



## Erratum

Date: 30 september 2020

### **National accounts of the Netherlands 2019**

Despite the careful preparation of this publication we have detected a mistake. For this we offer our sincere apologies. In the input-output tables of 2018 and 2019, the distribution of the energy tax between 'other taxes on imports' and 'other taxes on products' proved incorrect.

This led to corrections in table G 3 on page 26 and tables B 5.1, B 5.2, B 5.3, B 6.1, B 6.2 and B 6.3 on page 41-46. These tables have been corrected in the present version.

# National accounts of the Netherlands 2019





**National  
accounts  
of the Netherlands  
2019**



## Explanation of symbols

Empty cell	Figure not applicable
.	Figure is unknown, insufficiently reliable or confidential
*	Provisional figure
**	Revised provisional figure
2019–2020	2019 to 2020 inclusive
2019/2020	Average for 2019 to 2020 inclusive
2019/2020	Crop year, financial year, school year, etc., beginning in 2019 and ending in 2020
2017/18–2019/20	Crop year, financial year, etc., 2017/18 to 2019/20 inclusive

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

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# 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.

A key indicator from the national accounts is gross domestic product (GDP), a widely used measure of the size of the economy. However, the national accounts offer more insights into the Dutch economy than just the level of growth. This publication also includes the government deficit and the disposable income of households. Furthermore, the system provides insight into various facets of the Dutch economy including consumption, fixed capital formation, imports and exports, and employment.

This publication 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 <https://opendata.cbs.nl/#/CBS/en/>.

**Director General (acting),  
Dr. A.H. Kroese**

The Hague/Heerlen/Bonaire, July 2020



# 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 101**

**8. Explanations 104**

# List of tables and explanations

## 1-7 Tables

### 1. Macroeconomics

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	Supply and disposition of goods and services	19
M 6	Deficit and debt of general government (EMU-definitions)	20

### 2. Supply, use and input-output tables

G 1	Supply table 2019 at basic prices	22
G 2	Use table 2019 at purchaser's prices	24
G 3	Input-output table 2019 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, 2019	62
P 13	Dual classification of value added (gross, basic prices) by industry and sector, 2019	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 2016	78
S 1.1	Sector accounts 2017	79
S 1.2	Sector accounts 2018	80
S 1.3	Sector accounts 2019	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

## 7. Other tables

O 1.1	Taxes	101
O 1.2	Current taxes on income and wealth	101
O 1.3	Taxes on production and imports	102

## 8 Explanations

8.1	National accounts outlined	104
8.2	Transactions in the national accounts	108
8.3	Supply, use and input-output tables	125
8.4	Sectors in the sector accounts	128
8.5	Accounts in the sector accounts	133
8.6	Labour	136
8.7	Price and volume changes	139

# 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](http://www.cbs.nl)). The figures of the national accounts are published on StatLine, the electronic databank of Statistics Netherlands (<https://opendata.cbs.nl/#/CBS/en/>). 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 in the folder 'National accounts'. A description of the structure of this folder is given below and the kind of information each subfolder contains is shown.

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.

## 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 2014 to 2019 inclusive. Data on the reporting years 2014-2018 are now final while the most recent reporting year - 2019 - has the status provisional.

Time series from 1995 onwards are available on StatLine, see <https://opendata.cbs.nl/#/CBS/en/>.

## **Changes in the table Economic key figures**

Price changes of the net material consumption of Public administration and services and Subsidized education within the sector General Government have been cancelled.

## **Changes in the table Macroeconomics**

Volume changes in table M 3 Output, intermediate consumption and the generation of income by sectors are not available in this edition. Furthermore, table M 5 Contribution to volume growth of domestic product (gross, marketprices) has been cancelled. Following tables in this chapter are numbered consecutively.

## **Changes in the chapter Sector accounts**

Tables S 4.1-S 4.4 Balance sheets by sectors and S 5.1-S 5.4 Non-financial balance sheets by sectors are not available in this edition. The data will be published on StatLine at a later date. See

<https://opendata.cbs.nl/statline/#/CBS/en/dataset/84550ENG/table>



## Economic key figures

		2014	2015	2016	2017	2018	2019*
<b>Total economy</b>							
Domestic product (GDP)	million euros	671 560	690 008	708 337	738 146	773 987	810 247
Domestic product (GDP) (economic growth)	% volume changes	1.4	2.0	2.2	2.9	2.4	1.7
Taxes and social security contributions	% GDP	36.7	36.5	38.0	38.3	38.4	38.9
National saving (net)	million euros	69 831	82 801	84 314	110 430	118 622	119 664
National net lending/net borrowing	million euros	62 559	40 083	55 928	79 554	83 355	80 388
<b>Income</b>							
National income (net)	million euros	555 532	574 795	579 950	622 259	655 351	680 041
National income (net)	% real changes	− 0.5	3.7	0.9	5.6	2.7	1.3
Disposable national income (net)	million euros	546 469	565 798	574 991	616 934	648 593	672 736
Disposable national income (net)	% real changes	− 0.4	3.8	1.6	5.6	2.5	1.3
National income (net) per capita	euro	32 940	33 931	34 054	36 323	38 032	39 206
Disposable national income (net) per capita	euro	32 403	33 400	33 763	36 012	37 640	38 785
Operating surplus/mixed income (net)	million euros	159 410	173 209	174 435	185 620	193 428	198 636
<b>Population</b>							
Average population	X 1,000	16 865	16 940	17 030	17 131	17 232	17 345
Average number of households	X 1,000	7 628	7 693	7 757	7 826	7 891	7 966
<b>Labour</b>							
Number of employed persons <sup>1)</sup>	X 1,000	8 725	8 808	8 943	9 157	9 396	9 576
Employed labour force 15–75 years	X 1,000	8 214	8 294	8 403	8 579	8 774	8 953
Unemployed labour force 15–75 years	X 1,000	660	614	538	438	350	314
Jobs of employed persons <sup>1)</sup>	X 1,000 jobs	9 757	9 881	10 036	10 282	10 566	10 773
Labour input of employed persons <sup>1)</sup>	X 1,000 fte jobs	6 927	7 015	7 159	7 340	7 563	7 736
Labour input of employed persons <sup>1)</sup>	million hours worked	12 438	12 559	12 854	13 156	13 496	13 787
Labour input of employees	X 1,000 fte jobs	5 769	5 820	5 929	6 081	6 269	6 424
Labour input of employees	million hours worked	9 870	9 918	10 140	10 389	10 686	10 964
Labour productivity per hour worked <sup>1)</sup>	% volume changes	0.8	0.7	− 0.4	0.6	− 0.3	− 0.5
Domestic product (gross) per full-time equivalent job <sup>1)</sup>	euro	96 941	98 366	98 938	100 560	102 341	104 736
Labour costs	million euros	327 772	329 514	339 242	351 142	368 188	386 629
<b>Final expenditure</b>							
Final consumption expenditure	million euros	476 709	483 170	490 883	506 752	530 171	553 304
Final consumption expenditure	% volume changes	0.4	1.2	1.2	1.7	2.0	1.5
Consumption expenditure of households incl. NPISHs	million euros	304 244	310 816	316 041	327 261	341 560	354 742
Consumption expenditure general government	million euros	172 465	172 354	174 842	179 491	188 611	198 562
of which: Net material consumption	% price changes	0.1	0.1	− 0.1	1.3	2.3	2.5
Consumer price index	% changes	1.0	0.6	0.3	1.4	1.7	2.6
Fixed capital formation (gross)	million euros	118 138	152 533	141 675	148 670	158 093	170 099
Fixed capital formation (gross)	% volume changes	− 2.4	29.0	− 7.3	4.2	3.6	4.6
<b>Rest of the world</b>							
Exports of goods and services	million euros	541 129	570 353	563 377	615 553	655 439	675 153
Exports of goods and services	% volume changes	4.5	7.4	1.7	6.5	4.3	2.7
Imports of goods and services	million euros	466 572	518 594	491 044	536 163	573 832	590 651
Imports of goods and services	% volume changes	3.3	14.5	− 2.0	6.2	4.7	3.2
Net export	% GDP	11.1	7.5	10.2	10.8	10.5	10.4
Surplus of the nation on current transactions	million euros	63 903	43 464	57 105	79 878	83 869	80 599
<b>General government</b>							
Taxes	million euros	147 961	155 687	165 039	180 549	188 887	205 852
Subsidies	million euros	7 182	7 042	7 894	8 561	9 101	9 567
Social contributions	million euros	102 015	99 833	107 486	105 535	111 734	113 141
Social benefits in cash and in kind	million euros	148 327	149 171	152 477	155 368	160 080	167 067
Social benefits in cash and in kind	% GDP	22.1	21.6	21.5	21.0	20.7	20.6
EDP-debt	% GDP	67.9	64.7	61.9	56.9	52.4	48.7
EDP-deficit	% GDP	− 2.2	− 2.0	0.0	1.3	1.4	1.7
Total revenues	million euros	292 730	293 856	308 843	322 635	337 976	354 351
Total expenditure	million euros	307 182	307 826	308 695	313 333	327 365	340 424
<b>Households including NPIs serving households</b>							
Disposable income (gross)	million euros	340 237	346 509	356 594	365 354	382 623	397 979
Real disposable income (net)	% volume changes	1.7	1.8	2.4	1.0	2.4	1.5
Free / individual savings	million euros	35 993	35 693	40 553	38 093	41 063	43 237
Savings ratio	% disposable income	16.3	15.9	16.6	15.3	15.6	16.6
Home mortgages; closing balance	million euros	687 229	693 883	704 238	713 806	725 916	734 556
Home mortgages; net lending	million euros	− 228	7 135	10 151	9 835	12 197	8 688
<b>Corporations</b>							
Gross profits before taxes	million euros	234 718	263 343	255 081	273 668	304 913	304 985
Profits from foreign subsidiaries	million euros	59 429	70 009	61 305	71 028	87 151	82 875
Net lending / net borrowing	million euros	47 737	28 973	33 783	53 748	56 629	47 456

<sup>1)</sup> Data of 2018 and 2019 are provisional.

**1.**

# Macroeconomics

## M 1 The three approaches of domestic product

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>From the output</b>						
Output (basic prices)	1 303 026	1 338 856	1 360 246	1 431 012	1 514 480	1 559 093
Intermediate consumption (excl. deductible VAT) (–)	698 212	718 021	725 422	769 446	821 848	836 943
Value added (gross, basic prices)	604 814	620 835	634 824	661 566	692 632	722 150
Taxes less subsidies on products	66 746	69 173	73 513	76 580	81 355	88 097
Taxes on products	67 460	69 896	74 504	77 706	82 569	89 397
Subsidies on products (–)	714	723	991	1 126	1 214	1 300
Domestic product (gross, market prices)	671 560	690 008	708 337	738 146	773 987	810 247
<b>From the generation of income</b>						
Compensation of employees	328 166	330 267	340 586	352 818	369 840	388 403
Wages and salaries	254 918	260 690	268 805	278 473	290 635	304 715
Employers' social contributions	73 248	69 577	71 781	74 345	79 205	83 688
Taxes on production and imports less subsidies	69 618	70 790	75 404	78 256	83 263	89 832
Taxes on production and imports	78 079	79 430	84 725	88 314	93 872	100 905
Subsidies (–)	8 461	8 640	9 321	10 058	10 609	11 073
Operating surplus / mixed income (gross)	273 776	288 951	292 347	307 072	320 884	332 012
Consumption of fixed capital	114 366	115 742	117 912	121 452	127 456	133 376
Operating surplus / mixed income (net)	159 410	173 209	174 435	185 620	193 428	198 636
Domestic product (gross, market prices)	671 560	690 008	708 337	738 146	773 987	810 247
<b>From the final expenditure</b>						
Final consumption expenditure	476 709	483 170	490 883	506 752	530 171	553 304
General government	172 465	172 354	174 842	179 491	188 611	198 562
Households incl. NPIs serving households	304 244	310 816	316 041	327 261	341 560	354 742
Fixed capital formation (gross)	118 138	152 533	141 675	148 670	158 093	170 099
Corporations, households and NPIs serving households	94 608	127 953	116 979	123 258	131 634	142 808
General government	23 530	24 580	24 696	25 412	26 459	27 291
Changes in inventories <sup>1)</sup>	2 156	2 546	3 446	3 334	4 116	2 342
Exports of goods and services	541 129	570 353	563 377	615 553	655 439	675 153
Goods	409 005	418 373	420 899	460 770	484 921	493 938
Services	132 124	151 980	142 478	154 783	170 518	181 215
Imports of goods and services (–)	466 572	518 594	491 044	536 163	573 832	590 651
Goods	345 078	352 926	355 196	388 826	413 310	425 727
Services	121 494	165 668	135 848	147 337	160 522	164 924
Domestic product (gross, market prices)	671 560	690 008	708 337	738 146	773 987	810 247

<sup>1)</sup> Including acquisitions less disposals of valuables.

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Domestic product (gross, market prices)</b>	671 560	690 008	708 337	738 146	773 987	810 247
Net primary income from the rest of the world	- 1 662	529	- 10 475	5 565	8 820	3 170
Primary income from the rest of the world	268 281	260 599	260 367	263 399	303 842	303 300
Compensation of employees	1 766	1 903	1 796	1 825	1 933	1 989
Property income	265 236	257 098	257 144	260 077	300 401	299 805
Subsidies from the rest of the world (EU)	1 279	1 598	1 427	1 497	1 508	1 506
Primary income to the rest of the world (-)	269 943	260 070	270 842	257 834	295 022	300 130
Compensation of employees	8 420	8 591	8 841	9 347	10 296	12 367
Property income	259 107	248 362	258 903	245 348	281 359	284 195
Taxes on production and imports to the rest of the world	2 416	3 117	3 098	3 139	3 367	3 568
<b>National income (gross, market prices)</b>	669 898	690 537	697 862	743 711	782 807	813 417
Consumption of fixed capital (-)	114 366	115 742	117 912	121 452	127 456	133 376
<b>National income (net, market prices)</b>	555 532	574 795	579 950	622 259	655 351	680 041
Net current transfers from the rest of the world	- 9 063	- 8 997	- 4 959	- 5 325	- 6 758	- 7 305
Current transfers from the rest of the world	13 581	14 121	13 195	13 354	14 598	16 334
Current taxes on income and wealth	5 486	5 425	5 484	5 767	6 756	7 887
Social contributions	3 264	3 211	3 239	3 433	3 635	4 309
Social benefits (in cash)	253	270	240	240	240	240
Other current transfers	4 578	5 215	4 232	3 914	3 967	3 898
Current transfers to the rest of the world (-)	22 644	23 118	18 154	18 679	21 356	23 639
Current taxes on income and wealth	3 542	3 913	3 673	4 076	4 270	5 626
Social contributions	433	445	435	447	459	473
Social benefits (in cash)	2 493	2 769	2 783	2 909	3 005	3 292
Other current transfers	16 176	15 991	11 263	11 247	13 622	14 248
<b>Disposable national income (net)</b>	546 469	565 798	574 991	616 934	648 593	672 736
Final consumption expenditure (-)	476 709	483 170	490 883	506 752	530 171	553 304
Adjustment for net equity in pension funds reserves (surplus of the nation)	71	173	206	248	200	232
<b>National saving (net)</b>	69 831	82 801	84 314	110 430	118 622	119 664
Fixed capital formation (net) (-)	3 772	36 791	23 763	27 218	30 637	36 723
Changes in inventories (-) <sup>1)</sup>	2 156	2 546	3 446	3 334	4 116	2 342
<b>Surplus of the nation on current transactions</b>	63 903	43 464	57 105	79 878	83 869	80 599
Net exports	74 557	51 759	72 333	79 390	81 607	84 502
Goods	63 927	65 447	65 703	71 944	71 611	68 211
Services	10 630	- 13 688	6 630	7 446	9 996	16 291
Net primary income	- 1 662	529	- 10 475	5 565	8 820	3 170
Received	268 281	260 599	260 367	263 399	303 842	303 300
Paid (-)	269 943	260 070	270 842	257 834	295 022	300 130
Net current transfers	- 9 063	- 8 997	- 4 959	- 5 325	- 6 758	- 7 305
Received	13 581	14 121	13 195	13 354	14 598	16 334
Paid (-)	22 644	23 118	18 154	18 679	21 356	23 639
Adjustment for net equity in pension funds reserves (surplus of the nation)	71	173	206	248	200	232
Net capital transfers from the rest of the world	- 493	- 297	- 1 020	- 346	- 244	- 342
Capital transfers from the rest of the world	692	1 097	1 023	998	1 066	1 015
Capital transfers to the rest of the world (-)	1 185	1 394	2 043	1 344	1 310	1 357
Acquisitions less disposals of non-produced non-financial assets	- 851	- 3 084	- 157	22	- 270	131
<b>National net lending (+) or net borrowing (-)</b>	62 559	40 083	55 928	79 554	83 355	80 388
Change in assets on the rest of the world	249 035	353 558	405 364	264 443	- 238 013	182 536
Change in liabilities to the rest of the world (-)	188 061	312 315	349 589	188 191	- 324 996	99 399
Statistical discrepancy	1 585	- 1 160	153	3 302	- 3 628	- 2 749

<sup>1)</sup> Including acquisitions less disposals of valuables.

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>From the output</b>						
Output (basic prices)	1 303 026	1 338 856	1 360 246	1 431 012	1 514 480	1 559 093
Non-financial corporations	913 450	941 983	959 410	1 019 686	1 083 833	1 112 017
Financial corporations	86 134	85 893	81 852	79 919	81 789	82 426
General government	125 229	125 175	126 164	128 916	134 603	139 859
Households including NPIs serving households	178 213	185 805	192 820	202 491	214 255	224 791
Intermediate consumption (excl. deductible VAT) (–)	698 212	718 021	725 422	769 446	821 848	836 943
Non-financial corporations	529 057	544 649	553 103	593 923	636 148	643 841
Financial corporations	33 113	34 001	32 711	32 413	35 886	36 743
General government	44 190	43 482	42 765	43 339	46 105	47 716
Households including NPIs serving households	91 852	95 889	96 843	99 771	103 709	108 643
Value added (gross, basic prices)	604 814	620 835	634 824	661 566	692 632	722 150
Non-financial corporations	384 393	397 334	406 307	425 763	447 685	468 176
Financial corporations	53 021	51 892	49 141	47 506	45 903	45 683
General government	81 039	81 693	83 399	85 577	88 498	92 143
Households including NPIs serving households	86 361	89 916	95 977	102 720	110 546	116 148
<b>From the generation of income</b>						
Compensation of employees	328 166	330 267	340 586	352 818	369 840	388 403
Non-financial corporations	235 594	237 864	245 789	256 195	270 651	285 165
Financial corporations	18 785	17 667	17 673	17 421	17 172	17 443
General government	58 360	58 650	60 176	61 827	63 946	66 740
Households including NPIs serving households	15 427	16 086	16 948	17 375	18 071	19 055
Operating surplus / mixed income (net)	159 410	173 209	174 435	185 620	193 428	198 636
Non-financial corporations	86 775	96 971	96 973	104 168	108 351	111 591
Financial corporations	28 379	29 000	25 692	24 078	22 296	21 485
General government	0	0	0	0	0	0
Households including NPIs serving households	44 256	47 238	51 770	57 374	62 781	65 560
Consumption of fixed capital	114 366	115 742	117 912	121 452	127 456	133 376
Non-financial corporations	62 058	63 231	64 663	66 699	69 916	72 849
Financial corporations	4 200	4 194	4 268	4 457	4 762	4 992
General government	21 985	22 156	22 337	22 916	23 714	24 588
Households including NPIs serving households	26 123	26 161	26 644	27 380	29 064	30 947
Other taxes on production less subsidies	2 872	1 617	1 891	1 676	1 908	1 735
Non-financial corporations	– 34	– 732	– 1 118	– 1 299	– 1 233	– 1 429
Financial corporations	1 657	1 031	1 508	1 550	1 673	1 763
General government	694	887	886	834	838	815
Households including NPIs serving households	555	431	615	591	630	586
Value added (gross, basic prices)	604 814	620 835	634 824	661 566	692 632	722 150
Non-financial corporations	384 393	397 334	406 307	425 763	447 685	468 176
Financial corporations	53 021	51 892	49 141	47 506	45 903	45 683
General government	81 039	81 693	83 399	85 577	88 498	92 143
Households including NPIs serving households	86 361	89 916	95 977	102 720	110 546	116 148



## M 4 Domestic product and national income, alternative definitions

	2014	2015	2016	2017	2018	2019*
	million euros					
Domestic product (gross, market prices)	671 560	690 008	708 337	738 146	773 987	810 247
Consumption of fixed capital (–)	114 366	115 742	117 912	121 452	127 456	133 376
Domestic product (net, market prices)	557 194	574 266	590 425	616 694	646 531	676 871
Net primary income from the rest of the world	– 1 662	529	– 10 475	5 565	8 820	3 170
National income (gross, market prices)	669 898	690 537	697 862	743 711	782 807	813 417
National income (net, market prices)	555 532	574 795	579 950	622 259	655 351	680 041
Net current transfers from the rest of the world	– 9 063	– 8 997	– 4 959	– 5 325	– 6 758	– 7 305
Disposable national income (gross, marketprices)	660 835	681 540	692 903	738 386	776 049	806 112
Disposable national income (net, marketprices)	546 469	565 798	574 991	616 934	648 593	672 736
	euro					
Domestic product per capita (gross, market prices)	39 820	40 733	41 593	43 088	44 917	46 713
Domestic product per capita (net, market prices)	33 038	33 900	34 669	35 998	37 520	39 023
National income per capita (gross, market prices)	39 721	40 764	40 978	43 412	45 429	46 895
National income per capita (net, market prices)	32 940	33 931	34 054	36 323	38 032	39 206
Disposable national income per capita (gross, marketprices)	39 184	40 233	40 686	43 102	45 036	46 474
Disposable national income per capita (net, marketprices)	32 403	33 400	33 763	36 012	37 640	38 785
	% volume changes					
Domestic product (gross, market prices)	1.4	2.0	2.2	2.9	2.4	1.7
Domestic product (net, market prices)	1.5	2.1	2.2	3.0	2.3	1.6
National income (gross, market prices)	– 0.2	3.3	1.1	5.0	2.6	1.4
National income (net, market prices)	– 0.5	3.7	0.9	5.6	2.7	1.3
Disposable national income (gross, marketprices)	– 0.1	3.3	1.7	5.0	2.5	1.4
Disposable national income (net, marketprices)	– 0.4	3.8	1.6	5.6	2.5	1.3
	% price changes					
Domestic product (gross, market prices)	0.3	0.8	0.5	1.3	2.4	3.0
Domestic product (net, market prices)	0.3	0.9	0.6	1.4	2.4	3.0
National income (gross, market prices)	0.3	– 0.2	– 0.0	1.4	2.6	2.4
National income (net, market prices)	0.4	– 0.2	– 0.0	1.6	2.6	2.4
Disposable national income (gross, marketprices)	0.3	– 0.2	– 0.0	1.4	2.6	2.4
Disposable national income (net, marketprices)	0.4	– 0.2	– 0.0	1.6	2.6	2.4

## M 5 Supply and disposition of goods and services

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Disposable for final expenditure</b>	1 138 132	1 208 602	1 199 381	1 274 309	1 347 819	1 400 898
Domestic product (gross, market prices)	671 560	690 008	708 337	738 146	773 987	810 247
Imports of goods and services	466 572	518 594	491 044	536 163	573 832	590 651
Goods	345 078	352 926	355 196	388 826	413 310	425 727
Services	121 494	165 668	135 848	147 337	160 522	164 924
<b>Total final expenditure</b>	1 138 132	1 208 602	1 199 381	1 274 309	1 347 819	1 400 898
National final expenditure	597 003	638 249	636 004	658 756	692 380	725 745
Final consumption expenditure	476 709	483 170	490 883	506 752	530 171	553 304
General government	172 465	172 354	174 842	179 491	188 611	198 562
Households incl. NPIs serving households	304 244	310 816	316 041	327 261	341 560	354 742
Fixed capital formation (gross)	118 138	152 533	141 675	148 670	158 093	170 099
Corporations	94 608	127 953	116 979	123 258	131 634	142 808
General government	23 530	24 580	24 696	25 412	26 459	27 291
Changes in inventories <sup>1)</sup>	2 156	2 546	3 446	3 334	4 116	2 342
Exports of goods and services	541 129	570 353	563 377	615 553	655 439	675 153
Goods	409 005	418 373	420 899	460 770	484 921	493 938
Services	132 124	151 980	142 478	154 783	170 518	181 215
	% volume changes					
<b>Disposable for final expenditure</b>	2.2	7.1	0.4	4.3	3.4	2.3
Domestic product (gross, market prices)	1.4	2.0	2.2	2.9	2.4	1.7
Imports of goods and services	3.3	14.5	-2.0	6.2	4.7	3.2
Goods	3.3	7.6	5.4	5.7	4.0	4.2
Services	3.1	34.2	-17.7	7.5	6.7	0.8
<b>Total final expenditure</b>	2.2	7.1	0.4	4.3	3.4	2.3
National final expenditure	0.1	6.9	-0.7	2.3	2.4	2.0
Final consumption expenditure	0.4	1.2	1.2	1.7	2.0	1.5
General government	0.6	-0.1	1.3	0.9	1.7	1.6
Households incl. NPIs serving households	0.4	2.0	1.1	2.1	2.2	1.5
Fixed capital formation (gross)	-2.4	29.0	-7.3	4.2	3.6	4.6
Corporations	-2.1	35.0	-8.8	4.8	3.9	5.4
General government	-3.5	4.8	0.7	1.6	1.9	0.8
Changes in inventories <sup>1)</sup>	.	.	.	.	.	.
Exports of goods and services	4.5	7.4	1.7	6.5	4.3	2.7
Goods	3.1	5.1	4.4	6.0	3.1	2.1
Services	9.6	14.6	-5.8	8.0	7.9	4.3
	% price changes					
<b>Disposable for final expenditure</b>	-0.6	-0.9	-1.2	1.9	2.3	1.6
Domestic product (gross, market prices)	0.3	0.8	0.5	1.3	2.4	3.0
Imports of goods and services	-1.8	-3.0	-3.4	2.8	2.2	-0.3
Goods	-2.6	-5.0	-4.5	3.6	2.2	-1.1
Services	0.6	1.6	-0.3	0.9	2.1	1.9
<b>Total final expenditure</b>	-0.6	-0.9	-1.2	1.9	2.3	1.6
National final expenditure	0.6	0.0	0.4	1.3	2.6	2.8
Final consumption expenditure	0.8	0.1	0.4	1.5	2.6	2.8
General government	0.7	0.0	0.1	1.7	3.3	3.6
Households incl. NPIs serving households	0.9	0.2	0.6	1.4	2.2	2.3
Fixed capital formation (gross)	-0.2	0.1	0.2	0.7	2.7	2.9
Corporations	-0.3	0.2	0.3	0.6	2.8	3.0
General government	0.3	-0.3	-0.2	1.3	2.2	2.4
Changes in inventories <sup>1)</sup>	.	.	.	.	.	.
Exports of goods and services	-1.9	-1.9	-2.8	2.6	2.1	0.3
Goods	-2.6	-2.6	-3.6	3.3	2.1	-0.3
Services	0.4	0.4	-0.5	0.6	2.1	1.9

<sup>1)</sup> Including acquisitions less disposals of valuables.

## M 6 Deficit and debt of general government (EMU-definitions)

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Total revenues</b>	292 730	293 856	308 843	322 635	337 976	354 351
Taxes	147 961	155 687	165 039	180 549	188 887	205 852
Taxes on production and imports	75 663	76 313	81 627	85 175	90 505	97 337
Current taxes on income and wealth	70 773	77 760	81 566	93 533	96 651	106 888
Capital taxes	1 525	1 614	1 846	1 841	1 731	1 627
Social security contributions	98 343	96 119	103 902	101 913	108 049	109 278
Market output	7 832	7 389	7 661	7 664	7 797	7 901
Payments for other non-market output	10 143	10 710	10 872	10 930	11 167	11 213
Property income	15 928	11 072	8 123	8 029	7 659	6 225
Interest	2 437	2 148	1 719	1 502	1 459	1 524
Other	13 491	8 924	6 404	6 527	6 200	4 701
Other revenue n.e.c	12 523	12 879	13 246	13 550	14 417	13 882
Own-account capital formation	5 472	5 622	5 674	5 888	6 215	6 238
Other subsidies on production	38	37	41	95	93	91
Imputed social contributions	3 672	3 714	3 584	3 622	3 685	3 863
Other current transfers	3 042	2 793	3 338	3 218	3 705	3 105
Capital transfers (excl. capital taxes)	299	713	609	727	719	585
<b>Total expenditure (–)</b>	307 182	307 826	308 695	313 333	327 365	340 424
Compensation of employees	58 360	58 650	60 176	61 827	63 946	66 740
Intermediate consumption	44 190	43 482	42 765	43 339	46 105	47 716
Capital formation (gross)	23 235	24 417	24 611	25 380	26 392	27 377
Social security benefits	113 497	110 031	111 824	113 458	116 919	121 897
In cash	53 223	54 476	55 075	55 293	55 740	56 955
In kind via market producers	60 274	55 555	56 749	58 165	61 179	64 942
Social assistance benefits	31 158	35 426	37 069	38 288	39 476	41 307
In cash	20 749	20 081	20 933	21 396	21 468	22 194
In kind via market producers	10 409	15 345	16 136	16 892	18 008	19 113
Subsidies	7 182	7 042	7 894	8 561	9 101	9 567
Property income	9 881	8 998	8 167	7 416	6 948	6 239
Interest	9 857	8 980	8 151	7 396	6 933	6 220
Other	24	18	16	20	15	19
Other revenue n.e.c	19 679	19 780	16 189	15 064	18 478	19 581
Other taxes on production	732	924	927	929	931	906
Current taxes on income and wealth	17	2	20	41	8	40
Unfunded employee social benefits	3 672	3 714	3 584	3 622	3 685	3 863
Other current transfers	12 154	12 231	8 130	9 350	11 495	12 268
Capital transfers	4 251	4 596	5 525	3 733	5 207	4 530
Acquisitions less disposals of non-produced non-financial assets	– 1 147	– 1 687	– 1 997	– 2 611	– 2 848	– 2 026
<b>EDP-deficit</b>	– 14 452	– 13 970	148	9 302	10 611	13 927
Central government	– 6 437	– 12 467	– 7 924	7 209	5 882	8 516
Local government	– 1 571	– 1 267	456	– 520	– 1 392	– 1 359
Social security funds	– 6 444	– 236	7 616	2 613	6 121	6 770
<b>EDP-debt</b>	455 872	446 261	438 657	420 297	405 773	394 670
Deposits	1 070	1 874	3 901	1 974	1 608	1 689
Short-term debt securities	23 441	14 051	16 605	16 960	21 987	17 157
Long-term debt securities	336 076	335 798	326 386	316 956	302 714	294 590
Short-term loans	26 141	26 470	24 159	19 956	15 628	16 608
Long-term loans	69 144	68 068	67 606	64 451	63 836	64 626
	<b>% GDP</b>					
<b>EDP-deficit</b>	– 2.2	– 2.0	0.0	1.3	1.4	1.7
<b>EDP-debt</b>	67.9	64.7	61.9	56.9	52.4	48.7

2.

Supply, use

and

input-output

tables

# G 1 Supply table 2019\* at basic prices (mln euro)

2019*												
	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	29 266	0	149	0	0	0	0	0	0	0	0	0
2 Products of forestry	228	0	8	0	0	0	0	0	0	0	0	0
3 Products of fishing	305	0	0	0	0	0	0	0	0	0	0	0
4 Crude petroleum and natural gas	0	5 417	2	0	0	0	0	0	0	0	0	0
5 Other mining and quarrying products	0	2 620	203	0	243	513	1	0	0	0	0	0
6 Food products	327	0	63 689	0	666	0	1 025	0	0	0	0	0
7 Beverages and tobacco	0	0	8 567	0	0	0	118	0	0	0	0	0
8 Textiles, wearing apparel and leather	0	0	3 555	0	16	0	227	0	0	0	0	0
9 Wood, paper products and printing services	1	0	12 365	0	0	5	127	0	0	180	0	0
10 Coke and refined petroleum products	0	0	30 040	0	0	0	27	0	0	0	0	0
11 Chemicals and chemical products	1	92	47 285	0	527	0	484	0	0	0	0	0
12 Pharmaceutical products and preparations	0	0	5 538	0	0	0	19	0	0	0	0	0
13 Rubber, plastics and non-metallic minerals	0	51	15 448	0	342	19	197	0	0	0	0	0
14 Basic metals	0	0	7 907	0	981	0	33	0	0	0	0	0
15 Metal products	0	0	19 964	0	0	339	122	0	0	0	0	0
16 Computer, electronic and optical products	0	0	18 876	0	0	0	232	0	0	5	0	0
17 Electrical equipment	0	0	5 068	0	0	0	56	0	0	0	0	0
18 Machinery and equipment n.e.c.	0	23	32 604	57	32	28	1 474	0	0	69	0	0
19 Transport equipment	0	0	22 685	0	0	4	77	162	0	0	0	0
20 Other manufactured goods and repair	107	1	19 126	0	0	641	2 402	310	0	0	0	0
21 Electricity, gas, steam and air conditioning	349	10	110	13 640	293	0	0	11	0	0	0	0
22 Water supply and waste management	0	2	426	12	8 147	22	2 564	17	0	4	0	0
23 Constructions and construction works	127	0	13	2 694	0	113 930	2	498	0	196	0	1 069
24 Trade and repair of motor vehicles	0	0	4	0	0	0	13 351	95	0	0	0	0
25 Wholesale trade	0	0	0	0	0	0	4 493	0	0	0	0	0
26 Retail trade	0	0	0	0	0	0	520	0	0	0	0	0
27 Transportation and storage services	276	220	10	0	0	110	201	58 327	0	0	0	0
28 Postal and courier services	0	0	11	0	0	0	0	5 087	0	0	0	0
29 Accommodation and food services	147	0	12	0	0	0	149	26	28 686	0	0	2 189
30 Publishing, audiovisual and broadcasting	0	0	2 105	0	0	0	240	0	0	14 455	0	0
31 Telecommunications services	0	0	0	14	0	0	0	0	0	13 603	0	0
32 IT- and information services	0	16	1 734	139	44	170	4 380	430	81	32 458	1 307	55
33 Financial and insurance services	0	0	0	0	0	0	0	0	0	0	73 050	148
34 Real estate services	772	1	403	0	33	205	1 090	555	200	64	1 974	93 377
35 Professional and technical activities	11	16	2 105	235	104	487	4 653	572	73	2 848	3 561	222
36 Scientific research and development services	149	1	2 733	19	31	59	488	17	2	519	235	2
37 Administrative and support services	178	241	2 587	13	113	152	6 492	2 822	305	18 647	3 105	152
38 Public administration and services	108	0	2 022	20	0	0	0	2 103	4	24	94	11
39 Education services	0	0	0	0	0	0	0	2	7	428	0	0
40 Human health and social work services	74	0	0	0	0	0	0	9	0	0	0	0
41 Arts, entertainment and recreation services	2	0	0	0	0	0	0	9	740	51	0	0
42 Other services	0	0	4	0	0	0	508	0	26	376	0	0
43 Services of households as employers	0	0	0	0	0	0	0	0	0	0	0	0
44 Margins on merchanting	2	0	2 178	0	0	0	14 979	0	0	0	0	0
45 Services n.e.c.	0	0	0	0	0	0	0	0	0	0	0	0
46 Not imputed goods and services	0	0	0	0	0	0	0	0	0	0	0	0
47 Trade and transport margins	751	276	8 827	2 121	78	413	120 168	15 211	988	1 297	0	175
48 Cif/fob-adjustment and reclassification												
49 Cif/fob-reclassification												
50 Supply at basic prices	33 181	8 987	338 363	18 964	11 650	117 097	180 899	86 263	31 112	85 224	83 326	97 400

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	Subsidies on products (–)	Total
13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
0	8	0	0	0	0	0	0	0	29 423	22 591	0	52 014	11 043	972	0	64 029
0	0	0	0	0	0	0	0	0	236	394	0	630	98	5	0	733
0	0	0	0	0	0	0	0	0	305	756	0	1 061	363	26	0	1 450
0	0	0	0	0	0	0	0	0	5 419	35 362	0	40 781	1 047	6 085	0	47 913
835	0	1	0	0	0	0	0	0	4 416	4 582	1 213	10 211	1 553	36	0	11 800
0	0	0	0	0	0	0	0	0	65 707	33 077	527	99 311	24 133	4 026	1	127 469
0	0	0	0	0	0	0	0	0	8 685	4 631	86	13 402	5 662	5 533	0	24 597
205	0	0	0	0	0	4	0	0	4 007	22 234	55	26 296	14 500	4 257	0	45 053
0	16	0	0	0	0	0	0	0	12 694	9 803	372	22 869	5 420	758	0	29 047
0	0	0	0	0	0	0	0	0	30 067	25 117	0	55 184	3 597	10 820	0	69 601
0	0	0	0	0	0	0	0	0	48 389	41 539	1 630	91 558	10 037	1 498	0	103 093
163	0	2	0	0	0	0	0	0	5 722	13 970	230	19 922	9 184	860	0	29 966
9	10	0	0	0	0	0	0	0	16 076	17 462	20	33 558	7 532	980	0	42 070
0	0	0	0	0	0	0	0	0	8 921	14 669	44	23 634	3 012	73	0	26 719
202	0	0	0	0	0	0	0	0	20 627	10 429	103	31 159	5 116	661	0	36 936
25	8	0	0	0	0	1	0	0	19 147	60 315	160	79 622	17 167	2 115	0	98 904
0	0	0	0	0	0	1	0	0	5 125	19 236	2	24 363	4 518	815	0	29 696
102	25	2	0	0	0	0	0	0	34 416	35 166	78	69 660	8 775	318	0	78 753
532	0	0	0	0	0	22	0	0	23 482	32 031	163	55 676	9 153	4 215	0	69 044
120	22	0	0	0	0	5	0	0	22 734	23 212	2 042	47 988	9 792	2 715	0	60 495
0	0	0	0	0	0	0	0	0	14 413	562	0	14 975	1 330	3 076	1 266	18 115
0	0	3 895	2	0	16	11	0	0	15 118	2 747	235	18 100	131	904	0	19 135
837	169	833	0	0	0	0	0	0	120 368	0	2 800	123 168	0	10 143	22	133 289
0	109	3	0	0	0	0	0	0	13 562	0	0	13 562	0	1 419	0	14 981
1 555	0	0	0	0	0	0	0	0	6 048	0	6 959	13 007	0	– 17	0	12 990
0	0	4	0	0	0	0	0	0	524	0	0	524	0	94	0	618
831	369	813	11	213	0	0	0	0	61 381	0	14 273	75 654	0	636	0	76 290
5 784	0	0	0	0	0	0	0	0	10 882	0	6 125	17 007	0	242	0	17 249
27	391	2	174	519	1 311	53	0	0	33 686	0	572	34 258	0	2 981	0	37 239
632	1	206	83	0	10	7	0	0	17 739	1 729	584	20 052	2 502	1 154	0	23 708
0	15	0	0	0	0	0	0	0	13 632	0	2 147	15 779	0	1 522	0	17 301
4 058	858	1 020	185	509	112	382	0	0	47 938	0	8 587	56 525	0	1 440	0	57 965
55	89	0	0	0	0	10	0	0	73 352	0	8 071	81 423	0	3 162	0	84 585
744	52	1 142	227	280	117	78	0	0	101 314	0	30	101 344	0	481	11	101 814
94 755	1 301	5	765	0	898	56	0	0	112 667	5	35 711	148 383	0	9 516	0	157 899
4 349	23	319	3 661	849	3	295	0	0	13 754	0	4 532	18 286	0	185	0	18 471
5 638	80 094	441	514	324	751	45	0	0	122 614	0	42 051	164 665	0	3 630	0	168 295
561	10	73 705	2 776	0	0	261	0	0	81 699	0	51	81 750	0	0	0	81 750
18	25	246	37 060	951	441	0	0	0	39 178	0	140	39 318	0	260	0	39 578
0	0	547	0	91 110	0	0	0	0	91 740	0	0	91 740	0	177	0	91 917
11	233	20	697	0	12 655	0	0	0	14 418	117	458	14 993	92	999	0	16 084
0	161	0	0	0	23	13 032	0	0	14 130	0	351	14 481	0	623	0	15 104
0	0	0	0	0	0	0	800	0	800	0	0	800	0	0	0	800
1	0	0	0	0	0	0	0	0	17 160	0	0	17 160	0	0	0	17 160
0	0	0	0	0	0	0	0	0	0	0	18 578	18 578	0	0	0	18 578
0	0	0	0	0	0	0	0	1 882	1 882	0	0	1 882	0	2	0	1 884
2 078	925	0	0	0	35	153	0	0	153 496	0	2 261	155 757	– 155 757	0	0	0
										– 6 009		– 6009				– 6 009
											3 683	3683				3683
124 127	84 914	83 206	46 155	94 755	16 372	14 416	800	1 882	1 559 093	425 727	164 924	2 149 744	0	89 397	1 300	2 237 841

G 2 Use table 2019\* at purchasers' prices (mln euro)

2019*		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	6 228	0	20 852	0	0	166	156	0	577	0	0	5	0
2	Products of forestry	26	0	175	0	0	3	1	0	0	0	0	0	0
3	Products of fishing	14	0	410	0	0	0	2	0	45	0	0	0	0
4	Crude petroleum and natural gas	664	25	26 320	1 694	58	99	495	112	409	36	70	85	82
5	Other mining and quarrying products	72	866	2 504	598	0	1 292	17	0	0	0	0	17	470
6	Food products	4 896	1	22 171	161	605	42	553	11	4 667	21	38	38	37
7	Beverages and tobacco	2	0	345	0	1	5	38	6	1 992	6	23	2	19
8	Textiles, wearing apparel and leather	42	4	2 029	3	11	120	98	30	45	44	15	12	134
9	Wood, paper products and printing services	110	16	8 861	30	25	2 912	693	212	139	1 135	122	740	293
10	Coke and refined petroleum products	742	25	6 201	491	98	1 125	1 028	6 542	57	120	264	125	361
11	Chemicals and chemical products	826	34	31 094	63	104	1 141	292	7	0	74	0	148	537
12	Pharmaceutical products and preparations	97	0	1 760	0	0	0	48	0	0	0	0	0	455
13	Rubber, plastics and non-metallic minerals	234	31	7 578	47	49	10 500	875	369	79	93	31	943	281
14	Basic metals	6	0	10 057	0	9	2 399	180	0	0	0	0	103	23
15	Metal products	35	15	13 511	77	51	7 343	539	57	21	31	14	161	595
16	Computer, electronic and optical products	26	10	10 581	35	14	827	732	108	66	2 004	128	56	567
17	Electrical equipment	21	32	3 973	33	38	2 697	637	115	26	843	20	67	317
18	Machinery and equipment n.e.c.	49	20	13 137	38	4	1 835	1 153	31	6	54	4	1	362
19	Transport equipment	5	1	9 589	0	4	88	2 245	88	3	9	3	1	6
20	Other manufactured goods and repair	1 162	296	6 373	359	318	1 826	1 465	2 110	351	334	61	334	725
21	Electricity, gas, steam and air conditioning	440	903	2 663	1 932	169	134	1 582	394	455	239	149	261	253
22	Water supply and waste management	380	16	1 694	39	3 334	65	308	62	89	60	89	69	284
23	Constructions and construction works	382	159	376	1 310	97	34 114	461	918	124	570	75	13 893	1 433
24	Trade and repair of motor vehicles	80	11	299	4	79	313	2 643	880	36	93	164	54	425
25	Wholesale trade	33	9	3 741	105	24	10	6 024	15	0	230	0	0	419
26	Retail trade	0	0	0	0	0	0	0	0	0	0	0	0	0
27	Transportation and storage services	286	149	2 065	105	502	182	6 063	22 201	48	232	155	28	838
28	Postal and courier services	28	0	123	25	6	83	540	2 340	44	191	141	137	5 584
29	Accommodation and food services	14	27	522	42	14	141	692	681	94	305	288	32	617
30	Publishing, audiovisual and broadcasting	17	20	720	61	28	199	1 495	200	182	1 555	449	105	3 054
31	Telecommunications services	83	7	408	47	35	250	838	243	112	1 691	700	344	1 196
32	IT- and information services	88	25	1 347	124	53	566	2 184	659	223	12 118	1 473	263	3 232
33	Financial and insurance services	390	176	3 220	209	179	855	2 625	993	274	735	18 910	20 315	1 829
34	Real estate services	625	51	2 408	144	145	918	7 908	1 540	1 849	1 173	1 084	2 100	2 592
35	Professional and technical activities	845	406	14 109	541	328	4 086	20 567	4 379	1 307	9 467	8 363	1 944	25 011
36	Scientific research and development services	0	0	0	0	0	0	0	0	0	0	9	0	1 339
37	Administrative and support services	714	334	16 845	911	610	3 468	14 073	6 518	1 636	13 846	3 125	1 779	9 494
38	Public administration and services	69	4	434	243	25	146	269	151	114	246	200	67	344
39	Education services	7	16	248	37	15	129	221	109	78	126	375	34	531
40	Human health and social work services	5	3	75	4	2	34	133	35	22	39	34	11	49
41	Arts, entertainment and recreation services	3	6	147	11	6	32	118	62	145	525	55	14	181
42	Other services	74	15	400	14	51	112	356	134	287	455	177	197	358
43	Services of households as employers	0	0	0	0	0	0	0	0	0	0	0	0	0
44	Margins on merchanting	0	0	0	0	0	0	0	0	0	0	0	0	0
45	Services n.e.c.	11	1	301	15	2	61	746	177	71	146	251	21	347
46	Not imputed goods and services	11	0	220	18	8	1 028	82	27	81	16	20	24	32
47	Total intermediate consumption	19 842	3 714	249 886	9 570	7 101	81 346	81 175	52 516	15 754	48 862	37 079	44 530	64 706
48	Other taxes on production	407	7	536	465	38	142	539	478	361	57	1 804	4 472	163
49	Other subsidies on production (–)	1 052	5	991	15	91	78	429	1 556	127	379	37	19	1 801
50	Wages and salaries	2 904	674	35 311	1 742	1 638	14 817	39 253	15 652	6 817	16 230	13 887	3 025	32 059
51	Employers' social contributions	764	147	9 564	450	513	4 155	10 104	4 564	1 395	3 588	3 702	847	7 404
52	Operating surplus (gross)	10 316	4 450	44 057	6 752	2 451	16 715	50 257	14 609	6 912	16 866	26 891	44 545	21 596
53	Value added at basic prices (rows 47-51)	13 339	5 273	88 477	9 394	4 549	35 751	99 724	33 747	15 358	36 362	46 247	52 870	59 421
54	Consumption by non-residents in the Netherlands													
55	Consumption by residents in the rest of the world													
56	Cif/fob-adjustment													
57	Use at purchasers' prices	33 181	8 987	338 363	18 964	11 650	117 097	180 899	86 263	31 112	85 224	83 326	97 400	124 127

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 <sup>1)</sup>	Consumption residents in rest of the world	Total
14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
298	133	0	377	5	38	0	166	29 001	27 058	18	7 760	0	152	40		64 029
0	13	0	0	10	0	0	0	228	491	0	14	0	0	0		733
0	6	0	32	0	3	0	0	512	740	0	196	0	0	2		1 450
50	131	221	364	172	201	0	0	31 288	10 112	0	6 256	31	0	226		47 913
22	97	1	0	0	0	0	7	5 963	2 467	3 066	98	0	94	112		11 800
14	144	71	1 662	204	78	0	199	35 613	56 489	856	34 565	0	0	– 54		127 469
12	46	36	147	752	46	0	150	3 628	9 339	129	11 455	0	0	46		24 597
267	320	14	519	22	97	0	22	3 848	19 846	0	20 922	0	328	109		45 053
846	186	197	566	57	188	0	233	17 561	8 257	88	2 947	0	253	– 59		29 047
595	219	182	98	193	138	0	4	18 608	39 106	229	12 104	0	0	– 446		69 601
299	91	109	720	41	387	0	123	36 090	57 652	2 802	6 023	0	0	526		103 093
0	281	38	3 486	0	0	0	4	6 169	16 586	360	2 150	4 590	0	111		29 966
443	118	81	476	56	171	0	474	22 929	15 137	55	3 368	0	595	– 14		42 070
0	5	49	0	0	18	0	0	12 849	13 628	110	0	0	0	132		26 719
18	715	138	59	19	39	0	208	23 646	9 040	461	1 963	0	1 919	– 93		36 936
257	67	95	1 010	83	58	0	82	16 806	64 966	296	6 202	1 433	8 649	552		98 904
166	144	78	97	49	42	0	166	9 561	16 244	58	3 107	45	673	8		29 696
23	37	18	32	15	13	0	3	16 835	49 463	345	533	0	11 638	– 61		78 753
7	61	2	0	0	12	0	0	12 124	28 937	344	9 461	7	16 810	1 361		69 044
675	1 173	107	1 073	34	98	0	12	18 886	23 735	2 737	11 753	0	3 537	– 153		60 495
150	421	283	428	438	267	0	0	11 561	906	0	5 481	11	156	0		18 115
42	1 410	74	301	78	34	0	0	8 428	4 692	431	2 890	2 678	0	16		19 135
116	3 749	945	896	179	69	0	0	59 866	0	3 668	162	543	69 050	0		133 289
1 406	160	97	163	78	54	0	0	7 039	0	0	7 942	0	0	0		14 981
3	0	0	0	0	0	0	0	10 613	0	2 377	0	0	0	0		12 990
0	0	0	0	0	0	0	0	0	0	0	618	0	0	0		618
1 200	362	106	459	68	67	0	0	35 116	0	32 172	8 209	793	0	0		76 290
60	467	138	359	65	41	0	0	10 372	0	6 390	487	0	0	0		17 249
929	247	89	1 094	101	62	0	0	5 991	0	68	31 130	50	0	0		37 239
384	636	549	539	155	71	0	29	10 448	1 746	1 930	5 470	338	3 832	– 56		23 708
201	356	183	588	291	153	0	0	7 726	0	2 917	6 658	0	0	0		17 301
836	1 871	417	430	199	230	0	0	26 338	0	12 638	277	0	18 712	0		57 965
931	1 763	220	999	206	433	0	0	55 262	0	5 998	22 523	0	802	0		84 585
904	641	572	1 939	205	539	0	0	27 337	0	29	68 779	3 808	1 861	0		101 814
8 833	6 184	1 734	1 492	876	1 289	0	0	111 761	10	26 513	3 756	378	15 481	0		157 899
0	0	0	0	0	0	0	0	1 348	0	4 194	0	0	12 929	0		18 471
11 130	6 656	3 492	2 831	1 217	699	0	0	99 378	0	54 061	12 312	573	1 971	0		168 295
119	387	120	181	62	52	0	0	3 233	0	678	1 271	75 911	657	0		81 750
85	1 233	167	736	102	28	0	0	4 277	0	158	3 849	31 294	0	0		39 578
54	1 289	49	3 178	10	21	0	0	5 047	0	0	13 289	73 581	0	0		91 917
242	247	158	48	2 254	61	0	0	4 315	131	754	9 735	1 112	0	37		16 084
160	212	66	822	142	332	0	0	4 364	0	94	10 056	590	0	0		15 104
0	0	0	0	0	0	0	0	0	0	0	4	796	0	0		800
0	0	0	0	0	0	0	0	0	17 160	0	0	0	0	0		17 160
506	302	57	8	40	31	0	0	3 094	0	0	0	0	0	0	15 484	18 578
142	32	30	58	9	46	0	0	1 884	0	0	0	0	0	0		1 884
32 425	32 612	10 983	28 267	8 487	6 206	0	1 882	836 943	493 938	167 024	355 775	198 562	170 099	2 342	15 484	2 240 167
577	620	307	431	65	39	0	0	11 508	0	0	0	0	0	0		11 508
461	13	33	2 220	411	55	0	0	9 773	0	0	0	0	0	0		9 773
25 742	25 156	19 985	41 376	3 522	4 162	763	0	304 715	0	0	0	0	0	0		304 715
6 796	9 321	6 621	11 741	871	1 104	37	0	83 688	0	0	0	0	0	0		83 688
19 835	15 510	8 292	15 160	3 838	2 960	0	0	332 012	0	0	0	0	0	0		332 012
52 489	50 594	35 172	66 488	7 885	8 210	800	0	722 150	0	0	0	0	0	0		722 150
									16 517	– 16 517						0
										15 484				– 15 484		0
									– 2 326							0
84 914	83 206	46 155	94 755	16 372	14 416	800	1 882	1 559 093	493 938	181 215	354 742	198 562	170 099	2 342	0	2 959 991



### G 3 Input-output table 2019\* at basic prices (mln euro)

2019*														
	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	5 787	4	10 470	2	9	171	266	142	166	12	4	20	29	123
2 Mining and quarrying	35	286	1 130	19	11	367	98	13	56	13	10	10	7	8
3 Manufacturing	5 899	303	52 365	489	712	13 589	3 673	3 372	2 809	1 482	390	1 168	2 756	1 535
4 Electricity and gas supply	332	875	2 002	2 087	123	101	1 208	292	341	182	88	224	203	118
5 Water supply and waste management	438	49	2 139	27	2 267	420	242	48	69	50	75	57	263	29
6 Construction	403	168	646	1 182	115	32 108	563	860	132	584	67	11 627	1 454	95
7 Wholesale, retail trade and repair vehicles	338	56	3 970	134	483	884	8 979	1 288	219	1 405	273	182	1 436	1 811
8 Transportation and storage	192	90	2 623	86	499	207	2 868	15 242	80	338	254	155	846	1 253
9 Accommodation and food serving	14	27	525	42	14	141	670	371	371	297	247	32	588	337
10 Information and communication	161	41	1 917	179	90	867	3 532	858	434	11 156	1 669	621	5 044	1 096
11 Financial and insurance activities	276	164	2 816	188	147	751	2 289	781	281	669	13 387	20 191	3 109	811
12 Real estate activities	4	50	1 814	121	104	929	6 492	886	1 543	989	685	2 075	1 913	685
13 Professional, scientific, technical activities	807	307	9 626	374	255	3 396	14 754	3 355	986	5 139	3 950	1 454	16 644	2 710
14 Administrative and support service activities	359	193	7 985	807	495	3 006	5 901	4 369	1 437	1 836	1 807	1 365	5 126	7 174
15 Public administration and services	87	5	653	251	168	170	537	261	137	270	303	79	761	161
16 Education	7	16	272	34	17	126	253	117	116	192	344	38	947	114
17 Human health and social work activities	6	3	84	4	2	34	145	40	22	39	37	11	53	60
18 Arts, entertainment and recreation	3	6	215	15	22	56	274	63	159	521	120	37	342	503
19 Other service activities	64	12	330	14	39	113	279	121	261	297	173	158	339	152
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.	11	0	220	18	8	1 028	82	26	81	16	20	24	32	142
22 Total of rows 1–21	15 223	2 655	101 802	6 073	5 580	58 464	53 105	32 805	9 700	25 487	23 903	39 528	41 894	18 917
23 Imports of goods	2 231	137	106 587	2 180	763	12 057	4 911	4 245	3 281	2 502	235	679	1 815	1 393
24 Imports of services	542	726	19 116	345	423	3 549	20 205	13 266	524	19 693	10 270	784	19 940	10 962
25 Import duties	5	2	428	2	5	55	18	15	68	14	1	2	5	5
26 Other taxes on imports	348	13	756	648	54	234	354	336	390	27	50	59	54	129
27 Taxes on domestic products	386	26	1 165	59	120	331	611	1 248	315	274	2 505	2 822	264	278
28 Import subsidies (–)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29 Subsidies on domestic products (–)	40	12	244	26	15	22	157	41	45	23	13	33	27	14
30 Trade and transport margins	1 147	167	20 276	289	171	6 678	2 128	642	1 521	888	128	689	761	755
31 Total of rows 22–31	19 842	3 714	249 886	9 570	7 101	81 346	81 175	52 516	15 754	48 862	37 079	44 530	64 706	32 425
32 Other taxes on production	407	7	536	465	38	142	539	478	361	57	1 804	4 472	163	577
33 Other subsidies on production (–)	1 052	5	991	15	91	78	429	1 556	127	379	37	19	1 801	461
34 Wages and salaries	2 904	674	35 311	1 742	1 638	14 817	39 253	15 652	6 817	16 230	13 887	3 025	32 059	25 742
35 Employers' social contributions	764	147	9 564	450	513	4 155	10 104	4 564	1 395	3 588	3 702	847	7 404	6 796
36 Operating surplus (gross)	10 316	4 450	44 057	6 752	2 451	16 715	50 257	14 609	6 912	16 866	26 891	44 545	21 596	19 835
37 Value added at basic prices (33–37)	13 339	5 273	88 477	9 394	4 549	35 751	99 724	33 747	15 358	36 362	46 247	52 870	59 421	52 489
38 Cif/fob-adjustment														
39 Total	33 181	8 987	338 363	18 964	11 650	117 097	180 899	86 263	31 112	85 224	83 326	97 400	124 127	84 914

<sup>1)</sup> Including acquisitions less disposals of valuables.

