainly transforms individual risk into collective risk. The value of these services of non-life insurance companies is set as the difference between premiums earned (including implicit premium supplements) and adjusted claims incurred. In the case of pension funds and life insurance companies the value of these services equals the sum of production costs plus an allowance for normal profit of life insurance companies.

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.

Non-profit institutions serving households are non-market producers too. The value of their output is also determined from production costs similar to government output.

Intermediate consumption (purchasers' prices)

Goods and services used as input in a production process, with the exception of capital goods. Intermediate consumption consists of goods transformed into other goods or used up entirely in the course of the production process (by definition, this holds for all hired services). According to international standards an acquired good or hired service is classified as a fixed asset rather than intermediate consumption when it lasts over one year in a production process. Goods and services that are part of intermediate consumption are valued at market prices at the time they were used.

Value added (basic prices)

The value of all goods and services produced (output at basic prices), minus the goods used up in production (intermediate consumption at purchasers' prices).

Gross domestic product (GDP)

Gross domestic product (GDP) is a quantity that expresses the size of an economy. The volume change of GDP during a reference period expresses the growth or decline of the economy. Gross domestic product at market prices is the final result of the production activity of resident units. It can be defined in three ways:

- production approach: GDP is the sum of gross value added of the various institutional sectors or the various industries plus taxes and less subsidies on products (which are not allocated to sectors and industries). It is also the balancing item in the total economy production account.
- expenditure approach: GDP is the sum of final uses of goods and services by resident institutional units (final consumption and gross capital formation), plus exports and minus imports of goods and services.

- income approach: GDP is the sum of uses in the total economy generation of income account (compensation of employees, taxes on production and imports less subsidies, gross operating surplus and mixed income of the total economy).

Net domestic product at market prices (NDP) can be obtained by deducting consumption of fixed capital from GDP.

Taxes on production and imports

Taxes on production and imports are compulsory payments, in cash or in kind, to the government and the European Union (EU), which are related to production, imports and to the use of production factors, such as employing people, owning and using land and real estate and other fixed assets. The taxes have to be paid regardless of profits made. Taxes on production and imports are classified into taxes on products and other taxes on production.

Taxes on products

Taxes that are payable per unit of a given good or service produced or imported. The tax may be a specific amount of money per quantity unit of a good or service, or it may be calculated as a specified percentage of the price per unit or value of the goods and services produced or traded.

Taxes on imports (excluding VAT)

Taxes on imports are related to the value or the volume of imported products. Examples are import duties and excise duties on imported fuel.

Imputed VAT

Value added tax (VAT) is a tax on goods and services collected in stages by enterprises and which is ultimately charged in full to the final purchaser. Producers only hand over the difference between the VAT on their sales and the VAT on their purchases. The imputed VAT is calculated by applying the tax rates to the relevant goods and service transactions. Relevant means that VAT is only calculated in the case of a final levy. This is mainly the case of consumption by households and purchases by 'exempted' enterprises. These enterprises are exempted from VAT payment. Because they do not charge VAT on the sales they cannot deduct the VAT on their purchases. This makes the VAT on their purchases a final levy.

Difference imputed and paid VAT

Imputed VAT differs from VAT actually paid to the government. This is due to acquittals, bad debts, fines, the Regulation for small entrepreneurs and VAT evasion. The difference is not allocated to different industries, but added to the sum of value added at basic prices plus product-related taxes minus subsidies on the level of the total economy. This way GDP at market prices is obtained.

Other taxes on production

Other taxes on production include all taxes on production paid by producers, not related to the value or the volume of products produced or transacted. Examples are real estate tax and sewerage charges paid by producers.

Subsidies

Current payments from the Dutch government or the European Union to resident producers. They include subsidies on products and other subsidies on production.

Subsidies on products

Subsidies payable per unit of a good or service produced or imported. The subsidies are related to the value or volume of product.

Other subsidies on production

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 are subsidies on agricultural products, subsidies on R&D and wage subsidies.

Compensation of employees

The total remuneration, in cash or in kind, paid by employers to their employees in return for work done during the reporting period. Compensation of employees consists of wages and salaries and employers' social contributions.

Wages and salaries

The remuneration, in cash or in kind, paid by employers to their employees in return for work done during the reporting period. They include social contributions, income taxes and other payments payable by the employee, including those withheld by the employer and paid directly to social insurance schemes, tax authorities, etc. on behalf of the employee.

Employers' social contributions

Employers' social contributions are related to their employees' wages and consist of payments to insurers for social security, private social contributions (including premiums for pension schemes) and the imputed social contributions such as sickness benefits paid to employees.

Consumption of fixed capital

The decline in value of fixed assets owned, as a result of normal wear and tear and obsolescence, also called depreciation.

The *perpetual inventory method* (PIM) is applied to estimate the consumption of fixed capital. The capital stock at the beginning of the year is brought to replacement value by adjusting for price changes of similar capital goods in the reporting year. The fixed capital formation during the year is added to this capital stock. Next, the value of discarded capital goods is subtracted. This gives the value of capital stock at the end of the year. The consumption of fixed capital is obtained by applying a depreciation percentage.

This method may differ considerably from the method used to calculate depreciation in business accounts, which is based on historical costs or fiscal life span.

Operating surplus / mixed income

The surplus that remains after compensation of employees and taxes less subsidies on production and imports have been subtracted from the sum of value added at basic prices. For the self-employed (who are part of the sector households) the surplus is called mixed income, it consists of a reward for their entrepreneurship and compensation for their labour.

In the system of national accounts gross means that consumption of fixed capital has not been subtracted. When it has, net is used. Consumption of fixed capital must be paid for from the gross operating surplus.

Final expenditure and imports

Imports and exports (valuation)

In the supply and use tables the value of imported and exported goods is determined at the Dutch border.

The consequences of this valuation are:

- imports of goods include the transport and insurance costs incurred abroad (cost-insurance-freight = cif valuation)

- exports of goods include the transport and insurance costs incurred in the Netherlands (free on board = fob valuation).

The value at the Dutch border cannot be applied directly. In order to guarantee that the balance of the exports and imports of goods and services (the export surplus) corresponds to actual payments, which are on balance received from the rest of the world, the following rules of accounting are applied:

- when the transport of exports in the Netherlands is carried out by a foreign carrier, the costs up to the border (included in the exports of goods) are compensated by an import of services
- when the transport of imports in the rest of the world is carried out by a Dutch carrier, the costs abroad (included in the imports of goods) is compensated by an export of services.

At the macro level imports of goods is valued free on board at the border of the exporting country. The transition from valuation of imported goods at cif to fob consists of:

- a cif/fob adjustment of the transport costs abroad of Dutch carriers. Total imports (goods) and exports (services) are reduced by the same amount
- a cif/fob reclassification of the transport costs abroad of foreign carriers, from imports of goods to imports of services. It leaves total imports unchanged.

Imports of goods and services

Transactions in goods and services (sales, barter and gifts) from non-residents to residents (in the Netherlands). Imports of goods occur when economic ownership of goods is passed from non-residents to residents. This applies irrespective of corresponding physical movements of goods across borders. An enterprise or institution is considered resident after it has been active in the Netherlands for at least one year. This applies irrespective of the question whether the enterprise or institute has foreign owners.

Exports of goods and services

Transactions in goods and services (sales, barter and gifts) from residents (in the Netherlands) to non-residents. Exports of goods occurs when economic ownership of goods is passed from residents to non-residents. This applies irrespective of corresponding physical movements of goods across borders. An enterprise or institution is considered resident after it has been active in the Netherlands for at least one year. This applies irrespective of the question whether the enterprise or institute has foreign owners.

Final consumption expenditure

Expenditure on goods or services that are used for the direct satisfaction of individual or collective needs. Expenses may be incurred at home or abroad, but they are always incurred by resident institutional units, that is households or institutions residing in the Netherlands. By definition only households, non-profit institutions serving households (NPISHs) and government institutions can consume. Enterprises do not: expenses they incur on goods and services are thought to serve production and are therefore classified as intermediate consumption or fixed capital formation. General government is a special case. The government also has intermediate consumption, just like enterprises. But the output delivered by the government which is not directly paid for, non-market output (like safety), is classified as consumption by the general government. It is said that the government 'consumes its own production'. The system of national accounts requires that all that is produced is also consumed. By convention, government output is consumed by the government itself. This is not the only consumption by the general government. It also includes social transfers in kind. In the Netherlands this mainly concerns health care bills paid for by the government and an allowance for rent.

