

German Economy Winter 2015



Forecasting Center

The German economy is regaining momentum

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German GDP is expected to increase by 1.8 percent (2015), 2.2 percent (2016), and 2.3 percent (2017). With capacity utilization currently being at normal levels, Germany is on the road to overheating in the next years. GDP growth is backed by high growth rates in private consumption. In addition to the strong labor market that comes along with increasing employment and wages, temporary factors, such as low oil prices, lower income taxes, and higher transfer payments are further stimulating consumption in the current and the next year. Moreover, with increasing capacity utilization and very favorable financing conditions investment is expected to pick up over the forecast horizon. Exports are expected to regain momentum after a weak second half of the current year due to solid GDP growth in other advanced economies and strong gains in price competitiveness due to the depreciation of the euro. Additional government expenditures due to the high number of refugees will stimulate GDP growth somewhat but will not become a main driver of business cycle dynamics in Germany.

- Germany is regaining momentum after showing some weakness in autumn. Industrial production has been weak in the last months following sluggish exports. October figures are indicating at best a moderate increase in GDP in the fourth quarter. However, business confidence is still at reasonably high levels and increasing. This is particularly true for the service sector where firms' assessment of the current business situation is the best since the German reunification boom. Moreover, additional government expenditures associated with the high inflow of refugees are expected to stimulate GDP growth for the time being. Overall, we expect GDP to grow by 0.5 percent in the fourth quarter.
- Opening the labor market as fast as possible is key for the medium-run macroeconomic impact of the unprecedented influx of refugees. In our forecast, we assume that about 2.7 million refugees will arrive in Germany from 2015 to 2017 (2015: 1.1 million, 2016: 1 million, 2017: 0.6 million). Currently, their impact on the real economy works mainly via triggering additional public expenditures. These additional government expenditures will stimulate GDP growth temporarily, however, without becoming a main driver of business cycle dynamics in Germany. The medium- to long-run macroeconomic impact crucially depends on how fast the refugees will become available for the labor market and how fast they find employment. At the current juncture, they are facing significant legal and practical constraints. First, the legal procedures necessary to be granted asylum are expected to take about one year on average. Second, the minimum wage may be a significant obstacle for many refugees to get a job if their productivity is lower (e.g., due to skill mismatches or low language skills). The more these obstacles are reduced, the more favorable will be the medium-run outlook with regard to the refugee influx.

- Private consumption is still the main driver of economic expansion in Germany. Private consumption is expected to increase by 2 percent (2015), 2.3 percent (2016), and 2.2 percent (2017) due to strong growth in real disposable income of private households. The main driver of income growth is the strong labor market, which is reflected in increasing employment numbers and rising wages. Moreover, temporary factors are further stimulating real disposable income. While the slump in oil prices and the introduction of the minimum wage were important factors this year, a decline in income taxes and a strong increase in pension payments will temporarily stimulate growth in private consumption next year.
- Foreign trade will pick up after a weak second half of this year. Exports almost stagnated in the third quarter, and monthly indicators signal only moderate growth for the fourth quarter even though export expectations and foreign business confidence increased somewhat in November. Next year, export growth should gain momentum with foreign demand, in particular in other advanced economies, accelerating somewhat and with higher price competitiveness due to the depreciation of the euro. Imports are expected to grow with somewhat higher rates over the whole forecasting horizon because the upswing in Germany is driven mainly by domestic factors, increasing the demand for imports. Exports are expected to increase by 5.6 percent (2015), 5.2 percent (2016), and 6.4 percent (2017). Imports are expected to increase by 6 percent (2015), 6.7 percent (2016), and 7.6 percent (2018). Net exports will contribute 0.2 percentage points to GDP growth this year, and subtract 0.2 percentage points next year while being neutral in 2017.
- Gross Fixed Capital Formation is expected to pick up but to grow only with moderate rates. After a soft patch in the middle of the year, we expect GFCF growth to pick up in the fourth quarter. Short-run indicators signal that residential investment and construction will rebound in the fourth quarter. With very low interest rates and increasing demand for living space the outlook for residential investment is very good anyway. Also, growth in business investment is expected to accelerate with increasing capacity utilization over the forecast horizon. However, we expect business investment to grow somewhat less pronounced than in earlier upswings. The reason is that the somewhat sluggish investment activity in the recent years seems not only to be caused by a series of temporary dampening factors (such as high uncertainty) but mirrors also a weaker pattern of GFCF response to higher capacity utilization.
- After a record high budget surplus in the current year, the budget will be by and large balanced in 2016 and 2017. Expenditures for managing the influx of refugees are considerably higher than expected some months ago. So far, there are no signs that the government is planning to raise taxes or to cut other expenditures to finance these additional expenditures. However, public investment is also expected to increase. Gross public debt is expected to decline from about 75 percent (relative to GDP) in 2014 to about 65 percent in 2017.