### G 3 Input-output table 2019\* at basic prices (mln euro)

2019*															
		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	5 785	5	10 473	3	6	168	265	143	165	9	3	21	28	121
2	Mining and quarrying	108	286	1 352	43	9	367	98	17	48	7	11	12	9	8
3	Manufacturing	5 898	303	52 365	494	712	13 589	3 673	3 371	2 810	1 482	389	1 167	2 756	1 535
4	Electricity and gas supply	289	880	2 054	2 110	126	90	1 160	290	330	170	79	226	187	106
5	Water supply and waste management	435	50	2 139	27	2 266	420	240	48	68	51	74	57	262	29
6	Construction	403	168	646	1 182	115	32 108	563	860	132	584	67	11 627	1 454	95
7	Wholesale, retail trade and repair vehicles	338	56	3 970	134	483	884	8 979	1 288	219	1 405	273	182	1 436	1 811
8	Transportation and storage	192	90	2 623	86	499	207	2 868	15 242	80	338	254	155	846	1 253
9	Accommodation and food serving	14	27	525	42	14	141	670	671	371	297	247	32	588	337
10	Information and communication	161	41	1 917	179	90	867	3 532	858	434	11 156	1 669	621	5 044	1 096
11	Financial and insurance activities	276	164	2 816	188	147	751	2 289	781	281	669	13 387	20 191	3 109	811
12	Real estate activities	4	50	1 814	121	104	929	6 492	886	1 543	989	685	2 075	1 913	685
13	Professional, scientific, technical activities	807	307	9 626	374	255	3 396	14 754	3 355	986	5 139	3 950	1 454	16 644	2 710
14	Administrative and support service activities	359	193	7 985	807	495	3 006	5 901	4 369	1 437	1 836	1 807	1 365	5 126	7 174
15	Public administration and services	87	5	653	251	168	170	537	261	137	270	303	79	761	161
16	Education	7	16	272	34	17	126	253	117	116	192	344	38	947	114
17	Human health and social work activities	6	3	84	4	2	34	145	40	22	39	37	11	53	60
18	Arts, entertainment and recreation	3	6	215	15	22	56	274	63	159	521	120	37	342	503
19	Other service activities	64	12	330	14	39	113	279	121	261	297	173	158	339	152
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.	11	0	220	18	8	1 028	82	26	81	16	20	24	32	142
22	Total of rows 1–21	15 247	2 662	102 079	6 126	5 577	58 450	53 054	32 807	9 680	25 467	23 892	39 532	41 876	18 903
23	Imports of goods	2 328	132	106 789	2 782	759	12 041	4 888	4 241	3 253	2 498	231	676	1 810	1 391
24	Imports of services	542	726	19 116	345	423	3 549	20 205	13 266	524	19 693	10 270	784	19 940	10 962
25	Import duties	5	2	428	2	5	55	18	15	68	14	1	2	5	5
26	Other taxes on imports	165	17	362	1	62	252	371	343	421	31	56	56	61	132
27	Taxes on domestic products	422	18	953	16	106	339	597	1 225	311	289	2 511	2 817	278	289
28	Import subsidies (–)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	Subsidies on domestic products (–)	20	7	144	16	9	15	86	22	23	11	7	15	15	7
30	Trade and transport margins	1 153	164	20 303	314	178	6 675	2 128	641	1 520	881	125	678	751	750
31	Total of rows 22–31	19 842	3 714	249 886	9 570	7 101	81 346	81 175	52 516	15 754	48 862	37 079	44 530	64 706	32 425
32	Other taxes on production	407	7	536	465	38	142	539	478	361	57	1 804	4 472	163	577
33	Other subsidies on production (–)	1 052	5	991	15	91	78	429	1 556	127	379	37	19	1 801	461
34	Wages and salaries	2 904	674	35 311	1 742	1 638	14 817	39 253	15 652	6 817	16 230	13 887	3 025	32 059	25 742
35	Employers' social contributions	764	147	9 564	450	513	4 155	10 104	4 564	1 395	3 588	3 702	847	7 404	6 796
36	Operating surplus (gross)	10 316	4 450	44 057	6 752	2 451	16 715	50 257	14 609	6 912	16 866	26 891	44 545	21 596	19 835
37	Value added at basic prices (33–37)	13 339	5 273	88 477	9 394	4 549	35 751	99 724	33 747	15 358	36 362	46 247	52 870	59 421	52 489
38	Cif/fob-adjustment														
39	Total	33 181	8 987	338 363	18 964	11 650	117 097	180 899	86 263	31 112	85 224	83 326	97 400	124 127	84 914

<sup>1)</sup> 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. NP/SHs	Final consumption general government	Gross fixed capital formation	Changes in inventories <sup>1)</sup>	Trade and transport margins	Cif/fob-adjustment	Cif/fob-reclassification	Total
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
118	15	163	16	23	0	27	17 567	12 237	257	1 992	176	327	– 126	751			33 181
16	21	37	11	15	0	0	2 163	4 017	1 945	552	2	40	– 8	276			8 987
1 307	389	1 949	660	378	0	412	95 637	187 506	13 636	17 812	2 724	12 229	– 8	8 827			338 363
282	174	275	294	175	0	0	9 378	870	89	3 760	29	2 717	0	2 121			18 964
1 100	67	223	72	29	0	7	7 671	1 082	461	1 165	1 024	169	0	78			11 650
3 106	771	715	163	63	0	0	54 822	153	4 281	206	455	56 767	0	413			117 097
413	137	279	166	117	0	4	22 574	21 118	8 293	10 309	12	– 1 580	5	120 168			180 899
898	223	664	121	100	0	0	26 739	0	34 062	6 374	2 864	1 013	0	15 211			86 263
213	86	920	117	56	0	0	5 368	0	5 103	19 520	50	83	0	988			31 112
1 892	882	1 115	459	335	0	8	32 356	628	31 492	9 422	365	9 672	– 8	1 297			85 224
3 245	215	911	185	410	0	0	50 826	0	9 580	20 501	130	2 289	0	0			83 326
119	278	1 111	114	374	0	0	20 286	0	2 057	68 882	3 780	2 220	0	175			97 400
4 269	1 177	1 011	709	905	0	5	71 833	486	34 035	3 248	894	11 382	171	2 078			124 127
3 518	2 591	1 971	1 007	529	0	0	51 476	9	21 048	10 508	208	740	0	925			84 914
1 058	218	865	79	63	0	0	6 126	171	720	3 104	70 264	2 821	0	0			83 206
1 348	650	619	273	75	0	0	5 558	0	582	3 207	33 148	3 660	0	0			46 155
1 301	53	3 597	10	21	0	0	5 522	0	290	13 542	74 066	1 335	0	0			94 755
244	156	49	1 953	66	0	0	4 804	57	1 868	8 046	1 099	458	5	35			16 372
190	62	748	120	403	0	0	3 875	11	261	8 858	851	407	0	153			14 416
0	0	0	0	0	0	0	0	0	0	4	796	0	0	0			800
32	30	58	8	46	0	0	1 882	0	0	0	0	0	0	0			1 882
24 669	8 195	17 280	6 537	4 183	0	463	496 463	228 345	170 060	211 012	192 937	106 749	31	153 496	0	0	1 559 093
1 306	561	4 419	492	693	0	380	150 867	213 731	1 467	32 980	1 615	28 772	2 304	0	– 2 326	– 3 683	425 727
1 872	444	757	440	405	0	0	124 263	0	7 448	17 592	1	9 676	0	2 261		3 683	164 924
9	2	26	5	3	0	2	672	1 549	9	347	1	107	8	0			2 693
63	104	122	129	73	0	12	3 955	110	79	4 232	9	1 662	0	0			10 047
4 294	1 405	2 856	552	522	0	31	20 064	0	1 907	37 895	751	16 040	0	0			76 657
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
32	28	28	45	24	0	0	869	118	4	291	0	18	0	0			1 300
431	300	2 835	377	351	0	994	41 528	50 321	2 575	50 975	3 248	7 111	– 1	– 155 757			0
32 612	10 983	28 267	8 487	6 206	0	1 882	836 943	493 938	183 541	354 742	198 562	170 099	2 342	0	– 2 326	0	2 237 841
620	307	431	65	39	0	0	11 508	0	0	0	0	0	0	0			11 508
13	33	2 220	411	55	0	0	9 773	0	0	0	0	0	0	0			9 773
25 156	19 985	41 376	3 522	4 162	763	0	304 715	0	0	0	0	0	0	0			304 715
9 321	6 621	11 741	871	1 104	37	0	83 688	0	0	0	0	0	0	0			83 688
15 510	8 292	15 160	3 838	2 960	0	0	332 012	0	0	0	0	0	0	0			332 012
50 594	35 172	66 488	7 885	8 210	800	0	722 150	0	0	0	0	0	0	0			722 150
								– 2 326							2 326		0
83 206	46 155	94 755	16 372	14 416	800	1 882	1 559 093	493 938	181 215	354 742	198 562	170 099	2 342	0	0	0	2 959 991

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 <sup>1)</sup>	Trade and transport margins	Cif/fob-adjustment	Cif/fob-reclassification	Total
15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
116	14	163	17	23	0	27	17 555	12 233	255	2 009	176	328	– 126	751			33 181
25	17	33	17	18	0	0	2 485	3 973	1 943	295	1	40	– 26	276			8 987
1 306	389	1 950	658	377	0	412	95 636	187 506	13 635	17 814	2 724	12 229	– 8	8 827			338 363
254	166	261	281	155	0	0	9 214	755	93	4 031	29	2 721	0	2 121			18 964
1 099	66	224	70	28	0	7	7 660	1 078	462	1 178	1 024	170	0	78			11 650
3 106	771	715	163	63	0	0	54 822	153	4 281	206	455	56 767	0	413			117 097
413	137	279	166	117	0	4	22 574	21 118	8 284	10 318	12	– 1 580	5	120 168			180 899
898	223	664	121	100	0	0	26 739	0	34 061	6 375	2 864	1 013	0	15 211			86 263
213	86	920	117	56	0	0	5 368	0	5 103	19 520	50	83	0	988			31 112
1 892	882	1 115	459	335	0	8	32 356	628	31 492	9 422	365	9 672	– 8	1 297			85 224
3 245	215	911	185	410	0	0	50 826	0	9 580	20 501	130	2 289	0	0			83 326
119	278	1 111	114	374	0	0	20 286	0	2 057	68 882	3 780	2 220	0	175			97 400
4 269	1 177	1 011	709	905	0	5	71 833	486	34 038	3 245	894	11 382	171	2 078			124 127
3 518	2 591	1 971	1 007	529	0	0	51 476	9	21 049	10 507	208	740	0	925			84 914
1 058	218	865	79	63	0	0	6 126	171	721	3 103	70 264	2 821	0	0			83 206
1 348	650	619	273	75	0	0	5 558	0	582	3 207	33 148	3 660	0	0			46 155
1 301	53	3 597	10	21	0	0	5 522	0	290	13 542	74 066	1 335	0	0			94 755
244	156	49	1 953	66	0	0	4 804	57	1 868	8 046	1 099	458	5	35			16 372
190	62	748	120	403	0	0	3 875	11	260	8 859	851	407	0	153			14 416
0	0	0	0	0	0	0	0	0	0	4	796	0	0	0			800
32	30	58	8	46	0	0	1 882	0	0	0	0	0	0	0			1 882
24 646	8 181	17 264	6 527	4 164	0	463	496 597	228 178	170 054	211 064	192 936	106 755	13	153 496	0	0	1 559 093
1 312	548	4 396	486	687	0	380	151 628	213 705	1 463	32 235	1 610	28 773	2 322	0	– 2 326	– 3 683	425 727
1 872	444	757	440	405	0	0	124 263	0	7 447	17 593	1	9 676	0	2 261		3 683	164 924
9	2	26	5	3	0	2	672	1 549	9	347	1	107	8	0			2 693
47	120	146	124	73	0	12	2 852	110	90	5 321	14	1 660	0	0			10 047
4 313	1 405	2 864	557	536	0	31	19 877	0	1 910	38 105	751	16 014	0	0			76 657
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			0
16	16	17	28	13	0	0	487	1	12	800	0	0	0	0			1 300
429	299	2 831	376	351	0	994	41 541	50 397	2 580	50 877	3 249	7 114	– 1	– 155 757			0
32 612	10 983	28 267	8 487	6 206	0	1 882	836 943	493 938	183 541	354 742	198 562	170 099	2 342	0	– 2 326	0	2 237 841
620	307	431	65	39	0	0	11 508	0	0	0	0	0	0	0			11 508
13	33	2 220	411	55	0	0	9 773	0	0	0	0	0	0	0			9 773
25 156	19 985	41 376	3 522	4 162	763	0	304 715	0	0	0	0	0	0	0			304 715
9 321	6 621	11 741	871	1 104	37	0	83 688	0	0	0	0	0	0	0			83 688
15 510	8 292	15 160	3 838	2 960	0	0	332 012	0	0	0	0	0	0	0			332 012
50 594	35 172	66 488	7 885	8 210	800	0	722 150	0	0	0	0	0	0	0			722 150
								– 2 326				2 326					0
83 206	46 155	94 755	16 372	14 416	800	1 882	1 559 093	493 938	181 215	354 742	198 562	170 099	2 342	0	0	0	2 959 991

3.

# Final expenditure

## B 1.1 Final consumption expenditure by type of goods and services

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Final consumption expenditure of households including NPIs serving households, domestic</b>	301 872	308 989	315 332	326 606	341 754	355 775
Goods	131 707	134 606	135 526	140 514	146 627	152 514
Food	33 354	34 620	35 335	37 005	37 979	39 708
Potatoes, vegetables and fruits	6 740	7 111	7 467	7 867	8 060	8 510
Meat and meat products	5 987	6 181	6 343	6 594	6 709	6 906
Fish	1 084	1 137	1 118	1 184	1 257	1 313
Dairy products	5 090	5 212	5 279	5 623	5 942	6 241
Bread, rusks and bread products	5 284	5 392	5 378	5 553	5 662	5 921
Other food products	9 169	9 587	9 750	10 184	10 349	10 817
Beverages	5 412	5 426	5 482	5 483	5 586	5 762
Non-alcoholic beverages	1 940	1 929	1 963	1 895	1 886	1 932
Alcoholic beverages	3 472	3 497	3 519	3 588	3 700	3 830
Tobacco	4 708	4 763	4 863	4 861	5 072	4 806
Durable consumer goods	53 726	55 822	56 265	58 587	61 600	64 073
Textiles and clothing	12 970	13 573	13 687	14 225	14 299	14 795
Leather goods and footwear	3 673	3 740	3 674	3 873	3 829	3 907
Home furnishing and home decoration	12 206	12 794	13 419	14 378	15 147	16 223
Electrical equipment	8 483	8 416	8 204	8 342	8 557	8 983
Vehicles	9 676	10 344	10 213	10 290	11 825	11 868
Other durable consumer goods n.e.c.	6 718	6 955	7 068	7 479	7 943	8 297
Electricity, gas, water and motor fuels	20 845	20 135	19 477	20 115	21 546	22 547
Electricity, gas and water	9 351	9 424	9 088	8 995	9 697	10 508
Motor fuels	11 494	10 711	10 389	11 120	11 849	12 039
Personal care products	6 112	6 188	6 309	6 410	6 610	6 878
Other goods	7 550	7 652	7 795	8 053	8 234	8 740
Services	170 165	174 383	179 806	186 092	195 127	203 261
Housing	63 568	65 817	67 472	69 317	72 493	75 959
Actual rentals for housing	18 221	18 824	19 269	19 847	20 495	21 233
Imputed rents owner-occupied dwellings	39 057	40 746	41 886	43 037	45 175	47 533
Services for house and garden	6 290	6 247	6 317	6 433	6 823	7 193
Hotels and restaurants services	22 117	23 580	25 130	27 261	29 194	31 130
Food and beverage serving services	17 234	18 242	19 466	20 740	22 148	23 502
Accommodation services	4 883	5 338	5 664	6 521	7 046	7 628
Recreational and cultural services	12 742	13 106	13 432	13 934	14 543	14 962
Recreational services	9 763	9 955	10 172	10 577	11 045	11 384
Cultural services	2 979	3 151	3 260	3 357	3 498	3 578
Transport and communication services	14 721	14 830	14 718	14 946	14 806	15 389
Transport services	6 668	6 935	7 064	7 349	7 706	8 265
Communication services	8 053	7 895	7 654	7 597	7 100	7 124
Medical services and welfare	12 313	12 399	12 544	12 534	12 908	13 289
Medical services	7 578	7 602	7 948	8 010	8 125	8 285
Welfare	4 735	4 797	4 596	4 524	4 783	5 004
Financial and business services	24 790	24 259	25 318	25 861	27 792	27 478
Other services	19 914	20 392	21 192	22 239	23 391	25 054
Final consumption by non-residents in the Netherlands (–)	11 198	12 067	13 108	14 267	15 057	16 517
Final consumption by residents in the rest of the world	13 570	13 894	13 817	14 922	14 863	15 484
<b>Final consumption expenditure of households including NPIs serving households, national</b>	304 244	310 816	316 041	327 261	341 560	354 742
<b>Individual final consumption of general government</b>	116 528	116 535	117 218	120 978	127 414	134 686
Goods	5 548	5 742	5 523	5 597	5 839	6 106
Durable consumer goods	1 407	1 448	1 349	1 372	1 420	1 485
Home furnishing and home decoration	2	0	0	0	0	0
Electrical equipment	62	71	77	76	68	70
Vehicles	6	6	6	7	7	7
Other durable consumer goods n.e.c.	1 337	1 371	1 266	1 289	1 345	1 408
Electricity, gas, water and motor fuels	29	34	36	31	32	31
Personal care products	4 112	4 260	4 138	4 194	4 387	4 590
Services	110 980	110 793	111 695	115 381	121 575	128 580
Housing	3 976	4 361	4 690	4 832	5 004	5 158
Hotels and restaurants services	33	48	45	55	45	50
Recreational and cultural services	16 896	16 131	13 622	15 157	16 431	17 525
Transport and communication services	355	375	381	388	386	435
Medical services and welfare	61 891	61 608	63 687	65 238	68 933	73 413
Financial and business services	745	761	763	705	724	721
Other services	27 084	27 509	28 507	29 006	30 052	31 278
<b>Actual individual final consumption</b>	420 772	427 351	433 259	448 239	468 974	489 428
<b>Collective final consumption of general government</b>	55 937	55 819	57 624	58 513	61 197	63 876
<b>Final consumption expenditure</b>	476 709	483 170	490 883	506 752	530 171	553 304

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Final consumption expenditure of households including NPIs serving households, domestic</b>	0.5	2.1	1.4	2.2	2.4	1.7
Goods	0.5	3.1	0.9	2.4	2.6	1.5
Food	2.0	3.4	1.6	2.3	1.6	0.4
Potatoes, vegetables and fruits	5.0	3.4	2.3	3.1	0.9	0.9
Meat and meat products	-0.1	3.7	2.2	0.0	0.7	-2.5
Fish	2.6	3.2	-4.1	-2.2	4.1	1.5
Dairy products	0.6	3.3	2.6	1.0	2.2	0.8
Bread, rusks and bread products	-0.1	1.2	-1.0	3.1	1.6	-0.4
Other food products	3.0	4.4	2.4	3.9	2.1	1.7
Beverages	-0.7	-0.2	-0.7	-1.2	-0.4	2.0
Non-alcoholic beverages	-1.7	-1.3	-3.2	-6.7	-3.5	0.0
Alcoholic beverages	-0.1	0.4	0.7	1.9	1.2	3.0
Tobacco	-6.6	-2.5	-1.4	-1.0	-1.3	-4.1
Durable consumer goods	3.4	4.4	0.4	4.1	5.0	3.5
Textiles and clothing	4.8	5.5	-0.1	3.5	0.4	2.6
Leather goods and footwear	1.0	3.2	-1.9	5.3	-0.2	1.4
Home furnishing and home decoration	2.2	5.1	4.0	6.6	4.8	5.7
Electrical equipment	8.3	3.0	0.7	5.9	6.5	8.5
Vehicles	2.8	4.6	-2.8	-1.0	13.6	-1.0
Other durable consumer goods n.e.c.	-0.6	3.5	0.6	5.4	3.8	3.7
Electricity, gas, water and motor fuels	-7.1	2.9	2.4	-0.4	0.9	-1.5
Electricity, gas and water	-12.9	3.5	2.2	-2.1	0.9	-1.8
Motor fuels	-1.8	2.4	2.5	1.1	0.9	-1.2
Personal care products	3.4	1.5	1.6	2.2	-0.3	1.2
Other goods	-0.4	0.3	-0.5	2.1	0.8	3.1
Services	0.5	1.4	1.7	2.1	2.3	1.8
Housing	1.0	1.0	0.7	1.1	1.9	1.8
Actual rentals for housing	1.0	1.3	0.2	1.2	1.3	1.2
Imputed rents owner-occupied dwellings	1.4	1.1	1.0	1.0	2.1	1.9
Services for house and garden	-1.5	-1.1	0.6	1.2	3.0	2.7
Hotels and restaurants services	3.3	4.1	5.0	5.0	4.1	2.2
Food and beverage serving services	2.9	3.5	4.8	3.9	4.3	1.5
Accommodation services	4.9	5.9	5.8	8.8	3.5	4.2
Recreational and cultural services	-2.1	1.2	2.5	1.6	2.8	-0.1
Recreational services	-3.0	0.3	2.5	1.5	2.8	-0.1
Cultural services	1.2	4.0	2.5	1.9	2.7	-0.2
Transport and communication services	0.5	1.7	1.0	3.0	0.4	2.5
Transport services	0.9	1.4	2.4	1.9	3.9	2.7
Communication services	0.2	2.0	-0.2	3.9	-2.9	2.2
Medical services and welfare	-0.3	0.9	0.5	-0.7	0.9	1.4
Medical services	1.4	0.4	4.1	0.0	-0.4	0.4
Welfare	-2.9	1.6	-5.3	-2.1	3.1	3.0
Financial and business services	-0.6	0.2	1.3	1.4	1.4	0.9
Other services	-0.6	1.4	2.5	4.1	4.0	3.6
Final consumption by non-residents in the Netherlands (-)	6.2	6.4	6.6	7.3	3.1	6.5
Final consumption by residents in the rest of the world	2.6	2.1	0.1	4.8	-3.0	1.8
<b>Final consumption expenditure of households including NPIs serving households, national</b>	0.4	2.0	1.1	2.1	2.2	1.5
<b>Individual final consumption of general government</b>	0.4	0.4	1.0	1.2	2.0	1.4
Goods	2.0	3.7	-0.9	3.4	5.8	1.8
Durable consumer goods	4.7	1.8	-5.7	0.4	5.1	3.5
Home furnishing and home decoration	.	.	.	.	.	.
Electrical equipment	8.8	19.4	11.3	0.0	-7.9	0.0
Vehicles	0.0	0.0	0.0	16.7	0.0	14.3
Other durable consumer goods n.e.c.	4.5	1.2	-6.6	0.4	5.9	3.6
Electricity, gas, water and motor fuels	15.4	34.5	14.7	-13.9	22.6	3.1
Personal care products	1.0	4.1	0.7	4.5	5.8	1.2
Services	0.3	0.3	1.1	1.1	1.8	1.3
Housing	-0.7	1.3	5.4	1.4	2.4	0.8
Hotels and restaurants services	28.0	39.4	-4.2	6.7	-21.8	6.7
Recreational and cultural services	-0.1	1.3	-1.3	3.0	0.3	1.9
Transport and communication services	-12.8	2.8	0.5	0.8	-1.5	8.5
Medical services and welfare	0.6	-0.0	2.1	1.4	2.9	2.0
Financial and business services	-4.5	1.9	0.0	-9.2	1.3	-3.6
Other services	0.2	0.0	-0.3	-0.2	0.0	-0.3
<b>Actual individual final consumption</b>	0.4	1.5	1.1	1.9	2.1	1.5
<b>Collective final consumption of general government</b>	0.9	-1.1	2.1	0.3	1.3	2.0
<b>Final consumption expenditure</b>	0.4	1.2	1.2	1.7	2.0	1.5

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Final consumption expenditure of households including NPIs serving households, domestic</b>	0.9	0.2	0.7	1.3	2.1	2.4
Goods	-0.6	-0.9	-0.2	1.3	1.7	2.5
Food	-0.3	0.4	0.4	2.4	1.0	4.2
Potatoes, vegetables and fruits	-2.6	2.0	2.6	2.2	1.5	4.6
Meat and meat products	-0.5	-0.5	0.4	4.0	1.0	5.6
Fish	0.0	1.6	2.6	8.3	2.0	2.9
Dairy products	3.7	-0.8	-1.2	5.5	3.4	4.2
Bread, rusks and bread products	0.5	0.9	0.7	0.1	0.3	5.0
Other food products	-0.9	0.1	-0.7	0.5	-0.5	2.8
Beverages	1.6	0.5	1.7	1.2	2.3	1.1
Non-alcoholic beverages	1.8	0.7	5.1	3.4	3.1	2.4
Alcoholic beverages	1.6	0.3	-0.1	0.1	1.9	0.5
Tobacco	2.4	3.8	3.6	1.0	5.7	-1.2
Durable consumer goods	-1.0	-0.5	0.4	-0.0	0.1	0.4
Textiles and clothing	-0.4	-0.8	0.9	0.4	0.1	0.8
Leather goods and footwear	-0.5	-1.3	0.1	0.1	-0.9	0.6
Home furnishing and home decoration	-0.4	-0.2	0.9	0.5	0.6	1.3
Electrical equipment	-5.5	-3.7	-3.2	-4.0	-3.7	-3.2
Vehicles	1.2	2.2	1.6	1.8	1.2	1.4
Other durable consumer goods n.e.c.	-0.8	0.1	1.0	0.4	2.3	0.8
Electricity, gas, water and motor fuels	-1.4	-6.1	-5.5	3.7	6.2	6.2
Electricity, gas and water	-0.7	-2.6	-5.6	1.1	6.8	10.3
Motor fuels	-2.1	-9.0	-5.4	5.8	5.6	2.9
Personal care products	-0.3	-0.2	0.3	-0.6	3.4	2.8
Other goods	-0.6	1.1	2.4	1.1	1.5	3.0
Services	2.1	1.1	1.4	1.4	2.5	2.3
Housing	3.3	2.6	1.8	1.6	2.6	3.0
Actual rentals for housing	2.7	2.0	2.1	1.8	2.0	2.4
Imputed rents owner-occupied dwellings	4.3	3.2	1.8	1.7	2.8	3.2
Services for house and garden	-1.3	0.4	0.5	0.7	3.0	2.7
Hotels and restaurants services	2.0	2.5	1.5	3.3	2.8	4.4
Food and beverage serving services	1.9	2.2	1.9	2.5	2.4	4.5
Accommodation services	2.1	3.2	0.3	5.8	4.4	3.9
Recreational and cultural services	1.8	1.7	0.0	2.1	1.5	3.0
Recreational services	1.7	1.6	-0.3	2.4	1.5	3.1
Cultural services	2.1	1.7	1.0	1.0	1.5	2.5
Transport and communication services	-1.4	-1.0	-1.7	-1.4	-1.4	1.4
Transport services	0.7	2.5	-0.5	2.1	0.9	4.4
Communication services	-3.0	-3.8	-2.8	-4.5	-3.7	-1.8
Medical services and welfare	0.9	-0.2	0.7	0.7	2.1	1.6
Medical services	1.0	-0.1	0.4	0.7	1.8	1.5
Welfare	0.7	-0.3	1.2	0.5	2.6	1.6
Financial and business services	2.5	-2.4	3.0	0.7	6.0	-2.0
Other services	1.8	0.9	1.4	0.8	1.2	3.4
Final consumption by non-residents in the Netherlands (-)	1.2	1.3	1.9	1.4	2.3	3.0
Final consumption by residents in the rest of the world	0.7	0.3	-0.7	3.0	2.7	2.4
<b>Final consumption expenditure of households including NPIs serving households, national</b>	0.9	0.2	0.6	1.4	2.2	2.3
<b>Individual final consumption of general government</b>	0.7	-0.4	-0.4	1.9	3.3	4.3
Goods	-0.9	-0.2	-3.0	-2.0	-1.4	2.7
Durable consumer goods	-1.5	1.0	-1.2	1.3	-1.5	1.0
Home furnishing and home decoration	.	.	.	.	.	.
Electrical equipment	0.0	-4.1	-2.5	-1.3	-2.9	2.9
Vehicles	0.0	0.0	0.0	0.0	0.0	-12.5
Other durable consumer goods n.e.c.	-1.5	1.3	-1.1	1.4	-1.5	1.0
Electricity, gas, water and motor fuels	-3.3	-12.8	-7.7	0.0	-15.8	-6.1
Personal care products	-0.6	-0.5	-3.5	-3.0	-1.2	3.4
Services	0.8	-0.4	-0.3	2.1	3.5	4.4
Housing	11.5	8.3	2.0	1.6	1.2	2.3
Hotels and restaurants services	3.1	4.3	-2.2	14.6	4.7	4.2
Recreational and cultural services	2.0	-5.8	-14.4	8.1	8.0	4.7
Transport and communication services	2.0	2.7	1.1	1.0	1.0	3.8
Medical services and welfare	0.0	-0.4	1.3	1.0	2.7	4.4
Financial and business services	-1.7	0.3	0.3	1.7	1.4	3.3
Other services	0.5	1.6	3.9	2.0	3.6	4.4
<b>Actual individual final consumption</b>	0.8	0.0	0.3	1.5	2.5	2.9
<b>Collective final consumption of general government</b>	0.6	0.9	1.2	1.3	3.3	2.3
<b>Final consumption expenditure</b>	0.8	0.1	0.4	1.5	2.6	2.8



## B 2.1 Final consumption expenditure by purpose

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Final consumption expenditure of households including NPIs serving households, national</b>	304 244	310 816	316 041	327 261	341 560	354 742
Food and non-alcoholic beverages	33 824	34 881	35 561	37 041	37 969	39 658
Bread and cereals	6 959	7 056	7 104	7 342	7 474	7 818
Meat and meat products	6 492	6 678	6 854	7 132	7 259	7 483
Fish	1 104	1 170	1 152	1 222	1 295	1 353
Dairy products, oils and fats	4 822	4 917	4 976	5 300	5 601	5 889
Potatoes, vegetables and fruits	6 426	6 777	7 116	7 507	7 695	8 126
Sugar, sweets and ice-cream	2 460	2 571	2 582	2 650	2 653	2 752
Other food n.e.c.	2 562	2 643	2 683	2 814	2 902	3 046
Coffee, tea and cocoa	1 030	1 132	1 120	1 166	1 190	1 254
Mineral waters, soft drinks, fruit and vegetable juices	1 969	1 937	1 974	1 908	1 900	1 937
Alcoholic beverages, tobacco and narcotics	9 766	10 040	10 222	10 308	10 596	10 711
Clothing and footwear	15 877	16 512	16 560	17 235	17 249	17 785
Clothing	13 072	13 650	13 750	14 274	14 364	14 836
Footwear	2 805	2 862	2 810	2 961	2 885	2 949
Housing, water, electricity, gas and other fuels	71 884	74 215	75 446	77 115	80 880	85 005
Actual rentals for housing	18 221	18 824	19 269	19 847	20 495	21 233
Imputed rents owner-occupied dwellings	39 057	40 746	41 886	43 037	45 175	47 533
Maintenance and repair of the dwelling	1 274	1 255	1 240	1 296	1 353	1 453
Water supply and miscellaneous services	2 909	2 928	2 907	2 896	2 955	3 112
Electricity, gas and other fuels	10 423	10 462	10 144	10 039	10 902	11 674
Furnishings, household equipment and household maintenance	15 791	16 338	17 170	18 301	19 322	20 696
Health	10 438	10 544	10 915	11 079	11 400	11 689
Transport	35 901	36 435	36 620	38 291	41 629	43 435
Purchase of vehicles	9 081	9 716	9 560	9 595	11 110	11 130
Operation of personal transport equipment	20 388	19 994	20 199	21 530	23 011	24 244
Transport services	6 432	6 725	6 861	7 166	7 508	8 061
Communication	9 443	9 290	8 905	8 767	8 361	8 424
Recreation and culture	31 908	32 431	32 905	34 288	35 553	36 972
Education	2 071	2 127	2 176	2 271	2 311	2 340
Restaurants and hotels	22 065	23 536	25 084	27 212	29 142	31 073
Social protection	4 724	4 786	4 586	4 514	4 771	4 992
Other	38 180	37 854	39 182	40 184	42 571	42 995
Final consumption by non-residents in the Netherlands (–)	11 198	12 067	13 108	14 267	15 057	16 517
Final consumption by residents in the rest of the world	13 570	13 894	13 817	14 922	14 863	15 484
<b>Individual final consumption of general government</b>	116 528	116 535	117 218	120 978	127 414	134 686
Housing, water, electricity, gas and other fuels	2 819	3 118	3 345	3 438	3 507	3 722
Health	48 512	48 865	47 582	50 084	52 999	56 232
Recreation and culture	4 146	4 109	4 177	4 193	4 512	4 737
Education	29 099	29 424	30 421	30 952	32 020	33 629
Social protection	31 952	31 019	31 693	32 311	34 376	36 366
<b>Actual individual final consumption</b>	420 772	427 351	433 259	448 239	468 974	489 428
Food and non-alcoholic beverages	33 824	34 881	35 561	37 041	37 969	39 658
Alcoholic beverages, tobacco and narcotics	9 766	10 040	10 222	10 308	10 596	10 711
Clothing and footwear	15 877	16 512	16 560	17 235	17 249	17 785
Housing, water, electricity, gas and other fuels	74 703	77 333	78 791	80 553	84 387	88 727
Furnishings, household equipment and household maintenance	15 791	16 338	17 170	18 301	19 322	20 696
Health	58 950	59 409	58 497	61 163	64 399	67 921
Transport	35 901	36 435	36 620	38 291	41 629	43 435
Communication	9 443	9 290	8 905	8 767	8 361	8 424
Recreation and culture	36 054	36 540	37 082	38 481	40 065	41 709
Education	31 170	31 551	32 597	33 223	34 331	35 969
Restaurants and hotels	22 065	23 536	25 084	27 212	29 142	31 073
Social protection	36 676	35 805	36 279	36 825	39 147	41 358
Other	38 180	37 854	39 182	40 184	42 571	42 995
Final consumption by non-residents in the Netherlands (–)	11 198	12 067	13 108	14 267	15 057	16 517
Final consumption by residents in the rest of the world	13 570	13 894	13 817	14 922	14 863	15 484
<b>Collective final consumption of general government</b>	55 937	55 819	57 624	58 513	61 197	63 876
<b>Final consumption expenditure</b>	476 709	483 170	490 883	506 752	530 171	553 304

## B 2.2 Final consumption expenditure by purpose, volume changes

	2014	2015	2016	2017	2018	2019*
	%					
<b>Final consumption expenditure of households including NPIs serving households, national</b>	0.4	2.0	1.1	2.1	2.2	1.5
Food and non-alcoholic beverages	0.7	2.3	1.2	1.6	1.3	0.1
Bread and cereals	-0.2	0.6	0.5	3.0	1.5	-0.1
Meat and meat products	-0.6	3.1	2.4	0.3	0.8	-2.2
Fish	2.1	3.3	-3.8	-1.8	3.8	1.4
Dairy products, oils and fats	0.0	2.5	1.8	0.6	1.9	0.8
Potatoes, vegetables and fruits	2.1	3.0	2.2	3.2	1.0	0.9
Sugar, sweets and ice-cream	1.8	4.2	1.0	3.1	0.7	0.2
Other food n.e.c.	4.3	3.5	1.9	4.1	3.1	1.2
Coffee, tea and cocoa	2.2	3.1	1.9	1.4	4.3	4.8
Mineral waters, soft drinks, fruit and vegetable juices	-2.2	-2.1	-2.5	-6.2	-2.8	-0.5
Alcoholic beverages, tobacco and narcotics	0.5	2.2	-0.4	0.5	-0.4	1.4
Clothing and footwear	3.9	4.9	-0.4	3.8	0.0	2.3
Clothing	4.5	5.2	-0.1	3.5	0.4	2.5
Footwear	0.8	3.6	-1.6	5.3	-1.8	1.5
Housing, water, electricity, gas and other fuels	-1.1	1.4	0.9	0.7	1.8	1.3
Actual rentals for housing	1.0	1.3	0.2	1.2	1.3	1.2
Imputed rents owner-occupied dwellings	1.4	1.1	1.0	1.0	2.1	1.9
Maintenance and repair of the dwelling	-3.8	-1.6	-0.9	5.3	3.7	6.7
Water supply and miscellaneous services	-1.0	0.7	0.4	0.6	2.8	0.2
Electricity, gas and other fuels	-11.2	2.9	2.2	-2.2	0.7	-1.1
Furnishings, household equipment and household maintenance	1.6	3.7	4.2	6.0	4.7	5.1
Health	1.8	1.0	3.1	0.8	1.0	0.7
Transport	0.3	2.8	1.5	2.0	6.4	1.1
Purchase of vehicles	2.8	4.6	-3.1	-1.5	14.3	-1.4
Operation of personal transport equipment	-1.0	2.3	3.4	3.6	3.7	1.8
Transport services	1.0	2.1	2.6	2.2	3.9	2.8
Communication	4.0	4.0	0.0	4.7	-0.3	4.4
Recreation and culture	-0.4	1.2	0.9	3.1	2.9	2.1
Education	-1.9	1.9	1.4	2.8	0.1	1.3
Restaurants and hotels	3.3	4.1	5.0	5.1	4.1	2.2
Social protection	-2.9	1.6	-5.3	-2.1	3.1	3.0
Other	-0.0	0.6	1.2	1.9	1.3	1.5
Final consumption by non-residents in the Netherlands (-)	6.2	6.4	6.6	7.3	3.1	6.5
Final consumption by residents in the rest of the world	2.6	2.1	0.1	4.8	-3.0	1.8
<b>Individual final consumption of general government</b>	0.4	0.4	1.0	1.2	2.0	1.4
Housing, water, electricity, gas and other fuels	0.3	0.5	6.9	1.0	0.2	3.6
Health	1.4	0.7	-3.6	4.7	3.3	2.3
Recreation and culture	-4.1	1.5	11.9	-5.1	1.0	1.1
Education	0.2	0.4	0.6	-0.4	-0.8	0.5
Social protection	-0.4	-0.1	6.6	-1.5	2.8	0.6
<b>Actual individual final consumption</b>	0.4	1.5	1.1	1.9	2.1	1.5
Food and non-alcoholic beverages	0.7	2.3	1.2	1.6	1.3	0.1
Alcoholic beverages, tobacco and narcotics	0.5	2.2	-0.4	0.5	-0.4	1.4
Clothing and footwear	3.9	4.9	-0.4	3.8	0.0	2.3
Housing, water, electricity, gas and other fuels	-1.0	1.3	1.1	0.7	1.7	1.4
Furnishings, household equipment and household maintenance	1.6	3.7	4.2	6.0	4.7	5.1
Health	1.5	0.7	-2.4	4.0	2.9	2.0
Transport	0.3	2.8	1.5	2.0	6.4	1.1
Communication	4.0	4.0	0.0	4.7	-0.3	4.4
Recreation and culture	-0.8	1.2	2.2	2.2	2.7	2.0
Education	0.0	0.5	0.6	-0.2	-0.7	0.6
Restaurants and hotels	3.3	4.1	5.0	5.1	4.1	2.2
Social protection	-0.7	0.1	5.0	-1.5	2.8	0.9
Other	-0.0	0.6	1.2	1.9	1.3	1.5
Final consumption by non-residents in the Netherlands (-)	6.2	6.4	6.6	7.3	3.1	6.5
Final consumption by residents in the rest of the world	2.6	2.1	0.1	4.8	-3.0	1.8
<b>Collective final consumption of general government</b>	0.9	-1.1	2.1	0.3	1.3	2.0
<b>Final consumption expenditure</b>	0.4	1.2	1.2	1.7	2.0	1.5

## B 2.3 Final consumption expenditure by purpose, price changes

	2014	2015	2016	2017	2018	2019*
	%					
<b>Final consumption expenditure of households including</b>						
<b>NPIs serving households, national</b>	0.9	0.2	0.6	1.4	2.2	2.3
Food and non-alcoholic beverages	0.1	0.8	0.7	2.6	1.2	4.3
Bread and cereals	-0.1	0.8	0.2	0.3	0.3	4.7
Meat and meat products	-0.8	-0.2	0.3	3.7	0.9	5.4
Fish	-0.3	2.6	2.4	8.0	2.0	3.0
Dairy products, oils and fats	3.6	-0.5	-0.6	5.9	3.7	4.3
Potatoes, vegetables and fruits	-0.7	2.4	2.8	2.2	1.5	4.6
Sugar, sweets and ice-cream	-0.2	0.3	-0.5	-0.4	-0.6	3.5
Other food n.e.c.	-0.4	-0.3	-0.4	0.8	0.1	3.7
Coffee, tea and cocoa	-2.8	6.6	-2.9	2.6	-2.1	0.6
Mineral waters, soft drinks, fruit and vegetable juices	1.3	0.5	4.6	3.0	2.5	2.5
Alcoholic beverages, tobacco and narcotics	0.6	0.6	2.3	0.4	3.2	-0.3
Clothing and footwear	-0.4	-0.9	0.7	0.3	0.1	0.8
Clothing	-0.4	-0.8	0.9	0.3	0.2	0.8
Footwear	-0.2	-1.5	-0.2	0.1	-0.8	0.7
Housing, water, electricity, gas and other fuels	2.7	1.9	0.8	1.5	3.1	3.7
Actual rentals for housing	2.7	2.0	2.1	1.8	2.0	2.4
Imputed rents owner-occupied dwellings	4.3	3.2	1.8	1.7	2.8	3.2
Maintenance and repair of the dwelling	-0.3	0.1	-0.3	-0.8	0.7	0.6
Water supply and miscellaneous services	3.5	0.0	-1.1	-1.0	-0.8	5.1
Electricity, gas and other fuels	-2.6	-2.5	-5.1	1.2	7.9	8.3
Furnishings, household equipment and household maintenance	-0.1	-0.2	0.8	0.5	0.9	1.9
Health	0.6	0.1	0.5	0.7	1.8	1.8
Transport	0.1	-1.3	-1.0	2.5	2.2	3.2
Purchase of vehicles	1.3	2.3	1.5	1.9	1.3	1.6
Operation of personal transport equipment	-0.7	-4.1	-2.3	2.8	3.1	3.5
Transport services	0.6	2.4	-0.6	2.2	0.9	4.4
Communication	-4.5	-5.4	-4.1	-6.0	-4.4	-3.5
Recreation and culture	-0.2	0.5	0.5	1.0	0.8	1.9
Education	2.9	0.8	0.9	1.5	1.7	-0.1
Restaurants and hotels	2.0	2.5	1.5	3.3	2.8	4.4
Social protection	0.7	-0.3	1.2	0.5	2.6	1.6
Other	1.8	-1.5	2.3	0.7	4.6	-0.5
Final consumption by non-residents in the Netherlands (-)	1.2	1.3	1.9	1.4	2.3	3.0
Final consumption by residents in the rest of the world	0.7	0.3	-0.7	3.0	2.7	2.4
<b>Individual final consumption of general government</b>	0.7	-0.4	-0.4	1.9	3.3	4.3
Housing, water, electricity, gas and other fuels	15.4	10.1	0.3	1.8	1.8	2.4
Health	-0.1	0.0	1.0	0.6	2.4	3.8
Recreation and culture	2.6	-2.3	-9.2	5.8	6.5	3.8
Education	0.4	0.7	2.8	2.2	4.2	4.5
Social protection	0.8	-2.8	-4.2	3.5	3.5	5.2
<b>Actual individual final consumption</b>	0.8	0.0	0.3	1.5	2.5	2.9
Food and non-alcoholic beverages	0.1	0.8	0.7	2.6	1.2	4.3
Alcoholic beverages, tobacco and narcotics	0.6	0.6	2.3	0.4	3.2	-0.3
Clothing and footwear	-0.4	-0.9	0.7	0.3	0.1	0.8
Housing, water, electricity, gas and other fuels	3.2	2.2	0.7	1.5	3.0	3.7
Furnishings, household equipment and household maintenance	-0.1	-0.2	0.8	0.5	0.9	1.9
Health	0.1	0.0	0.9	0.6	2.3	3.4
Transport	0.1	-1.3	-1.0	2.5	2.2	3.2
Communication	-4.5	-5.4	-4.1	-6.0	-4.4	-3.5
Recreation and culture	0.1	0.1	-0.7	1.5	1.4	2.1
Education	0.6	0.7	2.7	2.1	4.1	4.2
Restaurants and hotels	2.0	2.5	1.5	3.3	2.8	4.4
Social protection	0.8	-2.5	-3.5	3.1	3.4	4.7
Other	1.8	-1.5	2.3	0.7	4.6	-0.5
Final consumption by non-residents in the Netherlands (-)	1.2	1.3	1.9	1.4	2.3	3.0
Final consumption by residents in the rest of the world	0.7	0.3	-0.7	3.0	2.7	2.4
<b>Collective final consumption of general government</b>	0.6	0.9	1.2	1.3	3.3	2.3
<b>Final consumption expenditure</b>	0.8	0.1	0.4	1.5	2.6	2.8