Classification of final consumption expenditure and actual individual consumption

From an international viewpoint two different classifications for the final consumption expenditure and actual individual consumption are in use: according to product groups and according to purpose. The classification according to product groups represents the viewpoint of the producers; this classification is also used in the supply and use tables. The classification according to purpose reflects the viewpoint of the consumer more. Here the difference between goods and services is of no importance. For instance, the transport purpose encompasses the purchase of vehicles as well as the purchase of transport services.

In the Dutch national accounts both final consumption expenditure and actual individual consumption by households are also classified according to goods and services categories. The specific Dutch classification can be regarded as a classification from the viewpoint of the retail trade. It is really a mix of the classification according to product groups and purposes.

Final consumption expenditure by households

Final consumption expenditure by households includes the following marginal cases:

- income in kind, like accommodation, food, clothing and company cars
- services of dwellings, which are occupied by the owners themselves and without any actual rent payments. These services are valued by applying the rents of similar dwellings
- goods and services produced for own use, as in agriculture. The value of these products is calculated by applying the market prices for similar products
- durable consumption goods such as private cars, household appliances, furniture and clothing. However, the purchases of dwellings by households are not seen as final consumption, but as fixed capital formation by households.

The detailed data on consumption of households concern private domestic consumption expenditure. This includes final consumption in the Netherlands by residents and non-residents. Final consumption by households can be calculated by deducting the final consumption by non-residents in the Netherlands (registered as exports) from private domestic consumption expenditure and adding final consumption by residents in the rest of the world (registered as imports).

Final consumption expenditure by NPIs serving households

Final consumption expenditure by non-profit institutions (NPIs) serving households consists of all the non-market output of this sector excluding their own account capital formation.

Final consumption expenditure by general government

Final consumption expenditure by general government results from the specific recording of government output. Only a small part of government output is actually sold (market output). The larger part of government output is paid out of public funds and provided free of charge (non-market output). Because the allocation of government output to specific users is virtually impossible, the government is by convention considered to be the consumer of its own output. Because of the absence of market prices, output and final consumption expenditure by general government is calculated from the production costs:

	intermediate consumption
<i>plus:</i>	compensation of employees
<i>plus:</i>	consumption of fixed capital
<i>plus:</i>	other taxes on production (paid by the government)
<i>minus:</i>	other subsidies on production (received by the government)
=	output (basic prices)
<i>minus:</i>	sales (=market output)

minus: own-account capital formation
plus: social benefits in kind via market producers

= final consumption expenditure by the government

Final consumption expenditure by the government consists of individual and collective consumption expenditure.

Individual consumption expenditure

Expenditure on goods and services for the direct satisfaction of individual human needs. This spending is done by either households, NPIs serving households or government.

Collective consumption expenditure

Expenditure on goods and services for the direct satisfaction of collective needs of the community or members of a particular section of the community. Collective consumption spending is done by government and mainly concerns expenditure on:

- management and regulation of society, security and defence
- law and order, legislation and regulation
- environmental protection
- research and development
- infrastructure and economic development.

Actual individual consumption

Final consumption expenditure by households refers to expenditure on consumption goods and services. In contrast, actual final consumption refers to the acquisition of consumption goods and services. The difference between these concepts lies in the treatment of certain goods and services financed by the government or NPIs serving households but supplied to households as social transfers in kind.

By convention, all final consumption expenditure by NPIs serving households and most of the final consumption expenditure by the government in the field of education, health, social security and welfare, sports and recreation and culture are treated as individual consumption.

So actual individual consumption is:

final consumption expenditure by households
plus: final consumption expenditure by NPI households
plus: individual consumption by the government
 = actual individual consumption

Net material government consumption

Net material government consumption is the sum of the intermediate consumption, the consumption of fixed capital and other taxes on production paid minus other subsidies on production received and sales by government (market output). The price index of the net material government consumption (IMOC) is its average price change. This price index is used in multiannual contracts, agreements and government budgets.

Fixed capital formation

Expenditure on produced assets that are used in a production process for more than one year. This may concern a building, dwelling, transport equipment or a machine. This in contrast with goods and services which are used up during the production process, the so-called intermediate consumption (e.g. iron ore). The purchase of cars, furniture etc. by households is not considered fixed capital formation. Fixed capital loses value over time as a result of normal wear and tear and obsolescence. This is called consumption of fixed capital. The total value of fixed capital formation is called 'gross fixed capital formation'. Deduction of the consumption of fixed capital results in 'net fixed capital formation'.

The following types of fixed assets exist: dwellings and other buildings and structures, machinery and equipment, transport equipment, weapon systems (included in machinery and equipment), computers, software, research and development, cultivated biological resources (e.g. livestock and trees), mineral exploration and evaluation, and costs of ownership transfer on non-produced assets, like land, contracts, leases and licences. The ESA 2010 specifies these fixed assets.

Changes in inventories

Changes in the stock of raw materials, semi-finished products, work-in-progress (unfinished works like ships or machines) and finished products still held by the producer and changes in trading stock. Changes in stock do not include work-in-progress in construction. Positive changes in inventories arise when products are finished in the reporting period but not yet sold. Alternatively, they arise when goods are purchased for intermediate consumption but have not yet been used in the production process, or sold in the case of trade. Negative changes in inventories arise when goods from stocks have been sold, or used in the production process.

In measuring changes in inventories, changes in prices during the reference period are not allowed to have any effect. The initial and final inventory is therefore valued at the same price. Raw materials are valued at the average price of purchase. Final products are valued at the average selling price. Work-in-progress is valued at the average cost price.

Acquisitions less disposals of valuables

This transaction consists of the acquisitions less disposals of precious stones, non-monetary gold, antiques, art objects and jewellery that are acquired and held primarily as stores of value. In the national accounts this transaction is generally combined with changes in inventories.

Distributive transactions

Interest

Interest is imputed to the period for which the underlying claim or debt exists. The actual interest payments or receipts are corrected for imputed bank services. Therefore there is a shift from actual interest payments and receipts to the production or the consumption of bank services. For producers of imputed bank services this means a decrease in the received interest and an increase in the paid interest with respect to the actual interest flows. For the consumers of imputed bank services this means an increase in received interest and a decrease in paid interest, compared to the actual interest flows.

Actual interest receipts

Actual interest receipts: the interest receipts imputed to the period for which the underlying claim exists. This deviates from the concept of interest in the national accounts. In the concept of interest in the national accounts, the actual interest is corrected for imputed bank services.

Actual interest payments

Actual interest payments: the interest payments imputed to the period for which the underlying debt exists. This deviates from the concept of interest in the national accounts. In the concept of interest in the national accounts, the actual interest is corrected for imputed bank services.

Financial intermediation services indirectly measured (FISIM)

Banks generally deal with financial intermediation, that is acquiring, transforming and distributing financial means. The concept of imputed bank services encompasses the remuneration for financial services which are not paid for directly. This remuneration is

included in the actual interest paid or received. In the national accounts this indirect remuneration is specified as financial intermediation services indirectly measured.

The size of the imputed bank services is determined on the basis of a reference rate. This reference rate equals the rate of the interbank loans. The difference between the reference rate and the actual interest paid to depositors or the actual interest received from borrowers is the indirectly measured financial intermediation service charge. The actual interest paid and received is corrected for these imputed bank services.

Dividends

Dividends are a kind of property income received by owners of shares to which they become entitled as a result of placing funds at the disposal of corporations. Dividends are recorded gross, before deduction of dividend tax. This also applies to the taxes on dividends to and from the rest of the world. Dividends are recorded at the moment they are made payable.

Withdrawals from income of quasi-corporations

Quasi-corporations have no independent legal status. However, they have an economic and financial behaviour that is different from that of their owners and similar to that of corporations. Therefore they are classified as non-financial or financial corporations. Government firms, which are part of the government in terms of administration, are included as quasi-corporations. The profits made by government firms are withdrawn from the quasi-corporations as income and booked under government. Government contributions to covering the deficits of government firms are booked as subsidies.

Reinvested earnings on direct foreign investment

Reinvested earnings on direct foreign investment include the part of the profits of a foreign subsidiary that has not been transferred to the parent company in the form of dividends. If the dividend paid is greater than the profits in a given year, this means that the reinvested earnings on direct foreign investment are negative. In the financial accounts the interest on direct foreign investment is listed as shares purchased.