Table 1:

Key indicators, 2014–2017

Rey mulcators, 2014–2017				
	2014	2015	2016	2017
Gross domestic product (GDP), price-adjusted	1.6	1.8	2.2	2.3
Gross domestic product, deflator	1.7	2.0	1.8	1.8
Consumer prices	0.9	0.3	1.2	1.8
Labor productivity (per hour worked)	0.4	0.6	1.2	1.4
Employment (1,000 persons)	42,703	43,027	43,441	43,870
Unemployment rate (percent)	6.7	6.4	6.3	6.3
In relation to nominal GDP				
Public sector net lending	0.3	0.9	0.1	0.2
Gross public debt	74.9	70.9	68.2	64.7
Current account balance	7.3	8.8	8.7	8.5

GDP, consumer prices, labor productivity: percentage change on previous year; unemployment rate: as defined by the Federal Employment Agency.

Source: Federal Statistical Office, Fachserie 18, Series 1.2; Federal Employment Agency, Monthly Bulletin; Federal Employment Agency, Employment Statistics; shaded: IfW forecast.

Data annex

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Figure 1.1: Leading indicators, 2007–2015

Leading indicators

1.





2007 2008 2009 2010 2011 2012 2013 2014 2015

Monthly data, seasonally adjusted; incoming orders in manufacturing and production: 3-month moving average.

Source: Deutsche Bundesbank, Saisonbereinigte Wirtschaftszahlen; ifo, Konjunkturperspektiven; own calculations.

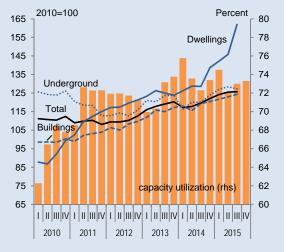
Figure 1.2: Capacity utilization, 2010–2015



Quarterly data, seasonally adjusted; capacity utilization in manufacturing (axes cross at normal capacity utilization).

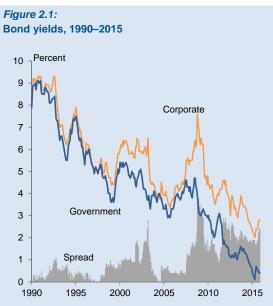
Source: EU Commission, Business Survey; Deutsche Bundesbank, Monthly Report.

Figure 1.3: Order stocks and capacity utilization in construction industry, 2010–2015



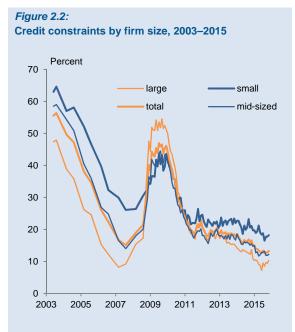
Quarterly data. Capacity utilization: seasonally adjusted (2014-Q4: october/november); order stocks: price, seasonally and workingday adjusted.

Source: Federal Statistical Office, GENESIS database; ifo, Konjunkturperspektiven.



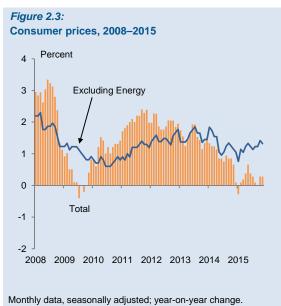
Monthly data, corporate bonds: maturing within 3 years; government bonds: maturing within 5 years.

Source: Deutsche Bundesbank, Monthly Reports; own calculations.



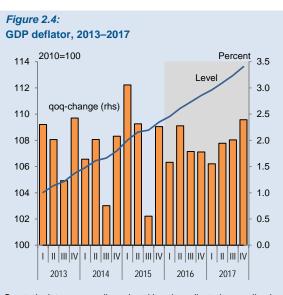
Monthly data since November 2008; share of firms assessing that credit access is restrictive.