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Corporations and households including NPIs serving households</b>						
Dwellings	20 510	24 035	29 104	32 843	37 702	40 302
Buildings other than dwellings	13 291	13 611	14 201	15 332	17 020	19 322
Other structures	6 086	6 714	7 358	6 489	7 202	8 155
Transfer costs of ground	1 096	1 343	2 381	2 392	2 510	2 643
Transport equipment	9 547	13 687	14 202	16 441	15 661	17 768
Passenger cars	5 527	7 917	6 887	7 637	9 117	10 647
Other vehicles	2 393	2 804	3 294	3 404	3 859	3 943
Trains and trams	422	401	447	1 689	498	628
Ships	752	1 098	1 061	1 805	987	986
Aircraft	453	1 467	2 513	1 906	1 200	1 564
Computers and peripheral equipment	3 177	3 926	5 633	3 079	3 154	3 212
Telecommunication equipment	860	892	831	765	826	829
Machinery and installations	15 806	16 108	15 550	16 436	17 856	18 783
Other material assets	4 222	4 411	4 240	4 827	5 533	5 773
Cultivated biological resources	333	355	341	89	49	142
Research and development	8 304	31 245	7 282	7 717	8 375	8 658
Computer software and databases	14 222	21 176	17 121	17 784	18 577	19 654
Other intellectual property products	1 210	705	664	646	630	626
<b>Fixed capital formation from production and imports</b>	98 664	138 208	118 908	124 840	135 095	145 867
Sales of existing fixed assets (–)	4 056	10 255	1 929	1 582	3 461	3 059
<b>Fixed capital formation (gross) of corporations and households including NPIs serving households</b>	94 608	127 953	116 979	123 258	131 634	142 808
<b>General government</b>						
Dwellings	110	92	92	99	100	98
Buildings other than dwellings	3 747	3 664	3 795	3 917	3 965	3 725
Other structures	10 257	10 868	10 090	10 339	10 612	10 620
Transfer costs of ground	101	67	61	64	71	60
Transport equipment	368	363	490	388	379	499
Passenger cars	116	130	155	154	184	226
Other vehicles	234	217	191	224	187	195
Trains and trams	0	0	100	9	7	4
Ships	10	8	36	1	1	0
Aircraft	8	8	8	0	0	74
Computers and peripheral equipment	891	914	883	1 063	1 044	1 048
Telecommunication equipment	323	236	231	213	231	240
Machinery and installations	953	1 190	1 348	1 684	1 579	2 060
Other material assets	1 281	1 271	1 146	1 040	1 184	1 168
Cultivated biological resources	0	0	0	0	0	0
Research and development	3 427	3 647	3 745	3 845	4 230	4 300
Computer software and databases	3 410	3 517	3 783	3 940	4 144	4 450
Other intellectual property products	0	0	0	0	0	1
<b>Fixed capital formation from production and imports</b>	24 868	25 829	25 664	26 592	27 539	28 269
Sales of existing fixed assets (–)	1 338	1 249	968	1 180	1 080	978
<b>Fixed capital formation (gross) of general government</b>	23 530	24 580	24 696	25 412	26 459	27 291
<b>Fixed capital formation (gross)</b>						
Dwellings	20 620	24 127	29 196	32 942	37 802	40 400
Buildings other than dwellings	17 038	17 275	17 996	19 249	20 985	23 047
Other structures	16 343	17 582	17 448	16 828	17 814	18 775
Transfer costs of ground	1 197	1 410	2 442	2 456	2 581	2 703
Transport equipment	9 915	14 050	14 692	16 829	16 040	18 267
Passenger cars	5 643	8 047	7 042	7 791	9 301	10 873
Other vehicles	2 627	3 021	3 485	3 628	4 046	4 138
Trains and trams	422	401	547	1 698	505	632
Ships	762	1 106	1 097	1 806	988	986
Aircraft	461	1 475	2 521	1 906	1 200	1 638
Computers and peripheral equipment	4 068	4 840	6 516	4 142	4 198	4 260
Telecommunication equipment	1 183	1 128	1 062	978	1 057	1 069
Machinery and installations	16 759	17 298	16 898	18 120	19 435	20 843
Other material assets	5 503	5 682	5 386	5 867	6 717	6 941
Cultivated biological resources	333	355	341	89	49	142
Research and development	11 731	34 892	11 027	11 562	12 605	12 958
Computer software and databases	17 632	24 693	20 904	21 724	22 721	24 104
Other intellectual property products	1 210	705	664	646	630	627
<b>Fixed capital formation from production and imports</b>	123 532	164 037	144 572	151 432	162 634	174 136
Sales of existing fixed assets (–)	5 394	11 504	2 897	2 762	4 541	4 037
<b>Fixed capital formation (gross)</b>	118 138	152 533	141 675	148 670	158 093	170 099

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Corporations and households including NPIs serving households</b>						
Dwellings	6.2	20.2	21.8	12.4	9.4	1.6
Buildings other than dwellings	-0.9	4.6	5.4	7.9	9.5	10.6
Other structures	2.4	11.3	9.9	-14.3	7.0	10.3
Transfer costs of ground	24.2	14.4	37.5	-3.3	3.4	3.8
Transport equipment	-5.8	39.3	2.3	14.8	-6.2	10.5
Passenger cars	-2.8	41.5	-14.7	9.2	15.6	14.2
Other vehicles	2.1	17.1	16.5	3.2	13.7	1.0
Trains and trams	-14.6	-5.5	8.0	274.3	-70.6	21.1
Ships	-26.6	44.3	-2.6	74.3	-44.3	-2.5
Aircraft	-24.2	163.6	68.5	-26.1	-35.7	19.6
Computers and peripheral equipment	-1.0	26.6	48.0	-45.1	2.1	5.5
Telecommunication equipment	9.4	14.4	-3.9	-4.2	9.8	1.3
Machinery and installations	9.7	-1.9	-4.2	5.3	7.4	2.8
Other material assets	-0.8	2.0	-4.5	12.9	13.2	2.1
Cultivated biological resources	4.7	2.1	2.5	-60.1	-82.0	249.0
Research and development	-24.3	274.7	-77.1	4.4	6.1	1.4
Computer software and databases	-7.4	47.2	-18.6	3.6	1.6	3.5
Other intellectual property products	1.4	-42.6	-6.8	-2.9	-4.3	-1.6
<b>Fixed capital formation from production and imports</b>	-1.5	39.7	-14.2	4.4	5.4	4.8
Sales of existing fixed assets (-)	18.1	148.2	-81.4	-19.6	117.3	-15.2
<b>Fixed capital formation (gross) of corporations and households including NPIs serving households</b>	-2.1	35.0	-8.8	4.8	3.9	5.4
<b>General government</b>						
Dwellings	-12.3	-14.5	2.2	6.5	-3.0	-7.0
Buildings other than dwellings	-3.0	-0.3	4.5	3.2	-0.2	-8.7
Other structures	-6.4	7.2	-6.8	-0.0	-0.5	-2.5
Transfer costs of ground	-18.3	-37.6	-14.9	0.0	9.4	-16.9
Transport equipment	-7.3	-2.2	33.3	-21.2	-4.1	28.8
Passenger cars	-12.8	12.1	19.2	-1.9	14.9	20.7
Other vehicles	-3.7	-8.1	-12.4	17.3	-16.5	3.7
Trains and trams	.	.	.	.	.	.
Ships	0.0	-20.0	350.0	.	.	.
Aircraft	-33.3	-12.5	0.0	.	.	.
Computers and peripheral equipment	-1.2	4.8	-0.4	20.8	-1.8	3.8
Telecommunication equipment	11.1	-19.5	0.8	-2.6	11.3	4.3
Machinery and installations	-34.7	19.2	12.5	23.4	-5.3	24.8
Other material assets	3.4	-2.3	-10.3	-9.2	12.9	-3.3
Cultivated biological resources	.	.	.	.	.	.
Research and development	2.5	4.8	1.1	0.9	7.6	-0.4
Computer software and databases	4.8	1.7	8.1	3.9	2.5	5.0
Other intellectual property products	.	.	.	.	.	.
<b>Fixed capital formation from production and imports</b>	-4.2	4.1	-0.5	2.3	1.4	0.3
Sales of existing fixed assets (-)	-14.6	-7.2	-22.9	20.9	-9.7	-11.7
<b>Fixed capital formation (gross) of general government</b>	-3.5	4.8	0.7	1.6	1.9	0.8
<b>Fixed capital formation (gross)</b>						
Dwellings	6.1	20.1	21.7	12.3	9.3	1.6
Buildings other than dwellings	-1.4	3.5	5.2	6.9	7.5	6.9
Other structures	-3.3	8.7	-0.4	-6.1	2.4	2.7
Transfer costs of ground	19.1	10.0	35.0	-3.2	3.5	3.2
Transport equipment	-5.9	37.8	3.1	13.6	-6.1	11.0
Passenger cars	-3.0	40.9	-14.1	8.9	15.6	14.3
Other vehicles	1.6	14.8	14.5	4.0	11.9	1.1
Trains and trams	-14.6	-5.5	31.7	207.5	-70.4	20.2
Ships	-26.3	43.4	0.0	68.6	-44.2	-2.6
Aircraft	-24.3	160.5	68.1	-26.3	-35.7	25.3
Computers and peripheral equipment	-1.0	21.8	38.9	-36.2	1.1	5.1
Telecommunication equipment	9.8	5.2	-2.9	-3.9	10.1	2.0
Machinery and installations	5.7	-0.7	-3.0	6.7	6.2	4.5
Other material assets	0.2	1.0	-5.8	8.2	13.1	1.1
Cultivated biological resources	4.7	2.1	2.5	-60.1	-82.0	249.0
Research and development	-18.0	195.8	-68.9	3.2	6.6	0.8
Computer software and databases	-5.2	38.4	-14.8	3.7	1.8	3.7
Other intellectual property products	1.4	-42.6	-6.8	-2.9	-4.3	-1.4
<b>Fixed capital formation from production and imports</b>	-2.0	32.5	-12.0	4.0	4.7	4.1
Sales of existing fixed assets (-)	7.7	109.7	-75.0	-6.1	63.0	-14.4
<b>Fixed capital formation (gross)</b>	-2.4	29.0	-7.3	4.2	3.6	4.6

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Corporations and households including NPIs serving households</b>						
Dwellings	-2.6	-2.5	-0.6	0.4	5.0	5.2
Buildings other than dwellings	0.4	-2.1	-1.0	0.1	1.4	2.7
Other structures	0.4	-0.8	-0.3	2.9	3.7	2.6
Transfer costs of ground	4.6	7.1	28.9	3.9	1.5	1.5
Transport equipment	0.5	2.9	1.4	0.9	1.5	2.6
Passenger cars	0.5	1.2	1.9	1.6	3.3	2.2
Other vehicles	-0.6	0.1	0.8	0.1	-0.3	1.2
Trains and trams	2.7	0.5	3.2	1.0	0.4	4.1
Ships	2.6	1.2	-0.8	-2.4	-1.9	2.5
Aircraft	1.1	22.9	1.7	2.6	-2.1	9.0
Computers and peripheral equipment	-0.4	-2.4	-3.1	-0.4	0.3	-3.5
Telecommunication equipment	-5.2	-9.3	-3.0	-3.9	-1.7	-1.0
Machinery and installations	0.7	3.8	0.7	0.4	1.2	2.4
Other material assets	1.8	2.4	0.7	0.8	1.3	2.2
Cultivated biological resources	0.6	4.4	-6.3	-34.6	206.3	-17.0
Research and development	0.8	0.4	1.6	1.6	2.3	1.9
Computer software and databases	-0.0	1.1	-0.6	0.2	2.8	2.3
Other intellectual property products	1.7	1.6	1.1	0.2	1.9	1.0
<b>Fixed capital formation from production and imports</b>	-0.2	0.3	0.3	0.6	2.7	3.0
Sales of existing fixed assets (-)	1.8	1.8	1.1	2.0	0.7	4.3
<b>Fixed capital formation (gross) of corporations and households including NPIs serving households</b>	-0.3	0.2	0.3	0.6	2.8	3.0
<b>General government</b>						
Dwellings	-3.5	-2.1	-2.1	1.0	4.2	5.4
Buildings other than dwellings	0.1	-1.9	-0.9	0.1	1.4	2.8
Other structures	0.1	-1.2	-0.4	2.5	3.1	2.7
Transfer costs of ground	7.4	6.3	7.0	4.9	1.4	1.7
Transport equipment	0.5	0.8	1.2	0.5	1.9	2.3
Passenger cars	0.0	0.0	0.0	1.3	4.0	1.8
Other vehicles	0.0	0.9	0.5	0.0	0.0	0.5
Trains and trams	.	.	.	.	.	.
Ships	0.0	0.0	0.0	.	.	.
Aircraft	33.3	14.3	0.0	.	.	.
Computers and peripheral equipment	-0.1	-2.1	-3.0	-0.4	0.0	-3.3
Telecommunication equipment	-2.4	-9.2	-2.9	-5.3	-2.5	-0.4
Machinery and installations	1.6	4.8	0.7	1.2	-0.9	4.6
Other material assets	0.8	1.5	0.5	0.0	0.9	2.0
Cultivated biological resources	.	.	.	.	.	.
Research and development	0.9	1.5	1.5	1.7	2.2	2.0
Computer software and databases	0.0	1.4	-0.5	0.3	2.6	2.3
Other intellectual property products	.	.	.	.	.	.
<b>Fixed capital formation from production and imports</b>	0.2	-0.2	-0.2	1.3	2.1	2.4
Sales of existing fixed assets (-)	-0.2	0.6	0.5	0.9	1.4	2.5
<b>Fixed capital formation (gross) of general government</b>	0.3	-0.3	-0.2	1.3	2.2	2.4
<b>Fixed capital formation (gross)</b>						
Dwellings	-2.6	-2.5	-0.6	0.4	5.0	5.2
Buildings other than dwellings	0.3	-2.1	-1.0	0.1	1.4	2.7
Other structures	0.2	-1.1	-0.3	2.7	3.4	2.6
Transfer costs of ground	4.8	7.1	28.3	3.9	1.5	1.5
Transport equipment	0.5	2.9	1.4	0.9	1.5	2.6
Passenger cars	0.5	1.2	1.9	1.6	3.3	2.2
Other vehicles	-0.6	0.1	0.8	0.1	-0.3	1.1
Trains and trams	2.7	0.5	3.6	1.0	0.4	4.1
Ships	2.6	1.2	-0.8	-2.4	-1.9	2.5
Aircraft	1.5	22.8	1.7	2.6	-2.1	9.0
Computers and peripheral equipment	-0.3	-2.3	-3.1	-0.4	0.2	-3.5
Telecommunication equipment	-4.4	-9.3	-3.0	-4.2	-1.9	-0.8
Machinery and installations	0.8	3.9	0.7	0.5	1.0	2.6
Other material assets	1.6	2.2	0.7	0.7	1.2	2.2
Cultivated biological resources	0.6	4.4	-6.3	-34.6	206.3	-17.0
Research and development	0.8	0.5	1.6	1.6	2.3	2.0
Computer software and databases	-0.0	1.2	-0.6	0.2	2.8	2.3
Other intellectual property products	1.7	1.6	1.1	0.2	1.9	1.0
<b>Fixed capital formation from production and imports</b>	-0.1	0.2	0.2	0.7	2.6	2.9
Sales of existing fixed assets (-)	1.3	1.7	0.9	1.5	0.8	3.8
<b>Fixed capital formation (gross)</b>	-0.2	0.1	0.2	0.7	2.7	2.9

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	5 164	4 777	4 374	4 552	4 975	5 476
Mining and quarrying	3 220	2 628	2 185	1 787	1 125	1 172
Manufacturing	13 333	13 902	15 560	16 044	17 781	18 952
Manufacture of food, beverages and tobacco	2 542	2 417	2 454	2 541	2 895	.
Manufacture of textile-, leatherproducts	110	113	107	126	142	.
Manufacture of paper-, wood products, printing	429	415	625	653	551	.
Manufacture of coke and petroleum	858	655	778	734	1 068	.
Manufacture of chemicals	2 154	2 441	2 878	3 035	3 261	.
Manufacture of pharmaceuticals	346	337	447	405	749	.
Manufacture of plastic and building material	620	560	628	717	768	.
Manufacture of basic metals and -products	971	1 023	1 121	1 270	1 375	.
Manufacture of electronic products	913	1 407	1 601	1 621	1 591	.
Manufacture of electrical equipment	856	817	934	994	962	.
Manufacture of machinery n.e.c.	2 017	2 371	2 598	2 217	2 664	.
Manufacture of transport equipment	613	529	480	670	564	.
Other manufacturing and repair	904	817	909	1 061	1 191	.
Electricity and gas supply	6 294	5 605	5 428	4 554	5 950	6 601
Water supply and waste management	1 243	1 283	1 437	1 396	1 648	1 736
Construction	2 441	2 713	3 007	3 432	4 001	4 230
Construction buildings, development	642	787	1 081	1 227	1 338	.
Civil engineering	739	644	715	547	925	.
Specialised construction activities	1 060	1 282	1 211	1 658	1 738	.
Trade, transport, hotels, catering	16 011	18 549	19 399	21 485	19 740	21 155
Sale and repair of motor vehicles	1 176	1 144	1 332	1 406	1 425	.
Wholesale trade (no motor vehicles)	4 479	4 715	4 649	5 097	5 314	.
Retail trade (not in motor vehicles)	2 343	2 512	2 578	2 886	2 960	.
Land transport	2 329	2 451	2 629	3 980	2 939	.
Water transport	522	602	763	779	528	.
Air transport	538	1 523	2 611	2 020	1 329	.
Warehousing and support activities for transportation	3 569	4 386	3 477	3 631	3 500	.
Postal and courier activities	247	309	282	299	414	.
Accommodation and food service activities	808	907	1 078	1 387	1 331	.
Information and communication	5 982	6 991	8 782	7 151	7 549	8 081
Publishing, audiovisual and broadcasting activities	573	648	681	631	645	.
Telecommunications	3 253	3 226	3 046	3 201	3 069	.
IT- and information services	2 156	3 117	5 055	3 319	3 835	.
Financial and insurance activities	4 293	4 911	5 288	6 547	6 842	6 430
Financial activities, no insurance and pension funding	2 702	3 488	3 588	4 222	4 678	.
Insurance and pension funding	1 043	834	1 081	1 617	1 461	.
Other financial services	548	589	619	708	703	.
Real estate activities	25 929	29 437	35 716	38 891	43 723	48 101
Business services	10 331	42 098	11 958	13 290	15 722	17 354
Management, technical consultancy	2 900	3 056	3 197	3 375	3 895	.
Research and development	586	649	609	746	792	.
Advertising, design and other services	459	508	518	588	628	.
Renting and leasing of tangible goods	5 199	36 611	6 091	6 872	8 546	.
Employment activities	345	357	441	477	507	.
Travel agencies, tour operators etc.	187	285	330	363	460	.
Other business services	655	632	772	869	894	.
Government and care	27 550	29 426	29 408	30 169	31 442	32 615
Public administration and defence; compulsory social security	16 066	16 866	16 939	17 809	18 726	.
Education	5 957	6 234	6 013	6 155	6 346	.
Human health activities	3 307	3 923	4 069	3 848	3 987	.
Social work activities	2 220	2 403	2 387	2 357	2 383	.
Culture, recreation, other services	1 741	1 717	2 030	2 134	2 136	2 233
Arts, entertainment and recreation	988	990	1 252	1 291	1 305	.
Other service activities	753	727	778	843	831	.
Households with domestic personnel	0	0	0	0	0	.
<b>Fixed capital formation from production and imports</b>	<b>123 532</b>	<b>164 037</b>	<b>144 572</b>	<b>151 432</b>	<b>162 634</b>	<b>174 136</b>
Sales of existing fixed assets (–)	5 394	11 504	2 897	2 762	4 541	4 037
<b>Fixed capital formation (gross)</b>	<b>118 138</b>	<b>152 533</b>	<b>141 675</b>	<b>148 670</b>	<b>158 093</b>	<b>170 099</b>

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Industries</b>						
Agriculture, forestry and fishing	5.0	− 9.3	− 8.6	4.5	7.2	8.1
Mining and quarrying	26.0	− 18.3	− 16.8	− 17.9	− 38.7	2.0
Manufacturing	5.2	2.8	11.4	2.4	8.7	4.3
Manufacture of food, beverages and tobacco	11.2	− 6.6	1.3	3.1	12.6	.
Manufacture of textile-, leatherproducts	16.0	1.8	− 3.5	17.8	11.9	.
Manufacture of paper-, wood products, printing	− 3.6	− 4.0	50.1	4.6	− 17.6	.
Manufacture of coke and petroleum	45.2	− 24.4	18.6	− 5.9	43.1	.
Manufacture of chemicals	− 6.7	11.4	17.4	4.2	4.7	.
Manufacture of pharmaceuticals	17.2	− 5.5	31.5	− 9.8	82.5	.
Manufacture of plastic and building material	− 3.1	− 9.4	12.1	14.5	5.9	.
Manufacture of basic metals and -products	8.0	4.0	9.3	12.8	5.9	.
Manufacture of electronic products	22.7	51.5	12.2	0.2	− 4.1	.
Manufacture of electrical equipment	6.1	− 6.4	13.7	5.7	− 5.4	.
Manufacture of machinery n.e.c.	0.9	15.8	8.6	− 15.5	17.5	.
Manufacture of transport equipment	− 8.7	− 15.0	− 9.6	39.4	− 17.5	.
Other manufacturing and repair	0.8	− 10.0	11.3	16.1	10.5	.
Electricity and gas supply	12.3	− 14.4	− 2.9	− 17.8	27.5	8.1
Water supply and waste management	16.4	2.6	11.7	− 3.8	16.0	3.2
Construction	− 1.1	10.7	11.0	14.5	15.0	3.0
Construction buildings, development	9.1	24.0	38.2	13.8	6.3	.
Civil engineering	− 6.2	− 14.1	11.8	− 23.2	68.9	.
Specialised construction activities	− 2.9	19.9	− 6.2	37.3	3.7	.
Trade, transport, hotels, catering	− 3.5	13.5	4.4	10.0	− 9.4	4.4
Sale and repair of motor vehicles	4.7	− 3.7	16.3	5.0	− 0.4	.
Wholesale trade (no motor vehicles)	− 0.4	4.1	− 1.4	9.2	2.3	.
Retail trade (not in motor vehicles)	− 0.2	6.7	3.0	11.6	0.8	.
Land transport	− 2.4	4.8	6.0	50.6	− 26.5	.
Water transport	− 34.8	13.4	28.6	4.1	− 31.6	.
Air transport	− 18.4	133.5	68.7	− 24.6	− 33.2	.
Warehousing and support activities for transportation	− 3.0	22.9	− 20.6	2.9	− 5.8	.
Postal and courier activities	− 11.7	23.5	− 8.7	6.0	36.5	.
Accommodation and food service activities	− 1.8	10.5	19.3	27.9	− 5.7	.
Information and communication	7.4	17.7	27.5	− 19.2	3.5	5.5
Publishing, audiovisual and broadcasting activities	0.0	12.2	5.7	− 7.3	1.0	.
Telecommunications	13.4	0.6	− 5.0	3.5	− 6.7	.
IT- and information services	1.2	44.9	65.7	− 34.5	13.8	.
Financial and insurance activities	− 0.8	14.1	8.2	23.0	1.9	− 7.9
Financial activities, no insurance and pension funding	− 7.6	28.7	3.3	16.7	7.9	.
Insurance and pension funding	17.8	− 20.6	30.3	48.9	− 12.1	.
Other financial services	5.6	7.8	6.1	14.2	− 2.0	.
Real estate activities	7.5	16.0	20.3	8.3	7.8	5.1
Business services	− 31.3	305.9	− 71.9	10.1	15.4	8.2
Management, technical consultancy	− 8.3	4.7	4.8	5.0	13.1	.
Research and development	2.5	9.2	− 5.9	21.5	4.3	.
Advertising, design and other services	− 7.2	10.5	3.3	12.4	5.1	.
Renting and leasing of tangible goods	− 45.8	601.9	− 83.7	11.3	20.9	.
Employment activities	1.5	2.3	24.6	7.7	4.0	.
Travel agencies, tour operators etc.	13.3	51.3	17.2	9.4	23.7	.
Other business services	− 9.3	− 4.0	21.2	12.3	0.3	.
Government and care	− 6.5	7.0	0.2	1.6	2.2	1.4
Public administration and defence; compulsory social security	− 8.1	5.5	0.8	3.6	2.9	.
Education	6.2	4.2	− 3.9	1.6	1.3	.
Human health activities	− 11.9	18.2	4.1	− 5.5	1.9	.
Social work activities	− 15.7	9.3	0.5	− 1.1	− 0.4	.
Culture, recreation, other services	3.8	− 2.1	18.4	5.0	− 1.9	3.3
Arts, entertainment and recreation	7.5	− 0.1	27.0	3.3	0.0	.
Other service activities	− 0.7	− 4.8	6.7	7.7	− 4.9	.
Households with domestic personnel	.	.	.	.	.	.
<b>Fixed capital formation from production and imports</b>	− 2.0	32.5	− 12.0	4.0	4.7	4.1
Sales of existing fixed assets (−)	7.7	109.7	− 75.0	− 6.1	63.0	− 14.4
<b>Fixed capital formation (gross)</b>	− 2.4	29.0	− 7.3	4.2	3.6	4.6



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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Industries</b>						
Agriculture, forestry and fishing	1.4	2.0	0.2	-0.5	1.9	1.8
Mining and quarrying	1.2	-0.2	-0.1	-0.4	2.7	2.2
Manufacturing	0.5	1.5	0.5	0.7	2.0	2.2
Manufacture of food, beverages and tobacco	0.4	1.8	0.2	0.4	1.2	.
Manufacture of textile-, leatherproducts	0.9	0.9	-1.8	0.0	0.7	.
Manufacture of paper-, wood products, printing	0.0	0.7	0.3	-0.2	2.4	.
Manufacture of coke and petroleum	0.8	0.9	0.1	0.3	1.7	.
Manufacture of chemicals	0.7	1.7	0.5	1.2	2.6	.
Manufacture of pharmaceuticals	-0.6	3.1	0.9	0.5	1.4	.
Manufacture of plastic and building material	-0.2	-0.4	0.0	-0.3	1.2	.
Manufacture of basic metals and -products	0.8	1.3	0.3	0.5	2.2	.
Manufacture of electronic products	0.1	1.7	1.4	1.1	2.4	.
Manufacture of electrical equipment	0.6	2.0	0.5	0.7	2.3	.
Manufacture of machinery n.e.c.	0.6	1.5	0.9	1.0	2.3	.
Manufacture of transport equipment	0.8	1.5	0.4	0.1	2.0	.
Other manufacturing and repair	0.4	0.4	0.0	0.6	1.6	.
Electricity and gas supply	0.4	4.0	-0.3	2.1	2.4	2.6
Water supply and waste management	0.1	0.6	0.3	0.9	1.8	2.1
Construction	0.3	0.4	-0.1	-0.3	1.4	2.6
Construction buildings, development	-0.9	-1.1	-0.6	-0.2	2.6	.
Civil engineering	1.1	1.4	-0.7	-0.4	0.1	.
Specialised construction activities	0.6	0.9	0.7	-0.3	1.1	.
Trade, transport, hotels, catering	0.4	2.1	0.2	0.7	1.4	2.6
Sale and repair of motor vehicles	-0.1	1.0	0.1	0.5	1.7	.
Wholesale trade (no motor vehicles)	0.4	1.1	-0.0	0.4	1.9	.
Retail trade (not in motor vehicles)	0.3	0.5	-0.4	0.3	1.7	.
Land transport	0.3	0.4	1.2	0.5	0.4	.
Water transport	2.2	1.7	-1.4	-1.9	-0.9	.
Air transport	0.9	21.3	1.6	2.6	-1.6	.
Warehousing and support activities for transportation	0.4	0.0	-0.2	1.5	2.3	.
Postal and courier activities	-1.2	1.3	0.0	0.0	1.5	.
Accommodation and food service activities	0.6	1.6	-0.4	0.6	1.8	.
Information and communication	-0.2	-0.7	-1.5	0.8	2.0	1.4
Publishing, audiovisual and broadcasting activities	-0.2	0.8	-0.6	0.0	1.3	.
Telecommunications	-0.7	-1.4	-0.6	1.6	2.7	.
IT- and information services	0.6	-0.2	-2.1	0.2	1.6	.
Financial and insurance activities	0.2	0.3	-0.5	0.7	2.6	2.1
Financial activities, no insurance and pension funding	0.1	0.3	-0.4	0.9	2.7	.
Insurance and pension funding	0.3	0.7	-0.6	0.4	2.7	.
Other financial services	0.0	-0.3	-1.0	0.1	1.3	.
Real estate activities	-1.8	-2.1	0.8	0.6	4.3	4.7
Business services	0.3	0.4	1.0	1.0	2.5	2.0
Management, technical consultancy	-0.1	0.7	-0.2	0.5	2.1	.
Research and development	0.9	1.4	-0.3	0.8	1.8	.
Advertising, design and other services	-0.4	0.2	-1.3	1.0	1.6	.
Renting and leasing of tangible goods	0.5	0.3	2.3	1.4	2.9	.
Employment activities	-0.3	1.1	-0.9	0.4	2.2	.
Travel agencies, tour operators etc.	-0.5	0.7	-1.2	0.6	2.4	.
Other business services	0.6	0.5	0.8	0.2	2.5	.
Government and care	0.2	-0.2	-0.3	1.0	2.0	2.3
Public administration and defence; compulsory social security	0.1	-0.5	-0.4	1.5	2.2	.
Education	0.6	0.5	0.4	0.7	1.7	.
Human health activities	0.3	0.4	-0.4	0.1	1.7	.
Social work activities	0.1	-1.0	-1.1	-0.1	1.5	.
Culture, recreation, other services	0.8	0.8	-0.1	0.1	2.1	1.2
Arts, entertainment and recreation	0.9	0.3	-0.4	-0.2	1.1	.
Other service activities	0.7	1.4	0.3	0.6	3.6	.
Households with domestic personnel	.	.	.	.	.	.
<b>Fixed capital formation from production and imports</b>	-0.1	0.2	0.2	0.7	2.6	2.9
Sales of existing fixed assets (-)	1.3	1.7	0.9	1.5	0.8	3.8
<b>Fixed capital formation (gross)</b>	-0.2	0.1	0.2	0.7	2.7	2.9

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Exports of goods</b>						
Agriculture, forestry and fishing	.	11 621	11 931	12 225	11 777	12 237
Mining and quarrying	.	7 415	5 566	5 430	5 560	4 017
Manufacturing	.	168 057	167 619	183 337	194 247	187 506
Manufacture of food, beverages and tobacco	.	35 599	38 757	40 438	40 635	42 104
Manufacture of textile-, leatherproducts	.	1 778	1 963	1 988	2 112	2 143
Manufacture of paper-, wood products, printing	.	4 320	4 493	4 898	5 053	5 357
Manufacture of coke and petroleum	.	17 202	14 057	16 360	20 858	20 872
Manufacture of chemicals	.	24 825	24 325	29 535	32 042	30 458
Manufacture of pharmaceuticals	.	3 926	4 044	3 770	3 673	4 402
Manufacture of plastic and building material	.	5 099	5 741	6 130	6 341	6 525
Manufacture of basic metals and -products	.	8 785	8 904	10 013	10 730	10 342
Manufacture of electronic products	.	34 165	30 938	30 557	27 708	18 001
Manufacture of electrical equipment	.	2 714	2 783	2 902	3 143	3 445
Manufacture of machinery n.e.c.	.	15 253	15 128	18 334	21 371	23 612
Manufacture of transport equipment	.	11 741	13 737	15 318	17 331	16 742
Other manufacturing and repair	.	2 650	2 749	3 094	3 250	3 503
Electricity and gas supply	.	1 618	714	655	729	870
Water supply and waste management	.	982	924	1 025	1 127	1 082
Construction	.	176	166	127	135	153
Trade, transport, hotels, catering	.	18 256	18 380	21 498	20 981	21 118
Information and communication	.	587	641	671	566	628
Financial and insurance activities	.	0	0	0	0	0
Real estate activities	.	0	0	0	0	0
Business service activities	.	585	607	548	596	495
Government and care	.	179	154	180	170	171
Culture, recreation and other service activities	.	45	47	61	63	68
Re-exports	.	167 521	170 829	188 856	200 333	213 731
Taxes less subsidies on products	.	1 339	1 352	1 417	1 400	1 541
Trade and transport margins	.	39 992	41 969	44 740	47 237	50 321
<b>Exports of goods</b>	409 005	418 373	420 899	460 770	484 921	493 938
<b>Exports of services</b>						
Agriculture, forestry and fishing	.	219	221	226	237	257
Mining and quarrying	.	4 837	3 539	2 405	2 259	1 945
Manufacturing	.	12 549	11 968	13 264	13 728	13 636
Electricity and gas supply	.	65	69	61	67	89
Water supply and waste management	.	366	468	437	452	461
Construction	.	3 226	2 954	3 953	3 835	4 281
Trade, transport, hotels, catering	.	42 018	41 455	43 508	45 286	47 458
Information and communication	.	15 633	18 712	23 654	28 359	31 492
Financial and insurance activities	.	12 205	10 126	9 262	10 818	9 580
Real estate activities	.	1 540	1 610	1 796	1 929	2 057
Business service activities	.	44 808	37 950	42 300	50 361	55 083
Government and care	.	1 530	1 650	1 609	1 626	1 592
Culture, recreation and other service activities	.	1 710	1 783	1 984	2 009	2 129
Re-exports	.	10 322	8 706	8 812	7 967	8 915
Taxes less subsidies on products	.	1 286	1 409	1 513	1 599	1 991
Trade and transport margins	.	1 970	2 160	2 257	2 344	2 575
Cif/fob-adjustment	.	-2 304	-2 302	-2 258	-2 358	-2 326
<b>Exports of services</b>	132 124	151 980	142 478	154 783	170 518	181 215
<b>Exports of goods and services</b>	541 129	570 353	563 377	615 553	655 439	675 153

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Exports of goods</b>						
Agriculture, forestry and fishing	.	11 621	11 931	12 225	11 773	12 233
Mining and quarrying	.	7 415	5 566	5 430	5 512	3 973
Manufacturing	.	168 057	167 619	183 337	194 247	187 506
Manufacture of food, beverages and tobacco	.	35 599	38 757	40 438	40 635	42 104
Manufacture of textile-, leatherproducts	.	1 778	1 963	1 988	2 112	2 143
Manufacture of paper-, wood products, printing	.	4 320	4 493	4 898	5 053	5 357
Manufacture of coke and petroleum	.	17 202	14 057	16 360	20 858	20 872
Manufacture of chemicals	.	24 825	24 325	29 535	32 042	30 458
Manufacture of pharmaceuticals	.	3 926	4 044	3 770	3 673	4 402
Manufacture of plastic and building material	.	5 099	5 741	6 130	6 341	6 525
Manufacture of basic metals and -products	.	8 785	8 904	10 013	10 730	10 342
Manufacture of electronic products	.	34 165	30 938	30 557	27 708	18 001
Manufacture of electrical equipment	.	2 714	2 783	2 902	3 143	3 445
Manufacture of machinery n.e.c.	.	15 253	15 128	18 334	21 371	23 612
Manufacture of transport equipment	.	11 741	13 737	15 318	17 331	16 742
Other manufacturing and repair	.	2 650	2 749	3 094	3 250	3 503
Electricity and gas supply	.	1 618	714	655	625	755
Water supply and waste management	.	982	924	1 025	1 123	1 078
Construction	.	176	166	127	135	153
Trade, transport, hotels, catering	.	18 256	18 380	21 498	20 981	21 118
Information and communication	.	587	641	671	566	628
Financial and insurance activities	.	0	0	0	0	0
Real estate activities	.	0	0	0	0	0
Business service activities	.	585	607	548	596	495
Government and care	.	179	154	180	170	171
Culture, recreation and other service activities	.	45	47	61	63	68
Re-exports	.	167 521	170 829	188 856	200 306	213 705
Taxes less subsidies on products	.	1 339	1 352	1 417	1 500	1 658
Trade and transport margins	.	39 992	41 969	44 740	47 324	50 397
<b>Exports of goods</b>	409 005	418 373	420 899	460 770	484 921	493 938
<b>Exports of services</b>						
Agriculture, forestry and fishing	.	219	221	226	237	255
Mining and quarrying	.	4 837	3 539	2 405	2 258	1 943
Manufacturing	.	12 549	11 968	13 264	13 730	13 635
Electricity and gas supply	.	65	69	61	71	93
Water supply and waste management	.	366	468	437	452	462
Construction	.	3 226	2 954	3 953	3 835	4 281
Trade, transport, hotels, catering	.	42 018	41 455	43 508	45 284	47 448
Information and communication	.	15 633	18 712	23 654	28 361	31 492
Financial and insurance activities	.	12 205	10 126	9 262	10 818	9 580
Real estate activities	.	1 540	1 610	1 796	1 927	2 057
Business service activities	.	44 808	37 950	42 300	50 368	55 087
Government and care	.	1 530	1 650	1 609	1 622	1 593
Culture, recreation and other service activities	.	1 710	1 783	1 984	2 012	2 128
Re-exports	.	10 322	8 706	8 812	7 953	8 910
Taxes less subsidies on products	.	1 286	1 409	1 513	1 603	1 997
Trade and transport margins	.	1 970	2 160	2 257	2 345	2 580
Cif/fob-adjustment	.	-2 304	-2 302	-2 258	-2 358	-2 326
<b>Exports of services</b>	132 124	151 980	142 478	154 783	170 518	181 215
<b>Exports of goods and services</b>	541 129	570 353	563 377	615 553	655 439	675 153

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Exports of goods</b>						
Agriculture, forestry and fishing	.	.	3.0	0.2	-3.0	1.0
Mining and quarrying	.	.	11.3	-13.3	-13.9	-12.0
Manufacturing	.	.	3.1	5.0	3.3	-3.3
Manufacture of food, beverages and tobacco	.	.	8.3	0.7	1.8	1.8
Manufacture of textile-, leatherproducts	.	.	11.1	1.2	4.3	-0.7
Manufacture of paper-, wood products, printing	.	.	5.3	7.9	-1.0	4.7
Manufacture of coke and petroleum	.	.	-2.5	-5.0	8.6	4.3
Manufacture of chemicals	.	.	4.8	12.5	4.3	-2.5
Manufacture of pharmaceuticals	.	.	3.3	-4.8	-1.3	14.4
Manufacture of plastic and building material	.	.	14.1	5.9	1.9	2.3
Manufacture of basic metals and -products	.	.	2.9	5.3	4.3	-3.1
Manufacture of electronic products	.	.	-6.0	-1.7	-9.6	-33.6
Manufacture of electrical equipment	.	.	5.4	6.1	4.9	9.5
Manufacture of machinery n.e.c.	.	.	-1.3	20.9	15.8	9.1
Manufacture of transport equipment	.	.	16.7	11.9	11.5	-4.5
Other manufacturing and repair	.	.	3.5	13.1	5.4	4.0
Electricity and gas supply	.	.	-50.6	-1.3	15.6	11.1
Water supply and waste management	.	.	-2.4	1.6	11.2	-3.7
Construction	.	.	-6.8	-22.9	1.6	11.1
Trade, transport, hotels, catering	.	.	1.3	10.8	-1.1	-1.2
Information and communication	.	.	6.6	3.4	-16.5	6.0
Financial and insurance activities	.	.	.	.	.	.
Real estate activities	.	.	.	.	.	.
Business service activities	.	.	3.8	-5.9	6.9	-20.0
Government and care	.	.	-6.1	2.6	-8.3	1.2
Culture, recreation and other service activities	.	.	2.2	29.8	1.6	9.5
Re-exports	.	.	6.2	7.7	4.3	7.6
Taxes less subsidies on products	.	.	6.6	5.7	-2.1	7.5
Trade and transport margins	.	.	5.2	5.7	3.3	4.8
<b>Exports of goods</b>	3.1	5.1	4.4	6.0	3.1	2.1
<b>Exports of services</b>						
Agriculture, forestry and fishing	.	.	-2.7	1.4	0.9	5.5
Mining and quarrying	.	.	-26.9	-32.4	-9.0	-13.7
Manufacturing	.	.	-5.4	9.6	1.6	-1.7
Electricity and gas supply	.	.	9.2	-11.6	6.6	26.9
Water supply and waste management	.	.	28.7	-4.9	3.4	-7.5
Construction	.	.	-7.9	31.4	-6.1	9.0
Trade, transport, hotels, catering	.	.	-0.2	3.9	1.4	2.9
Information and communication	.	.	20.0	26.4	17.8	8.9
Financial and insurance activities	.	.	-11.9	-5.6	16.6	-12.2
Real estate activities	.	.	3.2	8.4	3.9	5.3
Business service activities	.	.	-15.8	10.1	16.6	7.2
Government and care	.	.	7.1	-3.0	-0.7	-1.1
Culture, recreation and other service activities	.	.	2.9	10.0	0.3	4.3
Re-exports	.	.	-15.8	0.9	-10.7	10.5
Taxes less subsidies on products	.	.	6.4	6.5	2.6	6.6
Trade and transport margins	.	.	6.5	4.9	1.3	8.2
Cif/fob-adjustment	.	.	-2.0	-3.3	2.4	-3.7
<b>Exports of services</b>	9.6	14.6	-5.8	8.0	7.9	4.3
<b>Exports of goods and services</b>	4.5	7.4	1.7	6.5	4.3	2.7

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Exports of goods</b>						
Agriculture, forestry and fishing	.	.	3.0	0.2	-3.0	1.0
Mining and quarrying	.	.	11.3	-13.3	-14.8	-12.0
Manufacturing	.	.	3.1	5.0	3.3	-3.3
Manufacture of food, beverages and tobacco	.	.	8.3	0.7	1.8	1.8
Manufacture of textile-, leatherproducts	.	.	11.1	1.2	4.3	-0.7
Manufacture of paper-, wood products, printing	.	.	5.3	7.9	-1.0	4.7
Manufacture of coke and petroleum	.	.	-2.5	-5.0	8.6	4.3
Manufacture of chemicals	.	.	4.8	12.5	4.3	-2.5
Manufacture of pharmaceuticals	.	.	3.3	-4.8	-1.3	14.4
Manufacture of plastic and building material	.	.	14.1	5.9	1.9	2.3
Manufacture of basic metals and -products	.	.	2.9	5.3	4.3	-3.1
Manufacture of electronic products	.	.	-6.0	-1.7	-9.6	-33.6
Manufacture of electrical equipment	.	.	5.4	6.1	4.9	9.5
Manufacture of machinery n.e.c.	.	.	-1.3	20.9	15.8	9.1
Manufacture of transport equipment	.	.	16.7	11.9	11.5	-4.5
Other manufacturing and repair	.	.	3.5	13.1	5.4	4.0
Electricity and gas supply	.	.	-50.6	-1.3	-1.5	10.9
Water supply and waste management	.	.	-2.4	1.6	10.9	-3.7
Construction	.	.	-6.8	-22.9	1.6	11.1
Trade, transport, hotels, catering	.	.	1.3	10.8	-1.1	-1.2
Information and communication	.	.	6.6	3.4	-16.5	6.0
Financial and insurance activities	.	.	.	.	.	.
Real estate activities	.	.	.	.	.	.
Business service activities	.	.	3.8	-5.9	6.9	-20.0
Government and care	.	.	-6.1	2.6	-8.3	1.2
Culture, recreation and other service activities	.	.	2.2	29.8	1.6	9.5
Re-exports	.	.	6.2	7.7	4.3	7.6
Taxes less subsidies on products	.	.	6.6	5.7	5.5	8.2
Trade and transport margins	.	.	5.2	5.7	3.5	4.8
<b>Exports of goods</b>	<b>3.1</b>	<b>5.1</b>	<b>4.4</b>	<b>6.0</b>	<b>3.1</b>	<b>2.1</b>
<b>Exports of services</b>						
Agriculture, forestry and fishing	.	.	-2.7	1.4	0.9	4.6
Mining and quarrying	.	.	-26.9	-32.4	-9.0	-13.7
Manufacturing	.	.	-5.4	9.6	1.6	-1.7
Electricity and gas supply	.	.	9.2	-11.6	13.1	26.8
Water supply and waste management	.	.	28.7	-4.9	3.4	-7.5
Construction	.	.	-7.9	31.4	-6.1	9.0
Trade, transport, hotels, catering	.	.	-0.2	3.9	1.5	2.9
Information and communication	.	.	20.0	26.4	17.8	8.9
Financial and insurance activities	.	.	-11.9	-5.6	16.6	-12.2
Real estate activities	.	.	3.2	8.4	3.8	5.4
Business service activities	.	.	-15.8	10.1	16.6	7.2
Government and care	.	.	7.1	-3.0	-0.8	-0.9
Culture, recreation and other service activities	.	.	2.9	10.0	0.3	4.1
Re-exports	.	.	-15.8	0.9	-10.9	10.5
Taxes less subsidies on products	.	.	6.4	6.5	2.9	6.7
Trade and transport margins	.	.	6.5	4.9	1.4	8.2
Cif/fob-adjustment	.	.	-2.0	-3.3	2.4	-3.7
<b>Exports of services</b>	<b>9.6</b>	<b>14.6</b>	<b>-5.8</b>	<b>8.0</b>	<b>7.9</b>	<b>4.3</b>
<b>Exports of goods and services</b>	<b>4.5</b>	<b>7.4</b>	<b>1.7</b>	<b>6.5</b>	<b>4.3</b>	<b>2.7</b>

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Exports of goods</b>						
Agriculture, forestry and fishing	.	.	-0.3	2.3	-0.7	2.9
Mining and quarrying	.	.	-32.6	12.5	19.0	-17.9
Manufacturing	.	.	-3.3	4.1	2.6	-0.2
Manufacture of food, beverages and tobacco	.	.	0.5	3.6	-1.3	1.8
Manufacture of textile-, leatherproducts	.	.	-0.6	0.1	1.9	2.1
Manufacture of paper-, wood products, printing	.	.	-1.2	1.0	4.2	1.3
Manufacture of coke and petroleum	.	.	-16.2	22.6	17.4	-4.1
Manufacture of chemicals	.	.	-6.5	7.9	4.0	-2.5
Manufacture of pharmaceuticals	.	.	-0.2	-2.1	-1.3	4.7
Manufacture of plastic and building material	.	.	-1.3	0.8	1.5	0.5
Manufacture of basic metals and -products	.	.	-1.5	6.8	2.7	-0.5
Manufacture of electronic products	.	.	-3.7	0.5	0.3	-2.1
Manufacture of electrical equipment	.	.	-2.7	-1.7	3.3	0.1
Manufacture of machinery n.e.c.	.	.	0.5	0.2	0.7	1.3
Manufacture of transport equipment	.	.	0.2	-0.3	1.5	1.1
Other manufacturing and repair	.	.	0.3	-0.5	-0.3	3.6
Electricity and gas supply	.	.	-10.8	-7.1	-3.7	7.4
Water supply and waste management	.	.	-3.5	9.2	-1.1	-0.3
Construction	.	.	1.2	-0.8	4.7	2.0
Trade, transport, hotels, catering	.	.	-0.6	5.5	-1.4	1.8
Information and communication	.	.	2.4	1.2	1.1	4.7
Financial and insurance activities	.	.	.	.	.	.
Real estate activities	.	.	.	.	.	.
Business service activities	.	.	0.0	-4.0	1.7	3.8
Government and care	.	.	-8.3	13.9	3.0	-0.6
Culture, recreation and other service activities	.	.	2.2	0.0	1.6	-1.4
Re-exports	.	.	-4.0	2.7	1.7	-0.8
Taxes less subsidies on products	.	.	-5.3	-0.8	0.9	2.4
Trade and transport margins	.	.	-0.3	0.8	2.2	1.7
<b>Exports of goods</b>	-2.6	-2.6	-3.6	3.3	2.1	-0.3
<b>Exports of services</b>						
Agriculture, forestry and fishing	.	.	3.8	0.9	3.9	2.8
Mining and quarrying	.	.	0.1	0.5	3.2	-0.3
Manufacturing	.	.	0.8	1.1	1.9	1.1
Electricity and gas supply	.	.	-2.8	0.0	3.1	4.7
Water supply and waste management	.	.	-0.6	-1.8	0.0	10.3
Construction	.	.	-0.5	1.8	3.3	2.4
Trade, transport, hotels, catering	.	.	-1.1	1.0	2.6	1.8
Information and communication	.	.	-0.2	0.0	1.8	1.9
Financial and insurance activities	.	.	-5.8	-3.1	0.2	0.8
Real estate activities	.	.	1.3	2.9	3.4	1.3
Business service activities	.	.	0.6	1.2	2.1	2.1
Government and care	.	.	0.7	0.6	1.8	-1.0
Culture, recreation and other service activities	.	.	1.4	1.2	1.0	1.6
Re-exports	.	.	0.2	0.3	1.3	1.3
Taxes less subsidies on products	.	.	3.0	0.8	3.0	16.8
Trade and transport margins	.	.	3.0	-0.4	2.5	1.5
Cif/fob-adjustment	.	.	1.9	1.4	2.0	2.4
<b>Exports of services</b>	0.4	0.4	-0.5	0.6	2.1	1.9
<b>Exports of goods and services</b>	-1.9	-1.9	-2.8	2.6	2.1	0.3

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Exports of goods</b>						
Agriculture, forestry and fishing	.	.	-0.3	2.3	-0.7	2.9
Mining and quarrying	.	.	-32.6	12.5	19.1	-18.1
Manufacturing	.	.	-3.3	4.1	2.6	-0.2
Manufacture of food, beverages and tobacco	.	.	0.5	3.6	-1.3	1.8
Manufacture of textile-, leatherproducts	.	.	-0.6	0.1	1.9	2.1
Manufacture of paper-, wood products, printing	.	.	-1.2	1.0	4.2	1.3
Manufacture of coke and petroleum	.	.	-16.2	22.6	17.4	-4.1
Manufacture of chemicals	.	.	-6.5	7.9	4.0	-2.5
Manufacture of pharmaceuticals	.	.	-0.2	-2.1	-1.3	4.7
Manufacture of plastic and building material	.	.	-1.3	0.8	1.5	0.5
Manufacture of basic metals and -products	.	.	-1.5	6.8	2.7	-0.5
Manufacture of electronic products	.	.	-3.7	0.5	0.3	-2.1
Manufacture of electrical equipment	.	.	-2.7	-1.7	3.3	0.1
Manufacture of machinery n.e.c.	.	.	0.5	0.2	0.7	1.3
Manufacture of transport equipment	.	.	0.2	-0.3	1.5	1.1
Other manufacturing and repair	.	.	0.3	-0.5	-0.3	3.6
Electricity and gas supply	.	.	-10.8	-7.1	-3.1	8.9
Water supply and waste management	.	.	-3.5	9.2	-1.2	-0.3
Construction	.	.	1.2	-0.8	4.7	2.0
Trade, transport, hotels, catering	.	.	-0.6	5.5	-1.4	1.8
Information and communication	.	.	2.4	1.2	1.1	4.7
Financial and insurance activities	.	.	.	.	.	.
Real estate activities	.	.	.	.	.	.
Business service activities	.	.	0.0	-4.0	1.7	3.8
Government and care	.	.	-8.3	13.9	3.0	-0.6
Culture, recreation and other service activities	.	.	2.2	0.0	1.6	-1.4
Re-exports	.	.	-4.0	2.7	1.7	-0.8
Taxes less subsidies on products	.	.	-5.3	-0.8	0.3	2.2
Trade and transport margins	.	.	-0.3	0.8	2.2	1.7
<b>Exports of goods</b>	-2.6	-2.6	-3.6	3.3	2.1	-0.3
<b>Exports of services</b>						
Agriculture, forestry and fishing	.	.	3.8	0.9	3.9	2.8
Mining and quarrying	.	.	0.1	0.5	3.2	-0.3
Manufacturing	.	.	0.8	1.1	1.9	1.1
Electricity and gas supply	.	.	-2.8	0.0	2.9	3.3
Water supply and waste management	.	.	-0.6	-1.8	0.0	10.5
Construction	.	.	-0.5	1.8	3.3	2.4
Trade, transport, hotels, catering	.	.	-1.1	1.0	2.6	1.8
Information and communication	.	.	-0.2	0.0	1.8	1.9
Financial and insurance activities	.	.	-5.8	-3.1	0.2	0.8
Real estate activities	.	.	1.3	2.9	3.3	1.3
Business service activities	.	.	0.6	1.2	2.1	2.1
Government and care	.	.	0.7	0.6	1.6	-0.9
Culture, recreation and other service activities	.	.	1.4	1.2	1.1	1.6
Re-exports	.	.	0.2	0.3	1.3	1.4
Taxes less subsidies on products	.	.	3.0	0.8	3.0	16.7
Trade and transport margins	.	.	3.0	-0.4	2.5	1.7
Cif/fob-adjustment	.	.	1.9	1.4	2.0	2.4
<b>Exports of services</b>	0.4	0.4	-0.5	0.6	2.1	1.9
<b>Exports of goods and services</b>	-1.9	-1.9	-2.8	2.6	2.1	0.3