Other investment income

Other investment income consists of:

- investment income attributable to insurance policy holders
- investment income payable on pension entitlements
- investment income attributable to collective investment fund shareholders.

Income attributable to insurance policy holders

In the national accounts pension and life insurance technical reserves are seen as a liability of insurance corporations to policy holders. Therefore, the investment revenues on these technical reserves are booked as payments from insurance corporations to households. Subsequently, households pay back these revenues as imputed contributions to pension funds and life insurance corporations. In the financial accounts the latter transaction is recorded as a component of net equity in life insurance and pension funds technical reserves.

Investment income payable on pension entitlements

Pension entitlements arise from one or two different types of pension schemes. These are defined contribution schemes and defined benefit schemes.

A defined contribution scheme is one where contributions by both employers and employees are invested on behalf of the employees as future pensioners. No other source of funding of pensions is available and no other use is made of the funds. The investment income payable on defined contribution entitlements is equal to the investment income on the funds plus any income earned by renting land or buildings owned by the fund. The characteristic of a defined benefit scheme is that a formula is used to determine the level of payments to be made to pensioners. This characteristic makes it possible to

determine the level of entitlements as the present value of all future payments, calculated using actuarial assumptions about life lengths and economic assumptions about the interest or discount rate. The present value of the entitlements existing at the start of the year increases because the date when the entitlements become payable is one year nearer. This increase is regarded as investment income attributed to the pension holders in the case of defined benefit scheme. The amount of the increase is neither affected by whether the pension scheme actually has sufficient funds to meet all the obligations nor by the type of increase in the funds, whether it is investment income or holding gains, for example.

Investment income attributable to collective investment fund shareholders

Investment income attributable to collective investment fund shareholders, including mutual funds and unit trusts, consists of the following separate components:

- dividends attributable to collective investment fund shareholders
- retained earnings attributable to collective investment fund shareholders.

The dividend component is recorded in exactly the same manner as dividends for individual corporations. The retained earnings component is recorded using the same principles as those described for foreign direct investment enterprises but is calculated excluding any reinvested earnings on foreign direct investment. The remaining retained earnings are attributed to the investment fund shareholders leaving the investment fund with no saving, and are re-injected into the fund by the investment fund shareholders in a transaction recorded in the financial account.

Resource rent

There are two different types of resource rents: rent on land, and rent on subsoil assets. Rents on other natural resources follow the same pattern. Examples are rents received by landowners from tenants and royalties received by the owners for the permission to explore or to extract minerals or fossil fuels.

Current taxes on income and wealth

Current taxes on income and wealth of corporations consist of corporation tax and dividend tax. These taxes are based on the profits of corporations. Current taxes on income and wealth of households include all taxes that are periodically imposed on income and wealth such as income tax, the wage tax, and property tax. Non-recurring levies, such as inheritance tax are defined as capital transfers.

Several types of taxes are simultaneously seen as taxes on production and imports when imposed on producers, and as taxes on income and wealth when imposed on households. For instance, motor vehicle tax is a tax on production when it is imposed on company cars and it is a tax on income and wealth and imports when it is imposed on cars for private use.

The treatment of dividend tax results from the recording of dividends. Because dividends are recorded gross, i.e. before deduction of dividend tax, dividend tax is always recorded at the receiving sector. The same applies for the dividend tax to and from the rest of the world.

Social contributions

Social contributions include social security contributions, private social contributions (including contributions to pension schemes) and imputed social contributions. Employers, employees, self-employed persons and non-active persons pay these contributions. In practice, the employers' part is paid directly to social security funds, life insurance companies and pension funds. However, in the national accounts, the employers' contributions are supposed to be part of primary income of households (i.e. the income from direct participation in the production process). Therefore, these contributions are treated as payments by employers to households as part of the compensation of employees in the production account and as a payment by households to the insurers in the income account.

Contributions to pension schemes

Contributions to pension schemes are based on collective contracts with pension funds and life insurance companies.

The contributions are calculated as follows:

	actual contribution to pension schemes (gross)
<i>plus:</i>	employer's imputed contributions
<i>plus:</i>	supplement from investment income
<i>minus:</i>	compensation of insurance serves (part of consumption of households)
=	contributions to pension schemes (net).

The supplement from investment income is part of the property income payable on pension entitlement.

Imputed social contributions

Imputed social contributions represent the counterpart to the unfunded employee social benefits (less any employees' social contributions) paid directly by employers to their (former) employees. It is necessary to introduce this imputation because the direct payments are recorded twice. Firstly, they are recorded as employers' social contributions (part of the compensation of employees). Secondly, they are recorded as social benefits. This fictional transaction neutralises the double count in imputed social premiums.

Social benefits (in cash)

Social benefits are transfers to households, intended to relieve them from the financial burden of a number of risks or needs, such as sickness, invalidity, disability, old age, survivors and unemployment.

Social benefits are classified as social security benefits, social assistance benefits, private social benefits, pension benefits and unfunded employee social benefits.

Social assistance benefits

Social assistance benefits are payments of the central and local government to households, for which no quid pro quo by the beneficiary is expected. These benefits are based on a number of Dutch laws, such as the Act on Labour and Social Assistance (*Wet Werk en Bijstand*).

Pension benefits

Pension benefits are private social benefits. They are provisions in old age, specifically insurances by the employers for the employees at pension funds and life insurance companies. Pensions may be payable to widows and widowers or to people who suffer an industrial injury and are no longer able to work.

Non-life insurance premiums

These premiums provide cover against damage as a result of fires, floods, crashes, collisions, sinking, theft, violence, accidents, sickness, etc.

The premiums are paid by policy holders to non-life insurance companies. The premiums are recorded net (i.e. the service charges are deducted).

Non-life insurance claims

Non-life insurance claims represent the amount that insurance enterprises are obliged to pay in settlement of injuries or damage as a result of fires, floods, crashes, collisions, sinking, theft, violence, accidents, sickness, etc. The claims are paid by the insurance enterprises to the policy holders.

Other current transfers n.e.c.

This transaction includes all transactions not mentioned before, excluding capital transfers. It mainly consists of the current transfers within the general government.

Adjustment for net equity in pension funds' reserves

Since in the financial accounts households are treated as owners of their pension entitlements an adjustment item is necessary to ensure that any excess contributions to pension schemes over pension benefits do not affect household savings. This adjustment is equal to the difference between net pension contributions (including imputed contributions) and pension benefits. In this way the household savings remain at the same level they would have been at if the pension premiums and pension benefits had not been included as income transactions.

Capital transfers

Capital transfers are payments for which no quid pro quo by the beneficiary is expected. They burden the wealth of the payer, or are meant to finance fixed capital formation or other long-term expenditures of the receiver. Capital transfers can be divided into investment grants, capital taxes, other capital transfers and imputed capital transfers.

Investment grants

Investment grants are capital transfers that are intended to finance fixed capital formation of other units.

Capital taxes

Capital taxes are compulsory, non-periodical payments to the government. They are based on the wealth of taxable persons. In practice they only cover inheritance tax. Taxes on net wealth of individuals are imposed periodically and are therefore recorded as tax on income and wealth.

Other capital transfers

Other capital transfers are capital transfers that cannot be characterised as investment grants or as capital taxes.

Acquisitions less disposals of non-produced non-financial assets

Acquisitions less disposals of non-produced non-financial assets mainly consist of sales of land by public (municipal) development corporations to investors in dwellings and non-residential buildings. The valuation of sales and purchases of land excludes VAT and transfer costs. These are included in fixed capital formation. Immaterial assets such as the sales of UMTS frequencies are included for the government sector.

Financial transactions

General

Financial transactions are changes in financial assets and liabilities to other sectors and the rest of the world. In general, these changes in assets (or liabilities) are measured as the difference between provided (or attracted) financial resources and redemptions.

However, the value of transactions in securities such as shares and bonds is determined as a balance of all purchases (in the case of changes in assets) and as a balance of all sales (in the case of changes in liabilities). Revaluations, for example as a consequence of changes in exchange rates, are not recorded as financial transactions.

Financial transactions may have the following causes:

- the financial transaction is the result of a current or a capital transaction. Both transactions are recorded at the same moment at the same value
- the financial transaction is the result of another financial transaction. Both transactions are also recorded at the same moment at the same value.