Source: ifo, Credit Constraint Indicator.



wonting data, seasonally adjusted, year-on-year change.

Source: Deutsche Bundesbank, Seasonally adjusted business statistics; own calculations.



Quarterly data, seasonally and working-day adjusted, annualized.

Source: Federal Statistical Office, Fachserie 18, Series 1.3; own calculations; shaded: IfW forecast.

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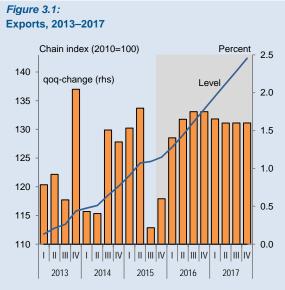
2. Monetary conditions and prices

<i>Table 2.1:</i> Projections and as	ssumpti	ions on	the int	ernatio	onal ei	nviron	iment,	2014-	-2017							
		201	4			20	15			20	16			20	17	
	I	П	Ш	IV	I	П		IV	Ι	Ш	III	IV	I	П	Ш	IV
ECB key interest rate	0.25	0.23	0.10	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Long-term interest rate	1.7	1.4	1.1	0.8	0.4	0.5	0.6	0.5	0.6	0.6	0.7	0.8	0.9	0.9	1.0	1.0
US-dollar/euro exchange rate	1.37	1.37	1.33	1.25	1.13	1.10	1.12	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09	1.09
Price competitive- ness Export markets	87.1 0.3	87.2 0.4	86.1 0.6	85.5 0.5	83.1 0.6	82.4 0.5	83.2 0.4	82.7 0.5	82.4 0.6	82.2 0.6	82.0 0.7	81.8 0.7	81.7 0.7	81.8 0.7	81.9 0.7	82.0 0.7
Oil price	0.3 107.9	0.4 109.8	102.1	76.0	0.8 54.1	62.1	49.9	0.5 45.0	45.1	0.8 47.0	0.7 50.0	0.7 52.0	0.7 54.0	0.7 57.0	60.0	62.0

ECB key interest rate: main refinancing operations; long-term interest rate on 9–10 year bonds; price competitiveness: against 36 trading partners, based on the deflators of total sales, index: 1991:I = 100, increasing values indicate deterioration of price competitiveness; export markets: GDP growth in 41 countries, weighted with shares in German exports, change over previous quarter. Oil Price: US-Dollar per barrel North Sea Brent.

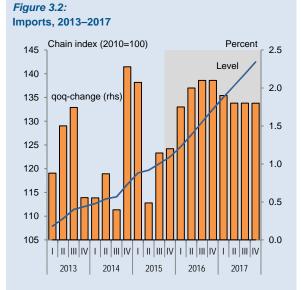
Source: ECB, Monthly Bulletin; Deutsche Bundesbank, Monthly Bulletin; IMF, International Financial Statistics; own calculations; shaded: IfW forecast or assumption.

External trade 3.



Quarterly data, volumes, seasonally and working-day adjusted.

Source: Federal Statistical Office, Fachserie 18, Series 1.3; shaded: IfW forecast.



Quarterly data, volumes, seasonally and working-day adjusted.

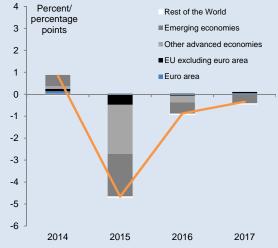
Source: Federal Statistical Office, Fachserie 18, Series 1.3; shaded: IfW forecast.

German export markets, 2014-2017 Percent, percentage points 4.0 Rest of the world Emerging economies 3.5 Other advanced economies 3.0 EU excluding euro area Euro Area 2.5 Total 2.0 1.5 1.0 0.5 0.0 2014 2015 2016 2017

Annual data, volumes; GDP growth in 59 countries, weighted with shares in German exports.

Sorces: Statistisches Bundesamt; national sources; 2015-2017: IfW forecast.

Figure 3.4: Germany's price competetiveness (56 countries, CPI), 2014-2017



Annual data; against 56 countries based on consumer prices; weights according to German's price competitiveness indicator against 56 trading partners based on consumer price indices of the Deutsche Bundesbank.

Source: Deutsche Bundesbank; national sources; 2015-2017: IfW forecast .