## B 6.1 Imports of goods and services by destination

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Imports of goods</b>						
Intermediate consumption	.	134 076	130 452	144 201	155 740	150 487
Agriculture, forestry and fishing	.	2 053	2 060	2 160	2 228	2 231
Mining and quarrying	.	141	132	119	135	137
Manufacturing	.	95 988	92 415	103 229	112 488	106 587
Manufacture of food, beverages and tobacco	.	18 536	19 717	20 176	20 376	20 544
Manufacture of textile-, leatherproducts	.	894	961	977	1 116	1 168
Manufacture of paper-, wood products, printing	.	3 361	3 661	3 874	3 984	4 143
Manufacture of coke and petroleum	.	19 281	15 552	18 820	24 185	24 015
Manufacture of chemicals	.	11 969	10 534	13 607	14 997	13 641
Manufacture of pharmaceuticals	.	1 054	1 140	1 054	1 099	1 217
Manufacture of plastic and building material	.	2 954	3 150	3 603	3 888	4 026
Manufacture of basic metals and -products	.	5 337	5 534	6 645	6 962	6 606
Manufacture of electronic products	.	16 118	14 575	14 198	12 287	7 073
Manufacture of electrical equipment	.	1 593	1 687	1 772	1 838	1 983
Manufacture of machinery n.e.c.	.	6 521	6 463	7 919	9 173	9 869
Manufacture of transport equipment	.	5 814	6 845	7 794	9 568	9 257
Other manufacturing and repair	.	2 556	2 596	2 790	3 015	3 045
Electricity and gas supply	.	3 429	2 550	3 174	2 735	2 180
Water supply and waste management	.	665	666	736	785	763
Construction	.	8 913	9 755	10 247	11 357	12 057
Trade, transport, hotels, catering	.	10 811	10 150	11 302	12 324	12 437
Information and communication	.	2 427	2 546	2 657	2 434	2 502
Financial and insurance activities	.	199	208	219	230	235
Real estate activities	.	617	616	654	687	679
Business service activities	.	2 405	2 566	2 864	3 067	3 208
Government and care	.	5 471	5 808	5 766	6 112	6 286
Culture, recreation and other service activities	.	957	980	1 074	1 158	1 185
Goods and services n.e.c.	.	276	308	335	367	380
Final expenditure	.	224 477	230 227	250 153	263 407	280 869
Final consumption of households incl. NPIs serving households	.	29 166	29 393	31 158	32 668	32 980
Final consumption of general government	.	1 575	1 611	1 616	1 592	1 615
Fixed capital formation	.	22 931	24 679	25 395	25 809	28 772
Exports (= re-exports)	.	168 741	172 118	190 208	201 719	215 198
Changes in inventories	.	2 064	2 426	1 776	1 619	2 304
Cif/fob-adjustment and reclassification	.	- 5 903	- 5 791	- 5 863	- 6 204	- 6 009
<b>Imports of goods</b>	345 078	352 926	355 196	388 826	413 310	425 727
<b>Imports of services</b>						
Intermediate consumption	.	99 008	99 683	109 169	122 123	124 263
Agriculture, forestry and fishing	.	434	457	502	526	542
Mining and quarrying	.	1 463	1 264	821	834	726
Manufacturing	.	23 876	23 779	24 443	23 863	19 116
Electricity and gas supply	.	280	304	328	319	345
Water supply and waste management	.	427	431	432	440	423
Construction	.	2 971	2 802	2 913	3 271	3 549
Trade, transport, hotels, catering	.	26 784	27 499	30 054	31 372	33 995
Information and communication	.	8 893	10 858	15 117	18 192	19 693
Financial and insurance activities	.	11 118	9 283	7 935	10 194	10 270
Real estate activities	.	752	701	725	727	784
Business service activities	.	18 560	18 697	22 184	28 582	30 902
Government and care	.	2 715	2 850	2 890	2 977	3 073
Culture, recreation and other service activities	.	735	758	825	826	845
Final expenditure	.	61 398	30 926	32 612	32 424	34 717
Final consumption of households incl. NPIs serving households	.	15 491	15 504	16 980	17 077	17 592
Final consumption of general government	.	2	1	1	1	1
Fixed capital formation	.	36 803	8 004	8 171	8 765	9 676
Exports (= re-exports)	.	9 102	7 417	7 460	6 581	7 448
Trade and transport margins	.	1 663	1 750	1 951	2 129	2 261
Cif/fob-reclassification	.	3 599	3 489	3 605	3 846	3 683
<b>Imports of services</b>	121 494	165 668	135 848	147 337	160 522	164 924
<b>Imports of goods and services</b>	466 572	518 594	491 044	536 163	573 832	590 651



## B 6.1 Imports of goods and services by destination

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Imports of goods</b>						
Intermediate consumption	.	134 076	130 452	144 201	156 271	151 248
Agriculture, forestry and fishing	.	2 053	2 060	2 160	2 303	2 328
Mining and quarrying	.	141	132	119	131	132
Manufacturing	.	95 988	92 415	103 229	112 595	106 789
Manufacture of food, beverages and tobacco	.	18 536	19 717	20 176	20 369	20 551
Manufacture of textile-, leatherproducts	.	894	961	977	1 112	1 164
Manufacture of paper-, wood products, printing	.	3 361	3 661	3 874	3 987	4 153
Manufacture of coke and petroleum	.	19 281	15 552	18 820	24 228	24 067
Manufacture of chemicals	.	11 969	10 534	13 607	15 062	13 756
Manufacture of pharmaceuticals	.	1 054	1 140	1 054	1 099	1 217
Manufacture of plastic and building material	.	2 954	3 150	3 603	3 884	4 028
Manufacture of basic metals and -products	.	5 337	5 534	6 645	6 971	6 621
Manufacture of electronic products	.	16 118	14 575	14 198	12 287	7 073
Manufacture of electrical equipment	.	1 593	1 687	1 772	1 837	1 982
Manufacture of machinery n.e.c.	.	6 521	6 463	7 919	9 173	9 869
Manufacture of transport equipment	.	5 814	6 845	7 794	9 567	9 256
Other manufacturing and repair	.	2 556	2 596	2 790	3 019	3 052
Electricity and gas supply	.	3 429	2 550	3 174	3 267	2 782
Water supply and waste management	.	665	666	736	780	759
Construction	.	8 913	9 755	10 247	11 344	12 041
Trade, transport, hotels, catering	.	10 811	10 150	11 302	12 253	12 382
Information and communication	.	2 427	2 546	2 657	2 430	2 498
Financial and insurance activities	.	199	208	219	224	231
Real estate activities	.	617	616	654	682	676
Business service activities	.	2 405	2 566	2 864	3 055	3 201
Government and care	.	5 471	5 808	5 766	6 070	6 256
Culture, recreation and other service activities	.	957	980	1 074	1 137	1 173
Goods and services n.e.c.	.	276	308	335	367	380
Final expenditure	.	224 477	230 227	250 153	262 876	280 108
Final consumption of households incl. NPIs serving households	.	29 166	29 393	31 158	31 967	32 235
Final consumption of general government	.	1 575	1 611	1 616	1 589	1 610
Fixed capital formation	.	22 931	24 679	25 395	25 810	28 773
Exports (= re-exports)	.	168 741	172 118	190 208	201 678	215 168
Changes in inventories	.	2 064	2 426	1 776	1 832	2 322
Cif/fob-adjustment and reclassification	.	- 5 903	- 5 791	- 5 863	- 6 204	- 6 009
<b>Imports of goods</b>	345 078	352 926	355 196	388 826	413 310	425 727
<b>Imports of services</b>						
Intermediate consumption	.	99 008	99 683	109 169	122 123	124 263
Agriculture, forestry and fishing	.	434	457	502	526	542
Mining and quarrying	.	1 463	1 264	821	834	726
Manufacturing	.	23 876	23 779	24 443	23 863	19 116
Electricity and gas supply	.	280	304	328	319	345
Water supply and waste management	.	427	431	432	440	423
Construction	.	2 971	2 802	2 913	3 271	3 549
Trade, transport, hotels, catering	.	26 784	27 499	30 054	31 372	33 995
Information and communication	.	8 893	10 858	15 117	18 192	19 693
Financial and insurance activities	.	11 118	9 283	7 935	10 194	10 270
Real estate activities	.	752	701	725	727	784
Business service activities	.	18 560	18 697	22 184	28 582	30 902
Government and care	.	2 715	2 850	2 890	2 977	3 073
Culture, recreation and other service activities	.	735	758	825	826	845
Final expenditure	.	61 398	30 926	32 612	32 424	34 717
Final consumption of households incl. NPIs serving households	.	15 491	15 504	16 980	17 077	17 593
Final consumption of general government	.	2	1	1	1	1
Fixed capital formation	.	36 803	8 004	8 171	8 765	9 676
Exports (= re-exports)	.	9 102	7 417	7 460	6 581	7 447
Trade and transport margins	.	1 663	1 750	1 951	2 129	2 261
Cif/fob-reclassification	.	3 599	3 489	3 605	3 846	3 683
<b>Imports of services</b>	121 494	165 668	135 848	147 337	160 522	164 924
<b>Imports of goods and services</b>	466 572	518 594	491 044	536 163	573 832	590 651

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Imports of goods</b>						
Intermediate consumption	.	.	3.6	3.7	3.6	-1.6
Agriculture, forestry and fishing	.	.	10.8	1.6	-1.5	-0.4
Mining and quarrying	.	.	0.7	-9.8	10.9	-2.2
Manufacturing	.	.	2.6	3.8	3.7	-3.3
Manufacture of food, beverages and tobacco	.	.	8.0	1.0	4.7	-0.0
Manufacture of textile-, leatherproducts	.	.	11.0	-0.9	13.1	4.2
Manufacture of paper-, wood products, printing	.	.	9.5	4.6	-1.6	5.3
Manufacture of coke and petroleum	.	.	-1.0	-2.5	4.5	3.1
Manufacture of chemicals	.	.	-2.1	13.0	2.8	-0.8
Manufacture of pharmaceuticals	.	.	10.7	-7.5	5.0	15.8
Manufacture of plastic and building material	.	.	9.6	9.5	5.2	4.5
Manufacture of basic metals and -products	.	.	6.1	0.9	1.6	-4.0
Manufacture of electronic products	.	.	-5.9	-2.9	-12.2	-39.7
Manufacture of electrical equipment	.	.	7.0	-1.4	1.9	8.2
Manufacture of machinery n.e.c.	.	.	-0.3	20.6	14.4	5.6
Manufacture of transport equipment	.	.	18.3	12.9	21.5	-5.0
Other manufacturing and repair	.	.	3.6	4.4	5.8	0.6
Electricity and gas supply	.	.	-7.8	-2.4	-17.5	-1.7
Water supply and waste management	.	.	4.1	4.4	7.1	-0.5
Construction	.	.	10.5	2.5	8.2	5.3
Trade, transport, hotels, catering	.	.	4.2	6.0	4.9	0.9
Information and communication	.	.	6.3	4.6	-7.9	4.9
Financial and insurance activities	.	.	11.6	3.8	3.7	3.9
Real estate activities	.	.	3.9	2.4	2.0	-1.7
Business service activities	.	.	10.0	10.1	6.9	4.8
Government and care	.	.	10.1	0.8	5.9	4.0
Culture, recreation and other service activities	.	.	6.1	7.2	7.3	2.0
Goods and services n.e.c.	.	.	13.4	5.8	11.6	3.0
Final expenditure	.	.	6.2	6.7	4.2	7.4
Final consumption of households incl. NPIs serving households	.	.	4.8	5.8	5.8	2.1
Final consumption of general government	.	.	6.6	4.8	3.5	3.5
Fixed capital formation	.	.	7.8	3.9	1.9	9.9
Exports (= re-exports)	.	.	6.2	7.7	4.3	7.6
Changes in inventories	.	.	13.9	-23.7	-9.3	52.0
Cif/fob-adjustment and reclassification	.	.	-3.7	-0.2	3.8	-5.4
<b>Imports of goods</b>	3.3	7.6	5.4	5.7	4.0	4.2
<b>Imports of services</b>						
Intermediate consumption	.	.	1.1	9.1	9.8	-0.2
Agriculture, forestry and fishing	.	.	4.4	8.1	1.8	0.2
Mining and quarrying	.	.	-13.9	-35.2	-1.1	-12.5
Manufacturing	.	.	-1.0	1.7	-3.9	-20.6
Electricity and gas supply	.	.	8.2	5.9	-1.8	5.0
Water supply and waste management	.	.	0.7	1.4	2.1	-6.1
Construction	.	.	-5.4	2.9	9.7	5.5
Trade, transport, hotels, catering	.	.	2.6	8.2	2.7	5.9
Information and communication	.	.	22.2	38.6	18.4	6.4
Financial and insurance activities	.	.	-11.2	-9.6	24.2	-4.1
Real estate activities	.	.	-5.6	3.7	-0.1	6.1
Business service activities	.	.	0.4	17.4	26.3	6.9
Government and care	.	.	5.9	1.1	2.6	0.4
Culture, recreation and other service activities	.	.	2.9	7.4	-1.8	1.1
Final expenditure	.	.	-49.5	2.8	-3.5	5.1
Final consumption of households incl. NPIs serving households	.	.	1.0	5.2	-2.7	1.5
Final consumption of general government	.	.	-50.0	0.0	0.0	100.0
Fixed capital formation	.	.	-78.3	1.1	4.3	7.9
Exports (= re-exports)	.	.	-19.0	-0.4	-13.6	11.0
Trade and transport margins	.	.	5.0	9.8	8.5	5.1
Cif/fob-reclassification	.	.	-4.9	1.9	4.6	-6.4
<b>Imports of services</b>	3.1	34.2	-17.7	7.5	6.7	0.8
<b>Imports of goods and services</b>	3.3	14.5	-2.0	6.2	4.7	3.2

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Imports of goods</b>						
Intermediate consumption	.	.	3.6	3.7	3.9	-1.5
Agriculture, forestry and fishing	.	.	10.8	1.6	1.7	0.0
Mining and quarrying	.	.	0.7	-9.8	6.7	-3.1
Manufacturing	.	.	2.6	3.8	3.9	-3.3
Manufacture of food, beverages and tobacco	.	.	8.0	1.0	4.7	-0.0
Manufacture of textile-, leatherproducts	.	.	11.0	-0.9	12.8	4.1
Manufacture of paper-, wood products, printing	.	.	9.5	4.6	-1.5	5.4
Manufacture of coke and petroleum	.	.	-1.0	-2.5	4.7	3.2
Manufacture of chemicals	.	.	-2.1	13.0	3.3	-0.6
Manufacture of pharmaceuticals	.	.	10.7	-7.5	5.0	15.8
Manufacture of plastic and building material	.	.	9.6	9.5	5.2	4.6
Manufacture of basic metals and -products	.	.	6.1	0.9	1.7	-4.0
Manufacture of electronic products	.	.	-5.9	-2.9	-12.2	-39.7
Manufacture of electrical equipment	.	.	7.0	-1.4	1.9	8.2
Manufacture of machinery n.e.c.	.	.	-0.3	20.6	14.4	5.6
Manufacture of transport equipment	.	.	18.3	12.9	21.5	-5.1
Other manufacturing and repair	.	.	3.6	4.4	5.9	0.6
Electricity and gas supply	.	.	-7.8	-2.4	-2.0	3.1
Water supply and waste management	.	.	4.1	4.4	6.5	-0.6
Construction	.	.	10.5	2.5	8.1	5.3
Trade, transport, hotels, catering	.	.	4.2	6.0	4.4	0.9
Information and communication	.	.	6.3	4.6	-8.0	5.0
Financial and insurance activities	.	.	11.6	3.8	0.5	4.5
Real estate activities	.	.	3.9	2.4	1.5	-1.6
Business service activities	.	.	10.0	10.1	6.5	4.8
Government and care	.	.	10.1	0.8	5.3	4.0
Culture, recreation and other service activities	.	.	6.1	7.2	5.7	2.0
Goods and services n.e.c.	.	.	13.4	5.8	11.9	3.0
Final expenditure	.	.	6.2	6.7	4.0	7.3
Final consumption of households incl. NPIs serving households	.	.	4.8	5.8	3.8	2.0
Final consumption of general government	.	.	6.6	4.8	3.2	3.4
Fixed capital formation	.	.	7.8	3.9	1.9	9.9
Exports (= re-exports)	.	.	6.2	7.7	4.3	7.6
Changes in inventories	.	.	13.9	-23.7	-0.3	37.6
Cif/fob-adjustment and reclassification	.	.	-3.7	-0.2	3.8	-5.4
<b>Imports of goods</b>	3.3	7.6	5.4	5.7	4.0	4.2
<b>Imports of services</b>						
Intermediate consumption	.	.	1.1	9.1	9.8	-0.2
Agriculture, forestry and fishing	.	.	4.4	8.1	1.8	0.2
Mining and quarrying	.	.	-13.9	-35.2	-1.1	-12.5
Manufacturing	.	.	-1.0	1.7	-3.9	-20.6
Electricity and gas supply	.	.	8.2	5.9	-1.8	5.0
Water supply and waste management	.	.	0.7	1.4	2.1	-6.1
Construction	.	.	-5.4	2.9	9.7	5.5
Trade, transport, hotels, catering	.	.	2.6	8.2	2.7	5.9
Information and communication	.	.	22.2	38.6	18.4	6.4
Financial and insurance activities	.	.	-11.2	-9.6	24.2	-4.1
Real estate activities	.	.	-5.6	3.7	-0.1	6.1
Business service activities	.	.	0.4	17.4	26.3	6.9
Government and care	.	.	5.9	1.1	2.6	0.4
Culture, recreation and other service activities	.	.	2.9	7.4	-1.8	1.1
Final expenditure	.	.	-49.5	2.8	-3.5	5.1
Final consumption of households incl. NPIs serving households	.	.	1.0	5.2	-2.7	1.5
Final consumption of general government	.	.	-50.0	0.0	0.0	100.0
Fixed capital formation	.	.	-78.3	1.1	4.3	7.9
Exports (= re-exports)	.	.	-19.0	-0.4	-13.7	11.0
Trade and transport margins	.	.	5.0	9.8	8.5	5.1
Cif/fob-reclassification	.	.	-4.9	1.9	4.6	-6.4
<b>Imports of services</b>	3.1	34.2	-17.7	7.5	6.7	0.8
<b>Imports of goods and services</b>	3.3	14.5	-2.0	6.2	4.7	3.2

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Imports of goods</b>						
Intermediate consumption	.	.	-6.1	6.6	4.3	-1.8
Agriculture, forestry and fishing	.	.	-9.5	3.3	4.7	0.5
Mining and quarrying	.	.	-7.0	0.0	2.3	3.8
Manufacturing	.	.	-6.1	7.7	5.0	-2.0
Manufacture of food, beverages and tobacco	.	.	-1.5	1.3	-3.6	0.9
Manufacture of textile-, leather products	.	.	-3.1	2.6	1.0	0.4
Manufacture of paper-, wood products, printing	.	.	-0.5	1.1	4.5	-1.3
Manufacture of coke and petroleum	.	.	-18.5	24.1	23.0	-3.7
Manufacture of chemicals	.	.	-10.1	14.3	7.2	-8.3
Manufacture of pharmaceuticals	.	.	-2.3	0.0	-0.7	-4.4
Manufacture of plastic and building material	.	.	-2.7	4.5	2.5	-0.9
Manufacture of basic metals and -products	.	.	-2.3	19.0	3.1	-1.1
Manufacture of electronic products	.	.	-3.9	0.3	-1.4	-4.5
Manufacture of electrical equipment	.	.	-1.0	6.5	1.8	-0.3
Manufacture of machinery n.e.c.	.	.	-0.6	1.6	1.2	1.9
Manufacture of transport equipment	.	.	-0.5	0.9	1.1	1.9
Other manufacturing and repair	.	.	-1.9	2.9	2.2	0.4
Electricity and gas supply	.	.	-19.3	27.5	4.4	-18.9
Water supply and waste management	.	.	-3.8	5.9	-0.4	-2.3
Construction	.	.	-0.9	2.5	2.4	0.8
Trade, transport, hotels, catering	.	.	-9.9	5.0	3.9	-0.0
Information and communication	.	.	-1.3	-0.3	-0.5	-2.0
Financial and insurance activities	.	.	-6.3	1.4	1.3	-1.7
Real estate activities	.	.	-3.9	3.6	3.0	0.6
Business service activities	.	.	-3.0	1.4	0.2	-0.2
Government and care	.	.	-3.6	-1.5	0.1	-1.1
Culture, recreation and other service activities	.	.	-3.4	2.2	0.5	0.3
Goods and services n.e.c.	.	.	-1.6	2.8	-1.9	0.5
Final expenditure	.	.	-3.5	1.8	1.1	-0.7
Final consumption of households incl. NPIs serving households	.	.	-3.8	0.2	-0.9	-1.1
Final consumption of general government	.	.	-4.1	-4.3	-4.8	-1.9
Fixed capital formation	.	.	-0.1	-0.9	-0.2	1.4
Exports (= re-exports)	.	.	-3.9	2.6	1.6	-0.8
Changes in inventories	.	.	3.2	-4.1	0.6	-6.4
Cif/fob-adjustment and reclassification	.	.	1.9	1.4	2.0	2.4
<b>Imports of goods</b>	-2.6	-5.0	-4.5	3.6	2.2	-1.1
<b>Imports of services</b>						
Intermediate consumption	.	.	-0.4	0.4	1.9	1.9
Agriculture, forestry and fishing	.	.	0.9	1.6	2.9	2.8
Mining and quarrying	.	.	0.3	0.2	2.7	-0.5
Manufacturing	.	.	0.6	1.1	1.6	0.8
Electricity and gas supply	.	.	0.3	1.9	-0.9	3.0
Water supply and waste management	.	.	0.2	-1.1	-0.2	2.4
Construction	.	.	-0.4	1.0	2.3	2.8
Trade, transport, hotels, catering	.	.	0.1	1.0	1.7	2.3
Information and communication	.	.	-0.1	0.4	1.6	1.7
Financial and insurance activities	.	.	-6.0	-5.4	3.4	5.1
Real estate activities	.	.	-1.3	-0.3	0.4	1.7
Business service activities	.	.	0.3	1.0	2.0	1.1
Government and care	.	.	-0.8	0.3	0.4	2.8
Culture, recreation and other service activities	.	.	0.3	1.4	2.0	1.2
Final expenditure	.	.	-0.3	2.6	3.0	1.9
Final consumption of households incl. NPIs serving households	.	.	-0.9	4.1	3.4	1.5
Final consumption of general government	.	.	0.0	0.0	0.0	-50.0
Fixed capital formation	.	.	0.0	1.0	2.9	2.3
Exports (= re-exports)	.	.	0.6	1.0	2.1	2.0
Trade and transport margins	.	.	0.2	1.5	0.6	1.0
Cif/fob-reclassification	.	.	1.9	1.4	2.0	2.3
<b>Imports of services</b>	0.6	1.6	-0.3	0.9	2.1	1.9
<b>Imports of goods and services</b>	-1.8	-3.0	-3.4	2.8	2.2	-0.3

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Imports of goods</b>						
Intermediate consumption	.	.	-6.1	6.6	4.3	-1.7
Agriculture, forestry and fishing	.	.	-9.5	3.3	4.8	1.0
Mining and quarrying	.	.	-7.0	0.0	3.1	3.9
Manufacturing	.	.	-6.1	7.7	5.0	-2.0
Manufacture of food, beverages and tobacco	.	.	-1.5	1.3	-3.6	0.9
Manufacture of textile-, leatherproducts	.	.	-3.1	2.6	0.9	0.5
Manufacture of paper-, wood products, printing	.	.	-0.5	1.1	4.5	-1.2
Manufacture of coke and petroleum	.	.	-18.5	24.1	22.9	-3.7
Manufacture of chemicals	.	.	-10.1	14.3	7.2	-8.1
Manufacture of pharmaceuticals	.	.	-2.3	0.0	-0.7	-4.4
Manufacture of plastic and building material	.	.	-2.7	4.5	2.5	-0.8
Manufacture of basic metals and -products	.	.	-2.3	19.0	3.1	-1.1
Manufacture of electronic products	.	.	-3.9	0.3	-1.4	-4.5
Manufacture of electrical equipment	.	.	-1.0	6.5	1.8	-0.3
Manufacture of machinery n.e.c.	.	.	-0.6	1.6	1.2	1.9
Manufacture of transport equipment	.	.	-0.5	0.9	1.1	1.9
Other manufacturing and repair	.	.	-1.9	2.9	2.2	0.5
Electricity and gas supply	.	.	-19.3	27.5	5.1	-17.4
Water supply and waste management	.	.	-3.8	5.9	-0.5	-2.1
Construction	.	.	-0.9	2.5	2.4	0.8
Trade, transport, hotels, catering	.	.	-9.9	5.0	3.8	0.1
Information and communication	.	.	-1.3	-0.3	-0.6	-2.1
Financial and insurance activities	.	.	-6.3	1.4	1.8	-1.3
Real estate activities	.	.	-3.9	3.6	2.7	0.7
Business service activities	.	.	-3.0	1.4	0.2	-0.1
Government and care	.	.	-3.6	-1.5	0.0	-0.9
Culture, recreation and other service activities	.	.	-3.4	2.2	0.2	1.1
Goods and services n.e.c.	.	.	-1.6	2.8	-2.1	0.5
Final expenditure	.	.	-3.5	1.8	1.1	-0.7
Final consumption of households incl. NPIs serving households	.	.	-3.8	0.2	-1.1	-1.2
Final consumption of general government	.	.	-4.1	-4.3	-4.7	-2.0
Fixed capital formation	.	.	-0.1	-0.9	-0.2	1.4
Exports (= re-exports)	.	.	-3.9	2.6	1.6	-0.8
Changes in inventories	.	.	3.2	-4.1	3.5	-7.9
Cif/fob-adjustment and reclassification	.	.	1.9	1.4	2.0	2.4
<b>Imports of goods</b>	-2.6	-5.0	-4.5	3.6	2.2	-1.1
<b>Imports of services</b>						
Intermediate consumption	.	.	-0.4	0.4	1.9	1.9
Agriculture, forestry and fishing	.	.	0.9	1.6	2.9	2.8
Mining and quarrying	.	.	0.3	0.2	2.7	-0.5
Manufacturing	.	.	0.6	1.1	1.6	0.8
Electricity and gas supply	.	.	0.3	1.9	-0.9	3.0
Water supply and waste management	.	.	0.2	-1.1	-0.2	2.4
Construction	.	.	-0.4	1.0	2.3	2.8
Trade, transport, hotels, catering	.	.	0.1	1.0	1.7	2.3
Information and communication	.	.	-0.1	0.4	1.6	1.7
Financial and insurance activities	.	.	-6.0	-5.4	3.4	5.1
Real estate activities	.	.	-1.3	-0.3	0.4	1.7
Business service activities	.	.	0.3	1.0	2.0	1.1
Government and care	.	.	-0.8	0.3	0.4	2.8
Culture, recreation and other service activities	.	.	0.3	1.4	2.0	1.2
Final expenditure	.	.	-0.3	2.6	3.0	1.9
Final consumption of households incl. NPIs serving households	.	.	-0.9	4.1	3.4	1.5
Final consumption of general government	.	.	0.0	0.0	0.0	-50.0
Fixed capital formation	.	.	0.0	1.0	2.9	2.3
Exports (= re-exports)	.	.	0.6	1.0	2.2	2.0
Trade and transport margins	.	.	0.2	1.5	0.6	1.0
Cif/fob-reclassification	.	.	1.9	1.4	2.0	2.3
<b>Imports of services</b>	0.6	1.6	-0.3	0.9	2.1	1.9
<b>Imports of goods and services</b>	-1.8	-3.0	-3.4	2.8	2.2	-0.3

4.

# Production and generation of income

## P 1 Output (basic prices) by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	30 660	30 359	30 813	32 801	32 058	33 181
Mining and quarrying	23 038	18 874	13 388	11 659	11 196	8 987
Manufacturing	298 987	303 244	302 101	326 476	345 328	338 363
Manufacture of food, beverages and tobacco	64 434	66 359	69 268	72 715	72 477	75 127
Manufacture of textile-, leatherproducts	3 336	3 386	3 496	3 485	3 734	3 722
Manufacture of paper-, wood products, printing	12 950	12 892	13 211	13 994	14 669	14 996
Manufacture of coke and petroleum	33 534	25 285	20 847	24 314	29 856	29 889
Manufacture of chemicals	44 180	41 782	41 001	48 007	52 924	49 592
Manufacture of pharmaceuticals	5 210	5 784	6 072	5 832	5 802	6 459
Manufacture of plastic and building material	13 093	13 335	14 030	14 836	15 735	16 163
Manufacture of basic metals and -products	25 882	26 111	27 095	28 997	30 846	30 652
Manufacture of electronic products	32 885	40 332	36 580	36 213	33 478	23 000
Manufacture of electrical equipment	6 093	6 587	7 083	7 468	7 586	8 228
Manufacture of machinery n.e.c.	25 585	25 379	25 749	29 922	33 722	35 783
Manufacture of transport equipment	14 257	17 703	19 193	21 243	24 436	24 074
Other manufacturing and repair	17 548	18 309	18 476	19 450	20 513	20 678
Electricity and gas supply	18 409	17 859	16 530	16 730	17 829	18 964
Water supply and waste management	10 036	10 167	10 304	10 830	11 399	11 650
Construction	80 907	84 840	92 352	98 230	108 437	117 097
Construction buildings, development	30 926	34 160	38 270	41 088	46 147	50 361
Civil engineering	16 027	15 050	16 241	17 084	18 073	19 158
Specialised construction activities	33 954	35 630	37 841	40 058	44 217	47 578
Trade, transport, hotels, catering	238 859	252 013	258 912	273 555	286 725	298 274
Sale and repair of motor vehicles	16 377	17 246	17 786	18 753	19 615	20 683
Wholesale trade (no motor vehicles)	90 220	96 428	99 769	105 312	110 036	115 173
Retail trade (not in motor vehicles)	36 714	38 107	39 358	41 441	43 119	45 043
Land transport	26 527	27 147	28 221	29 498	31 056	32 505
Water transport	9 051	9 407	8 448	8 795	9 272	9 101
Air transport	10 824	11 235	10 872	11 675	12 442	12 762
Warehousing and support activities for transportation	21 073	22 655	22 762	24 150	24 915	25 260
Postal and courier activities	5 547	5 502	5 684	6 107	6 422	6 635
Accommodation and food service activities	22 526	24 286	26 012	27 824	29 848	31 112
Information and communication	54 882	62 428	67 709	75 026	81 453	85 224
Publishing, audiovisual and broadcasting activities	10 017	12 557	14 075	16 599	19 092	19 634
Telecommunications	15 834	15 426	15 372	15 359	14 661	14 586
IT- and information services	29 031	34 445	38 262	43 068	47 700	51 004
Financial and insurance activities	86 991	86 893	82 850	80 920	82 671	83 326
Financial activities, no insurance and pension funding	55 733	57 143	54 688	51 996	51 947	51 527
Insurance and pension funding	23 649	21 447	19 746	19 870	21 178	22 034
Other financial services	7 609	8 303	8 416	9 054	9 546	9 765
Real estate activities	80 904	84 189	86 309	89 270	93 220	97 400
Business services	155 041	162 982	169 865	180 678	197 957	209 041
Management, technical consultancy	78 135	81 324	82 607	86 692	95 740	101 696
Research and development	4 066	4 265	4 620	4 908	5 173	5 458
Advertising, design and other services	13 934	14 492	15 629	15 676	16 218	16 973
Renting and leasing of tangible goods	14 190	13 094	13 102	14 291	17 242	18 252
Employment activities	19 572	21 823	23 607	25 953	28 114	29 285
Travel agencies, tour operators etc.	9 456	11 223	12 987	14 699	15 918	16 873
Other business services	15 688	16 761	17 313	18 459	19 552	20 504
Government and care	195 731	195 686	198 971	203 756	213 991	224 116
Public administration and defence; compulsory social security	75 249	74 148	73 509	75 544	79 713	83 206
Education	39 602	40 616	42 034	42 946	44 664	46 155
Human health activities	44 784	45 383	46 486	47 344	49 693	51 778
Social work activities	36 096	35 539	36 942	37 922	39 921	42 977
Culture, recreation, other services	27 163	27 860	28 579	29 436	30 414	31 588
Arts, entertainment and recreation	14 183	14 719	15 079	15 486	15 943	16 372
Other service activities	12 498	12 609	12 909	13 286	13 745	14 416
Households with domestic personnel	482	532	591	664	726	800
<b>Subtotal</b>	<b>1 301 608</b>	<b>1 337 394</b>	<b>1 358 683</b>	<b>1 429 367</b>	<b>1 512 678</b>	<b>1 557 211</b>
Goods and services n.e.c.	1 418	1 462	1 563	1 645	1 802	1 882
<b>Output</b>	<b>1 303 026</b>	<b>1 338 856</b>	<b>1 360 246</b>	<b>1 431 012</b>	<b>1 514 480</b>	<b>1 559 093</b>

## P 2 Intermediate consumption by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	18 986	18 461	18 300	19 104	19 282	19 842
Mining and quarrying	6 297	6 305	5 465	4 237	4 031	3 714
Manufacturing	229 409	228 711	225 239	244 893	259 747	249 886
Manufacture of food, beverages and tobacco	50 206	51 859	54 094	56 989	56 256	58 047
Manufacture of textile-, leatherproducts	2 251	2 287	2 356	2 329	2 564	2 556
Manufacture of paper-, wood products, printing	9 058	9 043	9 226	9 874	10 257	10 351
Manufacture of coke and petroleum	33 873	23 781	19 392	22 773	28 655	28 528
Manufacture of chemicals	36 021	32 285	30 722	36 734	40 909	37 784
Manufacture of pharmaceuticals	3 186	3 361	3 359	3 103	3 187	3 436
Manufacture of plastic and building material	8 717	8 958	9 188	9 852	10 556	10 709
Manufacture of basic metals and -products	17 381	17 607	17 989	19 807	20 920	20 813
Manufacture of electronic products	28 593	35 589	32 732	32 201	28 946	18 434
Manufacture of electrical equipment	3 773	3 976	4 214	4 496	4 653	5 037
Manufacture of machinery n.e.c.	15 978	15 744	16 100	18 813	21 250	22 868
Manufacture of transport equipment	11 020	14 187	15 642	17 125	20 123	19 973
Other manufacturing and repair	9 352	10 034	10 225	10 797	11 471	11 350
Electricity and gas supply	11 037	10 042	8 749	9 341	9 738	9 570
Water supply and waste management	5 959	5 995	6 125	6 519	6 966	7 101
Construction	55 025	58 446	64 164	68 260	75 893	81 346
Construction buildings, development	23 288	25 714	29 002	31 161	35 191	38 110
Civil engineering	11 546	10 832	11 901	12 667	13 465	14 246
Specialised construction activities	20 191	21 900	23 261	24 432	27 237	28 990
Trade, transport, hotels, catering	119 481	125 944	128 348	136 862	143 826	149 445
Sale and repair of motor vehicles	8 933	9 476	9 675	10 179	10 610	11 124
Wholesale trade (no motor vehicles)	40 062	43 879	45 474	48 899	50 548	52 844
Retail trade (not in motor vehicles)	14 350	14 850	15 001	15 715	16 428	17 207
Land transport	16 133	16 432	17 085	17 671	18 802	19 486
Water transport	6 279	6 301	5 663	5 983	6 521	6 475
Air transport	8 284	7 689	6 922	7 737	8 603	8 976
Warehousing and support activities for transportation	10 531	11 513	11 794	12 489	12 808	13 029
Postal and courier activities	3 206	3 346	3 554	4 015	4 387	4 550
Accommodation and food service activities	11 703	12 458	13 180	14 174	15 119	15 754
Information and communication	26 544	32 959	36 600	42 407	46 884	48 862
Publishing, audiovisual and broadcasting activities	5 126	7 645	9 078	11 358	13 835	14 267
Telecommunications	7 982	7 881	8 180	7 942	7 166	7 199
IT- and information services	13 436	17 433	19 342	23 107	25 883	27 396
Financial and insurance activities	33 345	34 399	33 092	32 787	36 215	37 079
Financial activities, no insurance and pension funding	17 438	18 624	17 162	16 042	18 780	19 200
Insurance and pension funding	12 740	12 486	12 537	13 174	13 778	14 170
Other financial services	3 167	3 289	3 393	3 571	3 657	3 709
Real estate activities	42 752	44 685	44 691	43 336	42 494	44 530
Business services	70 414	73 408	76 127	81 528	92 085	97 131
Management, technical consultancy	37 544	38 178	38 776	41 827	48 751	51 892
Research and development	2 229	2 473	2 683	2 899	3 093	3 180
Advertising, design and other services	8 001	8 493	9 013	8 839	9 185	9 634
Renting and leasing of tangible goods	5 889	5 512	5 743	6 244	8 269	8 786
Employment activities	4 138	4 316	4 267	4 546	4 713	4 818
Travel agencies, tour operators etc.	6 374	7 624	8 667	9 651	10 050	10 463
Other business services	6 239	6 812	6 978	7 522	8 024	8 358
Government and care	64 765	64 050	63 557	64 719	68 703	71 862
Public administration and defence; compulsory social security	31 373	30 107	28 585	29 091	31 336	32 612
Education	9 202	9 608	10 085	10 259	10 735	10 983
Human health activities	14 549	14 735	15 008	15 148	15 893	16 741
Social work activities	9 641	9 600	9 879	10 221	10 739	11 526
Culture, recreation, other services	12 780	13 154	13 402	13 808	14 182	14 693
Arts, entertainment and recreation	7 352	7 605	7 757	7 990	8 231	8 487
Other service activities	5 428	5 549	5 645	5 818	5 951	6 206
Households with domestic personnel	0	0	0	0	0	0
<b>Subtotal</b>	696 794	716 559	723 859	767 801	820 046	835 061
Goods and services n.e.c.	1 418	1 462	1 563	1 645	1 802	1 882
<b>Intermediate consumption</b>	698 212	718 021	725 422	769 446	821 848	836 943



### P 3 Other taxes on production by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	334	351	361	383	392	407
Mining and quarrying	18	11	9	9	11	7
Manufacturing	537	470	486	497	543	536
Manufacture of food, beverages and tobacco	147	130	129	126	141	139
Manufacture of textile-, leatherproducts	10	7	7	7	11	11
Manufacture of paper-, wood products, printing	32	33	34	36	37	41
Manufacture of coke and petroleum	42	42	51	55	63	59
Manufacture of chemicals	89	83	88	85	101	89
Manufacture of pharmaceuticals	12	8	7	9	9	8
Manufacture of plastic and building material	36	34	30	29	30	33
Manufacture of basic metals and -products	56	51	65	66	70	67
Manufacture of electronic products	18	7	8	8	8	8
Manufacture of electrical equipment	8	6	5	5	5	4
Manufacture of machinery n.e.c.	37	23	22	25	21	27
Manufacture of transport equipment	17	16	16	17	15	14
Other manufacturing and repair	33	30	24	29	32	36
Electricity and gas supply	142	126	173	170	195	465
Water supply and waste management	59	49	50	43	41	38
Construction	136	139	143	137	136	142
Construction buildings, development	47	44	45	42	42	44
Civil engineering	20	15	16	18	16	18
Specialised construction activities	69	80	82	77	78	80
Trade, transport, hotels, catering	1 320	1 251	1 211	1 307	1 381	1 378
Sale and repair of motor vehicles	74	72	66	67	66	65
Wholesale trade (no motor vehicles)	355	276	284	293	280	281
Retail trade (not in motor vehicles)	160	153	154	172	196	193
Land transport	143	144	142	152	147	150
Water transport	7	4	2	3	2	2
Air transport	59	40	20	21	34	42
Warehousing and support activities for transportation	216	219	201	211	228	226
Postal and courier activities	46	53	49	49	56	58
Accommodation and food service activities	260	290	293	339	372	361
Information and communication	113	77	60	58	66	57
Publishing, audiovisual and broadcasting activities	22	16	19	17	19	15
Telecommunications	23	12	10	10	6	5
IT- and information services	68	49	31	31	41	37
Financial and insurance activities	1 699	1 068	1 557	1 596	1 718	1 804
Financial activities, no insurance and pension funding	1 608	1 000	1 487	1 490	1 624	1 708
Insurance and pension funding	46	38	38	61	47	52
Other financial services	45	30	32	45	47	44
Real estate activities	4 070	3 831	4 011	4 231	4 612	4 472
Business services	880	740	747	744	738	740
Management, technical consultancy	286	160	153	141	123	127
Research and development	15	16	13	13	17	14
Advertising, design and other services	19	26	20	23	22	22
Renting and leasing of tangible goods	451	434	487	485	488	490
Employment activities	42	34	24	26	27	28
Travel agencies, tour operators etc.	27	28	15	17	20	19
Other business services	40	42	35	39	41	40
Government and care	1 184	1 307	1 315	1 331	1 366	1 358
Public administration and defence; compulsory social security	517	625	623	646	638	620
Education	301	316	320	302	317	307
Human health activities	149	150	147	148	156	158
Social work activities	217	216	225	235	255	273
Culture, recreation, other services	127	114	98	102	104	104
Arts, entertainment and recreation	83	69	62	66	67	65
Other service activities	44	45	36	36	37	39
Households with domestic personnel	0	0	0	0	0	0
<b>Other taxes on production</b>	<b>10 619</b>	<b>9 534</b>	<b>10 221</b>	<b>10 608</b>	<b>11 303</b>	<b>11 508</b>

## P 4 Other subsidies on production by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	1 102	1 077	908	913	990	1 052
Mining and quarrying	1	5	8	6	4	5
Manufacturing	605	704	914	967	949	991
Manufacture of food, beverages and tobacco	41	50	41	57	39	40
Manufacture of textile-, leatherproducts	5	7	8	10	10	9
Manufacture of paper-, wood products, printing	21	22	22	19	18	16
Manufacture of coke and petroleum	0	0	2	2	4	5
Manufacture of chemicals	60	68	98	93	99	98
Manufacture of pharmaceuticals	33	39	44	41	34	35
Manufacture of plastic and building material	24	26	31	38	33	33
Manufacture of basic metals and -products	54	56	62	63	57	57
Manufacture of electronic products	107	125	168	162	154	164
Manufacture of electrical equipment	37	43	66	65	66	68
Manufacture of machinery n.e.c.	133	180	262	260	271	306
Manufacture of transport equipment	39	40	54	46	45	47
Other manufacturing and repair	51	48	56	111	119	113
Electricity and gas supply	0	10	4	61	17	15
Water supply and waste management	82	99	78	74	81	91
Construction	94	79	80	81	74	78
Construction buildings, development	16	15	11	15	15	13
Civil engineering	29	26	27	27	25	27
Specialised construction activities	49	38	42	39	34	38
Trade, transport, hotels, catering	1 539	1 488	1 709	1 996	2 108	2 112
Sale and repair of motor vehicles	20	19	21	37	40	39
Wholesale trade (no motor vehicles)	149	133	162	215	215	220
Retail trade (not in motor vehicles)	80	70	79	133	168	170
Land transport	1 132	1 106	1 260	1 360	1 423	1 431
Water transport	71	67	66	66	70	65
Air transport	0	1	3	3	3	2
Warehousing and support activities for transportation	42	52	74	66	50	48
Postal and courier activities	9	6	8	11	6	10
Accommodation and food service activities	36	34	36	105	133	127
Information and communication	271	288	329	322	355	379
Publishing, audiovisual and broadcasting activities	14	11	13	14	14	18
Telecommunications	27	28	28	22	32	31
IT- and information services	230	249	288	286	309	330
Financial and insurance activities	38	34	46	42	40	37
Financial activities, no insurance and pension funding	25	24	33	31	29	28
Insurance and pension funding	4	2	3	1	0	0
Other financial services	9	8	10	10	11	9
Real estate activities	17	21	17	20	18	19
Business services	1 676	1 675	1 804	1 954	2 124	2 262
Management, technical consultancy	272	279	300	284	300	304
Research and development	1 094	1 131	1 220	1 227	1 347	1 443
Advertising, design and other services	46	52	59	71	57	54
Renting and leasing of tangible goods	6	6	7	12	10	10
Employment activities	167	119	126	244	301	334
Travel agencies, tour operators etc.	35	37	36	42	44	51
Other business services	56	51	56	74	65	66
Government and care	1 855	1 988	2 000	1 979	2 133	2 266
Public administration and defence; compulsory social security	12	15	16	21	13	13
Education	28	19	23	31	30	33
Human health activities	1 758	1 789	1 764	1 753	1 909	2 013
Social work activities	57	165	197	174	181	207
Culture, recreation, other services	467	449	433	517	502	466
Arts, entertainment and recreation	399	378	374	445	437	411
Other service activities	68	71	59	72	65	55
Households with domestic personnel	0	0	0	0	0	0
<b>Other subsidies on production</b>	<b>7 747</b>	<b>7 917</b>	<b>8 330</b>	<b>8 932</b>	<b>9 395</b>	<b>9 773</b>

## P 5 Compensation of employees by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	3 054	3 038	3 125	3 269	3 471	3 668
Mining and quarrying	1 242	1 240	1 126	850	843	821
Manufacturing	39 000	38 816	39 963	41 044	42 695	44 875
Manufacture of food, beverages and tobacco	5 987	6 007	6 278	6 478	6 786	7 310
Manufacture of textile-, leatherproducts	633	622	628	633	690	698
Manufacture of paper-, wood products, printing	2 453	2 352	2 407	2 387	2 415	2 469
Manufacture of coke and petroleum	645	606	580	559	593	573
Manufacture of chemicals	3 502	3 475	3 542	3 704	3 836	4 019
Manufacture of pharmaceuticals	864	902	1 016	942	989	1 040
Manufacture of plastic and building material	2 725	2 735	2 809	2 929	3 013	3 119
Manufacture of basic metals and -products	5 298	5 404	5 541	5 684	5 948	6 209
Manufacture of electronic products	2 126	1 992	1 943	2 076	2 069	2 197
Manufacture of electrical equipment	1 507	1 299	1 461	1 442	1 531	1 571
Manufacture of machinery n.e.c.	4 962	5 031	5 201	5 465	5 733	6 225
Manufacture of transport equipment	2 056	2 141	2 241	2 320	2 532	2 723
Other manufacturing and repair	6 242	6 250	6 316	6 425	6 560	6 722
Electricity and gas supply	2 035	1 981	1 976	2 027	2 100	2 192
Water supply and waste management	1 828	1 812	1 857	1 931	2 058	2 151
Construction	16 446	16 055	16 323	16 963	17 924	18 972
Construction buildings, development	4 463	4 358	4 578	4 836	5 187	5 576
Civil engineering	3 432	3 257	3 230	3 361	3 439	3 600
Specialised construction activities	8 551	8 440	8 515	8 766	9 298	9 796
Trade, transport, hotels, catering	64 463	65 801	68 004	70 447	74 302	77 785
Sale and repair of motor vehicles	4 552	4 453	4 595	4 765	4 980	5 168
Wholesale trade (no motor vehicles)	23 636	24 370	25 158	25 991	27 279	28 491
Retail trade (not in motor vehicles)	13 348	13 484	13 735	14 366	15 031	15 698
Land transport	7 636	7 808	8 157	8 373	8 792	9 206
Water transport	935	923	935	940	922	965
Air transport	1 970	2 006	2 117	2 069	2 261	2 292
Warehousing and support activities for transportation	4 789	4 953	5 194	5 412	5 851	6 217
Postal and courier activities	1 565	1 500	1 398	1 400	1 478	1 536
Accommodation and food service activities	6 032	6 304	6 715	7 131	7 708	8 212
Information and communication	14 746	15 455	16 251	17 290	18 480	19 818
Publishing, audiovisual and broadcasting activities	2 499	2 488	2 482	2 508	2 585	2 656
Telecommunications	2 149	2 327	2 263	2 330	2 326	2 261
IT- and information services	10 098	10 640	11 506	12 452	13 569	14 901
Financial and insurance activities	18 953	17 835	17 851	17 611	17 313	17 589
Financial activities, no insurance and pension funding	10 936	9 486	9 539	9 317	9 157	9 290
Insurance and pension funding	5 089	5 089	5 127	5 040	4 818	4 955
Other financial services	2 928	3 260	3 185	3 254	3 338	3 344
Real estate activities	3 516	3 462	3 481	3 563	3 718	3 872
Business services	56 315	58 015	61 037	64 611	68 924	72 001
Management, technical consultancy	28 389	28 009	28 714	29 670	31 016	32 759
Research and development	2 322	2 401	2 502	2 699	2 779	2 897
Advertising, design and other services	2 923	2 956	3 165	3 291	3 534	3 807
Renting and leasing of tangible goods	1 415	1 570	1 499	1 600	1 806	1 893
Employment activities	14 654	16 267	18 070	19 929	21 843	22 290
Travel agencies, tour operators etc.	782	805	901	992	1 137	1 244
Other business services	5 830	6 007	6 186	6 430	6 809	7 111
Government and care	97 819	98 090	100 615	103 833	108 131	114 200
Public administration and defence; compulsory social security	29 546	29 556	30 383	31 470	32 850	34 477
Education	22 943	23 344	24 001	24 575	25 578	26 606
Human health activities	23 000	23 226	23 831	24 399	25 554	26 558
Social work activities	22 330	21 964	22 400	23 389	24 149	26 559
Culture, recreation, other services	8 749	8 667	8 977	9 379	9 881	10 459
Arts, entertainment and recreation	3 669	3 613	3 715	3 866	4 092	4 393
Other service activities	4 598	4 522	4 671	4 849	5 063	5 266
Households with domestic personnel	482	532	591	664	726	800
<b>Compensation of employees</b>	<b>328 166</b>	<b>330 267</b>	<b>340 586</b>	<b>352 818</b>	<b>369 840</b>	<b>388 403</b>