In grouping the financial transactions, efforts have been made to combine two points of view:

- the character and the form of the relevant transactions. In this way a picture arises of the developments of a number of market segments for the money and capital market
- the maturity and transferability of assets and liabilities. This is important for judging liquidity and solvability of a sector.

Monetary gold and special drawing rights

Monetary gold includes all gold that is not intended for industrial purposes and not held in the form of valuables. Monetary gold can only be held by the Dutch Central Bank (DNB). The special drawing rights (SDRs) consist of the international reserve assets created by the IMF. This transaction only exists for DNB.

Currency and deposits

Currency consists of notes and coins in circulation that are commonly used to make payments. Deposits consist of transferable deposits, savings deposits and other deposits.

Transferable deposits

Transferable deposits include all deposits in euros and foreign currency with resident and non-resident banks which are repayable on demand, immediately and without restriction by cheque, ATM, standing order or by other means (deposits on smart cards). They also include balances on current account deposits held with central government by local government.

Savings deposits

These deposits include all deposits in euros and foreign currency of both residents and non-residents in the form of normal saving accounts, fixed saving accounts, premium saving accounts and fixed-term saving accounts.

Other deposits

Other deposits include all deposits in euros and foreign currency at any resident and non-resident bank (except for saving deposits in euros), which are not immediately transferable without restrictions. They also include other deposits held with central government by local government.

Debt securities

Debt securities are negotiable financial instruments serving as evidence of debt.

Short-term debt securities

All securities with a maximum term of one year, which in principle are transferable against a price that has been fixed in advance.

Examples of short-term debt securities are Dutch Treasury Certificates, certificates issued by financial institutions (deposit saving certificates to bearer and transferable certificates of deposits) and certificates issued by local governments and companies (commercial paper).

Long-term debt securities

All transferable securities, which generally do not mature within one year. They are usually quoted at the stock exchange. The interest on long-term bonds is made payable through coupons. Mortgage bonds, notes issued by banks and convertible bonds as long as they have not been converted into shares, also belong to this type of assets.

Loans

Loans are credits which do not have the characteristics of deposits.

Short-term loans

Short-term loans are all credits that do not have the characteristics of deposits and that mature by contract within one year. Included are short-term loans from financial institutions, balances on current accounts (except transferable deposits), short-term consumer credit, bills (of exchange) and promissory notes.

Long-term loans

Long-term loans are all credits, which do not have the characteristics of deposits and which do not mature within one year. They mainly concern long-term loans on obligations (mainly by institutional investors), mortgage loans and long-term consumer credit.

Equity, investment fund shares or units

Equity and investment fund shares or units are claims, which are - fully or partly - entitled to a share in profits or in the own funds in case of liquidation. Included is the value of capital formation by the government in public enterprises (quasi-corporations) that belong to the government.

Equity and investment fund shares or units include:

- listed shares
- unlisted shares
- other equity
- investment fund shares or units.

Insurance, pension and guarantee schemes

Insurance, pension and standardised guarantee schemes are divided into six subcategories:

- non-life insurance technical reserves
- life insurance and annuity entitlements
- pension entitlements
- claims of pension funds on pension managers
- entitlements to non-pension benefits
- provisions for calls under standardised guarantees.

Non-life insurance technical reserves

Non-life insurance technical reserves are financial claims that non-life insurance policy holders have against non-life insurance corporations in unearned premiums and claims incurred.

Life insurance and annuity entitlements

Life insurance and annuity entitlements consist of financial claims that life insurance policy holders and beneficiaries of annuities have against corporations providing life insurance.

Pension entitlements and claims of pension funds

Pension entitlements comprise financial claims that current employees and former employees hold against either:

- their employers
- a scheme designated by the employer to pay pensions as part of a compensation agreement between the employer and the employee
- an insurer.

This is the second pillar of the Dutch pension system, in other words the pensions employees accumulated and not the old age pensions (AOW). The present value of all pension claims is also booked here. The pension claims may deviate from the value of the investments. If the funding ratio is 110 for instance, the investments are worth 10 percent more than the claims.

Claims of pension funds on pension managers and entitlements to non-pension benefits

For the Netherlands this category only relates to claims of pension funds on pension managers, entitlements to non-pension benefits don't occur here.

In the Netherlands, claims of pension funds on pension managers are only applicable to corporate pension plans with defined benefit schemes. The positive and negative reserves are attributed to employers and not to the employees.

Provisions for calls under standardised guarantees

Provisions for calls under standardised guarantees are financial claims that holders of standardised guarantees have against institutional units providing them. Provisions relating to calls under standardised guarantees are prepayments of net fees and provisions to meet outstanding calls under standardised guarantees. Like provisions for prepaid insurance premiums and reserves, provisions for calls under standardised guarantees include unearned fees (premiums) and calls (claims) not yet settled. Standardised guarantees are guarantees that are issued in large numbers, usually for fairly small amounts. In the Dutch situation the only items that meet the standards for guarantees are the premiums and payments by guarantee funds.

Financial derivatives

Financial derivatives are financial securities based on or derived from other underlying valuables (share price indices, interest rates, foreign currencies etc.) used to avoid risk or to speculate. Most financial derivatives are agreements made about expected future buy and sell prices of the underlying asset or agreements to swap cash flows against each other.

Only the derivative instruments that have a market value (because they are marketable or can be offset on the market), will be considered liabilities in the national accounts.

The financial derivatives include options, warrants, futures, swaps and forward rate agreements. The derivatives do not include the underlying value, the margin deposit and the derivative instruments that are not marketable.

The financial derivatives are recorded net on the assets side of the balance sheets, financial transactions and other changes, meaning that no liabilities are presented but

only net assets. The outstanding positions can therefore have a negative value. Share options for employees are contracts that give the employee the right to buy a given number of shares from the employer at a set price, either at a given time or within a given period immediately following the date the options can be acquired.

Other accounts receivable and payable

The transactions in the sector accounts are mainly recorded at a moment that does not coincide with the moment the transaction is completed. These time differences cause changes in assets and liabilities, which are recorded in the transaction 'other accounts receivable and payable'. Financial transactions in other accounts receivable and payable include:

- trade credits and advance payments
- other accounts receivable/payable.

Trade credits and advance payments are financial agreements that result from direct credits by suppliers of goods and services to their clients, and the advance payments by clients for goods and services that have not yet been delivered.

Other accounts receivable/payable are financial claims that arise due to the time differences between the distributive transactions and the financial transactions on the secondary market and the related payments. Other accounts receivable/payable consist of financial claims that arise from the time difference between the moment of the imputation of the transactions to a reporting period and the related payments, such as:

- wages and salaries
- taxes and social contributions
- dividends
- rent
- purchase and sales of stocks.

The balancing items in the sector accounts

Domestic product / value added

Value added is output minus intermediate use. Value added is valued at basic prices. To make value added of the total economy at basic prices equal to GDP obtained through the expenditure approach or the income approach, the sum of product-related taxes less subsidies and the difference between imputed and paid VAT has to be added. The result is called GDP at market values.

Included is the output by all kind-of-activity units residing in the Netherlands, including those that are held by foreign owners. The kind-of-activity units include general government units and other non-commercial units.

National income / primary income

Total primary income received by resident institutional units: compensation of employees, net operating surplus / mixed income, net property income and net taxes on production and imports less subsidies. Incomes flowing from one domestic sector to another have no effect on net national income. Gross national income (at market prices) equals GDP minus primary income paid by resident institutional units to non-resident institutional units plus primary income received by resident institutional units from the rest of the world. The division of payments by member states to the European Union is largely based upon differences in gross national income.

National income is not a production concept but an income concept, which is more significant if expressed in net terms, i.e. after deduction of consumption of fixed capital.

Disposable income

The sum of the net disposable incomes of the institutional sectors. Net national disposable income equals net national income (at market prices) minus current transfers (current taxes on income, wealth et cetera, social contributions, social benefits and other current transfers) paid to non-resident units, plus current transfers received by resident units from the rest of the world. Because disposable national income is not a production concept but an income concept, it is usually expressed in net terms, i.e. after deduction of consumption of fixed capital.

Saving

The portion of national disposable income that has not been used for final consumption expenditure. This equals the sum of the net savings of the various institutional sectors. It is usually expressed in net terms, i.e. after deduction of consumption of fixed capital.