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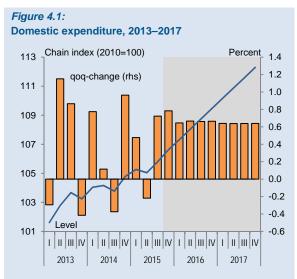
Figure 3.3:



Quarterly data; Exports, industrial production, order inflow: volumes, change on previous year; Export expectations, Foreign orders on hand: volumes; Business expectations, industrial production: Based on 41 countries weighted by shares of German exports.

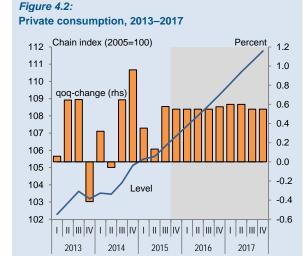
Source: Deutsche Bundesbank, Saisonbereinigte Wirtschaftszahlen (ong. vols); Thomson Financial Datastream; ifo, Konjunkturperspektiven (lfd. Jgg.); own calculations. 9

4. Domestic expenditure



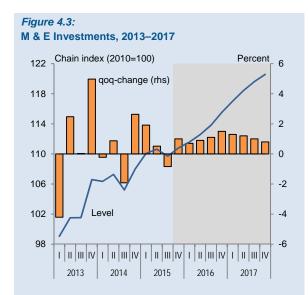
Quarterly data, volumes, seasonally and working-day adjusted.

Source: Federal Statistical Office, Fachserie 18, Series 1.3; shaded: IfW forecast.



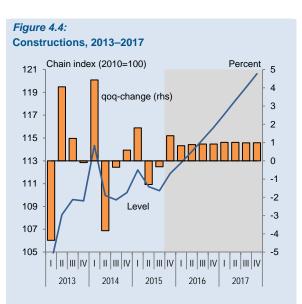
Quarterly data, volumes, seasonally and working-day adjusted.

Source: Federal Statistical Office, *Fachserie 18, Series 1.3*; shaded: IfW forecast.



Quarterly data, volumes, seasonally and working-day adjusted.

Source: Federal Statistical Office, *Fachserie 18, Series 1.3*; shaded: IfW forecast.





Source: Federal Statistical Office, Fachserie 18, Series; shaded: IfW forecast.

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Annual data; GFCF, machinery and equipment: volumes, change on previous year; output gap: in percent of potential output.

Source: Federal Statistical Office, *Fachserie 18, Series 1.2*; own calculations; shaded: IfW forecast.

Table 4.1:

Gross fixed capital formation, 2014–2017

	2014	2015	2016	2017
Total	3.5	2.2	2.9	3.6
Corporate investment	3.7	2.4	2.6	3.4
Machinery and equipment	4.5	4.2	3.0	4.3
Construction (non-				
dwellings)	2.3	-2.1	1.4	1.9
Other	3.1	2.7	2.7	3.0
Dwellings	3.3	2.7	3.6	4.0
Public (nondwellings)	2.7	-1.9	3.6	3.3
Memorandum item:				
Construction	2.9	0.8	3.0	3.3

Volumes; change over previous year in percent.

Source: Federal Statistical Office, *Fachserie 18, Series 1.2*; shaded: IfW forecast.

5. Industries

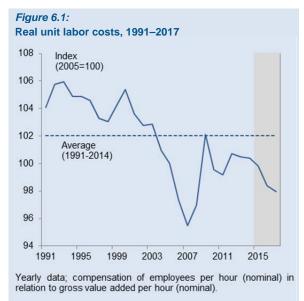
Table 5.1:

Gross value added for industries 2015–2016

		2015			2016	
	Ш	Ш	IV	I	П	
		Seaso	onally and c	alendar ad	usted,	
		quarter	-on-quarter	change in	percent	
Gross domestic product	0.4	0.3	0.5	0.6	0.6	0.6
Gross value added	0.3	0.2	0.5	0.6	0.6	0.6
Industry excluding construction	0.8	-0.1	-0.2	0.5	0.7	0.7
Manufacturing	0.6	-0.2	-0.2	0.5	0.7	0.7
Construction	-1.0	-0.7	1.3	1.0	1.0	1.0
Trade, transport, accommodation, and food services	-0.4	0.3	1.0	0.8	0.8	0.8
Information and communication	1.9	0.8	1.6	1.3	1.2	1.2
Financial and insurance services	-1.5	-0.6	-0.2	-0.2	-0.2	-0.2
Real estate activities	0.4	0.9	0.5	0.5	0.5	0.5
Business services	1.3	0.5	1.1	0.8	0.7	0.7
Public services, education, health	-0.4	0.2	0.6	0.5	0.5	0.5
Other services	0.4	0.1	0.1	0.2	0.2	0.2

Source: Federal Statistical Office, Fachserie 18, Series 1.2 and 1.3; shaded: IfW forecast.