## P 6 Wages and salaries by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	2 413	2 421	2 484	2 615	2 768	2 904
Mining and quarrying	863	923	882	695	657	674
Manufacturing	30 143	30 738	31 473	32 492	33 668	35 311
Manufacture of food, beverages and tobacco	4 732	4 780	4 965	5 117	5 339	5 726
Manufacture of textile-, leatherproducts	488	490	494	496	538	544
Manufacture of paper-, wood products, printing	1 933	1 877	1 921	1 905	1 906	1 952
Manufacture of coke and petroleum	407	429	433	444	454	452
Manufacture of chemicals	2 742	2 842	2 866	2 971	3 109	3 226
Manufacture of pharmaceuticals	695	737	728	760	789	830
Manufacture of plastic and building material	2 108	2 138	2 192	2 300	2 355	2 429
Manufacture of basic metals and -products	4 141	4 271	4 365	4 494	4 677	4 879
Manufacture of electronic products	1 596	1 617	1 570	1 703	1 664	1 754
Manufacture of electrical equipment	1 045	1 029	1 150	1 129	1 210	1 234
Manufacture of machinery n.e.c.	3 924	4 027	4 149	4 370	4 576	4 961
Manufacture of transport equipment	1 619	1 707	1 781	1 848	2 004	2 159
Other manufacturing and repair	4 713	4 794	4 859	4 955	5 047	5 165
Electricity and gas supply	1 600	1 603	1 597	1 626	1 672	1 742
Water supply and waste management	1 399	1 413	1 445	1 500	1 584	1 638
Construction	12 605	12 417	12 749	13 281	14 001	14 817
Construction buildings, development	3 378	3 321	3 569	3 769	4 026	4 344
Civil engineering	2 660	2 552	2 557	2 657	2 715	2 840
Specialised construction activities	6 567	6 544	6 623	6 855	7 260	7 633
Trade, transport, hotels, catering	51 159	52 807	54 373	56 347	59 243	61 722
Sale and repair of motor vehicles	3 565	3 529	3 639	3 785	3 948	4 083
Wholesale trade (no motor vehicles)	18 991	19 855	20 409	21 025	22 020	22 804
Retail trade (not in motor vehicles)	10 617	10 786	10 986	11 428	11 947	12 366
Land transport	5 878	6 040	6 299	6 469	6 771	7 058
Water transport	743	741	747	753	735	769
Air transport	1 496	1 596	1 597	1 634	1 721	1 829
Warehousing and support activities for transportation	3 748	3 907	4 081	4 253	4 577	4 844
Postal and courier activities	1 149	1 099	1 049	1 051	1 107	1 152
Accommodation and food service activities	4 972	5 254	5 566	5 949	6 417	6 817
Information and communication	11 960	12 558	13 373	14 265	15 207	16 230
Publishing, audiovisual and broadcasting activities	2 006	2 009	2 004	2 045	2 115	2 157
Telecommunications	1 719	1 752	1 833	1 875	1 864	1 805
IT- and information services	8 235	8 797	9 536	10 345	11 228	12 268
Financial and insurance activities	14 412	14 131	14 017	13 547	13 544	13 887
Financial activities, no insurance and pension funding	8 048	7 609	7 623	7 189	7 185	7 330
Insurance and pension funding	4 073	4 004	3 965	3 832	3 732	3 888
Other financial services	2 291	2 518	2 429	2 526	2 627	2 669
Real estate activities	2 661	2 671	2 713	2 791	2 907	3 025
Business services	44 682	46 936	49 316	52 310	55 582	57 801
Management, technical consultancy	22 609	22 878	23 518	24 323	25 340	26 712
Research and development	1 703	1 893	1 969	2 134	2 180	2 258
Advertising, design and other services	2 365	2 426	2 598	2 701	2 887	3 089
Renting and leasing of tangible goods	1 093	1 261	1 187	1 264	1 425	1 481
Employment activities	11 697	13 066	14 412	15 982	17 459	17 675
Travel agencies, tour operators etc.	650	670	752	821	946	1 027
Other business services	4 565	4 742	4 880	5 085	5 345	5 559
Government and care	74 031	75 056	77 128	79 401	81 797	86 517
Public administration and defence; compulsory social security	21 693	21 835	22 558	23 275	23 703	25 156
Education	17 305	17 812	18 449	18 684	19 341	19 985
Human health activities	17 970	18 443	18 884	19 366	20 180	20 957
Social work activities	17 063	16 966	17 237	18 076	18 573	20 419
Culture, recreation, other services	6 990	7 016	7 255	7 603	8 005	8 447
Arts, entertainment and recreation	2 910	2 905	2 984	3 118	3 292	3 522
Other service activities	3 618	3 604	3 708	3 853	4 021	4 162
Households with domestic personnel	462	507	563	632	692	763
<b>Wages and salaries</b>	<b>254 918</b>	<b>260 690</b>	<b>268 805</b>	<b>278 473</b>	<b>290 635</b>	<b>304 715</b>

## P 7 Employers' social contributions by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	641	617	641	654	703	764
Mining and quarrying	379	317	244	155	186	147
Manufacturing	8 857	8 078	8 490	8 552	9 027	9 564
Manufacture of food, beverages and tobacco	1 255	1 227	1 313	1 361	1 447	1 584
Manufacture of textile-, leatherproducts	145	132	134	137	152	154
Manufacture of paper-, wood products, printing	520	475	486	482	509	517
Manufacture of coke and petroleum	238	177	147	115	139	121
Manufacture of chemicals	760	633	676	733	727	793
Manufacture of pharmaceuticals	169	165	288	182	200	210
Manufacture of plastic and building material	617	597	617	629	658	690
Manufacture of basic metals and -products	1 157	1 133	1 176	1 190	1 271	1 330
Manufacture of electronic products	530	375	373	373	405	443
Manufacture of electrical equipment	462	270	311	313	321	337
Manufacture of machinery n.e.c.	1 038	1 004	1 052	1 095	1 157	1 264
Manufacture of transport equipment	437	434	460	472	528	564
Other manufacturing and repair	1 529	1 456	1 457	1 470	1 513	1 557
Electricity and gas supply	435	378	379	401	428	450
Water supply and waste management	429	399	412	431	474	513
Construction	3 841	3 638	3 574	3 682	3 923	4 155
Construction buildings, development	1 085	1 037	1 009	1 067	1 161	1 232
Civil engineering	772	705	673	704	724	760
Specialised construction activities	1 984	1 896	1 892	1 911	2 038	2 163
Trade, transport, hotels, catering	13 304	12 994	13 631	14 100	15 059	16 063
Sale and repair of motor vehicles	987	924	956	980	1 032	1 085
Wholesale trade (no motor vehicles)	4 645	4 515	4 749	4 966	5 259	5 687
Retail trade (not in motor vehicles)	2 731	2 698	2 749	2 938	3 084	3 332
Land transport	1 758	1 768	1 858	1 904	2 021	2 148
Water transport	192	182	188	187	187	196
Air transport	474	410	520	435	540	463
Warehousing and support activities for transportation	1 041	1 046	1 113	1 159	1 274	1 373
Postal and courier activities	416	401	349	349	371	384
Accommodation and food service activities	1 060	1 050	1 149	1 182	1 291	1 395
Information and communication	2 786	2 897	2 878	3 025	3 273	3 588
Publishing, audiovisual and broadcasting activities	493	479	478	463	470	499
Telecommunications	430	575	430	455	462	456
IT- and information services	1 863	1 843	1 970	2 107	2 341	2 633
Financial and insurance activities	4 541	3 704	3 834	4 064	3 769	3 702
Financial activities, no insurance and pension funding	2 888	1 877	1 916	2 128	1 972	1 960
Insurance and pension funding	1 016	1 085	1 162	1 208	1 086	1 067
Other financial services	637	742	756	728	711	675
Real estate activities	855	791	768	772	811	847
Business services	11 633	11 079	11 721	12 301	13 342	14 200
Management, technical consultancy	5 780	5 131	5 196	5 347	5 676	6 047
Research and development	619	508	533	565	599	639
Advertising, design and other services	558	530	567	590	647	718
Renting and leasing of tangible goods	322	309	312	336	381	412
Employment activities	2 957	3 201	3 658	3 947	4 384	4 615
Travel agencies, tour operators etc.	132	135	149	171	191	217
Other business services	1 265	1 265	1 306	1 345	1 464	1 552
Government and care	23 788	23 034	23 487	24 432	26 334	27 683
Public administration and defence; compulsory social security	7 853	7 721	7 825	8 195	9 147	9 321
Education	5 638	5 532	5 552	5 891	6 237	6 621
Human health activities	5 030	4 783	4 947	5 033	5 374	5 601
Social work activities	5 267	4 998	5 163	5 313	5 576	6 140
Culture, recreation, other services	1 759	1 651	1 722	1 776	1 876	2 012
Arts, entertainment and recreation	759	708	731	748	800	871
Other service activities	980	918	963	996	1 042	1 104
Households with domestic personnel	20	25	28	32	34	37
<b>Employers' social contributions</b>	<b>73 248</b>	<b>69 577</b>	<b>71 781</b>	<b>74 345</b>	<b>79 205</b>	<b>83 688</b>

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	9 388	9 586	9 935	10 958	9 903	10 316
Mining and quarrying	15 482	11 323	6 796	6 569	6 315	4 450
Manufacturing	30 646	35 951	37 327	41 009	43 292	44 057
Manufacture of food, beverages and tobacco	8 135	8 413	8 808	9 179	9 333	9 671
Manufacture of textile-, leatherproducts	447	477	513	526	479	466
Manufacture of paper-, wood products, printing	1 428	1 486	1 566	1 716	1 978	2 151
Manufacture of coke and petroleum	- 1 026	856	826	929	549	734
Manufacture of chemicals	4 628	6 007	6 747	7 577	8 177	7 798
Manufacture of pharmaceuticals	1 181	1 552	1 734	1 819	1 651	2 010
Manufacture of plastic and building material	1 639	1 634	2 034	2 064	2 169	2 335
Manufacture of basic metals and -products	3 201	3 105	3 562	3 503	3 965	3 620
Manufacture of electronic products	2 255	2 869	2 065	2 090	2 609	2 525
Manufacture of electrical equipment	842	1 349	1 469	1 590	1 463	1 684
Manufacture of machinery n.e.c.	4 741	4 761	4 688	5 879	6 539	6 969
Manufacture of transport equipment	1 203	1 399	1 348	1 827	1 811	1 411
Other manufacturing and repair	1 972	2 043	1 967	2 310	2 569	2 683
Electricity and gas supply	5 195	5 720	5 636	5 253	5 813	6 752
Water supply and waste management	2 272	2 410	2 350	2 411	2 415	2 451
Construction	9 394	10 279	11 802	12 951	14 558	16 715
Construction buildings, development	3 144	4 059	4 656	5 064	5 742	6 644
Civil engineering	1 058	972	1 121	1 065	1 178	1 321
Specialised construction activities	5 192	5 248	6 025	6 822	7 638	8 750
Trade, transport, hotels, catering	55 134	60 505	63 058	66 935	69 324	71 778
Sale and repair of motor vehicles	2 838	3 264	3 471	3 779	3 999	4 365
Wholesale trade (no motor vehicles)	26 316	28 036	29 015	30 344	32 144	33 777
Retail trade (not in motor vehicles)	8 936	9 690	10 547	11 321	11 632	12 115
Land transport	3 747	3 869	4 097	4 662	4 738	5 094
Water transport	1 901	2 246	1 914	1 935	1 897	1 724
Air transport	511	1 501	1 816	1 851	1 547	1 454
Warehousing and support activities for transportation	5 579	6 022	5 647	6 104	6 078	5 836
Postal and courier activities	739	609	691	654	507	501
Accommodation and food service activities	4 567	5 268	5 860	6 285	6 782	6 912
Information and communication	13 750	14 225	15 127	15 593	16 378	16 866
Publishing, audiovisual and broadcasting activities	2 384	2 419	2 509	2 730	2 667	2 714
Telecommunications	5 707	5 234	4 947	5 099	5 195	5 152
IT- and information services	5 659	6 572	7 671	7 764	8 516	9 000
Financial and insurance activities	33 032	33 625	30 396	28 968	27 465	26 891
Financial activities, no insurance and pension funding	25 776	28 057	26 533	25 178	22 415	21 357
Insurance and pension funding	5 778	3 836	2 047	1 596	2 535	2 857
Other financial services	1 478	1 732	1 816	2 194	2 515	2 677
Real estate activities	30 583	32 232	34 143	38 160	42 414	44 545
Business services	29 108	32 494	33 758	35 749	38 334	41 431
Management, technical consultancy	12 188	15 256	15 264	15 338	16 150	17 222
Research and development	594	506	642	524	631	810
Advertising, design and other services	3 037	3 069	3 490	3 594	3 534	3 564
Renting and leasing of tangible goods	6 441	5 584	5 380	5 974	6 689	7 093
Employment activities	905	1 325	1 372	1 696	1 832	2 483
Travel agencies, tour operators etc.	2 308	2 803	3 440	4 081	4 755	5 198
Other business services	3 635	3 951	4 170	4 542	4 743	5 061
Government and care	33 818	34 227	35 484	35 852	37 924	38 962
Public administration and defence; compulsory social security	13 825	13 875	13 934	14 358	14 902	15 510
Education	7 184	7 367	7 651	7 841	8 064	8 292
Human health activities	8 844	9 061	9 264	9 402	9 999	10 334
Social work activities	3 965	3 924	4 635	4 251	4 959	4 826
Culture, recreation, other services	5 974	6 374	6 535	6 664	6 749	6 798
Arts, entertainment and recreation	3 478	3 810	3 919	4 009	3 990	3 838
Other service activities	2 496	2 564	2 616	2 655	2 759	2 960
Households with domestic personnel	0	0	0	0	0	0
<b>Operating surplus / mixed income (gross)</b>	<b>273 776</b>	<b>288 951</b>	<b>292 347</b>	<b>307 072</b>	<b>320 884</b>	<b>332 012</b>

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	5 454	5 556	5 818	6 785	5 596	5 798
Mining and quarrying	13 501	9 279	4 733	4 387	3 887	2 006
Manufacturing	16 787	21 764	22 940	26 340	28 162	28 373
Manufacture of food, beverages and tobacco	5 951	6 156	6 508	6 830	6 910	.
Manufacture of textile-, leatherproducts	277	308	345	358	308	.
Manufacture of paper-, wood products, printing	568	629	714	873	1 135	.
Manufacture of coke and petroleum	- 1 623	240	207	303	- 106	.
Manufacture of chemicals	2 243	3 573	4 331	5 150	5 724	.
Manufacture of pharmaceuticals	373	765	970	1 078	922	.
Manufacture of plastic and building material	924	911	1 314	1 344	1 439	.
Manufacture of basic metals and -products	2 120	2 000	2 441	2 359	2 779	.
Manufacture of electronic products	1 355	1 896	985	897	1 303	.
Manufacture of electrical equipment	- 45	448	554	645	480	.
Manufacture of machinery n.e.c.	3 012	2 949	2 797	3 916	4 483	.
Manufacture of transport equipment	562	755	712	1 195	1 171	.
Other manufacturing and repair	1 070	1 134	1 062	1 392	1 614	.
Electricity and gas supply	1 815	2 202	2 024	1 478	1 810	2 482
Water supply and waste management	965	1 091	1 023	1 057	1 019	1 003
Construction	6 919	7 764	9 253	10 350	11 829	13 834
Construction buildings, development	2 368	3 280	3 868	4 250	4 885	.
Civil engineering	476	379	527	472	570	.
Specialised construction activities	4 075	4 105	4 858	5 628	6 374	.
Trade, transport, hotels, catering	40 130	45 106	47 286	50 640	52 333	54 040
Sale and repair of motor vehicles	1 755	2 162	2 347	2 625	2 804	.
Wholesale trade (no motor vehicles)	22 124	23 665	24 539	25 732	27 303	.
Retail trade (not in motor vehicles)	6 237	7 013	7 884	8 640	8 884	.
Land transport	2 057	2 125	2 295	2 765	2 669	.
Water transport	1 118	1 461	1 139	1 174	1 149	.
Air transport	- 109	865	1 087	996	657	.
Warehousing and support activities for transportation	2 761	3 069	2 602	2 975	2 862	.
Postal and courier activities	486	349	423	378	212	.
Accommodation and food service activities	3 701	4 397	4 970	5 355	5 793	.
Information and communication	7 875	8 175	8 688	8 754	9 268	9 934
Publishing, audiovisual and broadcasting activities	1 783	1 797	1 867	2 075	1 999	.
Telecommunications	2 451	1 980	1 699	1 826	1 856	.
IT- and information services	3 641	4 398	5 122	4 853	5 413	.
Financial and insurance activities	28 749	29 364	26 080	24 477	22 678	21 880
Financial activities, no insurance and pension funding	23 389	25 681	24 081	22 603	19 639	.
Insurance and pension funding	4 426	2 515	765	287	1 172	.
Other financial services	934	1 168	1 234	1 587	1 867	.
Real estate activities	4 584	6 380	8 024	11 395	13 988	14 254
Business services	19 602	23 027	23 986	25 596	27 325	29 508
Management, technical consultancy	9 365	12 387	12 315	12 305	12 944	.
Research and development	39	- 67	58	- 86	- 22	.
Advertising, design and other services	2 465	2 499	2 923	3 022	2 945	.
Renting and leasing of tangible goods	2 069	1 347	972	1 380	1 588	.
Employment activities	529	945	986	1 294	1 402	.
Travel agencies, tour operators etc.	2 148	2 621	3 226	3 827	4 456	.
Other business services	2 987	3 295	3 506	3 854	4 012	.
Government and care	8 770	8 865	9 827	9 545	10 710	10 725
Public administration and defence; compulsory social security	0	0	0	0	0	.
Education	1 212	1 305	1 500	1 608	1 661	.
Human health activities	5 754	5 831	5 908	5 931	6 382	.
Social work activities	1 804	1 729	2 419	2 006	2 667	.
Culture, recreation, other services	4 259	4 636	4 753	4 816	4 823	4 799
Arts, entertainment and recreation	2 567	2 867	2 928	2 958	2 876	.
Other service activities	1 692	1 769	1 825	1 858	1 947	.
Households with domestic personnel	0	0	0	0	0	.
<b>Operating surplus / mixed income (net)</b>	<b>159 410</b>	<b>173 209</b>	<b>174 435</b>	<b>185 620</b>	<b>193 428</b>	<b>198 636</b>

## P 10 Consumption of fixed capital by industry

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	3 934	4 030	4 117	4 173	4 307	4 518
Mining and quarrying	1 981	2 044	2 063	2 182	2 428	2 444
Manufacturing	13 859	14 187	14 387	14 669	15 130	15 684
Manufacture of food, beverages and tobacco	2 184	2 257	2 300	2 349	2 423	.
Manufacture of textile-, leatherproducts	170	169	168	168	171	.
Manufacture of paper-, wood products, printing	860	857	852	843	843	.
Manufacture of coke and petroleum	597	616	619	626	655	.
Manufacture of chemicals	2 385	2 434	2 416	2 427	2 453	.
Manufacture of pharmaceuticals	808	787	764	741	729	.
Manufacture of plastic and building material	715	723	720	720	730	.
Manufacture of basic metals and -products	1 081	1 105	1 121	1 144	1 186	.
Manufacture of electronic products	900	973	1 080	1 193	1 306	.
Manufacture of electrical equipment	887	901	915	945	983	.
Manufacture of machinery n.e.c.	1 729	1 812	1 891	1 963	2 056	.
Manufacture of transport equipment	641	644	636	632	640	.
Other manufacturing and repair	902	909	905	918	955	.
Electricity and gas supply	3 380	3 518	3 612	3 775	4 003	4 270
Water supply and waste management	1 307	1 319	1 327	1 354	1 396	1 448
Construction	2 475	2 515	2 549	2 601	2 729	2 881
Construction buildings, development	776	779	788	814	857	.
Civil engineering	582	593	594	593	608	.
Specialised construction activities	1 117	1 143	1 167	1 194	1 264	.
Trade, transport, hotels, catering	15 004	15 399	15 772	16 295	16 991	17 738
Sale and repair of motor vehicles	1 083	1 102	1 124	1 154	1 195	.
Wholesale trade (no motor vehicles)	4 192	4 371	4 476	4 612	4 841	.
Retail trade (not in motor vehicles)	2 699	2 677	2 663	2 681	2 748	.
Land transport	1 690	1 744	1 802	1 897	2 069	.
Water transport	783	785	775	761	748	.
Air transport	620	636	729	855	890	.
Warehousing and support activities for transportation	2 818	2 953	3 045	3 129	3 216	.
Postal and courier activities	253	260	268	276	295	.
Accommodation and food service activities	866	871	890	930	989	.
Information and communication	5 875	6 050	6 439	6 839	7 110	6 932
Publishing, audiovisual and broadcasting activities	601	622	642	655	668	.
Telecommunications	3 256	3 254	3 248	3 273	3 339	.
IT- and information services	2 018	2 174	2 549	2 911	3 103	.
Financial and insurance activities	4 283	4 261	4 316	4 491	4 787	5 011
Financial activities, no insurance and pension funding	2 387	2 376	2 452	2 575	2 776	.
Insurance and pension funding	1 352	1 321	1 282	1 309	1 363	.
Other financial services	544	564	582	607	648	.
Real estate activities	25 999	25 852	26 119	26 765	28 426	30 291
Business services	9 506	9 467	9 772	10 153	11 009	11 923
Management, technical consultancy	2 823	2 869	2 949	3 033	3 206	.
Research and development	555	573	584	610	653	.
Advertising, design and other services	572	570	567	572	589	.
Renting and leasing of tangible goods	4 372	4 237	4 408	4 594	5 101	.
Employment activities	376	380	386	402	430	.
Travel agencies, tour operators etc.	160	182	214	254	299	.
Other business services	648	656	664	688	731	.
Government and care	25 048	25 362	25 657	26 307	27 214	28 237
Public administration and defence; compulsory social security	13 825	13 875	13 934	14 358	14 902	.
Education	5 972	6 062	6 151	6 233	6 403	.
Human health activities	3 090	3 230	3 356	3 471	3 617	.
Social work activities	2 161	2 195	2 216	2 245	2 292	.
Culture, recreation, other services	1 715	1 738	1 782	1 848	1 926	1 999
Arts, entertainment and recreation	911	943	991	1 051	1 114	.
Other service activities	804	795	791	797	812	.
Households with domestic personnel	0	0	0	0	0	.
<b>Consumption of fixed capital</b>	<b>114 366</b>	<b>115 742</b>	<b>117 912</b>	<b>121 452</b>	<b>127 456</b>	<b>133 376</b>



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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	11 674	11 898	12 513	13 697	12 776	13 339
Mining and quarrying	16 741	12 569	7 923	7 422	7 165	5 273
Manufacturing	69 578	74 533	76 862	81 583	85 581	88 477
Manufacture of food, beverages and tobacco	14 228	14 500	15 174	15 726	16 221	17 080
Manufacture of textile-, leatherproducts	1 085	1 099	1 140	1 156	1 170	1 166
Manufacture of paper-, wood products, printing	3 892	3 849	3 985	4 120	4 412	4 645
Manufacture of coke and petroleum	– 339	1 504	1 455	1 541	1 201	1 361
Manufacture of chemicals	8 159	9 497	10 279	11 273	12 015	11 808
Manufacture of pharmaceuticals	2 024	2 423	2 713	2 729	2 615	3 023
Manufacture of plastic and building material	4 376	4 377	4 842	4 984	5 179	5 454
Manufacture of basic metals and -products	8 501	8 504	9 106	9 190	9 926	9 839
Manufacture of electronic products	4 292	4 743	3 848	4 012	4 532	4 566
Manufacture of electrical equipment	2 320	2 611	2 869	2 972	2 933	3 191
Manufacture of machinery n.e.c.	9 607	9 635	9 649	11 109	12 022	12 915
Manufacture of transport equipment	3 237	3 516	3 551	4 118	4 313	4 101
Other manufacturing and repair	8 196	8 275	8 251	8 653	9 042	9 328
Electricity and gas supply	7 372	7 817	7 781	7 389	8 091	9 394
Water supply and waste management	4 077	4 172	4 179	4 311	4 433	4 549
Construction	25 882	26 394	28 188	29 970	32 544	35 751
Construction buildings, development	7 638	8 446	9 268	9 927	10 956	12 251
Civil engineering	4 481	4 218	4 340	4 417	4 608	4 912
Specialised construction activities	13 763	13 730	14 580	15 626	16 980	18 588
Trade, transport, hotels, catering	119 378	126 069	130 564	136 693	142 899	148 829
Sale and repair of motor vehicles	7 444	7 770	8 111	8 574	9 005	9 559
Wholesale trade (no motor vehicles)	50 158	52 549	54 295	56 413	59 488	62 329
Retail trade (not in motor vehicles)	22 364	23 257	24 357	25 726	26 691	27 836
Land transport	10 394	10 715	11 136	11 827	12 254	13 019
Water transport	2 772	3 106	2 785	2 812	2 751	2 626
Air transport	2 540	3 546	3 950	3 938	3 839	3 786
Warehousing and support activities for transportation	10 542	11 142	10 968	11 661	12 107	12 231
Postal and courier activities	2 341	2 156	2 130	2 092	2 035	2 085
Accommodation and food service activities	10 823	11 828	12 832	13 650	14 729	15 358
Information and communication	28 338	29 469	31 109	32 619	34 569	36 362
Publishing, audiovisual and broadcasting activities	4 891	4 912	4 997	5 241	5 257	5 367
Telecommunications	7 852	7 545	7 192	7 417	7 495	7 387
IT- and information services	15 595	17 012	18 920	19 961	21 817	23 608
Financial and insurance activities	53 646	52 494	49 758	48 133	46 456	46 247
Financial activities, no insurance and pension funding	38 295	38 519	37 526	35 954	33 167	32 327
Insurance and pension funding	10 909	8 961	7 209	6 696	7 400	7 864
Other financial services	4 442	5 014	5 023	5 483	5 889	6 056
Real estate activities	38 152	39 504	41 618	45 934	50 726	52 870
Business services	84 627	89 574	93 738	99 150	105 872	111 910
Management, technical consultancy	40 591	43 146	43 831	44 865	46 989	49 804
Research and development	1 837	1 792	1 937	2 009	2 080	2 278
Advertising, design and other services	5 933	5 999	6 616	6 837	7 033	7 339
Renting and leasing of tangible goods	8 301	7 582	7 359	8 047	8 973	9 466
Employment activities	15 434	17 507	19 340	21 407	23 401	24 467
Travel agencies, tour operators etc.	3 082	3 599	4 320	5 048	5 868	6 410
Other business services	9 449	9 949	10 335	10 937	11 528	12 146
Government and care	130 966	131 636	135 414	139 037	145 288	152 254
Public administration and defence; compulsory social security	43 876	44 041	44 924	46 453	48 377	50 594
Education	30 400	31 008	31 949	32 687	33 929	35 172
Human health activities	30 235	30 648	31 478	32 196	33 800	35 037
Social work activities	26 455	25 939	27 063	27 701	29 182	31 451
Culture, recreation, other services	14 383	14 706	15 177	15 628	16 232	16 895
Arts, entertainment and recreation	6 831	7 114	7 322	7 496	7 712	7 885
Other service activities	7 070	7 060	7 264	7 468	7 794	8 210
Households with domestic personnel	482	532	591	664	726	800
<b>Value added (gross, basic prices)</b>	<b>604 814</b>	<b>620 835</b>	<b>634 824</b>	<b>661 566</b>	<b>692 632</b>	<b>722 150</b>

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Industries</b>						
Agriculture, forestry and fishing	4.6	2.1	2.2	0.5	- 1.3	1.4
Mining and quarrying	- 14.1	- 15.2	- 8.3	- 16.0	- 15.7	- 13.6
Manufacturing	2.4	0.7	2.2	6.1	4.0	0.8
Manufacture of food, beverages and tobacco	4.0	3.5	- 0.5	0.3	1.1	1.9
Manufacture of textile-, leatherproducts	- 2.0	1.8	- 2.5	3.8	- 3.1	- 4.9
Manufacture of paper-, wood products, printing	2.1	- 0.0	2.4	1.6	0.8	1.5
Manufacture of coke and petroleum	27.6	- 5.9	0.7	- 6.6	19.6	2.2
Manufacture of chemicals	- 3.7	- 0.8	10.2	8.8	5.6	- 3.3
Manufacture of pharmaceuticals	1.9	15.8	6.6	3.9	- 3.5	7.8
Manufacture of plastic and building material	3.5	- 2.2	8.2	5.1	2.5	1.1
Manufacture of basic metals and -products	4.0	- 1.4	4.3	3.3	5.5	- 1.4
Manufacture of electronic products	6.1	- 9.8	- 1.1	5.0	8.9	1.7
Manufacture of electrical equipment	- 0.5	8.3	2.5	6.8	- 1.3	8.0
Manufacture of machinery n.e.c.	6.7	1.2	- 1.8	16.4	7.8	6.4
Manufacture of transport equipment	- 3.7	6.6	3.6	19.8	0.0	- 5.3
Other manufacturing and repair	- 0.6	- 2.3	- 2.5	4.7	4.8	- 3.1
Electricity and gas supply	1.5	5.0	0.0	2.3	0.6	4.1
Water supply and waste management	7.6	6.0	1.4	2.6	4.3	0.3
Construction	3.2	6.9	8.6	7.5	4.8	5.1
Construction buildings, development	9.6	18.8	13.5	11.8	6.4	6.3
Civil engineering	- 5.2	- 3.8	3.6	- 3.8	- 0.9	4.0
Specialised construction activities	2.6	3.8	7.2	8.1	5.3	4.6
Trade, transport, hotels, catering	3.0	2.5	2.2	3.3	2.9	2.1
Sale and repair of motor vehicles	- 1.0	8.9	0.9	5.2	4.8	2.9
Wholesale trade (no motor vehicles)	4.0	2.0	4.8	2.4	4.0	3.0
Retail trade (not in motor vehicles)	2.1	4.4	1.0	3.7	1.9	2.3
Land transport	- 0.0	- 1.3	0.1	5.6	1.4	0.8
Water transport	10.3	0.3	- 9.1	2.3	- 8.9	- 2.5
Air transport	4.5	- 1.3	12.9	1.3	5.1	2.5
Warehousing and support activities for transportation	5.3	3.5	- 4.1	6.3	2.4	- 0.5
Postal and courier activities	- 5.6	- 14.4	- 6.5	- 6.1	- 7.3	0.0
Accommodation and food service activities	3.6	4.9	3.4	2.8	3.9	1.9
Information and communication	3.6	4.9	5.8	6.6	4.8	3.7
Publishing, audiovisual and broadcasting activities	1.6	- 1.5	- 1.0	4.0	- 0.4	- 1.0
Telecommunications	2.8	1.8	- 1.6	12.1	5.9	2.7
IT- and information services	4.7	8.4	11.0	5.2	5.8	5.2
Financial and insurance activities	- 2.2	0.3	0.4	- 1.3	- 1.4	- 1.5
Financial activities, no insurance and pension funding	- 2.7	- 0.3	1.0	- 0.7	- 1.4	- 1.2
Insurance and pension funding	- 4.8	- 1.7	- 1.3	- 10.8	- 6.5	- 4.5
Other financial services	8.3	10.3	- 0.8	7.8	4.8	0.3
Real estate activities	4.6	2.8	0.9	2.8	2.6	2.6
Business services	3.4	4.4	3.4	4.1	4.0	2.3
Management, technical consultancy	4.9	4.5	0.7	1.6	2.7	3.4
Research and development	- 6.1	- 2.6	4.9	3.1	2.2	4.9
Advertising, design and other services	- 3.3	- 1.6	8.9	0.4	2.1	4.0
Renting and leasing of tangible goods	- 1.9	- 7.2	- 3.2	8.5	10.8	2.3
Employment activities	6.8	11.7	8.5	8.1	3.3	- 1.2
Travel agencies, tour operators etc.	17.3	15.4	20.7	13.5	13.0	4.9
Other business services	- 1.3	3.4	1.4	3.0	3.5	2.5
Government and care	0.7	0.2	0.6	1.2	1.0	1.2
Public administration and defence; compulsory social security	- 0.7	- 0.5	0.3	1.9	0.1	2.6
Education	0.5	0.6	- 1.0	0.5	0.4	0.0
Human health activities	1.8	1.5	1.1	0.9	1.9	0.1
Social work activities	2.1	- 0.6	2.1	1.4	2.0	1.6
Culture, recreation, other services	- 1.4	1.0	1.2	1.9	2.6	2.3
Arts, entertainment and recreation	- 1.4	0.6	1.5	1.9	2.0	1.2
Other service activities	- 1.4	0.9	0.2	1.2	2.8	2.9
Households with domestic personnel	- 0.4	7.9	10.0	11.2	7.1	7.2
<b>Value added (gross, basic prices)</b>	<b>1.4</b>	<b>1.7</b>	<b>2.0</b>	<b>2.9</b>	<b>2.3</b>	<b>1.6</b>

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

	2014	2015	2016	2017	2018	2019*
	%					
<b>Industries</b>						
Agriculture, forestry and fishing	-5.6	-0.2	2.9	8.9	-5.5	2.9
Mining and quarrying	-12.6	-11.5	-31.2	11.6	14.5	-14.8
Manufacturing	0.0	6.4	1.0	0.1	0.9	2.6
Manufacture of food, beverages and tobacco	1.8	-1.6	5.2	3.3	2.0	3.3
Manufacture of textile-, leatherproducts	2.7	-0.5	6.3	-2.3	4.5	4.8
Manufacture of paper-, wood products, printing	-0.8	-1.1	1.1	1.8	6.2	3.7
Manufacture of coke and petroleum	-149.9	-571.5	-4.0	13.4	-34.8	10.8
Manufacture of chemicals	4.3	17.3	-1.8	0.8	1.0	1.6
Manufacture of pharmaceuticals	-2.1	3.4	5.1	-3.2	-0.7	7.3
Manufacture of plastic and building material	1.2	2.3	2.3	-2.0	1.4	4.1
Manufacture of basic metals and -products	3.5	1.5	2.7	-2.3	2.3	0.6
Manufacture of electronic products	-5.4	22.5	-18.0	-0.7	3.7	-1.0
Manufacture of electrical equipment	0.2	3.9	7.3	-3.0	0.0	0.7
Manufacture of machinery n.e.c.	2.2	-0.9	2.0	-1.1	0.4	0.9
Manufacture of transport equipment	1.2	1.9	-2.5	-3.2	4.7	0.4
Other manufacturing and repair	1.9	3.3	2.3	0.2	-0.3	6.5
Electricity and gas supply	-8.1	1.0	-0.5	-7.2	8.9	11.6
Water supply and waste management	-3.0	-3.5	-1.2	0.6	-1.4	2.3
Construction	-2.1	-4.6	-1.7	-1.1	3.7	4.5
Construction buildings, development	-4.4	-6.9	-3.3	-4.2	3.8	5.2
Civil engineering	0.3	-2.1	-0.7	5.7	5.3	2.5
Specialised construction activities	-1.6	-3.9	-0.9	-0.9	3.2	4.6
Trade, transport, hotels, catering	-0.1	3.0	1.3	1.4	1.6	2.0
Sale and repair of motor vehicles	0.7	-4.1	3.5	0.5	0.2	3.2
Wholesale trade (no motor vehicles)	-1.8	2.7	-1.4	1.4	1.4	1.7
Retail trade (not in motor vehicles)	-1.7	-0.4	3.7	1.8	1.8	1.9
Land transport	3.2	4.5	3.8	0.6	2.2	5.3
Water transport	0.3	11.7	-1.3	-1.3	7.3	-2.1
Air transport	-3.2	41.4	-1.3	-1.6	-7.2	-3.8
Warehousing and support activities for transportation	2.4	2.2	2.6	0.0	1.4	1.6
Postal and courier activities	8.5	7.5	5.7	4.5	4.9	2.5
Accommodation and food service activities	4.1	4.2	4.9	3.5	3.9	2.4
Information and communication	-1.7	-0.8	-0.2	-1.7	1.1	1.4
Publishing, audiovisual and broadcasting activities	1.6	2.0	2.8	0.9	0.7	3.2
Telecommunications	-5.4	-5.6	-3.1	-8.0	-4.5	-4.0
IT- and information services	-0.7	0.6	0.2	0.2	3.3	2.8
Financial and insurance activities	3.5	-2.4	-5.6	-2.0	-2.1	1.1
Financial activities, no insurance and pension funding	3.0	0.9	-3.5	-3.5	-6.4	-1.4
Insurance and pension funding	7.6	-16.4	-18.5	4.2	18.2	11.2
Other financial services	-2.1	2.4	1.0	1.3	2.5	2.5
Real estate activities	5.3	0.7	4.4	7.3	7.6	1.6
Business services	0.8	1.4	1.2	1.6	2.6	3.3
Management, technical consultancy	-0.1	1.7	0.9	0.8	2.0	2.5
Research and development	2.3	0.2	3.1	0.6	1.3	4.4
Advertising, design and other services	2.2	2.8	1.3	2.9	0.7	0.4
Renting and leasing of tangible goods	2.5	-1.6	0.3	0.8	0.7	3.1
Employment activities	0.5	1.5	1.8	2.4	5.8	5.8
Travel agencies, tour operators etc.	3.2	1.2	-0.6	3.0	2.8	4.2
Other business services	1.7	1.9	2.5	2.7	1.9	2.8
Government and care	0.6	0.3	2.3	1.4	3.5	3.5
Public administration and defence; compulsory social security	0.7	0.9	1.7	1.5	4.0	2.0
Education	1.1	1.4	4.0	1.8	3.4	3.6
Human health activities	0.3	-0.1	1.6	1.3	3.0	3.5
Social work activities	0.4	-1.3	2.2	0.9	3.3	6.0
Culture, recreation, other services	3.0	1.2	2.0	1.1	1.2	1.8
Arts, entertainment and recreation	3.6	3.5	1.4	0.5	0.9	1.1
Other service activities	2.5	-1.0	2.7	1.6	1.5	2.4
Households with domestic personnel	0.6	2.3	1.0	1.1	2.1	2.8
<b>Value added (gross, basic prices)</b>	<b>0.1</b>	<b>0.9</b>	<b>0.3</b>	<b>1.2</b>	<b>2.3</b>	<b>2.6</b>

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

	2014	2015	2016	2017	2018	2019*
<b>% GDP</b>						
<b>Industries</b>						
Agriculture, forestry and fishing	1.7	1.7	1.8	1.9	1.7	1.6
Mining and quarrying	2.5	1.8	1.1	1.0	0.9	0.7
Manufacturing	10.4	10.8	10.9	11.1	11.1	10.9
Manufacture of food, beverages and tobacco	2.1	2.1	2.1	2.1	2.1	2.1
Manufacture of textile-, leatherproducts	0.2	0.2	0.2	0.2	0.2	0.1
Manufacture of paper-, wood products, printing	0.6	0.6	0.6	0.6	0.6	0.6
Manufacture of coke and petroleum	-0.1	0.2	0.2	0.2	0.2	0.2
Manufacture of chemicals	1.2	1.4	1.5	1.5	1.6	1.5
Manufacture of pharmaceuticals	0.3	0.4	0.4	0.4	0.3	0.4
Manufacture of plastic and building material	0.7	0.6	0.7	0.7	0.7	0.7
Manufacture of basic metals and -products	1.3	1.2	1.3	1.2	1.3	1.2
Manufacture of electronic products	0.6	0.7	0.5	0.5	0.6	0.6
Manufacture of electrical equipment	0.3	0.4	0.4	0.4	0.4	0.4
Manufacture of machinery n.e.c.	1.4	1.4	1.4	1.5	1.6	1.6
Manufacture of transport equipment	0.5	0.5	0.5	0.6	0.6	0.5
Other manufacturing and repair	1.2	1.2	1.2	1.2	1.2	1.2
Electricity and gas supply	1.1	1.1	1.1	1.0	1.0	1.2
Water supply and waste management	0.6	0.6	0.6	0.6	0.6	0.6
Construction	3.9	3.8	4.0	4.1	4.2	4.4
Construction buildings, development	1.1	1.2	1.3	1.3	1.4	1.5
Civil engineering	0.7	0.6	0.6	0.6	0.6	0.6
Specialised construction activities	2.0	2.0	2.1	2.1	2.2	2.3
Trade, transport, hotels, catering	17.8	18.3	18.4	18.5	18.5	18.4
Sale and repair of motor vehicles	1.1	1.1	1.1	1.2	1.2	1.2
Wholesale trade (no motor vehicles)	7.5	7.6	7.7	7.6	7.7	7.7
Retail trade (not in motor vehicles)	3.3	3.4	3.4	3.5	3.4	3.4
Land transport	1.5	1.6	1.6	1.6	1.6	1.6
Water transport	0.4	0.5	0.4	0.4	0.4	0.3
Air transport	0.4	0.5	0.6	0.5	0.5	0.5
Warehousing and support activities for transportation	1.6	1.6	1.5	1.6	1.6	1.5
Postal and courier activities	0.3	0.3	0.3	0.3	0.3	0.3
Accommodation and food service activities	1.6	1.7	1.8	1.8	1.9	1.9
Information and communication	4.2	4.3	4.4	4.4	4.5	4.5
Publishing, audiovisual and broadcasting activities	0.7	0.7	0.7	0.7	0.7	0.7
Telecommunications	1.2	1.1	1.0	1.0	1.0	0.9
IT- and information services	2.3	2.5	2.7	2.7	2.8	2.9
Financial and insurance activities	8.0	7.6	7.0	6.5	6.0	5.7
Financial activities, no insurance and pension funding	5.7	5.6	5.3	4.9	4.3	4.0
Insurance and pension funding	1.6	1.3	1.0	0.9	1.0	1.0
Other financial services	0.7	0.7	0.7	0.7	0.8	0.7
Real estate activities	5.7	5.7	5.9	6.2	6.6	6.5
Business services	12.6	13.0	13.2	13.4	13.7	13.8
Management, technical consultancy	6.0	6.3	6.2	6.1	6.1	6.1
Research and development	0.3	0.3	0.3	0.3	0.3	0.3
Advertising, design and other services	0.9	0.9	0.9	0.9	0.9	0.9
Renting and leasing of tangible goods	1.2	1.1	1.0	1.1	1.2	1.2
Employment activities	2.3	2.5	2.7	2.9	3.0	3.0
Travel agencies, tour operators etc.	0.5	0.5	0.6	0.7	0.8	0.8
Other business services	1.4	1.4	1.5	1.5	1.5	1.5
Government and care	19.5	19.1	19.1	18.8	18.8	18.8
Public administration and defence; compulsory social security	6.5	6.4	6.3	6.3	6.3	6.2
Education	4.5	4.5	4.5	4.4	4.4	4.3
Human health activities	4.5	4.4	4.4	4.4	4.4	4.3
Social work activities	3.9	3.8	3.8	3.8	3.8	3.9
Culture, recreation, other services	2.1	2.1	2.1	2.1	2.1	2.1
Arts, entertainment and recreation	1.0	1.0	1.0	1.0	1.0	1.0
Other service activities	1.1	1.0	1.0	1.0	1.0	1.0
Households with domestic personnel	0.1	0.1	0.1	0.1	0.1	0.1
<b>Value added (gross, basic prices)</b>	<b>90.1</b>	<b>90.0</b>	<b>89.6</b>	<b>89.6</b>	<b>89.5</b>	<b>89.1</b>
Taxes less subsidies on products	9.9	10.0	10.4	10.4	10.5	10.9
<b>Domestic product (gross, market prices)</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

## P 12 Dual classification of compensation of employees by industry and sector, 2019\*

	Total economy	Non-financial corporations	Financial corporations	General government	Households incl. NPI's serving households
	million euros				
<b>Industries</b>					
Agriculture, forestry and fishing	3 668	2 176	0	74	1 418
Mining and quarrying	821	820	0	0	1
Manufacturing	44 875	41 717	0	2 448	710
Manufacture of food, beverages and tobacco	7 310	7 025	0	0	285
Manufacture of textile-, leatherproducts	698	673	0	0	25
Manufacture of paper-, wood products, printing	2 469	2 413	0	0	56
Manufacture of coke and petroleum	573	573	0	0	0
Manufacture of chemicals and pharmaceuticals	5 059	5 056	0	1	2
Manufacture of plastic and building material	3 119	3 094	0	0	25
Manufacture of basic metals and -products	6 209	6 104	0	0	105
Manufacture of electronic products	2 197	2 193	0	0	4
Manufacture of electrical equipment	1 571	1 565	0	0	6
Manufacture of machinery n.e.c.	6 225	6 209	0	0	16
Manufacture of transport equipment	2 723	2 703	0	0	20
Other manufacturing and repair	6 722	4 109	0	2 447	166
Electricity and gas supply	2 192	2 176	0	1	15
Water supply and waste management	2 151	1 696	0	404	51
Construction	18 972	17 962	0	0	1 010
Wholesale and retail trade; repair of motor vehicles	49 357	46 322	0	0	3 035
Transportation and storage	20 216	18 830	0	736	650
Accommodation and food service activities	8 212	5 684	0	3	2 525
Information and communication	19 818	19 322	0	175	321
Financial and insurance activities	17 589	0	17 439	55	95
Real estate activities	3 872	3 592	0	6	274
Professional, scientific and technical activities	39 463	37 705	4	609	1 145
Administrative and support service activities	32 538	31 567	0	46	925
Public administration and defence; compulsory social security	34 477	0	0	34 477	0
Education	26 606	2 015	0	24 422	169
Human health and social work activities	53 117	48 265	0	2 070	2 782
Arts, entertainment and recreation	4 393	2 962	0	634	797
Other service activities	6 066	2 354	0	580	3 132
<b>Compensation of employees</b>	<b>388 403</b>	<b>285 165</b>	<b>17 443</b>	<b>66 740</b>	<b>19 055</b>

## P 13 Dual classification of value added (gross, basic prices) by industry and sector, 2019\*

	Total economy	Non-financial corporations	Financial corporations	General government	Households incl. NPI's serving households
	million euros				
<b>Industries</b>					
Agriculture, forestry and fishing	13 339	4 060	0	79	9 200
Mining and quarrying	5 273	5 264	0	0	9
Manufacturing	88 477	80 569	0	2 514	5 394
Manufacture of food, beverages and tobacco	17 080	14 004	0	0	3 076
Manufacture of textile-, leatherproducts	1 166	1 056	0	0	110
Manufacture of paper-, wood products, printing	4 645	4 405	0	0	240
Manufacture of coke and petroleum	1 361	1 361	0	0	0
Manufacture of chemicals and pharmaceuticals	14 831	14 624	0	1	206
Manufacture of plastic and building material	5 454	5 358	0	0	96
Manufacture of basic metals and -products	9 839	9 273	0	0	566
Manufacture of electronic products	4 566	4 546	0	0	20
Manufacture of electrical equipment	3 191	3 156	0	0	35
Manufacture of machinery n.e.c.	12 915	12 846	0	0	69
Manufacture of transport equipment	4 101	4 033	0	0	68
Other manufacturing and repair	9 328	5 907	0	2 513	908
Electricity and gas supply	9 394	8 728	0	20	646
Water supply and waste management	4 549	3 704	0	606	239
Construction	35 751	25 989	0	0	9 762
Wholesale and retail trade; repair of motor vehicles	99 724	88 145	0	0	11 579
Transportation and storage	33 747	28 729	0	2 300	2 718
Accommodation and food service activities	15 358	9 228	0	3	6 127
Information and communication	36 362	33 410	0	180	2 772
Financial and insurance activities	46 247	0	45 675	74	498
Real estate activities	52 870	22 989	0	6	29 875
Professional, scientific and technical activities	59 421	47 131	8	919	11 363
Administrative and support service activities	52 489	47 426	0	47	5 016
Public administration and defence; compulsory social security	50 594	0	0	50 594	0
Education	35 172	2 381	0	30 984	1 807
Human health and social work activities	66 488	53 654	0	2 235	10 599
Arts, entertainment and recreation	7 885	4 433	0	694	2 758
Other service activities	9 010	2 336	0	888	5 786
<b>Value added (gross, basic prices)</b>	<b>722 150</b>	<b>468 176</b>	<b>45 683</b>	<b>92 143</b>	<b>116 148</b>

## P 14 Labour share in enterprise income by industry

	2014	2015	2016	2017	2018*	2019*
	%					
<b>Industries</b>						
Agriculture, forestry and fishing	84.9	93.9	92.8	91.1	92.1	92.6
Mining and quarrying	8.5	11.9	19.4	16.4	18.0	29.2
Manufacturing	76.0	70.2	69.8	66.8	66.0	67.1
Electricity and gas supply	55.1	53.5	56.0	66.7	67.2	59.3
Water supply and waste management	71.8	68.3	70.4	70.4	72.4	73.6
Construction	94.7	91.7	88.4	86.6	85.8	82.9
Wholesale and retail trade; repair of motor vehicles	66.3	65.0	64.4	63.8	63.4	63.1
Transportation and storage	78.7	75.0	76.6	75.0	78.4	80.4
Accommodation and food service activities	87.0	85.0	82.5	81.2	80.5	81.3
Information and communication	71.6	72.3	72.3	73.4	73.7	73.8
Financial and insurance activities	40.4	38.6	41.5	42.8	44.3	45.6
Real estate activities	68.1	57.8	50.2	39.9	36.0	36.0
Professional, scientific and technical activities	88.5	84.6	85.4	86.1	87.0	86.9
Administrative and support service activities	84.4	83.8	83.9	81.9	81.4	80.2
Public administration and defence; compulsory social security	100.0	100.0	100.0	100.0	100.0	100.0
Education	99.1	99.3	99.0	98.9	99.3	99.3
Human health and social work activities	99.8	97.2	97.0	98.1	96.5	97.2
Arts, entertainment and recreation	80.6	78.4	79.5	80.1	83.5	86.1
Other service activities	105.3	101.8	101.9	103.0	103.3	102.9
Households with domestic personnel	100.0	100.0	100.0	100.0	100.0	100.0
<b>Total</b>	77.3	75.7	76.7	76.1	76.2	76.8

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

	2014	2015	2016	2017	2018*	2019*
	million euros					
<b>Industries</b>						
Agriculture, forestry and fishing	4 173	5 033	5 174	5 895	4 878	5 102
Mining and quarrying	14	10	9	10	8	5
Manufacturing	3 406	3 706	3 928	3 988	4 038	4 279
Electricity and gas supply	88	255	263	311	528	578
Water supply and waste management	177	171	171	173	171	171
Construction	5 670	5 794	6 277	6 694	7 594	8 227
Wholesale and retail trade; repair of motor vehicles	6 003	6 563	6 900	7 302	7 424	7 736
Transportation and storage	1 378	1 594	1 620	1 657	1 747	1 729
Accommodation and food service activities	2 439	2 787	2 921	3 003	3 156	3 230
Information and communication	1 458	1 628	1 772	1 815	1 983	2 127
Financial and insurance activities	341	368	393	403	386	399
Real estate activities	2 004	2 229	2 298	2 407	2 665	2 645
Professional, scientific and technical activities	6 631	7 380	8 034	8 175	8 971	9 546
Administrative and support service activities	3 000	2 894	3 012	3 250	3 471	3 661
Public administration and defence; compulsory social security	0	0	0	0	0	0
Education	1 000	1 123	1 247	1 321	1 468	1 513
Human health and social work activities	7 461	6 100	6 664	6 870	6 977	7 297
Arts, entertainment and recreation	1 360	1 465	1 563	1 599	1 724	1 685
Other service activities	2 027	1 880	1 948	2 061	2 179	2 346
Households with domestic personnel	0	0	0	0	0	0
<b>Imputed compensation for self-employed and family workers <sup>1)</sup></b>	48 630	50 980	54 194	56 934	59 368	62 276

<sup>1)</sup> The imputed labour income of self-employed and the family workers is determined as the net operating surplus/mixed income of households.