Current external balance

The surplus (if negative) or deficit (if positive) of the total economy for current transactions (trade in goods and services, primary incomes, current transfers) with the rest of the world. The current external balance constitutes the balancing item in the external account of income transactions with the rest of the world and consists of three parts:

- net exports, i.e. the amount of surplus of exports over imports
- net primary incomes received from the rest of the world
- net current transfers from the rest of the world. Current transfers include tax on dividends, social security benefits and other current transfers.

The current external balance also equals the net national savings less the net capital formation.

Net lending or borrowing of the total economy

The national financing balance (net lending or net borrowing) is the balance of resources and expenditure on the national current and capital accounts of the joint domestic sectors. In the financial account of the Netherlands, the sum of net lending or borrowing indicates either to which amount new loans are entered into and/or financial assets have been sold (at a deficit) or to which amount external liabilities have been repaid and/or financial assets have been purchased (at a surplus). Therefore, the balance is in theory equal to the changes in net lending or borrowing to/from the rest of the world, although in practice a statistical difference between the two remains.

Government balance

The balance of government income and expenditure. This is equal to net lending or borrowing by the government in the national accounts. A positive figure means a surplus and a negative figure means a deficit. The government balance is often presented as a percentage of GDP. The government balance is also called the EMU balance. It is part of the Stability and Growth Pact.

Government debt (EMU)

The consolidated debt of the government excluding transitory debt and debt on financial derivatives. Consolidated means that debts between government subsectors are not included in government debt. The debt issues are validated at their nominal value. The government debt is often presented as a percentage of GDP.

Because of the difference in valuation, the sum of the debt issues (nominal) is not equal to the sum of the national accounts (market value). The debt consists of the following titles: deposits, short term debt securities, long-term debt securities, short-term and long-term loans. The government or EMU debt is part of the Stability and Growth Pact.

Changes in financial net worth

Changes in financial net worth as established from the financial transactions, equal all changes in financial relations of one sector with other sectors or with the rest of the world. Basically, this balance equals net lending or net borrowing. However as a consequence of using various sources for current and capital transactions and for financial transactions statistical discrepancies will appear.

8.3 Supply, use and input-output tables

Introduction

This publication presents a supply table (table G 1), a use table (table G 2) and an input-output table (table G 3). This section includes an explanation of the contents of these tables.

Supply table

The supply table (table G 1) describes the supply of different kinds of product. The supply is the production in the Netherlands plus the imports. A distinction is made between domestic output by industry (column 1-21) and imports (column 23-24) of the various product groups.

A row in the supply table describes the supply of a particular product group. For example cell 1,1 shows the output of agricultural products from agriculture, forestry and fishing. Cell 1,23 shows the imports of agricultural products.

A column in the supply table describes the total output of an industry by kinds of product. For example column 3 shows the output of manufacturing by product groups.

Use table

The use table (table G 2) describes the use of different kinds of product. A distinction is made between intermediate consumption by industry (column 1-21) and final expenditure (column 23-28). Final expenditure is broken down into exports, final consumption expenditure by households, final consumption expenditure by general government, gross fixed capital formation and changes in inventories.

A row in the use table describes the destination of each product. For example cell 1,3 shows the intermediate consumption of agricultural products by manufacturing. The exports of these products are recorded in cell 1,23.

By definition, the total of each row in the use table (column 31) is equal to the corresponding row total in the supply table (column 29). Some additional columns are introduced in order to make up for the differences that result from different valuation methods applied in the supply and use tables. These columns are explained in the section on valuation.

A column in the intermediate section of the use table shows the products used (row 1-45) and the value added generated (row 47-51) in the production process of an industry. For example cell 46,3 shows the total intermediate consumption of manufacturing. The gross value added of this industry (at basic prices) can be found in cell 52,3. The total of each column in the use table (row 57) equals the corresponding column total in the supply table (row 48) by definition.

Input-output table

Supply and use are also shown in the input-output table (table G 3). However, the focus is on the volume that went from each supplier to each user. The supplier may be imports and the user exports. Supply and use are not specified by product group. The input-output table is derived from the supply and use tables.

A row of the input-output table represents the output by industry, broken down by category of destination: intermediate consumption by industry and final expenditures. A column in the intermediate section shows from which industries (or imports) the intermediate consumption of an industry originates. For example cell 1,3 shows the intermediate consumption of products of agriculture by manufacturing, while the total imports of goods and services of that industry are shown in rows 23 and 24.

The input-output table also contains value added by industry (row 33-37) and final expenditure by industry of origin (column 23-28). The output of trade and transport margins is recorded in column 29. This column equals row 45 of the supply table. A full allocation of margins by industry is not possible, since it is generally unknown which products are involved and which destination they have. Therefore, trade and transport margins are recorded in a separate row (31) and a corresponding column (29).

Valuation

There are three kinds of valuation for domestic products. The purchasers' price is what the purchaser paid for the product, excluding VAT. However, the producer of the product receives a lower amount. The difference is made up by the trade and transport margins on products. The amount received by the producer is called the producers' price. However, when the producer pays taxes on products (such as excises) or receives subsidies on products, s/he is ultimately left with the so-called basic price.

For imported products there are two kinds of valuation, purchasers' price and cif-price, the price at the Dutch border.

Valuation types of domestic output

	purchasers' price
<i>minus:</i>	trade and transport margins
<i>minus:</i>	taxes on products paid
<i>plus:</i>	subsidies on products received
=	basic price

Valuation types of imported products

	purchasers' price
<i>minus:</i>	trade and transport margins in the Netherlands
<i>minus:</i>	taxes on imports
<i>plus:</i>	subsidies on re-exports
=	cif-price

In the use table, domestic output and imports are valued in purchasers' prices. Non-deductible VAT is entered in a separate row (row 45). In the supply table, domestic output is valued at basic prices and imports are valued at cif prices. The totals for trade and transport margins and taxes and subsidies on products can be found in column 26-28. This way, the total of each product in the supply table equals the corresponding total in the use table.

In the input-output table, domestic output is valued in basic prices. Imported goods for intermediate and final expenditure are valued at cif prices. After the cif/fob adjustment in column 31 the imports of goods valued at fob prices remains. Trade and transport margins on purchased goods are shown in row 31. Taxes on imported products are recorded in row 25-26; import duties are included here.

Relation between the use table, the input-output table and the macro-totals

Several extra rows and columns have been added to the use table and the input-output table in order to link them to the macro-aggregates. These are explained below.

Sales of used fixed capital goods

The stock of fixed capital goods will be increased by purchases of newly produced and imported fixed capital goods and diminished by sales of used fixed capital goods. Sales are recorded in the column 'fixed capital formation'. The counter-entries are exports in the case of sales to the rest of the world, or final consumption expenditure by households in the case of sales to households. Imports of used fixed capital goods have been completely allocated to fixed capital formation.

Final consumption by non-residents in the Netherlands

Private final consumption expenditure in the Netherlands also includes consumption by non-residents, for example their holiday spending in the Netherlands. These are excluded from final consumption expenditure by households through an additional entry. A counter-entry is added under exports.

Final consumption by residents in the rest of the world

The opposite of consumption by non-residents in the Netherlands is the final consumption by Dutch residents in the rest of the world. Final consumption expenditure by households has been adjusted for these expenditures. In a separate column 'final consumption by residents in the rest of the world' a counter-entry is added on imports.

Difference between paid and imputed VAT

Non-deductible VAT is estimated on the basis of underlying transactions and charged tariffs. This VAT-amount, called the imputed VAT, must be transferred by the enterprises to the central government. However, the actual receipts by the government are not equal to this amount due to fines, discharges, acquittals and bad debts. The non-paid VAT is added to the operating surplus in a separate column called 'paid minus imputed VAT'. Therefore, the total of the row 'non-deductible VAT' is the amount received by the government.

8.4 Sectors in the sector accounts

Introduction

The sector accounts present a review of all economic processes, like production, income distribution and financing in successive accounts. These accounts are not only compiled for the national economy, but also for five different domestic sectors. In this way the sector accounts describe:

- the role of each sector for each economic process, for instance general government in the income redistribution and financial corporations in financing
- all economic transactions and their relation to other domestic sectors and the rest of the world for each sector.

Five sectors are distinguished according to internationally agreed upon criteria: non-financial corporations, financial corporations, general government, households and non-profit institutions serving households (NPISHs).