6. Wages



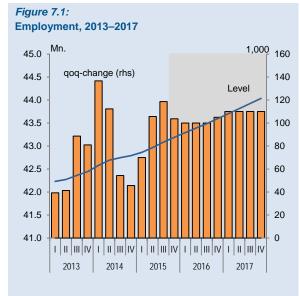
Source: Federal Employment Agency, Fachserie 18, Series 1.2; shaded: IfW forecast.

<i>Table 6.1:</i> Wages and productivity	, 2014 –2	2017		
	2014	2015	2016	2017
Per hour				
Negotiated wages	3.0	2.4	2.6	2.9
Gross wages and				
salaries	2.1	2.4	2.2	3.2
Wage drift	-0.9	0.0	-0.4	0.3
Compensation of				
employees	2.0	2.2	2.1	3.0
Labor productivity	0.4	0.6	1.2	1.4
Unit labor costs	1.7	1.6	0.9	1.6
Unit labor costs (real)	-0.1	-0.4	-0.9	-0.2
Per capita				
Negotiated wages	2.9	2.4	2.6	2.9
Gross wages and				
salaries	2.7	2.9	2.3	3.0
Wage drift	-0.2	0.6	-0.3	0.1
Compensation of				
employees	2.6	2.8	2.1	2.9
Labor productivity	0.7	1.0	1.3	1.3
Unit labor costs	1.9	1.8	0.9	1.6
Unit labor costs (real)	0.2	-0.2	-0.9	-0.3

Change over previous year in percent; wage drift: difference between change of negotiated wages and change of gross wages and salaries in percentage points; labor productivity: real GDP per hour or per capita; unit labor costs: compensation of employees (per hour or per capita) in relation to labor productivity; unit labor costs (real): unit labor costs deflated by GDP deflator.

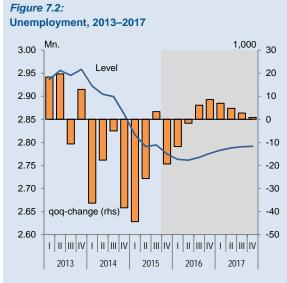
Source: Federal Statistical Office, Fachserie 18, Series 1.2; Deutsche Bundesbank, Negotiated Pay Rate Statistics; shaded: IfW forecast.

7. Employment



Quarterly data, seasonally adjusted.

Source: Federal Statistical Office, *Fachserie 18, Series 1.3*; shaded: IfW forecast.



Quarterly data, seasonally adjusted.

Source: Federal Employment Agency, Monthly Bulletin; shaded: IfW forecast.

Table 7.1:

Employment, 201	3–2017 (1	1,000	persons)
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2013	2014	2015	2016	2017
57,639	58,349	59,037	59,636	60,188
42,328	42,703	43,027	43,441	43,870
4,459	4,397	4,301	4,255	4,215
37,869	38,305	38,726	39,186	39,655
29,729	30,219	30,801	31,154	31,649
5,018	5,028	4,843	4,811	4,811
59	63	68	67	67
42,269	42,639	42,959	43,375	43,804
37,810	38,242	38,658	39,120	39,589
2,949	2,897	2,794	2,767	2,788
6.9	6.7	6.4	6.3	6.3
4.9	4.7	4.3	4.0	3.7
	42,328 4,459 37,869 29,729 5,018 59 42,269 37,810 2,949 6.9	$\begin{array}{ccccc} 57,639 & 58,349 \\ 42,328 & 42,703 \\ 4,459 & 4,397 \\ 37,869 & 38,305 \\ 29,729 & 30,219 \\ 5,018 & 5,028 \\ 59 & 63 \\ 42,269 & 42,639 \\ 37,810 & 38,242 \\ 2,949 & 2,897 \\ 6.9 & 6.7 \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Self-employed: including family workers; unemployed persons (registered): definition of the Federal Employment Agency (BA).