**5.**

# Labour



## A 1 Key figures labour market

	2014	2015	2016	2017	2018	2019*
	<b>1,000 persons</b>					
Number of employed persons <sup>1)</sup>	8 725	8 808	8 943	9 157	9 396	9 576
Number of employees <sup>1)</sup>	7 245	7 315	7 425	7 615	7 829	7 994
Number of self-employed persons <sup>1)</sup>	1 480	1 492	1 518	1 542	1 567	1 581
	<b>1,000 jobs</b>					
Jobs of employed persons <sup>1)</sup>	9 757	9 881	10 036	10 282	10 566	10 773
Jobs of employees	7 721	7 799	7 911	8 117	8 347	8 523
Jobs of self-employed persons <sup>1)</sup>	2 036	2 082	2 125	2 164	2 219	2 250
	<b>1,000 full-time equivalent jobs</b>					
Labour input of employed persons, in full-time equivalent jobs <sup>1)</sup>	6 927	7 015	7 159	7 340	7 563	7 736
Labour input of employees, in full-time equivalent jobs	5 769	5 820	5 929	6 081	6 269	6 424
Labour input of self-employed persons, in full-time equivalent jobs <sup>1)</sup>	1 159	1 195	1 230	1 260	1 294	1 312
	<b>million hours</b>					
Labour input of employed persons, in hours worked <sup>1)</sup>	12 438	12 559	12 854	13 156	13 496	13 787
Labour input of employees, in hours worked	9 870	9 918	10 140	10 389	10 686	10 964
Labour input of self-employed persons, in hours worked <sup>1)</sup>	2 569	2 641	2 713	2 768	2 810	2 823
Labour input of employees, in hours paid	11 604	11 722	11 958	12 274	12 715	13 017
Labour input of employees, in contractual hours	11 453	11 566	11 804	12 114	12 553	12 862
	<b>1,000 euro</b>					
Compensation of employees per full-time equivalent job	56.9	56.7	57.4	58.0	59.0	60.5
Wages and salaries per full-time equivalent job	44.2	44.8	45.3	45.8	46.4	47.4
	<b>euro</b>					
Compensation of employees per hour worked	33.3	33.3	33.6	34.0	34.6	35.4
Wages and salaries per hour worked	25.8	26.3	26.5	26.8	27.2	27.8
	<b>% changes</b>					
Compensation of employees per full-time equivalent job	1.7	-0.2	1.2	1.0	1.7	2.5
Wages and salaries per full-time equivalent job	0.5	1.4	1.2	1.0	1.2	2.3
Compensation of employees per hour worked	0.9	0.1	0.9	1.1	1.9	2.4
Wages and salaries per hour worked	-0.3	1.8	0.9	1.1	1.5	2.2

<sup>1)</sup> Data of 2018 and 2019 are provisional.

## A 2 Number of employed persons by industry

	2014	2015	2016	2017	2018*	2019*
	1,000 persons					
<b>Industries</b>						
Agriculture, forestry and fishing	195	194	196	198	201	202
Mining and quarrying	11	11	10	8	8	8
Manufacturing	759	760	764	770	786	803
Manufacture of food, beverages and tobacco	128	128	130	132	134	140
Manufacture of textile-, leatherproducts	17	17	17	17	17	17
Manufacture of paper-, wood products, printing	53	51	52	51	51	51
Manufacture of coke and petroleum	5	5	5	5	5	6
Manufacture of chemicals	44	43	44	44	45	46
Manufacture of pharmaceuticals	12	13	13	13	13	14
Manufacture of plastic and building material	51	51	52	54	55	55
Manufacture of basic metals and -products	107	108	109	110	114	116
Manufacture of electronic products	26	26	25	25	26	28
Manufacture of electrical equipment	20	20	21	21	22	23
Manufacture of machinery n.e.c.	79	79	80	83	84	89
Manufacture of transport equipment	36	38	38	39	43	44
Other manufacturing and repair	182	181	178	176	176	175
Electricity and gas supply	26	27	27	27	27	28
Water supply and waste management	32	32	33	34	35	36
Construction	453	449	452	467	482	498
Construction buildings, development	144	143	146	154	159	166
Civil engineering	58	56	54	55	56	57
Specialised construction activities	251	250	252	258	267	275
Trade, transport, hotels, catering	2 153	2 188	2 224	2 274	2 341	2 381
Sale and repair of motor vehicles	135	133	137	140	143	144
Wholesale trade (no motor vehicles)	476	485	494	502	513	522
Retail trade (not in motor vehicles)	777	790	793	810	830	840
Land transport	184	184	188	192	195	198
Water transport	21	21	21	21	20	20
Air transport	25	25	25	25	26	27
Warehousing and support activities for transportation	84	87	91	94	101	105
Postal and courier activities	67	64	60	58	63	61
Accommodation and food service activities	383	399	415	431	448	462
Information and communication	264	271	281	296	308	318
Publishing, audiovisual and broadcasting activities	55	54	55	56	57	57
Telecommunications	31	30	31	31	30	28
IT- and information services	178	187	196	208	221	233
Financial and insurance activities	232	226	221	212	208	207
Financial activities, no insurance and pension funding	115	108	106	98	96	96
Insurance and pension funding	67	65	63	62	59	58
Other financial services	51	53	52	53	54	53
Real estate activities	72	72	72	73	74	75
Business services	1 760	1 833	1 907	1 989	2 059	2 079
Management, technical consultancy	502	509	524	531	549	566
Research and development	33	36	37	38	39	40
Advertising, design and other services	181	183	185	187	192	198
Renting and leasing of tangible goods	31	33	33	35	38	39
Employment activities	543	599	650	710	750	746
Travel agencies, tour operators etc.	21	22	23	24	25	25
Other business services	448	451	455	462	465	465
Government and care	2 385	2 363	2 367	2 408	2 458	2 525
Public administration and defence; compulsory social security	476	470	468	474	480	490
Education	512	515	523	531	540	550
Human health activities	558	557	561	570	587	592
Social work activities	839	821	815	833	851	893
Culture, recreation, other services	381	380	389	400	410	417
Arts, entertainment and recreation	162	162	166	172	177	181
Other service activities	197	195	199	204	207	209
Households with domestic personnel	22	23	24	25	26	27
<b>Number of employed persons</b>	<b>8 725</b>	<b>8 808</b>	<b>8 943</b>	<b>9 157</b>	<b>9 396</b>	<b>9 576</b>

### A 3.1 Jobs of employed persons by industry

	2014	2015	2016	2017	2018*	2019*
	1,000 jobs					
<b>Industries</b>						
Agriculture, forestry and fishing	241	240	244	248	252	251
Mining and quarrying	11	11	10	9	8	8
Manufacturing	788	790	793	801	818	835
Manufacture of food, beverages and tobacco	137	137	139	142	145	150
Manufacture of textile-, leatherproducts	18	18	18	18	19	19
Manufacture of paper-, wood products, printing	55	54	54	54	53	53
Manufacture of coke and petroleum	5	5	5	5	6	6
Manufacture of chemicals	44	44	44	44	45	46
Manufacture of pharmaceuticals	13	14	14	14	14	15
Manufacture of plastic and building material	52	53	53	55	56	57
Manufacture of basic metals and -products	110	112	113	114	118	120
Manufacture of electronic products	26	26	25	25	27	28
Manufacture of electrical equipment	22	22	23	22	23	24
Manufacture of machinery n.e.c.	80	81	82	85	86	91
Manufacture of transport equipment	37	38	39	40	44	46
Other manufacturing and repair	188	187	184	183	183	182
Electricity and gas supply	28	28	28	28	28	29
Water supply and waste management	33	33	34	35	36	37
Construction	497	498	502	520	540	560
Construction buildings, development	168	170	173	183	190	198
Civil engineering	60	58	56	57	58	60
Specialised construction activities	269	270	273	281	292	302
Trade, transport, hotels, catering	2 356	2 400	2 442	2 496	2 570	2 613
Sale and repair of motor vehicles	148	147	152	155	159	160
Wholesale trade (no motor vehicles)	503	512	522	532	543	552
Retail trade (not in motor vehicles)	847	864	868	885	907	919
Land transport	198	199	204	208	213	216
Water transport	23	23	22	22	22	22
Air transport	26	26	26	26	27	27
Warehousing and support activities for transportation	87	90	94	98	105	109
Postal and courier activities	77	73	69	66	72	69
Accommodation and food service activities	448	467	485	503	523	539
Information and communication	291	300	311	327	340	352
Publishing, audiovisual and broadcasting activities	62	61	62	64	65	66
Telecommunications	32	31	31	32	30	28
IT- and information services	197	207	217	231	245	257
Financial and insurance activities	240	234	229	220	216	215
Financial activities, no insurance and pension funding	118	111	109	101	98	99
Insurance and pension funding	68	65	64	62	59	59
Other financial services	55	57	56	57	58	57
Real estate activities	84	83	84	85	85	87
Business services	2 047	2 137	2 216	2 313	2 397	2 423
Management, technical consultancy	558	569	586	597	618	637
Research and development	34	37	38	40	41	43
Advertising, design and other services	223	229	232	235	243	251
Renting and leasing of tangible goods	36	37	38	40	43	44
Employment activities	606	669	722	791	836	832
Travel agencies, tour operators etc.	23	24	25	26	27	28
Other business services	567	571	576	583	589	590
Government and care	2 650	2 632	2 638	2 683	2 743	2 820
Public administration and defence; compulsory social security	505	498	496	501	507	518
Education	571	577	586	595	607	621
Human health activities	623	621	628	639	659	663
Social work activities	952	935	929	949	970	1 017
Culture, recreation, other services	490	494	504	519	533	544
Arts, entertainment and recreation	212	215	220	228	236	242
Other service activities	236	235	240	245	250	253
Households with domestic personnel	42	44	44	45	47	49
<b>Jobs of employed persons</b>	<b>9 757</b>	<b>9 881</b>	<b>10 036</b>	<b>10 282</b>	<b>10 566</b>	<b>10 773</b>

### A 3.2 Jobs of employees by industry

	2014	2015	2016	2017	2018	2019*
	1,000 jobs					
<b>Industries</b>						
Agriculture, forestry and fishing	111	109	110	113	115	117
Mining and quarrying	11	11	10	8	8	8
Manufacturing	731	732	734	741	756	773
Manufacture of food, beverages and tobacco	124	124	126	129	131	137
Manufacture of textile-, leatherproducts	14	14	14	14	14	14
Manufacture of paper-, wood products, printing	49	48	48	48	48	48
Manufacture of coke and petroleum	5	5	5	5	6	6
Manufacture of chemicals	44	43	44	44	45	46
Manufacture of pharmaceuticals	12	13	13	13	13	14
Manufacture of plastic and building material	50	50	51	53	54	54
Manufacture of basic metals and -products	101	103	104	104	108	110
Manufacture of electronic products	26	25	25	24	26	28
Manufacture of electrical equipment	21	21	22	21	23	23
Manufacture of machinery n.e.c.	79	79	81	83	85	89
Manufacture of transport equipment	36	37	38	39	42	44
Other manufacturing and repair	170	168	164	163	162	160
Electricity and gas supply	26	27	27	27	27	28
Water supply and waste management	32	32	33	34	35	36
Construction	303	298	297	306	316	328
Construction buildings, development	80	78	80	84	87	92
Civil engineering	54	51	49	50	50	52
Specialised construction activities	170	168	169	172	179	185
Trade, transport, hotels, catering	1 995	2 031	2 068	2 123	2 191	2 234
Sale and repair of motor vehicles	110	109	112	114	118	119
Wholesale trade (no motor vehicles)	448	457	469	480	492	502
Retail trade (not in motor vehicles)	715	728	733	751	771	780
Land transport	174	174	177	180	183	187
Water transport	16	16	16	16	16	16
Air transport	25	25	25	26	26	27
Warehousing and support activities for transportation	82	85	88	92	98	103
Postal and courier activities	69	65	61	58	63	61
Accommodation and food service activities	355	371	388	406	423	439
Information and communication	232	238	247	261	272	282
Publishing, audiovisual and broadcasting activities	47	46	45	46	46	46
Telecommunications	31	30	31	31	30	28
IT- and information services	154	163	171	183	196	208
Financial and insurance activities	232	226	220	212	207	207
Financial activities, no insurance and pension funding	118	111	108	100	98	98
Insurance and pension funding	67	65	64	62	59	59
Other financial services	47	50	48	49	50	50
Real estate activities	65	65	65	66	67	68
Business services	1 391	1 467	1 538	1 623	1 692	1 708
Management, technical consultancy	414	419	430	437	453	469
Research and development	32	35	36	38	39	40
Advertising, design and other services	72	73	76	77	79	83
Renting and leasing of tangible goods	28	30	31	33	35	37
Employment activities	598	661	713	783	827	822
Travel agencies, tour operators etc.	19	20	21	22	23	23
Other business services	227	230	232	234	236	235
Government and care	2 292	2 266	2 261	2 297	2 343	2 411
Public administration and defence; compulsory social security	505	498	496	501	507	518
Education	505	507	511	516	523	531
Human health activities	521	519	522	530	546	551
Social work activities	762	742	732	750	768	811
Culture, recreation, other services	300	298	301	309	317	324
Arts, entertainment and recreation	127	126	128	132	136	140
Other service activities	131	128	129	131	134	135
Households with domestic personnel	42	44	44	45	47	49
<b>Jobs of employees</b>	<b>7 721</b>	<b>7 799</b>	<b>7 911</b>	<b>8 117</b>	<b>8 347</b>	<b>8 523</b>

### A 3.3 Jobs of self-employed persons by industry

	2014	2015	2016	2017	2018*	2019*
	1,000 jobs					
<b>Industries</b>						
Agriculture, forestry and fishing	130	131	134	135	137	134
Mining and quarrying	0	0	0	0	0	0
Manufacturing	57	58	59	60	61	62
Manufacture of food, beverages and tobacco	13	13	13	13	13	13
Manufacture of textile-, leatherproducts	4	4	4	4	5	5
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	9	9	9	9	10	10
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.	1	1	1	1	1	1
Manufacture of transport equipment	1	1	2	1	1	1
Other manufacturing and repair	18	19	19	20	21	21
Electricity and gas supply	1	1	1	1	1	1
Water supply and waste management	1	1	1	1	1	1
Construction	194	201	205	215	224	232
Construction buildings, development	89	92	93	99	103	106
Civil engineering	7	7	7	7	8	8
Specialised construction activities	98	102	105	108	113	117
Trade, transport, hotels, catering	361	369	374	373	380	379
Sale and repair of motor vehicles	38	39	40	41	41	41
Wholesale trade (no motor vehicles)	54	55	53	52	51	50
Retail trade (not in motor vehicles)	133	135	136	134	136	139
Land transport	24	25	28	29	30	29
Water transport	6	6	6	6	7	6
Air transport	0	0	0	0	0	0
Warehousing and support activities for transportation	5	5	6	6	6	7
Postal and courier activities	8	8	8	8	8	8
Accommodation and food service activities	93	95	97	98	100	100
Information and communication	59	61	64	66	68	70
Publishing, audiovisual and broadcasting activities	15	16	17	18	19	20
Telecommunications	1	1	1	1	1	1
IT- and information services	43	45	46	47	49	50
Financial and insurance activities	8	8	8	8	8	8
Financial activities, no insurance and pension funding	1	1	1	1	1	1
Insurance and pension funding	0	0	0	0	0	0
Other financial services	8	8	8	8	8	7
Real estate activities	19	19	19	19	19	19
Business services	656	670	678	690	704	716
Management, technical consultancy	144	151	156	160	164	168
Research and development	2	2	2	2	3	3
Advertising, design and other services	151	157	155	159	164	168
Renting and leasing of tangible goods	7	7	7	7	7	7
Employment activities	8	9	9	9	9	10
Travel agencies, tour operators etc.	4	4	4	4	5	5
Other business services	339	341	344	349	352	355
Government and care	358	366	377	386	400	409
Public administration and defence; compulsory social security	0	0	0	0	0	0
Education	66	70	75	79	84	90
Human health activities	102	103	106	109	113	112
Social work activities	190	193	196	199	203	206
Culture, recreation, other services	190	196	203	210	216	220
Arts, entertainment and recreation	86	89	92	96	99	102
Other service activities	104	107	111	114	117	118
Households with domestic personnel	0	0	0	0	0	0
<b>Jobs of self-employed persons</b>	<b>2 036</b>	<b>2 082</b>	<b>2 125</b>	<b>2 164</b>	<b>2 219</b>	<b>2 250</b>

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

	2014	2015	2016	2017	2018*	2019*
	1,000 full-time equivalent jobs					
<b>Industries</b>						
Agriculture, forestry and fishing	164	162	166	170	174	175
Mining and quarrying	10	10	10	8	8	8
Manufacturing	694	698	703	710	725	742
Manufacture of food, beverages and tobacco	113	113	115	117	120	125
Manufacture of textile-, leatherproducts	15	15	15	15	15	15
Manufacture of paper-, wood products, printing	48	47	48	47	47	47
Manufacture of coke and petroleum	5	5	5	5	5	5
Manufacture of chemicals	41	41	41	41	42	43
Manufacture of pharmaceuticals	12	12	12	13	13	13
Manufacture of plastic and building material	48	48	49	51	51	52
Manufacture of basic metals and -products	99	102	103	104	107	109
Manufacture of electronic products	24	24	23	23	25	26
Manufacture of electrical equipment	20	20	21	20	21	22
Manufacture of machinery n.e.c.	74	75	76	79	81	85
Manufacture of transport equipment	34	36	37	37	41	43
Other manufacturing and repair	160	160	157	157	157	156
Electricity and gas supply	25	26	25	25	26	26
Water supply and waste management	30	30	31	32	33	34
Construction	431	431	439	455	472	490
Construction buildings, development	141	142	147	154	161	168
Civil engineering	56	54	52	53	54	56
Specialised construction activities	234	235	240	247	257	266
Trade, transport, hotels, catering	1 576	1 604	1 644	1 688	1 746	1 782
Sale and repair of motor vehicles	122	121	124	127	130	131
Wholesale trade (no motor vehicles)	424	432	441	449	460	468
Retail trade (not in motor vehicles)	468	474	482	494	510	520
Land transport	161	164	168	172	177	179
Water transport	19	19	19	19	19	18
Air transport	22	22	22	23	24	24
Warehousing and support activities for transportation	77	80	83	87	93	97
Postal and courier activities	40	38	37	37	40	40
Accommodation and food service activities	244	255	267	281	294	304
Information and communication	247	256	265	277	290	300
Publishing, audiovisual and broadcasting activities	48	48	49	50	51	51
Telecommunications	29	28	29	30	28	26
IT- and information services	170	179	188	198	211	223
Financial and insurance activities	211	206	201	194	190	189
Financial activities, no insurance and pension funding	107	100	98	91	89	89
Insurance and pension funding	60	59	58	56	54	53
Other financial services	44	46	45	46	47	46
Real estate activities	61	62	62	63	63	65
Business services	1 282	1 349	1 414	1 485	1 554	1 577
Management, technical consultancy	442	453	464	474	491	506
Research and development	30	32	34	35	36	37
Advertising, design and other services	112	118	120	124	129	134
Renting and leasing of tangible goods	28	29	30	31	34	35
Employment activities	402	444	486	535	572	569
Travel agencies, tour operators etc.	18	19	20	21	22	22
Other business services	251	254	260	265	270	273
Government and care	1 883	1 869	1 878	1 901	1 939	1 998
Public administration and defence; compulsory social security	453	447	445	448	452	461
Education	411	414	423	427	435	444
Human health activities	446	445	449	456	470	475
Social work activities	573	563	561	570	582	618
Culture, recreation, other services	312	312	321	333	344	352
Arts, entertainment and recreation	130	132	136	141	147	152
Other service activities	167	165	170	175	179	181
Households with domestic personnel	15	14	15	17	18	19
<b>Labour input of employed persons</b>	<b>6 927</b>	<b>7 015</b>	<b>7 159</b>	<b>7 340</b>	<b>7 563</b>	<b>7 736</b>

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

	2014	2015	2016	2017	2018*	2019*
	million hours					
<b>Industries</b>						
Agriculture, forestry and fishing	376	372	383	391	398	401
Mining and quarrying	20	20	19	16	15	15
Manufacturing	1 251	1 248	1 260	1 264	1 287	1 319
Manufacture of food, beverages and tobacco	204	203	207	210	213	224
Manufacture of textile-, leatherproducts	27	27	27	26	28	28
Manufacture of paper-, wood products, printing	87	85	86	84	83	83
Manufacture of coke and petroleum	9	9	9	9	9	9
Manufacture of chemicals	73	72	73	73	74	76
Manufacture of pharmaceuticals	22	22	22	22	22	23
Manufacture of plastic and building material	87	87	89	91	92	93
Manufacture of basic metals and -products	186	187	189	190	196	199
Manufacture of electronic products	43	43	41	41	43	46
Manufacture of electrical equipment	36	35	38	35	38	39
Manufacture of machinery n.e.c.	139	138	140	143	145	152
Manufacture of transport equipment	63	64	66	67	72	75
Other manufacturing and repair	277	276	274	273	272	272
Electricity and gas supply	44	44	43	45	46	46
Water supply and waste management	58	57	58	60	63	63
Construction	824	827	842	867	894	922
Construction buildings, development	267	272	278	293	302	314
Civil engineering	109	102	99	102	103	108
Specialised construction activities	449	453	464	473	488	500
Trade, transport, hotels, catering	2 985	3 022	3 096	3 152	3 238	3 298
Sale and repair of motor vehicles	230	230	236	241	246	248
Wholesale trade (no motor vehicles)	786	796	814	824	841	855
Retail trade (not in motor vehicles)	869	882	893	906	927	943
Land transport	331	334	347	350	356	360
Water transport	37	36	36	36	36	36
Air transport	38	38	38	38	38	40
Warehousing and support activities for transportation	141	145	152	157	167	174
Postal and courier activities	72	68	67	67	71	72
Accommodation and food service activities	480	493	513	533	555	571
Information and communication	456	468	485	503	523	540
Publishing, audiovisual and broadcasting activities	87	86	87	89	90	91
Telecommunications	52	51	52	52	49	46
IT- and information services	317	331	346	362	383	403
Financial and insurance activities	364	353	346	335	329	330
Financial activities, no insurance and pension funding	181	169	166	155	152	154
Insurance and pension funding	103	100	98	97	92	92
Other financial services	80	84	81	83	85	84
Real estate activities	109	108	109	111	112	114
Business services	2 355	2 475	2 593	2 722	2 821	2 859
Management, technical consultancy	822	844	869	879	905	931
Research and development	53	57	59	62	63	65
Advertising, design and other services	220	233	237	243	249	256
Renting and leasing of tangible goods	52	54	55	58	63	65
Employment activities	716	792	866	961	1 016	1 014
Travel agencies, tour operators etc.	33	35	36	38	39	39
Other business services	458	461	470	480	486	489
Government and care	3 018	2 987	3 016	3 064	3 131	3 227
Public administration and defence; compulsory social security	738	719	717	718	734	753
Education	657	664	682	693	706	720
Human health activities	739	735	743	756	777	787
Social work activities	885	869	874	897	915	967
Culture, recreation, other services	578	578	604	625	641	652
Arts, entertainment and recreation	248	247	260	271	279	285
Other service activities	305	307	318	326	332	334
Households with domestic personnel	25	24	25	28	30	32
<b>Labour input of employed persons</b>	<b>12 438</b>	<b>12 559</b>	<b>12 854</b>	<b>13 156</b>	<b>13 496</b>	<b>13 787</b>

### A 4.3 Labour input by industry, in hours worked

	2014	2015	2016	2017	2018	2019*
	million hours					
<b>Labour input of employed persons by industry, in hours worked <sup>1)</sup></b>	12 438	12 559	12 854	13 156	13 496	13 787
Agriculture, forestry and fishing	376	372	383	391	398	401
Mining and quarrying	20	20	19	16	15	15
Manufacturing	1 251	1 248	1 260	1 264	1 287	1 319
Electricity and gas supply	44	44	43	45	46	46
Water supply and waste management	58	57	58	60	63	63
Construction	824	827	842	867	894	922
Trade, transport, hotels, catering	2 985	3 022	3 096	3 152	3 238	3 298
Information and communication	456	468	485	503	523	540
Financial and insurance activities	364	353	346	335	329	330
Real estate activities	109	108	109	111	112	114
Business services	2 355	2 475	2 593	2 722	2 821	2 859
Government and care	3 018	2 987	3 016	3 064	3 131	3 227
Culture, recreation, other services	578	578	604	625	641	652
<b>Labour input of employees by industry, in hours worked</b>	9 870	9 918	10 140	10 389	10 686	10 964
Agriculture, forestry and fishing	137	134	138	143	148	153
Mining and quarrying	20	20	18	16	15	14
Manufacturing	1 160	1 153	1 159	1 163	1 185	1 216
Electricity and gas supply	43	43	42	44	45	46
Water supply and waste management	57	56	57	59	61	62
Construction	506	492	488	504	522	546
Trade, transport, hotels, catering	2 370	2 395	2 470	2 532	2 611	2 671
Information and communication	371	381	394	411	429	446
Financial and insurance activities	351	341	334	322	316	317
Real estate activities	89	88	89	90	90	93
Business services	1 798	1 890	2 001	2 115	2 205	2 240
Government and care	2 666	2 629	2 647	2 676	2 735	2 827
Culture, recreation, other services	302	297	303	313	324	333
<b>Labour input of self-employed persons by industry, in hours worked <sup>1)</sup></b>	2 569	2 641	2 713	2 768	2 810	2 823
Agriculture, forestry and fishing	240	238	245	248	250	248
Mining and quarrying	0	0	0	0	0	0
Manufacturing	91	95	101	101	102	103
Electricity and gas supply	1	1	1	1	1	1
Water supply and waste management	1	1	1	1	2	1
Construction	319	335	354	363	372	377
Trade, transport, hotels, catering	615	627	626	620	627	627
Information and communication	85	88	91	92	94	94
Financial and insurance activities	13	12	12	13	13	13
Real estate activities	20	20	20	22	21	21
Business services	557	585	593	607	615	619
Government and care	352	358	369	388	397	400
Culture, recreation, other services	276	281	300	312	317	319

<sup>1)</sup> Data of 2018 and 2019 are provisional.



## A 5 Compensation of employees. wages and salaries by industry

	2014	2015	2016	2017	2018	2019*
	<b>1,000 euro</b>					
<b>Compensation of employees per full-time equivalent job</b>	56.9	56.7	57.4	58.0	59.0	60.5
Agriculture, forestry and fishing	40.4	40.7	41.2	41.7	42.8	43.6
Mining and quarrying	122.4	120.3	117.7	106.2	112.0	108.2
Manufacturing	59.7	59.3	60.8	61.8	62.9	64.6
Electricity and gas supply	81.8	79.2	79.9	81.4	82.7	85.9
Water supply and waste management	61.3	61.1	61.6	62.1	63.7	65.2
Construction	59.4	59.0	60.1	60.4	61.7	62.9
Trade, transport, hotels, catering	48.7	49.0	49.2	49.3	50.1	51.2
Information and communication	71.0	72.2	73.4	74.3	75.9	78.4
Financial and insurance activities	92.2	89.0	91.0	93.7	94.1	95.9
Real estate activities	66.5	65.9	66.0	66.5	68.5	69.9
Business services	55.6	54.3	54.1	54.3	55.1	56.8
Government and care	57.1	57.8	59.2	60.6	61.9	63.4
Culture, recreation, other services	48.3	48.8	49.6	50.5	51.4	52.9
	<b>euro</b>					
<b>Compensation of employees per hour worked</b>	33.3	33.3	33.6	34.0	34.6	35.4
Agriculture, forestry and fishing	22.4	22.7	22.7	22.9	23.4	23.9
Mining and quarrying	63.1	63.2	61.3	54.7	57.9	57.0
Manufacturing	33.6	33.7	34.5	35.3	36.0	36.9
Electricity and gas supply	47.1	46.3	46.6	45.8	46.6	48.1
Water supply and waste management	31.9	32.1	32.6	32.9	33.7	34.9
Construction	32.5	32.6	33.4	33.6	34.4	34.8
Trade, transport, hotels, catering	27.2	27.5	27.5	27.8	28.5	29.1
Information and communication	39.7	40.6	41.3	42.0	43.1	44.5
Financial and insurance activities	54.0	52.3	53.4	54.6	54.8	55.4
Real estate activities	39.6	39.3	39.3	39.7	41.1	41.7
Business services	31.3	30.7	30.5	30.6	31.3	32.1
Government and care	36.7	37.3	38.0	38.8	39.5	40.4
Culture, recreation, other services	28.9	29.2	29.6	29.9	30.5	31.4
	<b>1,000 euro</b>					
<b>Wages and salaries per full-time equivalent job</b>	44.2	44.8	45.3	45.8	46.4	47.4
Agriculture, forestry and fishing	31.9	32.5	32.7	33.3	34.1	34.5
Mining and quarrying	85.1	89.5	92.2	86.9	87.4	88.9
Manufacturing	46.1	47.0	47.9	48.9	49.6	50.8
Electricity and gas supply	64.3	64.1	64.6	65.3	65.8	68.2
Water supply and waste management	46.9	47.6	48.0	48.2	49.0	49.6
Construction	45.6	45.6	46.9	47.3	48.2	49.1
Trade, transport, hotels, catering	38.6	39.3	39.3	39.4	40.0	40.7
Information and communication	57.6	58.7	60.4	61.3	62.5	64.2
Financial and insurance activities	70.1	70.5	71.5	72.1	73.6	75.7
Real estate activities	50.3	50.8	51.4	52.1	53.6	54.6
Business services	44.1	43.9	43.7	44.0	44.4	45.6
Government and care	43.2	44.2	45.4	46.3	46.8	48.0
Culture, recreation, other services	38.6	39.5	40.1	40.9	41.6	42.8
	<b>euro</b>					
<b>Wages and salaries per hour worked</b>	25.8	26.3	26.5	26.8	27.2	27.8
Agriculture, forestry and fishing	17.7	18.1	18.0	18.3	18.6	18.9
Mining and quarrying	43.9	47.0	48.0	44.7	45.2	46.9
Manufacturing	26.0	26.7	27.2	27.9	28.4	29.0
Electricity and gas supply	37.0	37.5	37.6	36.7	37.1	38.2
Water supply and waste management	24.4	25.1	25.4	25.6	26.0	26.6
Construction	24.9	25.2	26.1	26.3	26.8	27.1
Trade, transport, hotels, catering	21.6	22.1	22.0	22.3	22.7	23.1
Information and communication	32.2	33.0	34.0	34.7	35.4	36.4
Financial and insurance activities	41.0	41.4	41.9	42.0	42.9	43.8
Real estate activities	30.0	30.3	30.6	31.1	32.1	32.6
Business services	24.9	24.8	24.7	24.7	25.2	25.8
Government and care	27.8	28.5	29.1	29.7	29.9	30.6
Culture, recreation, other services	23.1	23.6	23.9	24.3	24.7	25.4

## A 6.1 Structure of labour costs

	2014	2015	2016	2017	2018	2019*
	million euros					
Wages and salaries	254 918	260 690	268 805	278 473	290 635	304 715
Employers' social contributions	73 248	69 577	71 781	74 345	79 205	83 688
Actual employers' social contributions	61 955	58 191	59 955	61 404	65 376	69 515
Employers' contributions to pension schemes	26 959	23 102	22 405	22 455	23 218	24 331
Disability Insurance Fund (Aof)	9 691	10 579	12 241	13 185	14 114	15 267
Return to Work Fund (Whk)	1 306	1 502	1 500	1 416	1 555	1 658
General Unemployment Fund (AWf)	3 378	3 330	4 065	4 573	5 211	6 908
Sectoral contributions (SFN)	4 155	3 463	2 938	2 342	2 334	1 475
Executive Fund of the Government (UFO)	675	689	705	696	677	646
Child day care (Wko)	1 052	1 083	1 120	1 153	1 206	1 262
Health care insurance fund (ZvF)	14 739	13 968	14 026	14 355	15 605	16 474
VPL contributions (VPL Law)	0	475	955	1 229	1 456	1 494
Imputed social contributions	11 293	11 386	11 826	12 941	13 829	14 173
Compensation of employees	328 166	330 267	340 586	352 818	369 840	388 403
Final levy	1 138	658	530	569	563	532
Labour costs subsidies (–)	1 532	1 411	1 874	2 245	2 215	2 306
Labour costs	327 772	329 514	339 242	351 142	368 188	386 629

## A 6.2 Wage cost per hour worked, changes

	2014	2015	2016	2017	2018*	2019*
	%					
Labour price index	0.8	0.2	1.0	1.6	2.2	2.3
Structural effect	0.4	–0.1	–0.3	–0.5	–0.3	0.1
Wage cost per hour worked	1.1	0.0	0.7	1.0	1.9	2.4

## A 7.1 Labour productivity by industry per full-time equivalent job <sup>1)</sup>

	2014	2015	2016	2017	2018*	2019*
	1,000 euro					
<b>Value added (gross, basic prices) per full-time equivalent job</b>	87	89	89	90	92	93
Agriculture, forestry and fishing	71	73	75	81	74	76
Mining and quarrying	1 633	1 205	820	912	936	680
Manufacturing	100	107	109	115	118	119
Electricity and gas supply	291	306	309	293	314	363
Water supply and waste management	135	139	136	136	134	135
Construction	60	61	64	66	69	73
Trade, transport, hotels, catering	76	79	79	81	82	84
Information and communication	115	115	117	118	119	121
Financial and insurance activities	254	255	247	249	245	245
Real estate activities	622	641	667	729	800	819
Business services	66	66	66	67	68	71
Government and care	70	70	72	73	75	76
Culture, recreation, other services	46	47	47	47	47	48
	% volume changes					
<b>Value added (gross, basic prices) per full-time equivalent job</b>	1.6	0.4	-0.1	0.4	-0.7	-0.6
Agriculture, forestry and fishing	5.8	3.4	0.0	-2.0	-3.4	0.8
Mining and quarrying	-20.0	-16.6	-0.9	-0.4	-10.3	-14.6
Manufacturing	3.2	0.2	1.4	5.0	1.7	-1.5
Electricity and gas supply	3.5	4.2	1.4	2.1	-1.4	3.5
Water supply and waste management	7.5	6.6	-0.5	-1.1	0.2	-1.5
Construction	5.8	6.8	6.7	3.8	0.9	1.4
Trade, transport, hotels, catering	3.2	0.8	-0.2	0.6	-0.5	0.0
Information and communication	1.5	1.5	1.9	2.0	0.3	0.0
Financial and insurance activities	1.4	2.8	2.6	2.7	0.6	-1.1
Real estate activities	7.2	2.2	-0.3	1.9	1.9	0.8
Business services	0.6	-0.8	-1.4	-0.9	-0.5	0.8
Government and care	1.7	0.9	0.1	0.0	-1.1	-1.8
Culture, recreation, other services	-1.6	1.1	-1.8	-1.6	-0.7	-0.2

<sup>1)</sup> 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 <sup>1)</sup>

	2014	2015	2016	2017	2018*	2019*
	euro					
<b>Value added (gross, basic prices) per hour worked</b>	49	49	49	50	51	52
Agriculture, forestry and fishing	31	32	33	35	32	33
Mining and quarrying	843	633	428	469	483	359
Manufacturing	56	60	61	65	66	67
Electricity and gas supply	167	178	180	164	176	203
Water supply and waste management	70	73	72	72	71	72
Construction	31	32	33	35	36	39
Trade, transport, hotels, catering	40	42	42	43	44	45
Information and communication	62	63	64	65	66	67
Financial and insurance activities	147	149	144	144	141	140
Real estate activities	351	367	382	412	453	462
Business services	36	36	36	36	38	39
Government and care	43	44	45	45	46	47
Culture, recreation, other services	25	25	25	25	25	26
	% volume changes					
<b>Value added (gross, basic prices) per hour worked</b>	0.8	0.7	-0.4	0.6	-0.3	-0.5
Agriculture, forestry and fishing	3.7	3.2	-0.6	-1.7	-3.1	0.7
Mining and quarrying	-20.2	-15.2	-1.7	-1.8	-9.9	-12.8
Manufacturing	2.5	1.0	1.2	5.7	2.1	-1.7
Electricity and gas supply	2.7	5.8	1.2	-1.6	-1.4	3.0
Water supply and waste management	6.5	7.1	0.4	-1.1	0.3	-0.7
Construction	4.2	6.6	6.7	4.4	1.7	1.8
Trade, transport, hotels, catering	2.2	1.3	-0.2	1.5	0.2	0.2
Information and communication	0.6	2.1	2.1	2.8	0.9	0.4
Financial and insurance activities	0.3	3.2	2.6	2.0	0.5	-1.9
Real estate activities	5.9	3.8	-0.3	0.6	2.2	0.4
Business services	0.1	-0.7	-1.3	-0.8	0.4	1.0
Government and care	1.2	1.2	-0.4	-0.4	-1.2	-1.8
Culture, recreation, other services	-1.6	1.1	-3.2	-1.6	0.0	0.5

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

6.

# Sector accounts

## S 1.1 Sector accounts 2016

	Non-financial corporations	Financial corporations	General government	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
million euros							
<b>0. Imports and exports</b>							
R Imports of goods and services							491 044
U Exports of goods and services							563 377
<b>1. Production account</b>							
R Output (basic prices)	959 410	81 852	126 164	192 820		1 360 246	
Taxes on products (excl. VAT)					26 655	26 655	
Value added type taxes (VAT)					47 849	47 849	
U Intermediate consumption (excl. deductible VAT)	553 103	32 711	42 765	96 843		725 422	
Subsidies on products					951	951	
Value added (gross) <sup>1)</sup>	406 307	49 141	83 399	95 977	73 513	708 337	
<b>2.1 Income account (generation of income)</b>							
R Value added (gross) <sup>1)</sup>	406 307	49 141	83 399	95 977	73 513	708 337	
Subsidies						9 321	
Subsidies on products					991	991	
Other subsidies on production	6 688	46	41	1 555		8 330	
U Compensation of employees	245 789	17 673	60 176	16 948		340 586	1 796
Taxes on production and imports						84 725	
Taxes on products (excl. VAT)					26 655	26 655	
Value added type taxes (VAT)					47 849	47 849	
Other taxes on production	5 570	1 554	927	2 170		10 221	
Consumption of fixed capital	64 663	4 268	22 337	26 644		117 912	
Operating surplus / mixed income (net)	96 973	25 692	0	51 770		174 435	
<b>2.2 Income account (primary distribution)</b>							
R Operating surplus / mixed income (net)	96 973	25 692	0	51 770		174 435	
Compensation of employees				333 541		333 541	8 841
Taxes on production and imports			81 627			81 627	3 098
Property income	85 302	261 661	8 349	57 057		412 369	258 903
U Property income	129 015	270 319	8 393	6 401		414 128	257 144
Subsidies			7 894			7 894	1 427
Primary income/national income (net)	53 260	17 034	73 689	435 967		579 950	
<b>2.3 Income account (secondary distribution)</b>							
R Primary income/national income (net)	53 260	17 034	73 689	435 967		579 950	
Current taxes on income and wealth	0	0	81 566	0		81 566	3 673
Social contributions	7 713	61 988	107 486	276		177 463	435
Social benefits (in cash)	0	0	0	125 033		125 033	2 783
Other current transfers	5 531	18 719	120 110	24 461		168 821	11 263
U Current taxes on income and wealth	18 840	4 140	20	56 755		79 755	5 484
Social contributions	0	0	0	174 659		174 659	3 239
Social benefits (in cash)	7 713	39 995	79 592	276		127 576	240
Other current transfers	7 963	18 890	124 902	24 097		175 852	4 232
Disposable income (net)	31 988	34 716	178 337	329 950		574 991	
<b>2.4 Income account (use of income)</b>							
R Disposable income (net)	31 988	34 716	178 337	329 950		574 991	
Adjustment for the change in pension entitlements	0	0	0	22 199		22 199	– 206
U Final consumption expenditure	0	0	174 842	316 041		490 883	
Adjustment for the change in pension entitlements	0	21 993	0	0		21 993	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	31 988	12 723	3 495	36 108		84 314	– 57 105
<b>3.1 Capital account (capital transfers)</b>							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	31 988	12 723	3 495	36 108		84 314	– 57 105
Capital transfers	1 698	151	8 216	8 155		18 220	2 043
U Capital transfers	11	17	11 286	7 926		19 240	1 023
Net saving and capital transfers	33 675	12 857	425	36 337		83 294	– 56 085
<b>3.2 Capital account (capital accumulation)</b>							
R Net saving and capital transfers	33 675	12 857	425	36 337		83 294	– 56 085
Consumption of fixed capital	64 663	4 268	22 337	26 644		117 912	
U Capital formation (gross)	75 933	4 105	24 611	40 472		145 121	
Acquisitions less disposals of non-produced non-financial assets	1 264	378	– 1 997	512		157	– 157
Net lending / net borrowing	21 141	12 642	148	21 997		55 928	– 55 928
<b>4. Financial account</b>							
A Change in assets	208 995	409 906	– 4 760	25 341		639 482	349 589
P Change in liabilities	183 906	397 264	– 5 565	8 102		583 707	405 364
Changes in financial net worth	25 089	12 642	805	17 239		55 775	– 55 775
Net lending / net borrowing	21 141	12 642	148	21 997		55 928	– 55 928
Statistical discrepancy	3 948	0	657	– 4 758		– 153	153

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

## S 1.1 Sector accounts 2017

	Non-financial corporations	Financial corporations	General government	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
million euros							
<b>0. Imports and exports</b>							
R Imports of goods and services							536 163
U Exports of goods and services							615 553
<b>1. Production account</b>							
R Output (basic prices)	1 019 686	79 919	128 916	202 491		1 431 012	
Taxes on products (excl. VAT)					27 873	27 873	
Value added type taxes (VAT)					49 833	49 833	
U Intermediate consumption (excl. deductible VAT)	593 923	32 413	43 339	99 771		769 446	
Subsidies on products					1 090	1 090	
Value added (gross) <sup>1)</sup>	425 763	47 506	85 577	102 720	76 580	738 146	
<b>2.1 Income account (generation of income)</b>							
R Value added (gross) <sup>1)</sup>	425 763	47 506	85 577	102 720	76 580	738 146	
Subsidies						10 058	
Subsidies on products					1 126	1 126	
Other subsidies on production	7 124	42	95	1 671		8 932	
U Compensation of employees	256 195	17 421	61 827	17 375		352 818	1 825
Taxes on production and imports						88 314	
Taxes on products (excl. VAT)					27 873	27 873	
Value added type taxes (VAT)					49 833	49 833	
Other taxes on production	5 825	1 592	929	2 262		10 608	
Consumption of fixed capital	66 699	4 457	22 916	27 380		121 452	
Operating surplus / mixed income (net)	104 168	24 078	0	57 374		185 620	
<b>2.2 Income account (primary distribution)</b>							
R Operating surplus / mixed income (net)	104 168	24 078	0	57 374		185 620	
Compensation of employees				345 296		345 296	9 347
Taxes on production and imports			85 175			85 175	3 139
Property income	89 588	257 248	8 242	55 629		410 707	245 348
U Property income	119 655	261 893	7 629	6 801		395 978	260 077
Subsidies			8 561			8 561	1 497
Primary income/national income (net)	74 101	19 433	77 227	451 498		622 259	
<b>2.3 Income account (secondary distribution)</b>							
R Primary income/national income (net)	74 101	19 433	77 227	451 498		622 259	
Current taxes on income and wealth	0	0	93 533	0		93 533	4 076
Social contributions	8 610	61 856	105 535	333		176 334	447
Social benefits (in cash)	0	0	0	127 876		127 876	2 909
Other current transfers	6 314	18 457	120 503	25 663		170 937	11 247
U Current taxes on income and wealth	18 920	4 631	41	68 250		91 842	5 767
Social contributions	0	0	0	173 348		173 348	3 433
Social benefits (in cash)	8 610	41 291	80 311	333		130 545	240
Other current transfers	7 821	18 349	126 635	25 465		178 270	3 914
Disposable income (net)	53 674	35 475	189 811	337 974		616 934	
<b>2.4 Income account (use of income)</b>							
R Disposable income (net)	53 674	35 475	189 811	337 974		616 934	
Adjustment for the change in pension entitlements	0	0	0	20 813		20 813	- 248
U Final consumption expenditure	0	0	179 491	327 261		506 752	
Adjustment for the change in pension entitlements	0	20 565	0	0		20 565	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	53 674	14 910	10 320	31 526		110 430	- 79 878
<b>3.1 Capital account (capital transfers)</b>							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	53 674	14 910	10 320	31 526		110 430	- 79 878
Capital transfers	523	88	8 440	8 299		17 350	1 344
U Capital transfers	15	15	9 605	8 061		17 696	998
Net saving and capital transfers	54 182	14 983	9 155	31 764		110 084	- 79 532
<b>3.2 Capital account (capital accumulation)</b>							
R Net saving and capital transfers	54 182	14 983	9 155	31 764		110 084	- 79 532
Consumption of fixed capital	66 699	4 457	22 916	27 380		121 452	
U Capital formation (gross)	78 835	5 659	25 380	42 130		152 004	
Acquisitions less disposals of non-produced non-financial assets	1 067	1 012	- 2 611	510		- 22	22
Net lending / net borrowing	40 979	12 769	9 302	16 504		79 554	- 79 554
<b>4. Financial account</b>							
A Change in assets	96 433	256 465	- 5 968	28 180		375 110	188 191
P Change in liabilities	56 405	243 696	- 15 390	14 147		298 858	264 443
Changes in financial net worth	40 028	12 769	9 422	14 033		76 252	- 76 252
Net lending / net borrowing	40 979	12 769	9 302	16 504		79 554	- 79 554
Statistical discrepancy	- 951	0	120	- 2 471		- 3 302	3 302

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

## S 1.1 Sector accounts 2018

	Non-financial corporations	Financial corporations	General government	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
million euros							
<b>0. Imports and exports</b>							
R Imports of goods and services							573 832
U Exports of goods and services							655 439
<b>1. Production account</b>							
R Output (basic prices)	1 083 833	81 789	134 603	214 255		1 514 480	
Taxes on products (excl. VAT)					29 857	29 857	
Value added type taxes (VAT)					52 712	52 712	
U Intermediate consumption (excl. deductible VAT)	636 148	35 886	46 105	103 709		821 848	
Subsidies on products					1 196	1 196	
Value added (gross) <sup>1)</sup>	447 685	45 903	88 498	110 546	81 355	773 987	
<b>2.1 Income account (generation of income)</b>							
R Value added (gross) <sup>1)</sup>	447 685	45 903	88 498	110 546	81 355	773 987	
Subsidies						10 609	
Subsidies on products					1 214	1 214	
Other subsidies on production	7 521	41	93	1 740		9 395	
U Compensation of employees	270 651	17 172	63 946	18 071		369 840	1 933
Taxes on production and imports						93 872	
Taxes on products (excl. VAT)					29 857	29 857	
Value added type taxes (VAT)					52 712	52 712	
Other taxes on production	6 288	1 714	931	2 370		11 303	
Consumption of fixed capital	69 916	4 762	23 714	29 064		127 456	
Operating surplus / mixed income (net)	108 351	22 296	0	62 781		193 428	
<b>2.2 Income account (primary distribution)</b>							
R Operating surplus / mixed income (net)	108 351	22 296	0	62 781		193 428	
Compensation of employees				361 477		361 477	10 296
Taxes on production and imports			90 505			90 505	3 367
Property income	112 846	285 950	7 874	58 038		464 708	281 359
U Property income	152 348	277 554	7 163	8 601		445 666	300 401
Subsidies			9 101			9 101	1 508
Primary income/national income (net)	68 849	30 692	82 115	473 695		655 351	
<b>2.3 Income account (secondary distribution)</b>							
R Primary income/national income (net)	68 849	30 692	82 115	473 695		655 351	
Current taxes on income and wealth	0	0	96 651	0		96 651	4 270
Social contributions	9 247	64 197	111 734	351		185 529	459
Social benefits (in cash)	0	0	0	129 860		129 860	3 005
Other current transfers	6 466	17 933	126 155	25 936		176 490	13 622
U Current taxes on income and wealth	20 699	5 339	8	68 119		94 165	6 756
Social contributions	0	0	0	182 353		182 353	3 635
Social benefits (in cash)	9 247	42 134	80 893	351		132 625	240
Other current transfers	7 976	18 764	133 945	25 460		186 145	3 967
Disposable income (net)	46 640	46 585	201 809	353 559		648 593	
<b>2.4 Income account (use of income)</b>							
R Disposable income (net)	46 640	46 585	201 809	353 559		648 593	
Adjustment for the change in pension entitlements	0	0	0	22 263		22 263	– 200
U Final consumption expenditure	0	0	188 611	341 560		530 171	
Adjustment for the change in pension entitlements	0	22 063	0	0		22 063	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	46 640	24 522	13 198	34 262		118 622	– 83 869
<b>3.1 Capital account (capital transfers)</b>							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	46 640	24 522	13 198	34 262		118 622	– 83 869
Capital transfers	1 806	90	8 063	8 704		18 663	1 310
U Capital transfers	0	13	10 820	8 074		18 907	1 066
Net saving and capital transfers	48 446	24 599	10 441	34 892		118 378	– 83 625
<b>3.2 Capital account (capital accumulation)</b>							
R Net saving and capital transfers	48 446	24 599	10 441	34 892		118 378	– 83 625
Consumption of fixed capital	69 916	4 762	23 714	29 064		127 456	
U Capital formation (gross)	83 528	5 148	26 392	47 141		162 209	
Acquisitions less disposals of non-produced non-financial assets	1 648	770	– 2 848	700		270	– 270
Net lending / net borrowing	33 186	23 443	10 611	16 115		83 355	– 83 355
<b>4. Financial account</b>							
A Change in assets	– 21 360	– 421 514	– 326	31 548		– 411 652	– 324 996
P Change in liabilities	– 54 349	– 444 957	– 11 126	11 797		– 498 635	– 238 013
Changes in financial net worth	32 989	23 443	10 800	19 751		86 983	– 86 983
Net lending / net borrowing	33 186	23 443	10 611	16 115		83 355	– 83 355
Statistical discrepancy	– 197	0	189	3 636		3 628	– 3 628