The sectors in the sector accounts

The sector accounts describe the transactions between Dutch economic units and other Dutch and foreign economic units. The Dutch economic units include all corporations established in the Netherlands, all Dutch government institutions in the Netherlands and abroad and all resident natural persons.

Corporations include all incorporated enterprises and some unincorporated enterprises. Examples of these unincorporated enterprises (quasi-corporations) are public transport companies and large family enterprises. Foreign enterprises settled in the Netherlands are also considered Dutch corporations. Affiliates of Dutch enterprises in foreign countries, on the other hand, are not recorded as Dutch corporations. However, profits and other financial flows are covered in the national accounts, as are Dutch subsidiaries of foreign enterprises.

All corporations and quasi-corporations are part of the non-financial corporations and financial corporations sectors.

Non-financial corporations

The non-financial corporations sector consists of all (quasi-)corporations that are principally engaged in the production of goods and marketable non-financial services.

Non-financial corporations include:

- all corporations, quasi-corporations and co-operative organisations which do not belong to the financial corporations. Also major independently operating non-financial enterprises without legal personality are included, such as large family firms
- all non-profit institutions that do not belong to the other sectors. Examples are old people's homes, hospitals and housing corporations. At least 50 percent of production costs should be covered by sales, otherwise the institution is considered part of the government sector or the sector of non-profit institutions serving households
- public enterprises, which are fully or partly owned by the government, such as the Dutch Railways (NS).

Financial corporations

The financial corporations sector consists of all (quasi-)corporations which are principally engaged in financial intermediation. This means acquisition, transformation and distribution of financial resources and financial auxiliary services. Also included are corporations providing financial services, where most of either their assets or their liabilities are not on open markets.

This sector consists of nine subsectors in three groups: monetary financial institutions, insurance corporations and pension funds, and other financial institutions.

Monetary financial institutions include:

- the Dutch Central Bank(DNB)
- banks that are legally required to report to DNB due to supervisory legislation. This group includes general banks, savings banks and mortgage banks
- money market funds.

Insurance corporations and pension funds include:

- all institutions under supervision of the Dutch Central Bank like pension funds, life and non-life insurance companies and saving funds
- institutions not under supervision of the Dutch Central Bank such as early retirement funds and reinsurance corporations
- privately organised social insurance institutions. These institutions execute social insurance schemes outside the government's sphere of influence.

Other financial institutions include:

- investment funds (with the exception of money market funds)
- institutions that do not have to report to DNB, like autonomous financing and lease companies, municipal credit banks and regional development companies
- financial auxiliaries for banking like the Amsterdam Stock Exchange, the European Option Ex-change, credit card organisations and credit and mortgage intermediation services
- financial auxiliaries for pensions and insurance like insurance agents, guarantee funds, pension consultancies and insurance exchanges
- holdings of monetary financial institutions, insurance corporations and pension funds, which are not under supervision themselves
- non-profit institutions with a legal status primarily engaging in financial intermediation or the provision of financial auxiliary services and non-profit institutions serving financial corporations
- captive financial institutions and money lenders.

Not included in the sector financial corporations are:

- legally autonomous investment trusts which are held by one or more owners that do not belong to any financial corporation themselves. These are included in the sector to which the owner belongs
- non-supervised pension funds providing pension insurance for a single person. These are included in the households sector
- unincorporated financial auxiliaries. These are included in the households sector.

General government

The general government sector consists firstly of all entities (covered by public law) that carry out activities regarding the redistribution of income and wealth. In the Netherlands it concerns ministries, municipalities, provinces, water boards, and the like.

In the second place general government consists of entities that do not produce for the market and are controlled and mainly financed by the aforementioned entities.. Non-market output means that the sales proceeds are less than 50 percent of the production costs. This way ProRail and the Open University, for instance, are recorded as part of the general government.

Government institutions that are active abroad, like embassies, are part of the general government sector as well. On the other hand foreign embassies and international institutions, like Europol and the International Court of Justice, are not part of the Dutch government. Public enterprises (like the Dutch Railways (NS), Amsterdam Airport (Schiphol), the Dutch Municipal Bank (BNG) and quasi-corporations are not part of the general government sector. The Dutch Central Bank (DNB) is not part of the general government either.

The general government sector consists of three subsectors: central government, local government and social security funds.

Central government includes:

- the state (ministries and some budget funds like the Municipal Budget Fund, the Province Budget Fund and the Infrastructure Fund)
- universities
- public corporate organisations like commodity boards
- a group of national foundations and organisations.

Local government includes:

- provinces and district water boards
- municipalities, excluding their quasi-corporations, like public transport companies
- joint ventures of municipalities in waste processing, water treatment, fire brigades, social work provision, etc.
- privatized government services like employment service offices and regional police forces
- local private bodies dealing with labour issues, social work, culture and education such as privatized educational institutions, tutoring services, museums, public libraries, the Youth Work Guarantee Plan and asylums.

Social security funds include:

- supervisory and executive bodies for social security regulations such as the Social Security Agency (UWV)
- social security funds carrying out the Compulsory Pension Funds Act, the Unemployment Insurance Act, etc. The former statutory disability regulations for people employed by the central government (FAOP) are part of the social security funds as well.

Households

The sector households consists of all natural persons who reside in the Netherlands for more than a year, irrespective of their nationality. Dutch citizens who stay abroad for over a year, on the other hand, are not part of the Dutch household sector.

The households sector does not just cover people living independently or in families, but also people living in nursing homes, old people's homes, prisons, boarding schools, etc. If persons are entrepreneurs, their business also belongs to the households sector. This is the case for self-employed persons (sole proprietors).

Large autonomous unincorporated enterprises (quasi-corporations) are included in the non-financial or financial corporations sectors.

Non-profit institutions serving households (NPISHs)

The sector non-profit institutions serving households (NPISHs) consists of foundations and clubs whose resources are principally derived from voluntary contributions from households or from property income. Examples are religious organisations, charities, political parties, trade unions and cultural, sports and recreational organisations.

Rest of the world

In the national accounts the rest of the world is not an institutional sector. The rest of the world covers transactions between resident and non-resident institutional units.

The relation between sectors and industries

In the supply and use tables the business units are classified by industry, or economic activity. Because the main systems match, there is a very precise relationship between the sectors and the industries. Below, the relation between the sectors and the industries is explained.

Non-financial corporations

The non-financial corporations sector consists of all economic units that are not included in other sectors.

Financial corporations

The financial corporations sector consists of economic units in the banking, insurance and pension industries and activities auxiliary to financial intermediation. Some units of these industries are classified in the households sector and government sector. The financial corporations sector includes units from other industries, such as:

- operational lease companies belonging to a financial institution (industry renting of movables)
- holdings of monetary financial institutions, insurance corporations and pension funds, which are not supervised themselves (industry holdings and management consultancies).

General government

The general government sector includes all the units in the industries public administration and social security, defence activities and subsidised education. The government also encompasses units that belong to other industries such as:

- specific municipality activities such as cleansing services (industry sewage and refuse disposal services), social workshops (industry other manufacturing), municipal medical services (industry health and social work activities) and joint ventures of municipalities for these activities
- employment service offices and the Youth Work Guarantee Plan (industry activities of employment agencies)
- research institutions linked to universities (industry research and development)
- ProRail (industry supporting transport activities)
- reception centres, for instance, for people seeking asylum (industry health and social work activities)
- charity, relief and educational organisations.

Households

The sector households consists of all natural persons including their business activities (self-employed people and owner-occupiers of dwellings). Owner-occupiers are part of the industry real estate activities. In principle, self-employed people can occur in every industry, except for the industries that carry out specific government activities.

Non-profit institutions serving households (NPISHs)

Foundations and clubs which belong to the NPISHs sector can be found in health and social work, recreation, culture and sports, and other service activities n.e.c.

8.5 Accounts in the sector accounts

Introduction

Sector accounts present a coherent overview of all economic processes and the roles played by the various sectors. The accounts describe production, generation of income, primary and secondary income distribution, final consumption, redistribution through capital transfers, capital formation and financing.

Each economic process is described in a separate account. The accounts register economic transactions, distinguishing between uses and resources, with a special item to balance each account. By passing on the balancing item from one account to the next a connection is created between subsequent accounts and the processes described in them.