Source: Federal Statistical Office, Fachserie 18, Series 1.2; Federal Employment Agency, Monthly Bulletin; Federal Employment Agency, Employment Statistics; shaded: IfW forecast.

8. Public finances

Table 8.1:

Revenues and expenditures of the general government, 2013-2017 (bn. euro)

Revenues1,252.51,299.61,351.4 \succ relative to GDP44.444.644.6Taxes637.4659.6692.9 \succ relative to GDP22.622.622.9Social contributions464.9481.9501.3 \flat relative to GDP16.516.516.6Other revenues150.1158.1157.2 \succ relative to GDP44.544.343.7Compensation of employees218.6224.6231.6Intermediate consumption135.0138.6143.0Social transfers in kind227.1240.1254.4Gross capital formation63.563.264.3Capital transfers56.051.546.7Social transfers30.635.929.3Other expenditures-1.3-1.3-6.5Net lending/net borrowing-3.18.928.4 \succ relative to GDP-0.10.30.9Revenues of central, state, and local governments813.6844.0876.6Transfers from social security funds722.3737.7748.1Transfers to social security funds722.3737.7748.1Transfers to social security funds733.3554.0577.7Net of transfers to social security funds539.757.4577.7Net of transfers to social security funds533.3553.0574.9Net of transfers to social security funds533.3553.0574.9Net of transfers to soc	2016	2017
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► relative to GDP22.622.622.9Social contributions464.9481.9501.3► relative to GDP16.516.516.6Other revenues150.1158.1157.2► relative to GDP5.35.45.2Expenditures1,255.61,290.71,322.9► relative to GDP44.544.343.7Compensation of employees218.6224.6231.6Docial transfers in kind227.1240.1254.4Goscial transfers in kind227.1240.1254.4Goscial transfers56.051.546.7Social transfers56.051.546.7Social transfers63.061.662.2Other current transfers63.061.662.2Other current transfers63.061.662.2Other current transfers and investment grants30.635.929.3Other expenditures-1.3-1.3-6.5Vet lending/net borrowing-3.18.928.4► relative to GDP-0.10.30.9Revenues of central, state, and local governments813.6844.0876.6Transfers from social security funds10.0101.8103.0Vet of transfers to social security funds70.7748.1Transfers to social security funds70.370.7Vet of transfers to social security funds739.7557.4Growernments539.7557.4577.7Vet of t	44.0	44.0
Social contributions 464.9 481.9 501.3 > relative to GDP 16.5 16.6 Other revenues 150.1 158.1 > relative to GDP 5.3 5.4 > relative to GDP 44.5 44.3 > relative to GDP 218.6 224.6 ≥ relative to GDP 218.6 224.6 > relative to GDP 43.57 Compensation of employees 218.6 224.6 231.6 ntermediate consumption 135.0 138.6 143.0 227.1 240.1 254.4 Gross capital formation 63.5 63.2 64.3 Capital transfers 56.0 51.5 46.7 Social benefits 438.6 451.0 471.3 Subsidies 24.4 25.5 26.5 Other current transfers 63.0 61.6 62.2 Other current transfers and investment grants 30.6 35.9 29.3 Other expenditures -1.3 -1.3 -6.5 Net of transfers from social security funds 813.6 844.0 876.6 Transfers from social security funds 10.0 1.1 1.1 Expenditures of central, state, and local $governments$ 823.1 839.5 851.0 Net of transfers to social security funds 100.8 101.8 100.0 103.0 Net of transfers from central, state, and local $governments$ 63.7 57.4 577.7 Net of transfers from central, state, and local 33.3 553.0	712.2	744.4
→ relative to GDP 16.5 16.5 16.6 Dther revenues 150.1 158.1 157.2 > relative to GDP 5.3 5.4 5.2 Expenditures 1,255.6 1,290.7 1,322.9 > relative to GDP 44.5 44.3 43.7 Compensation of employees 218.6 224.6 231.6 Docial transfers in kind 227.1 240.1 254.4 Goscial transfers 56.0 51.5 46.7 Social transfers 56.0 51.5 46.7 Social benefits 438.6 451.0 471.3 Subsidies 24.4 25.5 26.5 Other capital transfers 63.0 61.6 62.2 Dither capital transfers and investment grants 30.6 35.9 29.3 Dither capital transfers from social security funds 11.3 -1.3 -1.3 Vet lending/net borrowing -3.1 8.9 28.4 y relative to GDP -0.1 0.3 0.9 Revenues of ce	22.6	22.6