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

## S 1.1 Sector accounts 2019\*

	Non-financial corpo- rations	Financial corpo- rations	General govern- ment	Households including NPI's serving households	Not sectorized	Total economy	Rest of the world
million euros							
<b>0. Imports and exports</b>							
R Imports of goods and services							590 651
U Exports of goods and services							675 153
<b>1. Production account</b>							
R Output (basic prices)	1 112 017	82 426	139 859	224 791		1 559 093	
Taxes on products (excl. VAT)					31 266	31 266	
Value added type taxes (VAT)					58 131	58 131	
U Intermediate consumption (excl. deductible VAT)	643 841	36 743	47 716	108 643		836 943	
Subsidies on products					1 299	1 299	
Value added (gross) <sup>1)</sup>	468 176	45 683	92 143	116 148	88 097	810 247	
<b>2.1 Income account (generation of income)</b>							
R Value added (gross) <sup>1)</sup>	468 176	45 683	92 143	116 148	88 097	810 247	
Subsidies						11 073	
Subsidies on products					1 300	1 300	
Other subsidies on production	7 842	37	91	1 803		9 773	
U Compensation of employees	285 165	17 443	66 740	19 055		388 403	1 989
Taxes on production and imports						100 905	
Taxes on products (excl. VAT)					31 266	31 266	
Value added type taxes (VAT)					58 131	58 131	
Other taxes on production	6 413	1 800	906	2 389		11 508	
Consumption of fixed capital	72 849	4 992	24 588	30 947		133 376	
Operating surplus / mixed income (net)	111 591	21 485	0	65 560		198 636	
<b>2.2 Income account (primary distribution)</b>							
R Operating surplus / mixed income (net)	111 591	21 485	0	65 560		198 636	
Compensation of employees				378 025		378 025	12 367
Taxes on production and imports			97 337			97 337	3 568
Property income	105 714	280 657	6 390	60 951		453 712	284 195
U Property income	137 883	286 784	6 404	7 031		438 102	299 805
Subsidies			9 567			9 567	1 506
Primary income/national income (net)	79 422	15 358	87 756	497 505		680 041	
<b>2.3 Income account (secondary distribution)</b>							
R Primary income/national income (net)	79 422	15 358	87 756	497 505		680 041	
Current taxes on income and wealth	0	0	106 888	0		106 888	5 626
Social contributions	9 466	70 558	113 141	316		193 481	473
Social benefits (in cash)	0	0	0	133 377		133 377	3 292
Other current transfers	6 560	18 878	133 906	25 979		185 323	14 248
U Current taxes on income and wealth	24 798	4 599	40	75 190		104 627	7 887
Social contributions	0	0	0	189 645		189 645	4 309
Social benefits (in cash)	9 466	43 635	83 012	316		136 429	240
Other current transfers	8 637	18 973	143 069	24 994		195 673	3 898
Disposable income (net)	52 547	37 587	215 570	367 032		672 736	
<b>2.4 Income account (use of income)</b>							
R Disposable income (net)	52 547	37 587	215 570	367 032		672 736	
Adjustment for the change in pension entitlements	0	0	0	27 155		27 155	- 232
U Final consumption expenditure	0	0	198 562	354 742		553 304	
Adjustment for the change in pension entitlements	0	26 923	0	0		26 923	
Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	52 547	10 664	17 008	39 445		119 664	- 80 599
<b>3.1 Capital account (capital transfers)</b>							
R Saving (net) / surplus on current transactions of the rest of the world with the Netherlands	52 547	10 664	17 008	39 445		119 664	- 80 599
Capital transfers	1 219	66	7 467	8 405		17 157	1 357
U Capital transfers	10	11	9 785	7 693		17 499	1 015
Net saving and capital transfers	53 756	10 719	14 690	40 157		119 322	- 80 257
<b>3.2 Capital account (capital accumulation)</b>							
R Net saving and capital transfers	53 756	10 719	14 690	40 157		119 322	- 80 257
Consumption of fixed capital	72 849	4 992	24 588	30 947		133 376	
U Capital formation (gross)	87 580	5 783	27 377	51 701		172 441	
Acquisitions less disposals of non-produced non-financial assets	856	641	- 2 026	398		- 131	131
Net lending / net borrowing	38 169	9 287	13 927	19 005		80 388	- 80 388
<b>4. Financial account</b>							
A Change in assets	97 017	116 868	4 392	33 437		251 714	99 399
P Change in liabilities	58 228	107 581	- 9 493	12 261		168 577	182 536
Changes in financial net worth	38 789	9 287	13 885	21 176		83 137	- 83 137
Net lending / net borrowing	38 169	9 287	13 927	19 005		80 388	- 80 388
Statistical discrepancy	620	0	- 42	2 171		2 749	- 2 749

<sup>1)</sup> 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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Resources</b>						
Output	1 303 026	1 338 856	1 360 246	1 431 012	1 514 480	1 559 093
Market output	1 130 884	1 163 711	1 182 481	1 248 888	1 324 858	1 360 127
Financial intermediation services indirectly measured (FISIM)	36 784	36 452	34 746	32 757	29 743	28 930
Other market output	1 094 100	1 127 259	1 147 735	1 216 131	1 295 115	1 331 197
Output for own final use	54 516	57 267	59 053	60 827	62 972	66 984
Own-account capital formation	15 194	15 974	16 559	17 110	17 054	18 632
Output for own final consumption	39 322	41 293	42 494	43 717	45 918	48 352
Non-market output	117 626	117 878	118 712	121 297	126 650	131 982
Payments for non-market output	10 426	10 980	11 144	11 202	11 439	11 485
Other non-market output	107 200	106 898	107 568	110 095	115 211	120 497
Compensation of employees	321 512	323 579	333 541	345 296	361 477	378 025
Wages and salaries	249 526	255 152	262 959	272 309	283 794	296 415
Employers' social contributions	71 986	68 427	70 582	72 987	77 683	81 610
Taxes on production and imports	75 663	76 313	81 627	85 175	90 505	97 337
Taxes on products	65 044	67 233	71 908	75 043	79 822	86 461
Value added type taxes (VAT)	42 951	44 746	47 849	49 833	52 712	58 131
Taxes and duties on imports excluding VAT	7 311	6 839	8 339	8 990	9 679	9 804
Other taxes on products	14 782	15 648	15 720	16 220	17 431	18 526
Other taxes on production	10 619	9 080	9 719	10 132	10 683	10 876
Subsidies	8 461	8 640	9 321	10 058	10 609	11 073
Subsidies on products	714	723	991	1 126	1 214	1 300
Other subsidies on production	7 747	7 917	8 330	8 932	9 395	9 773
Property income	441 974	417 327	412 369	410 707	464 708	453 712
Interest	121 118	117 677	104 943	102 301	106 480	101 445
Adjustment FISIM	-42 083	-44 726	-42 362	-36 454	-29 567	-33 566
Actual interest payments/receipts	163 201	162 403	147 305	138 755	136 047	135 011
Distributed income of corporations	255 799	222 529	240 809	244 265	276 201	259 802
Dividends	253 792	220 600	239 206	242 358	274 203	257 880
Withdrawals from income of quasi-corporations	2 007	1 929	1 603	1 907	1 998	1 922
Reinvested earnings on foreign direct investment	-3 698	6 862	709	1 029	19 569	27 093
Other investment income	58 493	64 417	62 135	59 142	59 132	63 603
Investment income attributable to insurance policy holders	6 218	5 529	4 925	4 025	3 611	3 315
Investment income payable on pension entitlements	30 632	34 212	34 217	32 101	32 177	36 136
Investment income attributable to investment fund shareholders	21 643	24 676	22 993	23 016	23 344	24 152
Income from land and subsoil assets	10 262	5 842	3 773	3 970	3 326	1 769
Current taxes on income, wealth, etc.	70 773	77 760	81 566	93 533	96 651	106 888
Current taxes on income	63 392	70 304	73 993	85 761	88 769	98 904
Current taxes on wealth	7 381	7 456	7 573	7 772	7 882	7 984
Social contributions and benefits	295 403	292 139	302 496	304 210	315 389	326 858
Net social contributions	172 683	169 653	177 463	176 334	185 529	193 481
Social benefits other than social transfers in kind	122 720	122 486	125 033	127 876	129 860	133 377
Other current transfers	158 002	166 145	168 821	170 937	176 490	185 323
Net non-life insurance premiums	16 254	16 229	16 364	15 967	15 902	16 549
Non-life insurance claims	15 564	15 292	15 023	16 167	15 651	16 208
Current transfers within general government	105 596	113 798	116 772	117 285	122 450	130 801
Current international cooperation	127	222	249	301	270	256
Miscellaneous current transfers	20 461	20 604	20 413	21 217	22 217	21 509
VAT- and GNI-based EU own resources	0	0	0	0	0	0
Adjustment for the change in pension entitlements	23 423	23 279	22 199	20 813	22 263	27 155
Capital transfers	18 693	20 337	18 220	17 350	18 663	17 157
Capital taxes	1 525	1 614	1 846	1 841	1 731	1 627
Investment grants	7 212	8 391	6 742	6 689	6 649	6 633
Other capital transfers	9 956	10 332	9 632	8 820	10 283	8 897
<b>Total resources</b>	<b>2 716 930</b>	<b>2 744 375</b>	<b>2 790 406</b>	<b>2 889 091</b>	<b>3 071 235</b>	<b>3 162 621</b>
<b>Balancing items</b>						
Domestic product (gross) / value added (gross)	671 560	690 008	708 337	738 146	773 987	810 247
Domestic product (net) / value added (net)	557 194	574 266	590 425	616 694	646 531	676 871
Operating surplus / mixed income (gross)	273 776	288 951	292 347	307 072	320 884	332 012
Operating surplus / mixed income (net)	159 410	173 209	174 435	185 620	193 428	198 636
Primary income / national income (gross)	669 898	690 537	697 862	743 711	782 807	813 417
Primary income / national income (net)	555 532	574 795	579 950	622 259	655 351	680 041
Disposable income (gross)	660 835	681 540	692 903	738 386	776 049	806 112
Disposable income (net)	546 469	565 798	574 991	616 934	648 593	672 736
Saving (gross)	184 197	198 543	202 226	231 882	246 078	253 040
Saving (net)	69 831	82 801	84 314	110 430	118 622	119 664
Net saving and capital transfers	69 338	82 504	83 294	110 084	118 378	119 322
Net lending / net borrowing	62 559	40 083	55 928	79 554	83 355	80 388
Total financial transactions of assets	275 175	462 360	639 482	375 110	-411 652	251 714
Total financial transactions of liabilities	214 201	421 117	583 707	298 858	-498 635	168 577
Net lending / net borrowing of the financial account	60 974	41 243	55 775	76 252	86 983	83 137
Statistical discrepancy	-1 585	1 160	-153	-3 302	3 628	2 749

<sup>1)</sup> Data of 2018 and 2019 are provisional.

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Uses</b>						
Intermediate consumption	698 212	718 021	725 422	769 446	821 848	836 943
Compensation of employees	328 166	330 267	340 586	352 818	369 840	388 403
Wages and salaries	254 918	260 690	268 805	278 473	290 635	304 715
Employers' social contributions	73 248	69 577	71 781	74 345	79 205	83 688
Taxes on production and imports	78 079	79 430	84 725	88 314	93 872	100 905
Taxes on products	67 460	69 896	74 504	77 706	82 569	89 397
Other taxes on production	10 619	9 534	10 221	10 608	11 303	11 508
Subsidies	7 182	7 042	7 894	8 561	9 101	9 567
Subsidies on products	714	723	951	1 090	1 196	1 299
Other subsidies on production	6 468	6 319	6 943	7 471	7 905	8 268
Property income	435 845	408 591	414 128	395 978	445 666	438 102
Interest	119 638	111 930	99 898	101 713	105 668	98 113
Adjustment FISIM	-43 582	-47 022	-44 860	-38 024	-31 140	-35 460
Actual interest payments/receipts	163 220	158 952	144 758	139 737	136 808	133 573
Distributed income of corporations	200 522	178 359	193 462	194 136	236 575	205 926
Dividends	198 757	176 498	191 576	192 068	234 309	203 383
Withdrawals from income of quasi-corporations	1 765	1 861	1 886	2 068	2 266	2 543
Reinvested earnings on foreign direct investment	50 387	51 714	58 035	40 161	43 989	71 828
Other investment income	55 036	60 746	58 960	55 998	56 108	60 466
Investment income attributable to insurance policy holders	6 372	5 631	4 932	4 033	3 624	3 326
Investment income payable on pension entitlements	30 666	34 246	34 250	32 137	32 212	36 173
Investment income attributable to investment fund shareholders	17 998	20 869	19 778	19 828	20 272	20 967
Income from land and subsoil assets	10 262	5 842	3 773	3 970	3 326	1 769
Current taxes on income, wealth, etc.	68 829	76 248	79 755	91 842	94 165	104 627
Current taxes on income	61 555	68 920	72 327	84 223	86 435	96 804
Current taxes on wealth	7 274	7 328	7 428	7 619	7 730	7 823
Social contributions and benefits	294 812	291 872	302 235	303 893	314 978	326 074
Net social contributions	169 852	166 887	174 659	173 348	182 353	189 645
Social benefits other than social transfers in kind	124 960	124 985	127 576	130 545	132 625	136 429
Other current transfers	169 600	176 921	175 852	178 270	186 145	195 673
Net non-life insurance premiums	15 943	15 887	15 560	15 831	15 710	16 369
Non-life insurance claims	15 858	15 640	15 739	16 239	15 814	16 327
Current transfers within general government	105 596	113 798	116 772	117 285	122 450	130 801
Current international cooperation	2 652	2 736	2 667	2 644	3 286	3 088
Miscellaneous current transfers	23 419	22 843	22 835	22 879	24 040	23 762
VAT- and GNI-based EU own resources	6 132	6 017	2 279	3 392	4 845	5 326
Adjustment for the change in pension entitlements	23 352	23 106	21 993	20 565	22 063	26 923
Final consumption expenditure	476 709	483 170	490 883	506 752	530 171	553 304
Individual consumption expenditure	420 772	427 351	433 259	448 239	468 974	489 428
Social transfers in kind	121 946	121 979	122 829	126 639	133 201	140 676
Social transfers in kind – non-market production	51 263	51 079	49 944	51 582	54 014	56 621
Social transfers in kind – purchased market production	70 683	70 900	72 885	75 057	79 187	84 055
Other individual consumption households	298 826	305 372	310 430	321 600	335 773	348 752
Collective consumption expenditure	55 937	55 819	57 624	58 513	61 197	63 876
Capital transfers	19 186	20 634	19 240	17 696	18 907	17 499
Capital taxes	1 534	1 622	1 855	1 851	1 740	1 636
Investment grants	7 048	7 923	6 339	6 270	6 200	6 223
Other capital transfers	10 604	11 089	11 046	9 575	10 967	9 640
Gross capital formation	120 294	155 079	145 121	152 004	162 209	172 441
Gross fixed capital formation	118 138	152 533	141 675	148 670	158 093	170 099
Consumption of fixed capital	114 366	115 742	117 912	121 452	127 456	133 376
Net fixed capital formation	3 772	36 791	23 763	27 218	30 637	36 723
Changes in inventories including acquisitions less disposals of valuables	2 156	2 546	3 446	3 334	4 116	2 342
Changes in inventories	1 579	2 244	3 140	3 131	3 935	2 329
Acquisitions less disposals of valuables	577	302	306	203	181	13
Acquisitions less disposals of non-produced non-financial assets	851	3 084	157	- 22	270	- 131
<b>Total uses</b>	<b>2 721 117</b>	<b>2 773 465</b>	<b>2 807 991</b>	<b>2 886 117</b>	<b>3 069 235</b>	<b>3 170 330</b>
<b>Key figures</b>						
Gross domestic product (% volume changes)	1.4	2.0	2.2	2.9	2.4	1.7
Gross domestic product per capita (euro)	39 820	40 733	41 593	43 088	44 917	46 713
Gross national income per capita (euro)	39 721	40 764	40 978	43 412	45 429	46 895
Gross disposable income per capita (euro)	39 184	40 233	40 686	43 102	45 036	46 474
Net lending to private sector (% GDP)	4.4	0.2	3.8	4.0	5.6	0.0
Lending to private sector, end of period (% GDP)	268.1	263.9	260.3	250.4	244.2	234.0
Labour input of employed persons (1000 full-time equivalent jobs) <sup>1)</sup>	6 927	7 015	7 159	7 315	7 563	7 736
Labour input of employees (1,000 full-time equivalent jobs)	5 769	5 820	5 929	6 081	6 269	6 424
Average population (x 1,000)	16 865	16 940	17 030	17 131	17 232	17 345

## S 2.2 Transactions of the sector non-financial corporations

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Resources</b>						
Output	913 450	941 983	959 410	1 019 686	1 083 833	1 112 017
Market output	905 888	934 086	951 344	1 011 210	1 075 655	1 102 579
Financial intermediation services indirectly measured (FISIM)	0	0	0	0	0	0
Other market output	905 888	934 086	951 344	1 011 210	1 075 655	1 102 579
Output for own final use	7 562	7 897	8 066	8 476	8 178	9 438
Own-account capital formation	7 562	7 897	8 066	8 476	8 178	9 438
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						
Subsidies	6 062	6 160	6 688	7 124	7 521	7 842
Subsidies on products	0	0	0	0	0	0
Other subsidies on production	6 062	6 160	6 688	7 124	7 521	7 842
Property income	83 150	94 795	85 302	89 588	112 846	105 714
Interest	17 045	18 931	18 417	17 191	17 514	16 687
Adjustment FISIM	– 253	– 898	– 1 251	– 876	– 568	– 1 488
Actual interest payments/receipts	17 298	19 829	19 668	18 067	18 082	18 175
Distributed income of corporations	58 258	74 485	72 921	72 354	93 440	79 790
Dividends	57 841	74 257	72 736	72 160	93 262	79 666
Withdrawals from income of quasi-corporations	417	228	185	194	178	124
Reinvested earnings on foreign direct investment	7 402	1 152	– 6 177	– 150	1 651	8 974
Other investment income	431	214	129	178	230	249
Investment income attributable to insurance policy holders	330	105	93	147	190	207
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders	101	109	36	31	40	42
Income from land and subsoil assets	14	13	12	15	11	14
Current taxes on income, wealth, etc.						
Current taxes on income						
Current taxes on wealth						
Social contributions and benefits	7 302	7 181	7 713	8 610	9 247	9 466
Net social contributions	7 302	7 181	7 713	8 610	9 247	9 466
Social benefits other than social transfers in kind						
Other current transfers	5 731	6 145	5 531	6 314	6 466	6 560
Net non-life insurance premiums						
Non-life insurance claims	3 333	3 341	3 425	3 807	3 822	3 924
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	2 398	2 804	2 106	2 507	2 644	2 636
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Capital transfers	1 599	1 458	1 698	523	1 806	1 219
Capital taxes						
Investment grants	608	718	547	250	478	787
Other capital transfers	991	740	1 151	273	1 328	432
<b>Total resources</b>	<b>1 017 294</b>	<b>1 057 722</b>	<b>1 066 342</b>	<b>1 131 845</b>	<b>1 221 719</b>	<b>1 242 818</b>
<b>Balancing items</b>						
Domestic product (gross) / value added (gross)	384 393	397 334	406 307	425 763	447 685	468 176
Domestic product (net) / value added (net)	322 335	334 103	341 644	359 064	377 769	395 327
Operating surplus / mixed income (gross)	148 833	160 202	161 636	170 867	178 267	184 440
Operating surplus / mixed income (net)	86 775	96 971	96 973	104 168	108 351	111 591
Primary income / national income (gross)	102 636	127 379	117 923	140 800	138 765	152 271
Primary income / national income (net)	40 578	64 148	53 260	74 101	68 849	79 422
Disposable income (gross)	87 829	111 260	96 651	120 373	116 556	125 396
Disposable income (net)	25 771	48 029	31 988	53 674	46 640	52 547
Saving (gross)	87 829	111 260	96 651	120 373	116 556	125 396
Saving (net)	25 771	48 029	31 988	53 674	46 640	52 547
Net saving and capital transfers	27 368	49 486	33 675	54 182	48 446	53 756
Net lending / net borrowing	22 513	17 828	21 141	40 979	33 186	38 169
Total financial transactions of assets	358	168 892	208 995	96 433	– 21 360	97 017
Total financial transactions of liabilities	– 19 579	151 009	183 906	56 405	– 54 349	58 228
Net lending / net borrowing of the financial account	19 937	17 883	25 089	40 028	32 989	38 789
Statistical discrepancy	– 2 576	55	3 948	– 951	– 197	620

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Uses</b>						
Intermediate consumption	529 057	544 649	553 103	593 923	636 148	643 841
Compensation of employees	235 594	237 864	245 789	256 195	270 651	285 165
Wages and salaries	184 952	189 685	195 820	204 687	215 427	226 210
Employers' social contributions	50 642	48 179	49 969	51 508	55 224	58 955
Taxes on production and imports	6 028	5 428	5 570	5 825	6 288	6 413
Taxes on products						
Other taxes on production	6 028	5 428	5 570	5 825	6 288	6 413
Subsidies						
Subsidies on products						
Other subsidies on production						
Property income	129 347	127 618	129 015	119 655	152 348	137 883
Interest	17 686	19 947	18 653	19 632	18 839	18 313
Adjustment FISIM	-10 749	-11 481	-11 258	-9 979	-8 395	-9 056
Actual interest payments/receipts	28 435	31 428	29 911	29 611	27 234	27 369
Distributed income of corporations	79 848	75 221	86 576	81 658	116 885	90 389
Dividends	78 083	73 360	84 690	79 590	114 619	87 846
Withdrawals from income of quasi-corporations	1 765	1 861	1 886	2 068	2 266	2 543
Reinvested earnings on foreign direct investment	21 802	26 862	20 302	14 693	13 605	27 723
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	10 011	5 588	3 484	3 672	3 019	1 458
Current taxes on income, wealth, etc.	12 400	14 167	18 840	18 920	20 699	24 798
Current taxes on income	12 400	14 167	18 840	18 920	20 699	24 798
Current taxes on wealth						
Social contributions and benefits	7 302	7 181	7 713	8 610	9 247	9 466
Net social contributions						
Social benefits other than social transfers in kind	7 302	7 181	7 713	8 610	9 247	9 466
Other current transfers	8 138	8 097	7 963	7 821	7 976	8 637
Net non-life insurance premiums	3 393	3 356	3 300	3 807	3 751	3 842
Non-life insurance claims						
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	4 745	4 741	4 663	4 014	4 225	4 795
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	2	1	11	15	0	10
Capital taxes						
Investment grants						
Other capital transfers	2	1	11	15	0	10
Gross capital formation	64 759	92 782	75 933	78 835	83 528	87 580
Gross fixed capital formation	62 538	90 236	72 500	75 672	79 516	85 492
Consumption of fixed capital	62 058	63 231	64 663	66 699	69 916	72 849
Net fixed capital formation	480	27 005	7 837	8 973	9 600	12 643
Changes in inventories including acquisitions less disposals of valuables	2 221	2 546	3 433	3 163	4 012	2 088
Changes in inventories	1 672	2 286	3 257	3 008	3 880	2 097
Acquisitions less disposals of valuables	549	260	176	155	132	- 9
Acquisitions less disposals of non-produced non-financial assets	2 154	2 107	1 264	1 067	1 648	856
<b>Total uses</b>	<b>994 781</b>	<b>1 039 894</b>	<b>1 045 201</b>	<b>1 090 866</b>	<b>1 188 533</b>	<b>1 204 649</b>
<b>Key figures</b>						
Gross profits before taxes (million euros)	204 286	229 462	224 801	237 151	269 255	270 383
Profits from foreign subsidiaries (million euros)	52 354	63 570	54 439	63 183	80 735	76 130
Profit ratio (% value added)	38.7	40.3	39.8	40.1	39.8	39.4
Capital formation ratio (% value added)	16.3	22.7	17.8	17.8	17.8	18.3
Labour input of employees (1,000 full-time equivalent jobs)	4 264	4 308	4 409	4 563	4 744	4 873

## S 2.3 Transactions of the sector financial corporations

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Resources</b>						
Output	86 134	85 893	81 852	79 919	81 789	82 426
Market output	85 048	84 613	80 450	78 484	80 291	80 915
Financial intermediation services indirectly measured (FISIM)	36 784	36 452	34 746	32 757	29 743	28 930
Other market output	48 264	48 161	45 704	45 727	50 548	51 985
Output for own final use	1 086	1 280	1 402	1 435	1 498	1 511
Own-account capital formation	1 086	1 280	1 402	1 435	1 498	1 511
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						
Subsidies	38	34	46	42	41	37
Subsidies on products	0	0	0	0	0	0
Other subsidies on production	38	34	46	42	41	37
Property income	286 378	252 609	261 661	257 248	285 950	280 657
Interest	96 625	92 783	82 032	80 674	83 930	81 295
Adjustment FISIM	- 39 621	- 40 973	- 38 778	- 34 586	- 29 183	- 31 020
Actual interest payments/receipts	136 246	133 756	120 810	115 260	113 113	112 315
Distributed income of corporations	180 553	131 268	151 080	154 020	162 335	158 901
Dividends	180 350	131 059	151 066	154 011	162 321	158 893
Withdrawals from income of quasi-corporations	203	209	14	9	14	8
Reinvested earnings on foreign direct investment	- 11 128	5 669	6 842	1 044	17 780	17 941
Other investment income	20 328	22 889	21 707	21 510	21 905	22 520
Investment income attributable to insurance policy holders	429	289	301	95	81	117
Investment income payable on pension entitlements						
Investment income attributable to investment fund shareholders	19 899	22 600	21 406	21 415	21 824	22 403
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	63 086	62 395	61 988	61 856	64 197	70 558
Net social contributions	63 086	62 395	61 988	61 856	64 197	70 558
Social benefits other than social transfers in kind						
Other current transfers	19 311	19 034	18 719	18 457	17 933	18 878
Net non-life insurance premiums	16 254	16 229	16 364	15 967	15 902	16 549
Non-life insurance claims	2 712	2 506	2 007	2 142	1 647	1 925
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	345	299	348	348	384	404
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Capital transfers	63	104	151	88	90	66
Capital taxes						
Investment grants	0	0	0	0	0	0
Other capital transfers	63	104	151	88	90	66
<b>Total resources</b>	<b>455 010</b>	<b>420 069</b>	<b>424 417</b>	<b>417 610</b>	<b>450 000</b>	<b>452 622</b>
<b>Balancing items</b>						
Domestic product (gross) / value added (gross)	53 021	51 892	49 141	47 506	45 903	45 683
Domestic product (net) / value added (net)	48 821	47 698	44 873	43 049	41 141	40 691
Operating surplus / mixed income (gross)	32 579	33 194	29 960	28 535	27 058	26 477
Operating surplus / mixed income (net)	28 379	29 000	25 692	24 078	22 296	21 485
Primary income / national income (gross)	30 757	21 112	21 302	23 890	35 454	20 350
Primary income / national income (net)	26 557	16 918	17 034	19 433	30 692	15 358
Disposable income (gross)	50 241	40 388	38 984	39 932	51 347	42 579
Disposable income (net)	46 041	36 194	34 716	35 475	46 585	37 587
Saving (gross)	26 889	17 282	16 991	19 367	29 284	15 656
Saving (net)	22 689	13 088	12 723	14 910	24 522	10 664
Net saving and capital transfers	22 706	13 149	12 857	14 983	24 599	10 719
Net lending / net borrowing	25 224	11 145	12 642	12 769	23 443	9 287
Total financial transactions of assets	246 043	270 234	409 906	256 465	- 421 514	116 868
Total financial transactions of liabilities	220 819	259 089	397 264	243 696	- 444 957	107 581
Net lending / net borrowing of the financial account	25 224	11 145	12 642	12 769	23 443	9 287
Statistical discrepancy	0	0	0	0	0	0

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Uses</b>						
Intermediate consumption	33 113	34 001	32 711	32 413	35 886	36 743
Compensation of employees	18 785	17 667	17 673	17 421	17 172	17 443
Wages and salaries	14 284	14 001	13 880	13 401	13 436	13 772
Employers' social contributions	4 501	3 666	3 793	4 020	3 736	3 671
Taxes on production and imports	1 695	1 065	1 554	1 592	1 714	1 800
Taxes on products						
Other taxes on production	1 695	1 065	1 554	1 592	1 714	1 800
Subsidies						
Subsidies on products						
Other subsidies on production						
Property income	288 200	264 691	270 319	261 893	277 554	286 784
Interest	83 905	75 955	66 740	67 949	71 372	66 676
Adjustment FISIM	- 5 678	- 7 455	- 6 492	- 3 546	- 904	- 3 604
Actual interest payments/receipts	89 583	83 410	73 232	71 495	72 276	70 280
Distributed income of corporations	120 674	103 138	106 886	112 478	119 690	115 537
Dividends	120 674	103 138	106 886	112 478	119 690	115 537
Withdrawals from income of quasi-corporations	0	0	0	0	0	0
Reinvested earnings on foreign direct investment	28 585	24 852	37 733	25 468	30 384	44 105
Other investment income	55 036	60 746	58 960	55 998	56 108	60 466
Investment income attributable to insurance policy holders	6 372	5 631	4 932	4 033	3 624	3 326
Investment income payable on pension entitlements	30 666	34 246	34 250	32 137	32 212	36 173
Investment income attributable to investment fund shareholders	17 998	20 869	19 778	19 828	20 272	20 967
Income from land and subsoil assets						
Current taxes on income, wealth, etc.	4 012	3 992	4 140	4 631	5 339	4 599
Current taxes on income	4 012	3 992	4 140	4 631	5 339	4 599
Current taxes on wealth						
Social contributions and benefits	39 734	39 289	39 995	41 291	42 134	43 635
Net social contributions						
Social benefits other than social transfers in kind	39 734	39 289	39 995	41 291	42 134	43 635
Other current transfers	19 167	18 872	18 890	18 349	18 764	18 973
Net non-life insurance premiums	2 852	2 906	2 764	1 748	1 787	2 247
Non-life insurance claims	15 858	15 640	15 739	16 239	15 814	16 327
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	457	326	387	362	1 163	399
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements	23 352	23 106	21 993	20 565	22 063	26 923
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	46	43	17	15	13	11
Capital taxes						
Investment grants						
Other capital transfers	46	43	17	15	13	11
Gross capital formation	2 402	3 907	4 105	5 659	5 148	5 783
Gross fixed capital formation	2 402	3 907	4 105	5 659	5 148	5 783
Consumption of fixed capital	4 200	4 194	4 268	4 457	4 762	4 992
Net fixed capital formation	- 1 798	- 287	- 163	1 202	386	791
Changes in inventories including acquisitions less disposals of valuables	0	0	0	0	0	0
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	- 720	2 291	378	1 012	770	641
<b>Total uses</b>	<b>429 786</b>	<b>408 924</b>	<b>411 775</b>	<b>404 841</b>	<b>426 557</b>	<b>443 335</b>
<b>Key figures</b>						
Gross profits before taxes (million euros)	30 432	33 881	30 280	36 517	35 658	34 602
Profits from foreign subsidiaries (million euros)	7 075	6 439	6 866	7 845	6 416	6 745
Financial net worth (million euros)	40 501	11 463	- 50 329	- 12 951	- 30 899	- 67 426
Property income received (% total assets)	1.4	1.4	1.2	1.3	1.4	1.2
Property income paid (% total liabilities)	1.1	1.0	0.9	0.9	0.9	0.8
Liquidity ratio of monetary financial institutions (% total assets)	16.5	19.3	20.2	22.8	23.0	22.5
Financial assets of pension funds (million euros)	1 248 211	1 245 090	1 367 403	1 442 204	1 446 018	1 728 816
Labour input of employees (1,000 full-time equivalent jobs)	203	198	193	186	182	182

## S 2.4 Transactions of the sector general government (consolidated)

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Resources</b>						
Output	125 229	125 175	126 164	128 916	134 603	139 859
Market output	7 832	7 389	7 661	7 664	7 797	7 901
Financial intermediation services indirectly measured (FISIM)						
Other market output	7 832	7 389	7 661	7 664	7 797	7 901
Output for own final use	5 472	5 622	5 674	5 888	6 215	6 238
Own-account capital formation	5 472	5 622	5 674	5 888	6 215	6 238
Output for own final consumption						
Non-market output	111 925	112 164	112 829	115 364	120 591	125 720
Payments for non-market output	10 143	10 710	10 872	10 930	11 167	11 213
Other non-market output	101 782	101 454	101 957	104 434	109 424	114 507
Compensation of employees						
Wages and salaries						
Employers' social contributions						
Taxes on production and imports	75 663	76 313	81 627	85 175	90 505	97 337
Taxes on products	65 044	67 233	71 908	75 043	79 822	86 461
Value added type taxes (VAT)	42 951	44 746	47 849	49 833	52 712	58 131
Taxes and duties on imports excluding VAT	7 311	6 839	8 339	8 990	9 679	9 804
Other taxes on products	14 782	15 648	15 720	16 220	17 431	18 526
Other taxes on production	10 619	9 080	9 719	10 132	10 683	10 876
Subsidies	38	37	41	95	93	91
Subsidies on products	0	0	0	0	0	0
Other subsidies on production	38	37	41	95	93	91
Property income	15 928	11 072	8 123	8 029	7 659	6 225
Interest	2 437	2 148	1 719	1 502	1 459	1 524
Adjustment FISIM	3	- 38	- 51	- 41	- 16	- 48
Actual interest payments/receipts	2 434	2 186	1 770	1 543	1 475	1 572
Distributed income of corporations	3 217	3 045	2 587	2 434	2 745	2 773
Dividends	3 217	3 045	2 587	2 434	2 745	2 773
Withdrawals from income of quasi-corporations	0	0	0	0	0	0
Reinvested earnings on foreign direct investment	28	41	44	135	138	178
Other investment income	8	14	16	8	6	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	8	14	16	8	6	0
Income from land and subsoil assets	10 238	5 824	3 757	3 950	3 311	1 750
Current taxes on income, wealth, etc.	70 773	77 760	81 566	93 533	96 651	106 888
Current taxes on income	63 392	70 304	73 993	85 761	88 769	98 904
Current taxes on wealth	7 381	7 456	7 573	7 772	7 882	7 984
Social contributions and benefits	102 015	99 833	107 486	105 535	111 734	113 141
Net social contributions	102 015	99 833	107 486	105 535	111 734	113 141
Social benefits other than social transfers in kind						
Other current transfers	3 042	2 793	3 338	3 218	3 705	3 105
Net non-life insurance premiums	0	0	0	0	0	0
Non-life insurance claims	160	164	164	177	172	179
Current transfers within general government	0	0	0	0	0	0
Current international cooperation	127	222	249	301	270	256
Miscellaneous current transfers	2 755	2 407	2 925	2 740	3 263	2 670
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Capital transfers	1 824	2 327	2 455	2 568	2 450	2 212
Capital taxes	1 525	1 614	1 846	1 841	1 731	1 627
Investment grants	189	494	459	444	475	434
Other capital transfers	110	219	150	283	244	151
<b>Total resources</b>	<b>394 512</b>	<b>395 310</b>	<b>410 800</b>	<b>427 069</b>	<b>447 400</b>	<b>468 858</b>
<b>Balancing items</b>						
Domestic product (gross) / value added (gross)	81 039	81 693	83 399	85 577	88 498	92 143
Domestic product (net) / value added (net)	59 054	59 537	61 062	62 661	64 784	67 555
Operating surplus / mixed income (gross)	21 985	22 156	22 337	22 916	23 714	24 588
Operating surplus / mixed income (net)	0	0	0	0	0	0
Primary income / national income (gross)	96 513	93 501	96 026	100 143	105 829	112 344
Primary income / national income (net)	74 528	71 345	73 689	77 227	82 115	87 756
Disposable income (gross)	182 528	183 383	200 674	212 727	225 523	240 158
Disposable income (net)	160 543	161 227	178 337	189 811	201 809	215 570
Saving (gross)	10 063	11 029	25 832	33 236	36 912	41 596
Saving (net)	- 11 922	- 11 127	3 495	10 320	13 198	17 008
Net saving and capital transfers	- 14 349	- 13 396	425	9 155	10 441	14 690
Net lending / net borrowing	- 14 452	- 13 970	148	9 302	10 611	13 927
Total financial transactions of assets	- 1 711	- 11 665	- 4 760	- 5 968	- 326	4 392
Total financial transactions of liabilities	12 910	2 245	- 5 565	- 15 390	- 11 126	- 9 493
Net lending / net borrowing of the financial account	- 14 621	- 13 910	805	9 422	10 800	13 885
Statistical discrepancy	- 169	60	657	120	189	- 42

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Uses</b>						
Intermediate consumption	44 190	43 482	42 765	43 339	46 105	47 716
Compensation of employees	58 360	58 650	60 176	61 827	63 946	66 740
Wages and salaries	43 413	44 055	45 451	46 348	47 192	49 422
Employers' social contributions	14 947	14 595	14 725	15 479	16 754	17 318
Taxes on production and imports	732	924	927	929	931	906
Taxes on products						
Other taxes on production	732	924	927	929	931	906
Subsidies	7 182	7 042	7 894	8 561	9 101	9 567
Subsidies on products	714	723	951	1 090	1 196	1 299
Other subsidies on production	6 468	6 319	6 943	7 471	7 905	8 268
Property income	9 881	8 998	8 167	7 416	6 948	6 239
Interest	9 857	8 980	8 151	7 396	6 933	6 220
Adjustment FISIM	- 1 474	- 1 517	- 1 530	- 1 356	- 1 152	- 1 282
Actual interest payments/receipts	11 331	10 497	9 681	8 752	8 085	7 502
Distributed income of corporations	0	0	0	0	0	0
Dividends	0	0	0	0	0	0
Withdrawals from income of quasi-corporations	0	0	0	0	0	0
Reinvested earnings on foreign direct investment	0	0	0	0	0	0
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	24	18	16	20	15	19
Current taxes on income, wealth, etc.	17	2	20	41	8	40
Current taxes on income	17	2	20	41	8	40
Current taxes on wealth						
Social contributions and benefits	77 644	78 271	79 592	80 311	80 893	83 012
Net social contributions	0	0	0	0	0	0
Social benefits other than social transfers in kind	77 644	78 271	79 592	80 311	80 893	83 012
Other current transfers	12 154	12 231	8 130	9 350	11 495	12 268
Net non-life insurance premiums	163	167	168	179	174	179
Non-life insurance claims	0	0	0	0	0	0
Current transfers within general government	0	0	0	0	0	0
Current international cooperation	2 652	2 736	2 667	2 644	3 286	3 088
Miscellaneous current transfers	3 207	3 311	3 016	3 135	3 190	3 675
VAT- and GNI-based EU own resources	6 132	6 017	2 279	3 392	4 845	5 326
Adjustment for the change in pension entitlements						
Final consumption expenditure	172 465	172 354	174 842	179 491	188 611	198 562
Individual consumption expenditure	116 528	116 535	117 218	120 978	127 414	134 686
Social transfers in kind	116 528	116 535	117 218	120 978	127 414	134 686
Social transfers in kind – non-market production	45 845	45 635	44 333	45 921	48 227	50 631
Social transfers in kind – purchased market production	70 683	70 900	72 885	75 057	79 187	84 055
Other individual consumption households						
Collective consumption expenditure	55 937	55 819	57 624	58 513	61 197	63 876
Capital transfers	4 251	4 596	5 525	3 733	5 207	4 530
Capital taxes						
Investment grants	857	948	800	475	718	1 036
Other capital transfers	3 394	3 648	4 725	3 258	4 489	3 494
Gross capital formation	23 235	24 417	24 611	25 380	26 392	27 377
Gross fixed capital formation	23 530	24 580	24 696	25 412	26 459	27 291
Consumption of fixed capital	21 985	22 156	22 337	22 916	23 714	24 588
Net fixed capital formation	1 545	2 424	2 359	2 496	2 745	2 703
Changes in inventories including acquisitions less disposals of valuables	- 295	- 163	- 85	- 32	- 67	86
Changes in inventories	- 312	- 181	- 194	- 55	- 92	65
Acquisitions less disposals of valuables	17	18	109	23	25	21
Acquisitions less disposals of non-produced non-financial assets	- 1 147	- 1 687	- 1 997	- 2 611	- 2 848	- 2 026
<b>Total uses</b>	<b>408 964</b>	<b>409 280</b>	<b>410 652</b>	<b>417 767</b>	<b>436 789</b>	<b>454 931</b>
<b>Key figures</b>						
Total revenue (% GDP)	43.6	42.6	43.6	43.7	43.7	43.7
Taxes and social security contributions (% GDP)	36.7	36.5	38.0	38.3	38.4	38.9
Total expenditure (% GDP)	45.7	44.6	43.6	42.4	42.3	42.0
Government debt (EMU) (% GDP)	67.9	64.7	61.9	56.9	52.4	48.7
Balance general government sector (EMU) (% GDP)	- 2.2	- 2.0	0.0	1.3	1.4	1.7
Labour input of employees (1,000 full-time equivalent jobs)	966	959	956	955	957	972



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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Resources</b>						
Output	178 213	185 805	192 820	202 491	214 255	224 791
Market output	132 116	137 623	143 026	151 530	161 115	168 732
Financial intermediation services indirectly measured (FISIM)	0	0	0	0	0	0
Other market output	132 116	137 623	143 026	151 530	161 115	168 732
Output for own final use	40 396	42 468	43 911	45 028	47 081	49 797
Own-account capital formation	1 074	1 175	1 417	1 311	1 163	1 445
Output for own final consumption	39 322	41 293	42 494	43 717	45 918	48 352
Non-market output	5 701	5 714	5 883	5 933	6 059	6 262
Payments for non-market output	283	270	272	272	272	272
Other non-market output	5 418	5 444	5 611	5 661	5 787	5 990
Compensation of employees	321 512	323 579	333 541	345 296	361 477	378 025
Wages and salaries	249 526	255 152	262 959	272 309	283 794	296 415
Employers' social contributions	71 986	68 427	70 582	72 987	77 683	81 610
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						
Subsidies	1 609	1 686	1 555	1 671	1 740	1 803
Subsidies on products	0	0	0	0	0	0
Other subsidies on production	1 609	1 686	1 555	1 671	1 740	1 803
Property income	56 118	58 590	57 057	55 629	58 038	60 951
Interest	4 611	3 554	2 549	2 721	3 362	1 774
Adjustment FISIM	- 2 212	- 2 817	- 2 282	- 951	200	- 1 010
Actual interest payments/receipts	6 823	6 371	4 831	3 672	3 162	2 784
Distributed income of corporations	13 771	13 731	14 221	15 457	17 681	18 338
Dividends	12 384	12 239	12 817	13 753	15 875	16 548
Withdrawals from income of quasi-corporations	1 387	1 492	1 404	1 704	1 806	1 790
Reinvested earnings on foreign direct investment	0	0	0	0	0	0
Other investment income	37 726	41 300	40 283	37 446	36 991	40 834
Investment income attributable to insurance policy holders	5 459	5 135	4 531	3 783	3 340	2 991
Investment income payable on pension entitlements	30 632	34 212	34 217	32 101	32 177	36 136
Investment income attributable to investment fund shareholders	1 635	1 953	1 535	1 562	1 474	1 707
Income from land and subsoil assets	10	5	4	5	4	5
Current taxes on income, wealth, etc.						
Current taxes on income						
Current taxes on wealth						
Social contributions and benefits	123 000	122 730	125 309	128 209	130 211	133 693
Net social contributions	280	244	276	333	351	316
Social benefits other than social transfers in kind	122 720	122 486	125 033	127 876	129 860	133 377
Other current transfers	24 322	24 375	24 461	25 663	25 936	25 979
Net non-life insurance premiums	0	0	0	0	0	0
Non-life insurance claims	9 359	9 281	9 427	10 041	10 010	10 180
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	14 963	15 094	15 034	15 622	15 926	15 799
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements	23 423	23 279	22 199	20 813	22 263	27 155
Capital transfers	7 492	8 006	8 155	8 299	8 704	8 405
Capital taxes						
Investment grants	224	204	197	200	214	225
Other capital transfers	7 268	7 802	7 958	8 099	8 490	8 180
<b>Total resources</b>	<b>735 689</b>	<b>748 050</b>	<b>765 097</b>	<b>788 071</b>	<b>822 624</b>	<b>860 802</b>
<b>Balancing items</b>						
Domestic product (gross) / value added (gross)	86 361	89 916	95 977	102 720	110 546	116 148
Domestic product (net) / value added (net)	60 238	63 755	69 333	75 340	81 482	85 201
Operating surplus / mixed income (gross)	70 379	73 399	78 414	84 754	91 845	96 507
Operating surplus / mixed income (net)	44 256	47 238	51 770	57 374	62 781	65 560
Primary income / national income (gross)	439 992	448 545	462 611	478 878	502 759	528 452
Primary income / national income (net)	413 869	422 384	435 967	451 498	473 695	497 505
Disposable income (gross)	340 237	346 509	356 594	365 354	382 623	397 979
Disposable income (net)	314 114	320 348	329 950	337 974	353 559	367 032
Saving (gross)	59 416	58 972	62 752	58 906	63 326	70 392
Saving (net)	33 293	32 811	36 108	31 526	34 262	39 445
Net saving and capital transfers	33 613	33 265	36 337	31 764	34 892	40 157
Net lending / net borrowing	29 274	25 080	21 997	16 504	16 115	19 005
Total financial transactions of assets	30 485	34 899	25 341	28 180	31 548	33 437
Total financial transactions of liabilities	51	8 774	8 102	14 147	11 797	12 261
Net lending / net borrowing of the financial account	30 434	26 125	17 239	14 033	19 751	21 176
Statistical discrepancy	1 160	1 045	- 4 758	- 2 471	3 636	2 171

<sup>1)</sup> Data of 2018 and 2019 are provisional.