These accounts do not just exist for the total economy; they are also compiled for separate domestic sectors. The accounts of transactions between the rest of the world and the Netherlands mirror the accounts for the national economy. They are presented from the point of view of the rest of the world and contain a current account, a capital account and a financial account. The current account includes imports, exports and income transactions. The successive accounts are explained in more detail below.

The accounts

Production account

The production account shows the transactions related to the production process. The output is registered as a resource, the intermediate consumption as a use. The balancing item for the individual sectors of this account is gross value added at basic prices.

The production account of the total economy is the total of the production accounts for the sectors plus the transactions for which no sectorial distribution is available (taxes and subsidies on products). The balancing item of the production account for the total economy is GDP at market prices.

Income account: generation of income

This account describes the distribution of value added at basic prices to compensation of employees, the balance of taxes and subsidies on production and gross operating surplus. The gross operating surplus is the result before deducting consumption of fixed capital. The balancing item for the sector households is called mixed income, because apart from operating surplus it also contains compensation for work by self-employed persons and their family members. Net operating surplus/net mixed income remains after deducting consumption of fixed capital.

Income account: primary income distribution

This account records as uses the income from direct participation in the production process as well as property income received in exchange for the use of financial resources, land and other intangible assets. The paid property income is registered as a resource. On this account the interest paid and received are registered excluding the imputed bank services. These imputed bank services (an important part of the production by banks) are indirectly measured and are recorded on the production account.

In the national accounts pension entitlements are seen as a liability of collective life insurance enterprises and pension funds to pension participants. Therefore, the investment revenues on these provisions are booked as payments from insurance

enterprises to households by attributing 'income from investments' to policy holders and participants in pension schemes.

The balancing item of this account for each sector is primary income. The primary income for the total economy is the national income.

Income account: secondary income distribution

This account shows how primary income is redistributed through taxes on income and wealth, social contributions (including contributions to pension schemes), social benefits (including pension benefits) and other current transfers.

The balancing item of this account is disposable income. For households, NPISHs and general government this item is passed on to the use of income account. For the other sectors disposable income is equal to savings. This is passed on to the capital account.

Income account: use of income

This account shows which part of disposable income is spent on final consumption and which part is saved. As mentioned, final consumption only exists for households, NPISHs and general government.

The net equity of households in pension funds and life insurance reserves is seen as a financial asset that belongs to households. Changes in these reserves need to be included in the savings of households.

However, contributions to pension schemes and pension benefits are recorded on the secondary income account (as social contributions and social benefits). Therefore, an adjustment is needed to include the change in pension funds reserves on which households have a definite claim, in the savings of households. This adjustment is called adjustment net equity in pension funds reserves.

There is no need for a similar adjustment for life insurance because life insurance premiums and benefits are not recorded as current transactions. The registration of insurance transactions leads to the pension and life insurance provisions being considered savings of resident and non-resident households.

Capital account: capital transfers

Capital transfers, such as investment grants and capital taxes, are recorded on this accounts.

Capital account: capital accumulation

Gross fixed capital formation, changes in inventories, acquisitions less disposals of valuables and non-produced non-financial assets are recorded as uses on this account. The decline in the value of fixed capital goods caused by consumption of fixed capital goods is recorded as a resource.

The balancing item is net lending or borrowing. This item shows the amount a sector can lend/invest or has to borrow given the current and capital transactions in the sector accounts.

Financial account

The financial account of a sector provides a detailed review of the changes in the financial relations with the other sectors and the rest of the world. Therefore, the financial account is a logical extension of the current and capital transactions in the sector accounts.

The financial relation between a sector and the other sectors and the rest of the world can be broken down into assets and liabilities, both with a large variety of financial titles. Changes in the assets and liabilities are financial transactions.

Theoretically, the balancing item of the financial account, change in financial net worth, is equal to net lending / net borrowing. However, due to the use of different sources, statistical discrepancies occur.

Other changes

Other changes are changes to the value of financial assets or liabilities that are not the result of a financial transaction registered in the reporting period. For example: revaluations due to price fluctuations, writing off bad debts, reclassifying balance items and changes in classifications.

Balance sheets

A balance sheet is a statement of the values of assets and of liabilities owed by an institutional unit or group of units.

The balance sheets present an overview of all assets and liabilities by sector. Assets are divided into financial and non-financial assets. Non-financial assets include fixed assets such as buildings, but also oil and gas reserves of the Netherlands, other mineral reserves, such as sand, gravel and salt, stocks, arable land and land beneath built-up structures.

The assets held and the liabilities outstanding at a starting date are recorded in the opening balance sheet. The assets held and the liabilities outstanding at a final date are recorded in the closing balance sheet. Financial transactions result in changes between opening and closing balance sheets. However, changes between the opening balance sheet and the closing balance sheet are also due to other changes like revaluations in assets and liabilities, and changes in the volume of financial assets and liabilities not due to financial transactions.

The balancing item of a balance sheet is called net worth. The stock of assets and liabilities recorded in the balance sheet are valued at the appropriate prices, which are usually the prevailing market prices on the date to which the balance sheet relates, but which are their nominal values for some categories. A balance sheet is drawn up for resident institutional sectors and subsectors, the total national economy and the rest of the world.

The balance sheet complements the system of accounts and shows the effect of the recorded transactions in the production, income distribution, spending and generation of income on the economy. For the national economy as a whole the balancing item is often called national net worth: the total value of the non-financial assets and the net financial assets relative to the rest of the world. The balance of the rest of the world and the Netherlands is made in the same way as the balances for the resident institutional sectors and subsectors. It consists entirely of financial assets and liabilities of non-residents to residents.

Statistical discrepancies

The sector accounts can give a complete and fully consistent description of the total economy.

Consistency implies that:

- a transaction that is recorded as a use in one sector is recorded as a resource in another sector and vice versa. Consequently, for each transaction total uses equal total resources. This is called the transaction-identity. A special case is the identity of total supply (output and imports) and total use (intermediate consumption, final consumption expenditure, capital formation and exports)
- all available resources for a sector are also used by that sector. This is called the budget identity. This identity implies that, theoretically, for each sector, total resources and changes in liabilities equal total uses and changes in assets.

In the sector accounts the transaction identity is fully satisfied. However, it is not yet possible to meet the budget identity. Maintaining this identity would require adjustments of the estimates, which cannot be justified by the available data. For this reason the choice was made to include statistical discrepancies in the financial accounts.

8.6 Labour

Introduction

Statistics Netherlands has set up an integrated system of data on labour, called labour accounts, in order to provide a coherent and consistent overview of the labour market. The data refer to uniformly delineated populations according to uniform classifications and are based on clear definitions and the resulting identity relationships. The data are generated in a statistical integration process that leads to more accurate estimates by combining all available information.

The labour accounts are based on all data sources available at Statistics Netherlands. The primary sources of the labour accounts are the micro-datasets at the job level based on the Employees' Register of the Employee Insurance Agency (UWV), the satellite self-employed persons (SZO) and the dataset representing self-employed persons and their annual profits from the System of Social statistical Datasets (SSB).

The labour accounts concern employment at companies, institutions and households in the Netherlands. All paid labour is included, regardless of a person's age, country of residence or the number of hours a week he or she works. The labour accounts quantify employment in four different ways: the number of employed persons, the number of jobs of employed persons, the number of full-time equivalents (a measure of labour input calculated by converting all full-time and part-time jobs into full-time jobs) and labour input based on the total number of hours actually worked. The difference between employed persons and jobs of employed persons lies in the fact that one employed person can have more than one job (secondary jobs). The reported number of employed persons, jobs and full-time equivalents represent annual averages, not the total number of all employed persons or jobs that existed over the course of a year. In addition, wages and salaries, compensation of employees and wage costs are also published in the context of the labour accounts.

The information provided in the Labour section comprises several aspects of the labour market. However, the tables only represent a small part of the data produced by the labour accounts. More detailed data are available through StatLine, the online statistical database of Statistics Netherlands.

Employed persons

Employed persons are all persons who are working in one or several jobs as employees or as self-employed persons for a resident institutional unit (company, institution or household).

Employed persons include all persons who have a paid job for at least one hour a week, including persons who:

- have a job for which the payment is not declared to tax and/or social insurance authorities, while the work itself is legal
- are temporarily not working (due to illness, bad weather, etc.), but continue to receive their remuneration
- have taken temporary unpaid leave.

They may reside in the Netherlands or elsewhere.

Employees / self-employed persons

Employees are persons who, by agreement, work for a resident institutional unit and receive a remuneration (in cash or in kind) recorded as compensation of employees. Self-employed persons are defined as persons who are the sole owners, or joint owners, of the unincorporated enterprises where they work, including unpaid family workers. The latter are not counted as self-employed when there is an employment contract.

Jobs

A job is an explicit or implicit contract between a person and a resident institutional unit to perform work in return for compensation for a defined period or until further notice. In this definition of a job, both employee and self-employment jobs are covered. The number of jobs in a year is an average. Because employed persons may hold more than one job, the number of jobs is higher than the number of employed persons.

Measure of labour input

Labour input can be measured in full-time equivalents or hours worked.

Full-time equivalent

Labour input in full-time equivalents is calculated by expressing all jobs (be it full-time, part-time or flexible) in full-time equivalents. The full-time equivalent is obtained by dividing the annual contractual hours of the job by the annual contractual hours considered full-time (in the same company). Two half-time jobs add up to one full-time equivalent.

For the self-employed the full-time equivalent is the quotient of the usual weekly hours worked for that job and the average weekly hours worked by other self-employed persons in the same industry with 37 hour or longer work weeks.

Contractual hours

Contractual hours are the hours that an employee has to work during a year as agreed upon in the contract between employer and employee. Agreed upon paid annual leave and paid public holidays are not included in the hours.

Paid overtime

Paid hours worked in addition to contractual hours of work.

Hours paid

Hours paid is the sum of contractual hours and paid overtime. Time spent on sick leave and bad weather leave is included in hours paid. Contrary to legal concepts, paid annual leave and public holidays are not considered part of hours paid.

Hours actually worked

Hours actually worked are hours paid increased with unpaid overtime and decreased with hours paid but not worked, such as sick leave, pregnancy leave, maternity leave, strikes, parental leave, short-time absence and additional free time for older people. Hours actually worked are determined directly for the self-employed.

Compensation of employees and labour costs

Compensation of employees

The compensation of employees is the total remuneration, in cash or in kind, payable by an employer to an employee in return for work done by the latter during a reporting period. The compensation of employees is equal to the sum of wages and salaries and employers' social contributions.

Wages and salaries

Wages and salaries are the remunerations an employee receives for work done during a reporting period. Wages and salaries include social contributions, income taxes and other payments payable by the employee, including those withheld by the employer and paid directly to social insurance schemes, tax authorities etc. on behalf of the employee. The most important form of wages and salaries are wages in cash (including withheld income taxes and social contributions). Wages in cash are composed of regular gross wages, standard extra allowances (for instance for hazardous work), bonuses, overtime pay, tips and compensation for costs related to employment (for instance refunds of fares to and from work). Bonuses include holiday pay, gratifications, profit shares and a thirteenth or fourteenth month. Wages in kind occur if an employee benefits from his or her job besides being paid wages. Examples of payment in kind are private use of a company car, free housing, lower interest rates on mortgages, free or cheap use of the company's products or services, and company supplied or subsidised child care.

Employers' social contributions

Employers' social contributions are social contributions payable by employers to social security schemes or other employment-related social insurance schemes to secure social benefits for their employees. Employers' social contributions may be either actual or imputed. The actual social contributions consist of all payments for statutory social security and other employment-related schemes (including employers' pension contributions). The imputed social premiums are paid directly by employers to their employees or former employees without involving an insurance enterprise or fund. Much of this consists of pay over periods in which no work is done due to illness.

Labour costs

Labour costs reflect the employers' expenses directly related to the use of individual employees in the production process. The labour costs are equal to the compensation of employees plus taxes on labour paid by employers (e.g. taxes over gifts in kind) minus subsidies on labour received by the employer.

Labour price index

The labour price index provides information on the development of labour costs per hour worked by employees, corrected for changes in personnel structure. If the share of employees with relatively high wage-costs (e.g. highly educated and older employees) increases, the average labour costs per hour worked rise. What remains after correction for such changes in personnel structure is a pure price change. The labour price index subdivides the total change of labour costs per hour worked into a price component and a structural effect.

8.7 Price and volume changes

Introduction

The national accounts provide comprehensive data which can be used for evaluating and analysing the performance of an economy. Generally, the focus is on the growth rates of macro-economic variables like gross domestic product, household consumption, gross fixed capital formation and foreign trade. A characteristic of such growth rates is that they are adjusted for price changes.

In the Netherlands the growth rates for macro-economic variables are estimated within the framework of the supply and use tables. For all transactions in these tables the changes in value compared to the previous year are broken down into a price and a volume change. An important advantage of estimating price and volume changes within a balancing framework like the supply and use tables, is that checks on consistency and plausibility of values as well as price and volume changes are possible. In addition, consistent price and volume changes can be derived for important balancing items like value added and GDP.

Price and volume in the national accounts

The choice of index number formulae

In general macro-economic variables are aggregates of many very different components. Total household consumption is the aggregate of a great variety of goods and services. In order to estimate price and volume changes of such aggregates, index number formulae are used. The European System of Accounts 2010 (ESA 2010) prescribes the use of a Paasche price index and a Laspeyres volume index. This choice has a practical background, because this combination of index formulae fulfils two important requirements:

- additive consistency, i.e. an aggregate can be derived as sum of its components
- value change equals the price change times the volume change

The use of this combination of index formulae within the system of supply and use tables implies that all identities that are valid in current prices also hold for the volume estimates.

The choice of the base year

The price or volume change of an aggregate is a weighted average of price or volume changes of the underlying components. The weights are derived from transactions referring to the so-called base year. An option is to fix the base year for a certain period. However, this choice has the risk of non-representative weights, especially when the base year is further in the past. Therefore, in the Dutch national accounts for every reporting year the previous year is used as the base year in the index formulae. This approach conforms to the ESA 2010 guideline. Because a recent weighting scheme is used for every reporting year, higher quality growth rates can be estimated. In order to establish a time series of price and volume indices, so-called chain indices are used. From an arbitrary reference year (index = 100) the series of indices are compiled with these chain indices by (recurring) multiplication of the annual indices using the previous year as the base year.

Non-additivity

Level estimates in volume terms are used in economic analysis in addition to the growth rates. These volume term estimates refer to a fixed reference year (i.e.: GDP of 2014 valued at prices of the year 2010). The chain indices mentioned above are used to compile the level estimates. With that, however, additivity is lost, meaning that a level estimate of

an aggregate at reference year prices no longer equals the sum of its components at reference year prices. As a consequence level estimates at prices for a certain reference year have to be compiled using the chain indices of the variable concerned.

Prices and quantities

Price and volume changes are compiled for all transactions in goods and services within the supply and use tables. Usually, current price data are deflated by applying the appropriate observed price indices. Producer price indices are available for large parts of output. Household consumption is deflated by using consumer price indices. In these cases volume changes are derived as a residual. Quantity data are used to make estimates for transactions for which no price indices are available. Examples are education and services by banks and insurance companies. In cases where price and quantity data are lacking, like (collective) government output, price and volume changes can be estimated through the costs of production. This is similar to the way current price output is determined.

Taxes and subsidies on products and trade and transport margins

Taxes and subsidies on products only influence the price of a good or service. The volume change is not affected by changes in tax rates. This means that the volume index linked to a certain transaction is the same including and excluding taxes. This implies that the volume index of taxes and subsidies on products is equal to the volume index of the transaction including (or excluding) taxes or subsidies. A similar approach is used for the volume estimates for trade and transport margins. Although trade and transport deliver a service, this approach is an acceptable approximation, because adequate information is lacking.

Volume changes of value added and GDP

Value added per industry in the supply and use tables is the difference between the value of output and the value of intermediate consumption. This is true both in current prices and in prices for the previous year. Deflated output and intermediate consumption are the basis for the compilation of the growth of value added per industry and, at the macro level, of GDP growth. This method can also be used for the expenditure approach of GDP.

Handbook on price and volume measures in the national accounts

The international guidelines for the national accounts like the System of National Accounts 2008 (SNA 2008) and ESA 2010 pay relatively little attention to price and volume measures. Therefore, the statistical office of the European Union (Eurostat) compiled a supplement in 2001 called the 'Handbook on price and volume measures in national accounts'. This handbook provides an exhaustive overview of issues concerning the measurement of price and volume changes. Apart from general principles it provides more specific guidelines for estimating price and volume changes of detailed goods and services.