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Uses</b>						
Intermediate consumption	91 852	95 889	96 843	99 771	103 709	108 643
Compensation of employees	15 427	16 086	16 948	17 375	18 071	19 055
Wages and salaries	12 269	12 949	13 654	14 037	14 580	15 311
Employers' social contributions	3 158	3 137	3 294	3 338	3 491	3 744
Taxes on production and imports	2 164	2 117	2 170	2 262	2 370	2 389
Taxes on products						
Other taxes on production	2 164	2 117	2 170	2 262	2 370	2 389
Subsidies						
Subsidies on products						
Other subsidies on production						
Property income	8 017	7 023	6 401	6 801	8 601	7 031
Interest	7 790	6 787	6 128	6 523	8 309	6 739
Adjustment FISIM	- 25 681	- 26 569	- 25 580	- 23 143	- 20 689	- 21 518
Actual interest payments/receipts	33 471	33 356	31 708	29 666	28 998	28 257
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	227	236	273	278	292	292
Current taxes on income, wealth, etc.	52 400	58 087	56 755	68 250	68 119	75 190
Current taxes on income	45 126	50 759	49 327	60 631	60 389	67 367
Current taxes on wealth	7 274	7 328	7 428	7 619	7 730	7 823
Social contributions and benefits	170 132	167 131	174 935	173 681	182 704	189 961
Net social contributions	169 852	166 887	174 659	173 348	182 353	189 645
Social benefits other than social transfers in kind	280	244	276	333	351	316
Other current transfers	24 545	23 923	24 097	25 465	25 460	24 994
Net non-life insurance premiums	9 535	9 458	9 328	10 097	9 998	10 101
Non-life insurance claims						
Current transfers within general government						
Current international cooperation						
Miscellaneous current transfers	15 010	14 465	14 769	15 368	15 462	14 893
VAT- and GNI-based EU own resources						
Adjustment for the change in pension entitlements						
Final consumption expenditure	304 244	310 816	316 041	327 261	341 560	354 742
Individual consumption expenditure	304 244	310 816	316 041	327 261	341 560	354 742
Social transfers in kind	5 418	5 444	5 611	5 661	5 787	5 990
Social transfers in kind – non-market production	5 418	5 444	5 611	5 661	5 787	5 990
Social transfers in kind – purchased market production						
Other individual consumption households	298 826	305 372	310 430	321 600	335 773	348 752
Collective consumption expenditure						
Capital transfers	7 172	7 552	7 926	8 061	8 074	7 693
Capital taxes	1 534	1 622	1 855	1 851	1 740	1 636
Investment grants						
Other capital transfers	5 638	5 930	6 071	6 210	6 334	6 057
Gross capital formation	29 898	33 973	40 472	42 130	47 141	51 701
Gross fixed capital formation	29 668	33 810	40 374	41 927	46 970	51 533
Consumption of fixed capital	26 123	26 161	26 644	27 380	29 064	30 947
Net fixed capital formation	3 545	7 649	13 730	14 547	17 906	20 586
Changes in inventories including acquisitions less disposals of valuables	230	163	98	203	171	168
Changes in inventories	219	139	77	178	147	167
Acquisitions less disposals of valuables	11	24	21	25	24	1
Acquisitions less disposals of non-produced non-financial assets	564	373	512	510	700	398
<b>Total uses</b>	<b>706 415</b>	<b>722 970</b>	<b>743 100</b>	<b>771 567</b>	<b>806 509</b>	<b>841 797</b>
<b>Key figures</b>						
Real disposable income (% volume changes)	1.7	1.8	2.4	1.0	2.4	1.5
Free / individual savings (million euros)	35 993	35 693	40 553	38 093	41 063	43 237
Savings ratio (% disposable income)	16.3	15.9	16.6	15.3	15.6	16.6
Households' capital formation ratio (% disposable income)	8.2	9.1	10.7	10.9	11.6	12.1
Savings deposits and other deposits (million euros)	332 245	335 685	340 819	344 275	351 172	363 683
Insurance, pension and guarantee schemes (million euros)	1 397 948	1 487 744	1 622 711	1 606 289	1 647 401	1 904 437
Pension entitlements and claims (million euros)	1 240 626	1 323 939	1 454 492	1 443 138	1 479 980	1 720 419
Home mortgages; closing balance (million euros)	687 229	693 883	704 238	713 806	725 916	734 556
Home mortgages; net lending (million euros)	- 228	7 135	10 151	9 835	12 197	8 688
Labour input of employees (1,000 full-time equivalent jobs)	336	355	371	376	385	396
Labour input of self-employed persons (1,000 full-time equivalent jobs) <sup>1)</sup>	1 159	1 195	1 230	1 235	1 294	1 312
Average number of households (x 1,000)	7 628	7 693	7 757	7 826	7 891	7 966

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

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Resources</b>						
Imports of goods and services	466 572	518 594	491 044	536 163	573 832	590 651
Imports of goods	345 078	352 926	355 196	388 826	413 310	425 727
Imports of services	121 494	165 668	135 848	147 337	160 522	164 924
Imports of services excluding FISIM	117 370	160 947	131 306	143 814	157 427	161 867
Imports of FISIM	4 124	4 721	4 542	3 523	3 095	3 057
Compensation of employees	8 420	8 591	8 841	9 347	10 296	12 367
Wages and salaries	6 786	7 049	7 264	7 605	8 367	9 844
Employers' social contributions	1 634	1 542	1 577	1 742	1 929	2 523
Taxes on production and imports	2 416	3 117	3 098	3 139	3 367	3 568
Taxes on products	2 416	2 663	2 596	2 663	2 747	2 936
Value added type taxes (VAT)	0	0	0	0	0	0
Taxes and duties on imports excluding VAT	2 286	2 528	2 596	2 663	2 747	2 936
Other taxes on products	130	135	0	0	0	0
Other taxes on production	0	454	502	476	620	632
Subsidies						
Subsidies on products						
Other subsidies on production						
Property income	259 107	248 362	258 903	245 348	281 359	284 195
Interest	71 115	70 479	63 621	66 286	69 431	68 774
Adjustment FISIM	- 4 970	- 5 749	- 5 160	- 3 552	- 1 857	- 2 205
Actual interest payments/receipts	76 085	76 228	68 781	69 838	71 288	70 979
Distributed income of corporations	137 231	125 846	136 850	138 350	167 197	142 754
Dividends	135 466	123 985	134 964	136 282	164 931	140 211
Withdrawals from income of quasi-corporations	1 765	1 861	1 886	2 068	2 266	2 543
Reinvested earnings on foreign direct investment	50 387	51 714	58 035	40 161	43 989	71 828
Other investment income	374	323	397	551	742	839
Investment income attributable to insurance policy holders	194	138	36	27	29	29
Investment income payable on pension entitlements	34	34	33	36	35	37
Investment income attributable to investment fund shareholders	146	151	328	488	678	773
Income from land and subsoil assets						
Current taxes on income, wealth, etc.	3 542	3 913	3 673	4 076	4 270	5 626
Current taxes on income	3 542	3 913	3 673	4 076	4 270	5 626
Current taxes on wealth						
Social contributions and benefits	2 926	3 214	3 218	3 356	3 464	3 765
Net social contributions	433	445	435	447	459	473
Social benefits other than social transfers in kind	2 493	2 769	2 783	2 909	3 005	3 292
Other current transfers	16 176	15 991	11 263	11 247	13 622	14 248
Net non-life insurance premiums	808	936	519	451	480	442
Non-life insurance claims	1 153	1 229	1 290	613	574	522
Current transfers within general government						
Current international cooperation	2 652	2 736	2 667	2 644	3 286	3 088
Miscellaneous current transfers	5 431	5 073	4 508	4 147	4 437	4 870
VAT- and GNI-based EU own resources	6 132	6 017	2 279	3 392	4 845	5 326
Adjustment for the change in pension entitlements	- 71	- 173	- 206	- 248	- 200	- 232
Capital transfers	1 185	1 394	2 043	1 344	1 310	1 357
Capital taxes	145	144	145	146	149	147
Investment grants	25	26	56	25	26	24
Other capital transfers	1 015	1 224	1 842	1 173	1 135	1 186
<b>Total resources</b>	<b>760 273</b>	<b>803 003</b>	<b>781 877</b>	<b>813 772</b>	<b>891 320</b>	<b>915 545</b>
<b>Balancing items</b>						
Net transactions of good and services	- 74 557	- 51 759	- 72 333	- 79 390	- 81 607	- 84 502
Surplus nation on current transactions	- 63 903	- 43 464	- 57 105	- 79 878	- 83 869	- 80 599
Net saving and capital transfers	- 63 410	- 43 167	- 56 085	- 79 532	- 83 625	- 80 257
Net lending / net borrowing	- 62 559	- 40 083	- 55 928	- 79 554	- 83 355	- 80 388
Total financial transactions of assets	188 061	312 315	349 589	188 191	- 324 996	99 399
Total financial transactions of liabilities	249 035	353 558	405 364	264 443	- 238 013	182 536
Net lending / net borrowing of the financial account	- 60 974	- 41 243	- 55 775	- 76 252	- 86 983	- 83 137
Statistical discrepancy	1 585	- 1 160	153	3 302	- 3 628	- 2 749

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Uses</b>						
Exports of goods and services	541 129	570 353	563 377	615 553	655 439	675 153
Exports of goods	409 005	418 373	420 899	460 770	484 921	493 938
Exports of services	132 124	151 980	142 478	154 783	170 518	181 215
Exports of services excluding FISIM	129 499	149 555	140 434	152 830	168 996	180 052
Exports of FISIM	2 625	2 425	2 044	1 953	1 522	1 163
Compensation of employees	1 766	1 903	1 796	1 825	1 933	1 989
Wages and salaries	1 394	1 511	1 418	1 441	1 526	1 544
Employers' social contributions	372	392	378	384	407	445
Taxes on production and imports						
Taxes on products						
Other taxes on production						
Subsidies	1 279	1 598	1 427	1 497	1 508	1 506
Subsidies on products	0	0	40	36	18	1
Other subsidies on production	1 279	1 598	1 387	1 461	1 490	1 505
Property income	265 236	257 098	257 144	260 077	300 401	299 805
Interest	72 595	76 226	68 666	66 874	70 243	72 106
Adjustment FISIM	- 3 471	- 3 453	- 2 662	- 1 982	- 284	- 311
Actual interest payments/receipts	76 066	79 679	71 328	68 856	70 527	72 417
Distributed income of corporations	192 508	170 016	184 197	188 479	206 823	196 630
Dividends	190 501	168 087	182 594	186 572	204 825	194 708
Withdrawals from income of quasi-corporations	2 007	1 929	1 603	1 907	1 998	1 922
Reinvested earnings on foreign direct investment	- 3 698	6 862	709	1 029	19 569	27 093
Other investment income	3 831	3 994	3 572	3 695	3 766	3 976
Investment income attributable to insurance policy holders	40	36	29	19	16	18
Investment income payable on pension entitlements	0	0	0	0	0	0
Investment income attributable to investment fund shareholders	3 791	3 958	3 543	3 676	3 750	3 958
Income from land and subsoil assets						
Current taxes on income, wealth, etc.	5 486	5 425	5 484	5 767	6 756	7 887
Current taxes on income	5 379	5 297	5 339	5 614	6 604	7 726
Current taxes on wealth	107	128	145	153	152	161
Social contributions and benefits	3 517	3 481	3 479	3 673	3 875	4 549
Net social contributions	3 264	3 211	3 239	3 433	3 635	4 309
Social benefits other than social transfers in kind	253	270	240	240	240	240
Other current transfers	4 578	5 215	4 232	3 914	3 967	3 898
Net non-life insurance premiums	1 119	1 278	1 323	587	672	622
Non-life insurance claims	859	881	574	541	411	403
Current transfers within general government	0	0	0	0	0	0
Current international cooperation	127	222	249	301	270	256
Miscellaneous current transfers	2 473	2 834	2 086	2 485	2 614	2 617
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	692	1 097	1 023	998	1 066	1 015
Capital taxes	136	136	136	136	140	138
Investment grants	189	494	459	444	475	434
Other capital transfers	367	467	428	418	451	443
Gross capital formation						
Gross fixed capital formation						
Consumption of fixed capital						
Net fixed capital formation						
Changes in inventories including acquisitions less disposals of valuables						
Changes in inventories						
Acquisitions less disposals of valuables						
Acquisitions less disposals of non-produced non-financial assets	- 851	- 3 084	- 157	22	- 270	131
<b>Total uses</b>	<b>822 832</b>	<b>843 086</b>	<b>837 805</b>	<b>893 326</b>	<b>974 675</b>	<b>995 933</b>
<b>Key figures</b>						
Net exports share (% GDP)	11.1	7.5	10.2	10.8	10.5	10.4
Net exports (million euros)	74 557	51 759	72 333	79 390	81 607	84 502
Net primary income from the rest of the world (million euros)	- 1 662	529	- 10 475	5 565	8 820	3 170
Net current transfers from the rest of the world (million euros)	- 8 992	- 8 824	- 4 753	- 5 077	- 6 558	- 7 073
Net capital transfers from the rest of the world (million euros)	- 493	- 297	- 1 020	- 346	- 244	- 342
Surplus on current transactions (million euros)	63 903	43 464	57 105	79 878	83 869	80 599
Net external assets (million euros)	297 831	337 631	433 744	441 733	556 199	729 242

### S 3.1 Financial balance sheets of the total economy

	2017				2018		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	million euros						
<b>Assets</b>							
Monetary gold and special drawing rights	27 340	– 9	– 708	0	26 623	268	894
Currency	15 384	– 750	0	0	14 634	– 247	0
Transferable deposits	570 872	28 452	– 7 908	– 51	591 365	13 090	1 417
Savings deposits	340 819	3 484	– 28	0	344 275	6 874	23
Other deposits	675 155	60 893	– 20 229	669	716 488	– 38 564	6 705
Short-term debt securities	51 202	884	– 2 187	64	49 963	– 5 490	401
Long-term debt securities	1 272 303	10 715	– 36 951	1 876	1 247 943	25 050	– 9 804
Short-term loans	1 217 603	36 014	– 46 589	7 278	1 214 306	– 88 052	15 341
Long-term loans	2 771 251	98 198	– 47 157	– 26 617	2 795 675	104 823	14 350
Equity and investment fund shares/units	6 667 786	148 477	64 499	8 095	6 888 857	– 473 148	182 067
Insurance, pension and standardised guarantee schemes	1 664 256	14 900	– 30 940	1 213	1 649 429	18 080	25 330
Financial derivatives and employee stock options	542 651	– 24 212	– 103 826	0	414 613	39 256	– 82 361
Other accounts receivable/payable	435 713	– 1 936	– 1 776	– 3 196	428 805	– 13 592	2 835
<b>Total assets</b>	<b>16 252 335</b>	<b>375 110</b>	<b>– 233 800</b>	<b>– 10 669</b>	<b>16 382 976</b>	<b>– 411 652</b>	<b>157 198</b>
<b>Liabilities</b>							
Monetary gold and special drawing rights	6 165	0	– 421	0	5 744	0	134
Currency	59 483	2 344	0	0	61 827	3 159	0
Transferable deposits	773 441	27 451	– 18 277	0	782 615	27 790	5 173
Savings deposits	326 154	3 416	– 28	0	329 542	6 806	23
Other deposits	594 122	7 119	– 18 949	0	582 292	– 57 093	5 789
Short-term debt securities	111 175	– 4 103	– 7 450	– 234	99 388	6 991	2 678
Long-term debt securities	1 749 514	– 37 672	– 56 138	– 20 651	1 635 053	28 097	– 8 175
Short-term loans	1 089 463	112 839	– 35 710	3 818	1 170 410	– 76 447	18 802
Long-term loans	2 431 719	27 167	– 31 740	6 050	2 433 196	– 21 382	14 059
Equity and investment fund shares/units	6 037 508	136 794	168 978	– 821	6 342 459	– 443 407	141 378
Insurance, pension and standardised guarantee schemes	1 661 363	12 052	– 30 926	401	1 642 890	19 844	25 493
Financial derivatives and employee stock options	503 339	5 551	– 125 246	0	383 644	28 485	– 75 976
Other accounts receivable/payable	475 145	5 900	– 8 822	– 40	472 183	– 21 478	1 849
<b>Total liabilities</b>	<b>15 818 591</b>	<b>298 858</b>	<b>– 164 729</b>	<b>– 11 477</b>	<b>15 941 243</b>	<b>– 498 635</b>	<b>131 227</b>
<b>Financial net worth</b>	<b>433 744</b>	<b>76 252</b>	<b>– 69 071</b>	<b>808</b>	<b>441 733</b>	<b>86 983</b>	<b>25 971</b>

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

	2017				2018		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	million euros						
<b>Assets</b>							
Monetary gold and special drawing rights							
Currency	3 740	– 240	0	0	3 500	– 125	0
Transferable deposits	152 339	15 344	– 4 185	7	163 505	7 471	758
Savings deposits							
Other deposits	133 237	2 225	– 987	– 79	134 396	– 973	417
Short-term debt securities	1 349	843	– 24	0	2 168	1 011	6
Long-term debt securities	8 077	– 1 766	– 10	0	6 301	210	– 3
Short-term loans	262 701	33 444	– 11 937	0	284 208	– 17 821	2 113
Long-term loans	425 723	23 837	– 11 569	– 92	437 899	13 660	4 286
Equity and investment fund shares/units	1 384 140	15 654	– 37 677	1 840	1 363 957	– 34 171	32 677
Insurance, pension and standardised guarantee schemes	26 230	393	4 895	0	31 518	52	– 2 463
Financial derivatives and employee stock options	6 929	1 976	– 3 888	0	5 017	3 906	502
Other accounts receivable/payable	172 210	4 723	– 360	126	176 699	5 420	187
<b>Total assets</b>	<b>2 576 675</b>	<b>96 433</b>	<b>– 65 742</b>	<b>1 802</b>	<b>2 609 168</b>	<b>– 21 360</b>	<b>38 480</b>
<b>Liabilities</b>							
Monetary gold and special drawing rights							
Currency							
Transferable deposits							
Savings deposits							
Other deposits							
Short-term debt securities	5 312	711	– 488	0	5 535	– 2 917	135
Long-term debt securities	103 140	2 883	– 6 080	11	99 954	14 436	– 6 057
Short-term loans	378 085	10 796	– 13 892	– 599	374 390	8 725	2 164
Long-term loans	757 541	24 325	– 16 128	– 1 139	764 599	– 15 141	8 731
Equity and investment fund shares/units	1 988 474	14 828	61 035	1 840	2 066 177	– 65 509	– 7 896
Insurance, pension and standardised guarantee schemes	0	6	– 6	0	0	13	– 13
Financial derivatives and employee stock options	12 738	66	– 5 040	0	7 764	68	– 590
Other accounts receivable/payable	178 408	2 790	– 556	7	180 649	5 976	– 22
<b>Total liabilities</b>	<b>3 423 698</b>	<b>56 405</b>	<b>18 845</b>	<b>120</b>	<b>3 499 068</b>	<b>– 54 349</b>	<b>– 3 548</b>
<b>Financial net worth</b>	<b>– 847 023</b>	<b>40 028</b>	<b>– 84 587</b>	<b>1 682</b>	<b>– 889 900</b>	<b>32 989</b>	<b>42 028</b>

2018	2019*				
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
million euros					
0	27 785	277	4 678	0	32 740
0	14 387	534	0	0	14 921
270	606 142	2 958	1 512	116	610 728
0	351 172	12 498	13	0	363 683
2 680	687 309	- 16 220	4 329	396	675 814
197	45 071	1 165	- 83	88	46 241
- 65	1 263 124	19 748	53 085	689	1 336 646
- 8 998	1 132 597	62 472	11 410	3 483	1 209 962
- 1 180	2 913 668	31 205	8 265	- 6 345	2 946 793
7 453	6 605 229	22 008	423 708	- 28 317	7 022 628
- 6 725	1 686 114	23 882	235 036	0	1 945 032
0	371 508	68 203	92 055	0	531 766
- 1 941	416 107	22 984	460	1 753	441 304
- 8 309	16 120 213	251 714	834 468	- 28 137	17 178 258
<b>Assets</b>					
0	5 878	- 1	89	0	5 966
0	64 986	5 043	0	0	70 029
0	815 578	- 38 585	3 521	0	780 514
0	336 371	12 430	13	0	348 814
7	530 995	- 13 333	3 072	0	520 734
- 113	108 944	- 3 439	879	- 380	106 004
- 140	1 654 835	- 14 402	42 968	- 6 811	1 676 590
- 4 988	1 107 777	82 454	15 068	- 482	1 204 817
5 905	2 431 778	- 67 062	5 784	76	2 370 576
- 1 285	6 039 145	81 736	383 740	- 20 857	6 483 764
- 6 737	1 681 490	24 114	234 703	0	1 940 307
0	336 153	73 734	53 356	0	463 243
- 2 470	450 084	25 888	189	1 497	477 658
- 9 821	15 564 014	168 577	743 382	- 26 957	16 449 016
1 512	556 199	83 137	91 086	- 1 180	729 242
<b>Liabilities</b>					
<b>Total assets</b>					
<b>Liabilities</b>					
<b>Total liabilities</b>					
<b>Financial net worth</b>					

2018	2019*				
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
million euros					
0	3 375	198	0	0	3 573
- 19	171 715	13 649	851	0	186 215
- 21	133 819	- 8 467	454	0	125 806
0	3 185	- 1 934	- 2	0	1 249
0	6 508	1 989	65	39	8 601
0	268 500	- 4 596	2 473	0	266 377
2	455 847	24 933	1 356	0	482 136
3 451	1 365 914	70 999	24 524	- 270	1 461 167
0	29 107	937	1 054	0	31 098
0	9 425	- 805	251	0	8 871
204	182 510	114	13	0	182 637
3 617	2 629 905	97 017	31 039	- 231	2 757 730
<b>Assets</b>					
<b>Total assets</b>					
<b>Liabilities</b>					
<b>Total liabilities</b>					
<b>Financial net worth</b>					
0	2 753	34	0	0	2 787
- 4	108 329	- 901	177	0	107 605
- 198	385 081	- 13 213	2 977	- 230	374 615
- 717	757 472	4 447	2 734	- 311	764 342
2 343	1 995 115	69 892	159 249	- 362	2 223 894
0	0	72	- 72	0	0
0	7 242	22	1 892	0	9 156
- 60	186 543	- 2 125	54	6	184 478
1 364	3 442 535	58 228	167 011	- 897	3 666 877
2 253	- 812 630	38 789	- 135 972	666	- 909 147

### S 3.3 Financial balance sheets of the sector financial corporations

	2017				2018		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	million euros						
<b>Assets</b>							
Monetary gold and special drawing rights	27 340	– 9	– 708	0	26 623	268	894
Currency	1 951	125	0	0	2 076	210	0
Transferable deposits	328 320	3 793	– 3 618	– 51	328 444	– 451	625
Savings deposits							
Other deposits	536 670	58 650	– 19 218	669	576 771	– 37 413	6 267
Short-term debt securities	48 811	321	– 2 164	41	47 009	– 7 724	384
Long-term debt securities	1 247 842	14 387	– 37 263	1 726	1 226 692	25 213	– 9 555
Short-term loans	920 948	4 085	– 34 652	7 343	897 724	– 67 665	13 228
Long-term loans	2 269 035	72 338	– 35 583	– 26 445	2 279 345	88 601	10 064
Equity and investment fund shares/units	4 823 895	135 384	87 458	6 255	5 052 992	– 439 291	145 910
Insurance, pension and standardised guarantee schemes	15 315	– 3 619	– 74	0	11 622	– 2 213	197
Financial derivatives and employee stock options	518 672	– 23 303	– 98 473	0	396 896	39 687	– 83 207
Other accounts receivable/payable	134 170	– 5 687	– 1 416	– 3 310	123 757	– 20 736	2 663
<b>Total assets</b>	<b>10 872 969</b>	<b>256 465</b>	<b>– 145 711</b>	<b>– 13 772</b>	<b>10 969 951</b>	<b>– 421 514</b>	<b>87 470</b>
<b>Liabilities</b>							
Monetary gold and special drawing rights	6 165	0	– 421	0	5 744	0	134
Currency	59 483	2 344	0	0	61 827	3 159	0
Transferable deposits	742 124	26 280	– 18 277	0	750 127	24 465	5 173
Savings deposits	326 154	3 416	– 28	0	329 542	6 806	23
Other deposits	592 241	7 213	– 18 949	0	580 505	– 57 066	5 789
Short-term debt securities	89 222	– 5 412	– 6 710	– 234	76 866	4 773	2 671
Long-term debt securities	1 256 652	– 30 492	– 40 510	– 20 662	1 164 988	27 711	– 2 210
Short-term loans	632 264	108 957	– 21 798	4 705	724 128	– 76 734	16 617
Long-term loans	827 956	– 7 680	– 15 502	7 495	812 269	– 19 618	5 297
Equity and investment fund shares/units	4 049 005	121 966	107 943	– 2 661	4 276 253	– 377 900	149 278
Insurance, pension and standardised guarantee schemes	1 661 363	12 046	– 30 920	401	1 642 890	19 831	25 506
Financial derivatives and employee stock options	489 065	5 501	– 119 534	0	375 032	28 432	– 75 183
Other accounts receivable/payable	191 604	– 443	– 8 266	– 164	182 731	– 28 816	1 871
<b>Total liabilities</b>	<b>10 923 298</b>	<b>243 696</b>	<b>– 172 972</b>	<b>– 11 120</b>	<b>10 982 902</b>	<b>– 444 957</b>	<b>134 966</b>
<b>Financial net worth</b>	<b>– 50 329</b>	<b>12 769</b>	<b>27 261</b>	<b>– 2 652</b>	<b>– 12 951</b>	<b>23 443</b>	<b>– 47 496</b>

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

	2017				2018		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	million euros						
<b>Assets</b>							
Monetary gold and special drawing rights							
Currency	22	– 4	0	0	18	– 3	0
Transferable deposits	8 367	2 094	0	– 7	10 454	– 566	0
Savings deposits							
Other deposits	3 922	128	– 24	79	4 105	– 154	21
Short-term debt securities	993	– 271	0	23	745	1 217	11
Long-term debt securities	7 191	– 821	70	150	6 590	– 165	76
Short-term loans	142	– 124	0	0	18	4	0
Long-term loans	56 338	1 165	– 5	12	57 510	1 597	0
Equity and investment fund shares/units	100 904	– 5 719	4 485	0	99 670	– 230	805
Insurance, pension and standardised guarantee schemes	0	0	0	0	0	0	0
Financial derivatives and employee stock options	16 070	– 2 945	– 936	0	12 189	– 4 550	563
Other accounts receivable/payable	56 235	– 1 226	0	– 12	54 997	1 419	0
<b>Total assets</b>	<b>250 184</b>	<b>– 7 723</b>	<b>3 590</b>	<b>245</b>	<b>246 296</b>	<b>– 1 431</b>	<b>1 476</b>
<b>Liabilities</b>							
Monetary gold and special drawing rights							
Currency							
Transferable deposits	3 346	– 1 943	0	0	1 403	– 363	0
Savings deposits							
Other deposits	555	16	0	0	571	– 3	0
Short-term debt securities	16 641	598	– 252	0	16 987	5 135	– 128
Long-term debt securities	388 573	– 9 676	– 9 479	0	369 418	– 13 917	93
Short-term loans	24 232	– 4 239	0	– 12	19 981	– 4 280	0
Long-term loans	68 643	– 3 101	– 63	18	65 497	– 602	14
Equity and investment fund shares/units	2	0	0	0	2	0	0
Insurance, pension and standardised guarantee schemes	0	0	0	0	0	0	0
Financial derivatives and employee stock options	519	0	– 85	0	434	0	– 49
Other accounts receivable/payable	47 916	1 200	0	136	49 252	1 799	0
<b>Total liabilities</b>	<b>550 427</b>	<b>– 17 145</b>	<b>– 9 879</b>	<b>142</b>	<b>523 545</b>	<b>– 12 231</b>	<b>– 70</b>
<b>Financial net worth</b>	<b>– 300 243</b>	<b>9 422</b>	<b>13 469</b>	<b>103</b>	<b>– 277 249</b>	<b>10 800</b>	<b>1 546</b>

2018	2019*					
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	
million euros						
0	27 785	277	4 678	0	32 740	<b>Assets</b>
0	2 286	- 190	0	0	2 096	Monetary gold and special drawing rights
270	328 888	- 28 489	638	4	301 041	Currency
						Transferable deposits
2 673	548 298	- 7 227	3 875	396	545 342	Savings deposits
197	39 866	2 723	- 83	88	42 594	Other deposits
- 23	1 242 327	20 098	52 489	650	1 315 564	Short-term debt securities
- 9 006	834 281	70 166	8 937	3 483	916 867	Long-term debt securities
- 1 126	2 376 884	4 629	6 908	- 6 345	2 382 076	Short-term loans
3 988	4 763 599	- 38 822	355 947	- 28 047	5 052 677	Long-term loans
0	9 606	- 1 073	964	0	9 497	Equity and investment fund shares/units
0	353 376	69 708	89 952	0	513 036	Insurance, pension and standardised guarantee schemes
- 1 974	103 710	25 068	450	1 753	130 981	Financial derivatives and employee stock options
						Other accounts receivable/payable
- 5 001	10 630 906	116 868	524 755	- 28 018	11 244 511	<b>Total assets</b>
						<b>Liabilities</b>
0	5 878	- 1	89	0	5 966	Monetary gold and special drawing rights
0	64 986	5 043	0	0	70 029	Currency
0	779 765	- 45 012	3 521	0	738 274	Transferable deposits
0	336 371	12 430	13	0	348 814	Savings deposits
0	529 228	- 13 306	3 072	0	518 994	Other deposits
- 113	84 197	912	1 315	- 380	86 044	Short-term debt securities
- 136	1 190 353	- 5 286	34 404	- 6 811	1 212 660	Long-term debt securities
- 4 623	659 388	99 505	12 084	- 56	770 921	Short-term loans
6 668	804 616	- 84 568	3 034	464	723 546	Long-term loans
- 3 658	4 043 973	11 794	224 491	- 20 495	4 259 763	Equity and investment fund shares/units
- 6 737	1 681 490	24 042	234 775	0	1 940 307	Insurance, pension and standardised guarantee schemes
0	328 281	73 727	51 403	0	453 411	Financial derivatives and employee stock options
- 2 507	153 279	28 301	137	1 491	183 208	Other accounts receivable/payable
- 11 106	10 661 805	107 581	568 338	- 25 787	11 311 937	<b>Total liabilities</b>
6 105	- 30 899	9 287	- 43 583	- 2 231	- 67 426	<b>Financial net worth</b>

2018	2019*					
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	
million euros						
0	15	5	0	0	20	<b>Assets</b>
19	9 907	2 581	0	112	12 600	Monetary gold and special drawing rights
						Currency
21	3 993	- 527	0	0	3 466	Transferable deposits
0	1 973	377	0	0	2 350	Savings deposits
- 42	6 459	- 1 774	193	0	4 878	Other deposits
0	22	17	0	0	39	Short-term debt securities
- 81	59 026	1 126	1	0	60 153	Long-term debt securities
- 16	100 229	347	9 059	0	109 635	Short-term loans
0	0	0	0	0	0	Long-term loans
0	8 202	- 701	1 861	0	9 362	Equity and investment fund shares/units
- 130	56 286	- 513	- 1	0	55 772	Insurance, pension and standardised guarantee schemes
						Financial derivatives and employee stock options
- 229	246 112	938	11 113	112	258 275	Other accounts receivable/payable
						<b>Total assets</b>
						<b>Liabilities</b>
0	1 040	109	0	0	1 149	Monetary gold and special drawing rights
0	568	- 28	0	0	540	Currency
0	21 994	- 4 385	- 436	0	17 173	Transferable deposits
0	355 594	- 8 039	8 382	0	355 937	Savings deposits
- 52	15 649	1 002	0	0	16 651	Other deposits
43	64 952	865	3	0	65 820	Short-term debt securities
0	2	0	0	0	2	Long-term debt securities
0	0	0	0	0	0	Short-term loans
0	385	0	0	0	385	Long-term loans
213	51 264	- 2 471	- 2	0	48 791	Equity and investment fund shares/units
204	511 448	- 12 947	7 947	0	506 448	Insurance, pension and standardised guarantee schemes
- 433	- 265 336	13 885	3 166	112	- 248 173	Financial derivatives and employee stock options
						Other accounts receivable/payable
						<b>Total liabilities</b>
						<b>Financial net worth</b>



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

	2017				2018		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	million euros						
<b>Assets</b>							
Monetary gold and special drawing rights							
Currency	9 671	- 631	0	0	9 040	- 329	0
Transferable deposits	53 875	4 107	- 105	0	57 877	2 948	34
Savings deposits	340 819	3 484	- 28	0	344 275	6 874	23
Other deposits	0	0	0	0	0	0	0
Short-term debt securities	49	- 9	1	0	41	6	0
Long-term debt securities	8 044	- 698	321	0	7 667	- 75	- 321
Short-term loans	87	- 7	0	0	80	246	0
Long-term loans	9 764	188	0	- 1	9 951	253	0
Equity and investment fund shares/units	358 820	3 158	10 233	0	372 211	542	2 679
Insurance, pension and standardised guarantee schemes	1 622 711	18 126	- 35 761	1 213	1 606 289	20 241	27 596
Financial derivatives and employee stock options	980	60	- 529	0	511	213	- 219
Other accounts receivable/payable	55 299	402	0	0	55 701	629	- 15
<b>Total assets</b>	<b>2 460 119</b>	<b>28 180</b>	<b>- 25 868</b>	<b>1 212</b>	<b>2 463 643</b>	<b>31 548</b>	<b>29 777</b>
<b>Liabilities</b>							
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	21 157	- 1 291	- 20	- 211	19 635	- 1 342	21
Long-term loans	767 188	12 953	- 47	- 233	779 861	13 267	17
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	1 017	- 16	- 587	0	414	- 15	- 154
Other accounts receivable/payable	39 418	2 501	0	- 19	41 900	- 113	0
<b>Total liabilities</b>	<b>828 780</b>	<b>14 147</b>	<b>- 654</b>	<b>- 463</b>	<b>841 810</b>	<b>11 797</b>	<b>- 116</b>
<b>Financial net worth</b>	<b>1 631 339</b>	<b>14 033</b>	<b>- 25 214</b>	<b>1 675</b>	<b>1 621 833</b>	<b>19 751</b>	<b>29 893</b>

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

	2017				2018		
	Opening balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations
	million euros						
<b>Assets</b>							
Monetary gold and special drawing rights	6 165	0	- 421	0	5 744	0	134
Currency	44 115	3 110	0	0	47 225	3 376	0
Transferable deposits	324 749	7 393	- 14 406	0	317 736	486	4 251
Savings deposits	0	0	0	0	0	0	0
Other deposits	368 101	- 8 926	- 17 402	0	341 773	- 25 606	5 414
Short-term debt securities	106 056	- 3 896	- 7 322	- 257	94 581	5 285	2 749
Long-term debt securities	1 319 079	- 43 832	- 49 944	- 20 708	1 204 595	31 481	- 8 294
Short-term loans	666 636	73 718	- 20 466	4 693	724 581	- 19 049	14 627
Long-term loans	930 040	4 255	- 19 708	7 519	922 106	- 13 241	7 887
Equity and investment fund shares/units	4 100 608	118 037	125 977	339	4 344 961	- 326 190	121 329
Insurance, pension and standardised guarantee schemes	4 200	- 209	- 37	52	4 006	119	112
Financial derivatives and employee stock options	342 437	34 197	- 119 267	0	257 367	17 482	- 28 044
Other accounts receivable/payable	163 582	4 344	- 8 706	- 154	159 066	861	1 851
<b>Total assets</b>	<b>8 375 768</b>	<b>188 191</b>	<b>- 131 702</b>	<b>- 8 516</b>	<b>8 423 741</b>	<b>- 324 996</b>	<b>122 016</b>
<b>Liabilities</b>							
Monetary gold and special drawing rights	5 718	- 9	- 390	0	5 319	268	124
Currency	16	16	0	0	32	- 30	0
Transferable deposits	122 180	8 394	- 4 037	- 51	126 486	- 14 214	495
Savings deposits	14 665	68	0	0	14 733	68	0
Other deposits	449 134	44 848	- 18 682	669	475 969	- 7 077	6 330
Short-term debt securities	46 083	1 091	- 2 059	41	45 156	- 7 196	472
Long-term debt securities	841 868	4 555	- 30 757	1 819	817 485	28 434	- 9 923
Short-term loans	794 776	- 3 107	- 31 345	8 153	768 477	- 30 654	11 166
Long-term loans	1 269 572	75 286	- 35 125	- 25 148	1 284 585	112 964	8 178
Equity and investment fund shares/units	4 730 886	129 720	21 498	9 255	4 891 359	- 355 931	162 018
Insurance, pension and standardised guarantee schemes	7 093	2 639	- 51	864	10 545	- 1 645	- 51
Financial derivatives and employee stock options	381 749	4 434	- 97 847	0	288 336	28 253	- 34 429
Other accounts receivable/payable	124 150	- 3 492	- 1 660	- 3 310	115 688	8 747	2 837
<b>Total liabilities</b>	<b>8 787 890</b>	<b>264 443</b>	<b>- 200 455</b>	<b>- 7 708</b>	<b>8 844 170</b>	<b>- 238 013</b>	<b>147 217</b>
<b>Financial net worth</b>	<b>- 412 122</b>	<b>- 76 252</b>	<b>68 753</b>	<b>- 808</b>	<b>- 420 429</b>	<b>- 86 983</b>	<b>- 25 201</b>

2018	2019*				
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
million euros					
0	8 711	521	0	0	9 232
0	60 859	8 899	23	0	69 781
0	351 172	12 498	13	0	363 683
0	0	0	0	0	0
0	47	- 1	2	0	48
0	7 271	- 389	333	0	7 215
0	326	- 47	0	0	279
1	10 205	225	0	0	10 430
0	375 432	- 10 566	34 178	0	399 044
- 6 725	1 647 401	24 018	233 018	0	1 904 437
0	505	1	- 9	0	497
5	56 320	- 1 722	- 4	0	54 594
- 6 719	2 518 249	33 437	267 554	0	2 819 240
<b>Assets</b>					
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					
<b>Total assets</b>					
<b>Liabilities</b>					
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					
<b>Total liabilities</b>					
<b>Financial net worth</b>					
0	0	0	0	0	0
0	0	0	0	0	0
- 123	18 191	- 1 772	7	- 196	16 230
- 113	793 032	11 902	13	- 77	804 870
0	0	0	0	0	0
0	245	- 15	61	0	291
- 70	41 717	2 146	- 2	0	43 861
- 306	853 185	12 261	79	- 273	865 252
- 6 413	1 665 064	21 176	267 475	273	1 953 988

2018	2019*				
Other volume changes	Closing balance sheet	Financial transactions	Price changes and revaluations	Other volume changes	Closing balance sheet
million euros					
0	5 878	- 1	89	0	5 966
0	50 601	4 512	0	0	55 113
0	322 473	- 41 554	2 974	0	283 893
0	0	0	0	0	0
0	321 581	- 2 468	2 856	0	321 969
- 113	102 502	- 1 766	910	- 380	101 266
- 33	1 227 749	- 7 221	36 495	- 6 811	1 250 212
- 4 614	715 545	69 345	13 631	- 53	798 468
6 668	923 420	- 95 458	4 104	471	832 537
- 3 658	4 136 442	90 752	197 960	1 745	4 426 899
- 12	4 225	245	315	0	4 785
0	246 805	60 835	42 868	0	350 508
- 2 505	159 273	22 178	277	1 491	183 219
- 4 267	8 216 494	99 399	302 479	- 3 537	8 614 835
<b>Assets</b>					
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					
<b>Total assets</b>					
<b>Liabilities</b>					
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					
<b>Total liabilities</b>					
<b>Financial net worth</b>					
0	5 711	277	87	0	6 075
0	2	3	0	0	5
270	113 037	- 11	965	116	114 107
0	14 801	68	0	0	14 869
2 673	477 895	- 5 355	4 113	396	477 049
197	38 629	2 838	- 52	88	41 503
42	836 038	26 929	46 612	689	910 268
- 8 624	740 365	49 363	9 973	3 912	803 613
- 417	1 405 310	2 809	6 585	- 5 950	1 408 754
5 080	4 702 526	31 024	237 928	- 5 715	4 965 763
0	8 849	13	648	0	9 510
0	282 160	55 304	81 567	0	419 031
- 1 976	125 296	19 274	548	1 747	146 865
- 2 755	8 750 619	182 536	388 974	- 4 717	9 317 412
- 1 512	- 534 125	- 83 137	- 86 495	1 180	- 702 577

7.

Other

tables

## 0 1.1 Taxes

	2014	2015	2016	2017	2018	2019*
	million euros					
Value added tax (VAT)	42 951	44 746	47 849	49 833	52 712	58 131
Wage tax	46 086	54 144	55 487	62 386	62 123	62 255
Corporation tax	14 511	16 108	21 035	21 413	23 613	25 899
Excise duties	11 598	11 207	11 707	11 689	12 206	12 091
Environmental taxes	7 679	7 952	8 397	8 670	9 288	10 661
Motor vehicle tax	5 434	5 539	5 610	5 678	5 807	5 853
Taxes on passenger cars and motorcycles (BPM)	1 121	1 462	1 551	2 000	2 270	2 347
Real estate transfer tax	1 566	1 772	2 292	2 727	3 041	3 017
Property tax	3 542	3 691	3 771	3 873	3 984	4 066
Dividend tax	5 734	5 670	5 207	6 182	7 078	10 273
Import duties	2046	2307	2353	2420	2504	2693
Capital taxes <sup>1)</sup>	1 670	1 758	1 991	1 987	1 880	1 774
Tax on net wealth of individuals	0	0	0	0	0	0
Insurance premium tax	2 366	2 375	2 464	2 486	2 715	2 880
Tax on lotteries and gambling	440	476	480	469	530	572
Other	7 320	3 654	1 761	6 097	6 922	12 681
<b>Taxes</b>	<b>154 064</b>	<b>162 861</b>	<b>171 955</b>	<b>187 910</b>	<b>196 673</b>	<b>215 193</b>
Taxes on production and imports	78 079	79 430	84 725	88 314	93 872	100 905
Current taxes on income and wealth	74 315	81 673	85 239	97 609	100 921	112 514
Capital transfers <sup>1)</sup>	1 670	1 758	1 991	1 987	1 880	1 774
<b>Paid by:</b>						
Residents	148 442	157 300	166 335	182 007	189 777	207 168
Rest of the world	5 622	5 561	5 620	5 903	6 896	8 025
<b>Received by:</b>						
General government	147 961	155 687	165 039	180 549	188 887	205 852
Rest of the world	6 103	7 174	6 916	7 361	7 786	9 341

<sup>1)</sup> Capital taxes are non-periodic current taxes on wealth. These consist mainly of inheritance and gift tax.

## 0 1.2 Current taxes on income and wealth

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Current taxes on income</b>	<b>66 934</b>	<b>74 217</b>	<b>77 666</b>	<b>89 837</b>	<b>93 039</b>	<b>104 530</b>
Corporation tax	14 511	16 108	21 035	21 413	23 613	25 899
Wage tax	46 086	54 144	55 487	62 386	62 123	62 255
Income tax	- 190	- 2 566	- 5 111	- 1 183	- 1 082	4 858
Dividend tax	5 734	5 670	5 207	6 182	7 078	10 273
Tax on lotteries and gambling	128	142	130	129	146	157
Withholding tax on interest	665	719	918	910	1 161	1 088
<b>Current taxes on wealth</b>	<b>7 381</b>	<b>7 456</b>	<b>7 573</b>	<b>7 772</b>	<b>7 882</b>	<b>7 984</b>
Property tax	0	0	0	0	0	0
Motor vehicle tax	4 386	4 470	4 530	4 582	4 686	4 723
Environmental taxes	2 134	2 170	2 230	2 248	2 279	2 295
Sewage charges	1 262	1 286	1 334	1 341	1 360	1 358
Levies on water pollution	872	884	896	907	919	937
Public water board real estate tax	517	514	532	561	584	600
Other	344	302	281	381	333	366
<b>Current taxes on income and wealth</b>	<b>74 315</b>	<b>81 673</b>	<b>85 239</b>	<b>97 609</b>	<b>100 921</b>	<b>112 514</b>
<b>Paid by:</b>						
Non-financial corporations	12 400	14 167	18 840	18 920	20 699	24 798
Financial institutions	4 012	3 992	4 140	4 631	5 339	4 599
General government	17	2	20	41	8	40
Households	52 400	58 087	56 755	68 250	68 119	75 190
Rest of the world <sup>1)</sup>	5 486	5 425	5 484	5 767	6 756	7 887
<b>Received by:</b>						
General government	70 773	77 760	81 566	93 533	96 651	106 888
Rest of the world <sup>2)</sup>	3 542	3 913	3 673	4 076	4 270	5 626

<sup>1)</sup> Concerns the dividend tax and wage tax paid by the rest of the world (including Caribbean Netherlands).

<sup>2)</sup> Concerns the dividend tax and wage tax and withholding tax on interest received by the rest of the world (including Caribbean Netherlands).

## O 1.3 Taxes on production and imports

	2014	2015	2016	2017	2018	2019*
	million euros					
<b>Taxes on products</b>	67 460	69 896	74 504	77 706	82 569	89 397
Value added tax (VAT)	42 951	44 746	47 849	49 833	52 712	58 131
Import duties to the EU	2 046	2 307	2 353	2 420	2 504	2 693
EU levies on food products	370	356	243	243	243	243
Excise duties	11 598	11 207	11 707	11 689	12 206	12 091
Motor spirits	4 042	4 109	4 226	4 293	4 472	4 574
Other mineral oils	3 833	3 757	3 862	3 875	3 919	3 887
Tobacco	2 632	2 222	2 491	2 397	2 669	2 547
Alcohol	311	314	324	331	342	331
Other excise duties	780	805	804	793	804	752
Tax on non-alcoholic beverages etc.	213	207	256	265	278	269
Energy levies	4 810	5 024	5 331	5 593	6 105	7 201
Taxes on passenger cars and motorcycles (BPM)	1 121	1 462	1 551	2 000	2 270	2 347
Tax on lotteries and gambling	312	334	350	340	384	415
Real estate transfer tax	1 566	1 772	2 292	2 727	3 041	3 017
Insurance premium tax	2 366	2 375	2 464	2 486	2 715	2 880
Levies on petroleum product stocks	107	106	108	110	111	110
<b>Other taxes on production</b>	10 619	9 534	10 221	10 608	11 303	11 508
Property tax	3 542	3 691	3 771	3 873	3 984	4 066
Motor vehicle tax	1 048	1 069	1 080	1 096	1 121	1 130
Environmental taxes	735	758	836	829	904	1 165
Sewage charges	235	245	250	256	259	261
Levies on water pollution	326	328	348	350	365	358
Emission permits	108	137	199	200	261	524
Other environmental taxes	66	48	39	23	19	22
Public water board real estate tax	778	832	850	867	905	917
Bank levies	1 453	478	473	478	447	449
Levies for Deposit Guarantee Scheme	0	0	448	470	492	566
Lease tax	1 224	1 345	1 474	1 618	1 738	1 686
EU levies for Deposit Guarantee Scheme	0	454	502	476	620	632
Other	1 839	907	787	901	1 092	897
<b>Taxes on production and imports paid by residents</b>	78 079	79 430	84 725	88 314	93 872	100 905
Received by:						
General government	75 663	76 313	81 627	85 175	90 505	97 337
Rest of the world (EU)	2 416	3 117	3 098	3 139	3 367	3 568

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 ESA 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.

### **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. 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.

### **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. The larger part of government output is paid out of public funds and provided free of charge (non-market 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
<i>minus:</i>	own-account capital formation
<i>plus:</i>	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:

$$\begin{aligned} & \text{final consumption expenditure by households} \\ \text{plus:} & \text{ final consumption expenditure by NPI households} \\ \text{plus:} & \text{ individual consumption by the government} \\ = & \text{ actual individual consumption} \end{aligned}$$

### **Net material government consumption**

The index of material government consumption (IMOC) has a new calculation method.

The IMOC according to the old calculation method showed volatile and difficult to interpret results for some years. However, it is not expected that government expenditure will vary greatly in composition and price from one year to another.

A number of conceptual improvements have been implemented in the new IMOC: market sales, the consumption of insurance services and the balance of taxes and subsidies are no longer included in the calculation.

The definition of the improved IMOC is now as follows: the price index of material public consumption (IMOC) represents the price development of the intermediate consumption (excluding the consumption of insurance services by the social security funds and the consumption of imputed banking services by the activities public administration, subsidised education and sheltered employment).

### **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**

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

Entitlements to non-pension benefits are, in the case of The Netherlands, life course savings schemes and pre-pension schemes.

### **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 1-46) and the value added generated (row 48-52) in the production process of an industry. For example cell 47,3 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 58) equals the corresponding column total in the supply table (row 50) 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 32-36) 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 47 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 (30) 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. 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 including non-deductible VAT. 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 30. 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.

## 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 sector general government consists primarily of all entities that exercise executive, legislative and judiciary powers at a national or regional level. These entities have powers to raise taxes and other compulsory levies and to pass laws affecting the behaviour of economic units. In the Netherlands they are the State, municipalities, provinces and public water boards. In addition, general government consists of all entities controlled by the aforementioned entities that do not produce at market prices. For instance, subsidized schools and universities are classified in the general government sector. The general



government sector is broken down into three subsectors: central government, local government and social security funds.

The principal economic functions of government are as follows:

- to provide goods and services to the community, either for collective consumption such as public administration, defence and law enforcement, or individual consumption such as education, health, recreation and cultural services, and to finance their provision out of taxation or other incomes;
- to redistribute income and wealth by means of transfer payments such as taxes and social benefits;
- to engage in other types of non-market production.

#### Central government

Subsector of the general government sector. It comprises:

- The State (ministries, budget funds such as the Municipality Fund, the Province Fund and the Infrastructure Fund, state agencies and artificial subsidiaries);
- Universities financed by government;
- Public corporate organizations (dissolved in 2015);
- National foundations and other non-profit organisations controlled by central government.

Examples of national foundations and other non-profits organizations controlled by central government are:

- R&D institutions (amongst others NWO, KNAW and institutions connected to universities);
- autonomous central government institutions such as Prorail (railways infrastructure) and Statistics Netherlands.

#### The State

Subsector of the central government sector. The State consists of ministries, programme ministries, budget funds, state agencies and artificial subsidiaries. The latter concern entities controlled by the State in such a way that they are deemed to lack autonomy of decision with regards to their primary business activities despite being separate legal persons. Examples are STER, NFLI and EBN. Ministries and programme ministries are responsible for the national government's policy. Whereas a minister is usually in charge of a ministry, a minister of a programme ministry is only responsible for certain policies, but he is not in charge of a ministry. Budget funds are established for specific multi-annual government policies. State agencies are executive units of ministries, which have a certain independence from their parent ministries, but the minister of the parent ministry is still fully accountable.

#### Other central government

Subsector of the central government sector. It comprises:

- Universities financed by government;
- Public corporate organizations (dissolved in 2015);
- National foundations and other non-profit organizations controlled by central government.

Examples of national foundations and other non-profits organizations controlled by central government are:

- R&D institutions (amongst others NWO, KNAW and institutions connected to universities);
- autonomous central government institutions such as Prorail (railways infrastructure) and Statistics Netherlands.

### Local government

Subsector of the general government sector. It comprises:

- Municipalities;
- Provinces;
- Public water boards;
- Local intergovernmental organizations;
- Educational institutions financed by government;
- Non-profit institutions that are controlled by other local government units and have a regional function, such as public libraries, municipal museums and youth welfare work organizations.

### Social security funds

Subsector of the general government sector. It comprises the supervisory and executive bodies of social security schemes, such as the Employee Insurance Agency (UWV), the Health Care Institute Netherlands (ZIN), the Social Insurance Bank (SVB) and the Dutch Health Care Authority (NZA).

The executive institutions are responsible for the management of social security funds, such as the Old Age Fund (AOF) and the Unemployment Funds (SFN, AWF), which finance the social security schemes such as the old age benefits scheme (AOW) and the unemployment benefits scheme (WW).

Social security funds include:

- supervisory and executive bodies for social security regulations such as the Social Security Agency (UWV);
- social security funds that carry out the Compulsory Pension Funds Act, the Unemployment Insurance Act, etc.

## 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 balance sheets and transactions**

### **Opening balance sheet**

The opening balance sheet records the value of assets and liabilities at the start of the accounting period. The valuation principles depend on the type of assets/liabilities and applied accounting standards.

### **Financial transactions**

Financial transactions are transactions in financial assets and liabilities between units. A transaction is an economic flow that is an interaction between units by mutual agreement.

### **Other changes**

Other changes are changes in the value of assets or liabilities that do not result from transactions. For instance, revaluations due to price fluctuations, writing off bad debts and changes in classification. Other changes consist of price changes and revaluations and other volume changes.

### **Price changes and revaluations**

Price changes and revaluations are changes in the value of assets or liabilities as a result of price changes and/or revaluations, for instance, due to price fluctuations.

### **Other volume changes**

Other volume changes are changes in the balance sheets that cannot be attributed to financial transactions, price changes or revaluations. These changes include for example, entrances and exits of the discovery, depletion and degradation of natural assets, but also the effect of exceptional, unanticipated external events that are not economic in nature, and changes resulting from reclassification or restructuring of units or assets and liabilities.

### **Closing balance sheet**

The closing balance sheet records the value of assets and liabilities at the end of the accounting period. The valuation principles depend on the type of assets/liabilities and applied accounting standards.

## **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

Data on Labour is provided by the Labour Accounts of Statistics Netherlands. The Labour Accounts is an integrated system in which data on the labour market is coherent and consistent with National Accounts data. Data concerns employment at enterprises, institutions or private households in the Netherlands. All paid labour is included, regardless of a person's age, country of residence or the number of hours he or she works.

Employment is quantified in four different ways: the number of employed persons, the number of jobs of employed persons, the number of full-time equivalents (where part-time jobs are converted into full-time equivalent jobs), and the labour input based on the total number of hours 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 number of employed persons, jobs and full-time equivalents represent annual averages, and not the total number of all employed persons or jobs that existed over the course of a year. In addition, the Labour Accounts publishes on wages and salaries, compensation of employees and wage costs.

The Labour Accounts are compiled in accordance with the guidelines of the European System of Accounts 2010 (ESA 2010). Data is generated in a statistical integration process in which all available information is combined, leading to accurate estimates. 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 datasets on self-employed persons and their annual profits (Inkomensstatistiek). In 2018 the National Accounts and as part of it the Labour Accounts carried out a major revision for the reporting year 2015.

### Employed persons

Employed persons are persons working for an enterprise or institution established in the Netherlands or for a private household in the Netherlands.

Employed persons include all persons carrying out paid work, even if only for one or a few hours a week, even if they:

- work legally as such, but without registration for income tax and social security ("undeclared work");
- are temporarily not at work but continue to receive wages or salary (for instance owing to illness or hold-ups due to frost);
- have taken temporary unpaid leave.

Working persons can be divided into the categories of employees and self-employed persons. They may live in the Netherlands or in another country.

The number of employed persons in a particular sector does not reflect the total number of persons working in that sector, but the average number of persons whose main job is in the sector concerned. The number of employed persons (working in the Netherlands) is not the same as the employed labour force (resident in the Netherlands).

### Employees

Employees are persons carrying out paid work under an employment contract for an enterprise, institution or private household and whose payment (in money and/or in kind)

is recorded as employees' remuneration. In the Labour Accounts and the Employment and Earnings Statistics this also includes owners of corporations and quasi-corporations, whereas in the Labour Force Survey and the Income Statistics the owners of corporations and quasi-corporations are treated as self-employed persons.

### **Self-employed persons**

Self-employed persons are persons who work on own account in their own enterprise, or in the enterprise of a family member, or in an independently exercised profession. Household helpers, host parents, babysitters, newspaper and flyer deliverers are also considered self-employed. Unpaid family workers are included except in the case when there is an employment contract. In the labour accounts the owners of corporations and quasi-corporations are considered employees.

## **Jobs**

A job is an explicit or implicit contract between a person and a resident institutional unit (enterprise, institution or private household) to perform work in return for compensation for a defined period or until further notice. Not fulfilled jobs (vacancies) are excluded. In this definition of a job, both jobs of employees and self-employment jobs are covered. In the latter case the self-employed person (whether or not with others) coincides with the enterprise. As in the case of employees, the self-employed persons may hold more than one job.

## **Measure of labour input**

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

### **Full-time equivalent**

Labour input in full-time equivalents is a measure of labour volume, calculated by converting all full-time and part-time jobs to full-time jobs. In this way, when taken together, the volume of work of two half jobs (0.5 FTE each) totals one FTE.

### **Contractual hours**

Contractual hours are the number of hours that an employee is by contract considered to work in a defined period (week, month, etc.).

The contractual hours are calculated by subtracting paid overtime from the total hours paid.

Paid hours in which the employee did not work (paid leave) are not subtracted.

### **Paid overtime**

Paid overtime are the hours on top of the contractual hours that an employee works and gets fully paid for.

### **Hours paid**

Employees' working time for which wages are paid, in hours. This includes contract hours (including unworked but paid hours, as in the case of leave or sickness) and paid overtime hours. It does not include working time reduction hours, unpaid overtime and unpaid leave.

### **Hours actually worked**

The total number of hours which employees and/or self-employed people have actually worked during the reporting period. Unworked hours resulting from leave or sickness do not therefore count.



Employees' hours worked are calculated by adding unpaid overtime hours to the paid hours (contractual hours plus paid overtime hours) and deducting hours that are paid but not actually worked due to sickness, maternity and childbirth leave, strikes, bad weather, parental leave and short-term absenteeism. The hours worked by self-employed are determined directly.

## **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.

The compensation of employees exists of the following components: wages and salaries (including the income tax and the social contributions paid by the employee), bonuses or other exceptional payments (such as holiday pay), wages and salaries in kind, certain reimbursements of expenses incurred by employees in connection with employment (commuting costs), and employers' social contributions (statutory, conventional and contractual contributions to social security schemes or other employment-related social insurance schemes, such as employers' pension contribution).

### **Wages and salaries**

The remuneration paid by the employer for the employee who provides labour over a specific period. This includes the payroll tax deducted by the employer and the social contributions paid by the employee.

In addition to the periodic remuneration paid directly to employees, the wages and salaries also include supplements (such as gratuities, overtime pay, tips and commission), remuneration in kind (such as free accommodation, free meals, enterprise car, discounted childcare, advantageous interest rates and discounted travel) and holiday pay. Certain reimbursements of expenses incurred by employees in connection with employment, such as commuting costs, are counted as wages. The wage payment for hours that an employee does not work due to sickness absence is transferred to 'employers' social contributions'.

### **Employers' social contributions**

Employers' contributions for statutory social insurance, private social contributions (including pension contributions) and imputed social contributions (such as continued payment of wages in the event of sickness).

### **Labour costs**

The total of wages and employers' social contributions, plus final levies less labour cost subsidies.

### **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 2017 valued at prices of the year 2015). 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.