→ relative to GDP 16.5 16.5 16.6 Dther revenues 150.1 158.1 157.2 > relative to GDP 5.3 5.4 5.2 Expenditures 1,255.6 1,290.7 1,322.9 > relative to GDP 44.5 44.3 43.7 Compensation of employees 218.6 224.6 231.6 Docial transfers in kind 227.1 240.1 254.4 Goscial transfers 56.0 51.5 46.7 Social transfers 56.0 51.5 46.7 Social benefits 438.6 451.0 471.3 Subsidies 24.4 25.5 26.5 Other capital transfers 63.0 61.6 62.2 Dither capital transfers and investment grants 30.6 35.9 29.3 Dither capital transfers from social security funds 11.3 -1.3 -1.3 Vet lending/net borrowing -3.1 8.9 28.4 y relative to GDP -0.1 0.3 0.9 Revenues of ce	518.2	541.6
Dther revenues 150.1 158.1 157.2 > relative to GDP 5.3 5.4 5.2 Expenditures 1,255.6 1,290.7 1,322.9 > relative to GDP 44.5 44.3 43.7 Compensation of employees 218.6 224.6 231.6 Intermediate consumption 135.0 138.6 143.0 Social transfers in kind 227.1 240.1 254.4 Capital transfers 56.0 51.5 46.7 Social benefits 438.6 451.0 471.3 Subsidies 24.4 25.5 26.5 Other capital transfers and investment grants 30.6 35.9 29.3 Other capital transfers and investment grants 30.6 35.9 29.3 Other capital transfers from social security funds 11.3 -1.3 -6.5 Vet lending/net borrowing -3.1 8.9 28.4 > relative to GDP -0.1 0.3 0.9 Revenues of central, state, and local governments 823.1 839.5	16.4	16.5
Expenditures1,255.61,290.71,322.9 e relative to GDP44.544.343.7Compensation of employees218.6224.6231.6Intermediate consumption135.0138.6143.0Social transfers in kind227.1240.1254.4Gross capital formation63.563.264.3Capital transfers56.051.546.7Social benefits438.6451.0471.3Subsidies24.425.526.5Other current transfers63.061.662.2Other capital transfers and investment grants30.635.929.3Other expenditures-1.3-1.3-6.5Net lending/net borrowing-3.18.928.4 $erelative to GDP$ -0.10.30.9Revenues of central, state, and local governments814.7845.1877.7Net of transfers from social security funds10.01.11.1Expenditures of central, state, and local governments823.1839.5851.0Net of transfers to social security funds100.8101.8103.0Vet lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds100.8101.8103.0Vet lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds139.7557.4577.7Net of transfers from central, state, and local gover	159.0	161.6
Felative to GDP 44.5 44.3 43.7 Compensation of employees 218.6 224.6 231.6 Intermediate consumption 135.0 138.6 143.0 Social transfers in kind 227.1 240.1 254.4 Gross capital formation 63.5 63.2 64.3 Capital transfers 56.0 51.5 46.7 Social benefits 438.6 451.0 471.3 Subsidies 24.4 25.5 26.5 Other current transfers and investment grants 30.6 35.9 29.3 Other capital transfers and investment grants 30.6 35.9 28.4 > relative to GDP -0.1 0.3 0.9 Revenues of central, state, and local governments 814.7 845.1 877.7 Vet of transfers from social security funds 1.0 1.1 1.1 1.1 Expenditures of central, state, and local governments 823.1 839.5 851.0 Vet of transfers to social security funds 722.3 737.7 748.	5.0	4.9
- relative to GDP 44.5 44.3 43.7 Compensation of employees 218.6 224.6 231.6 Intermediate consumption 135.0 138.6 143.0 Social transfers in kind 227.1 240.1 254.4 Gross capital formation 63.5 63.2 64.3 Capital transfers 56.0 51.5 46.7 Social benefits 438.6 451.0 471.3 Subsidies 24.4 25.5 26.5 Other current transfers and investment grants 30.6 35.9 29.3 Other capital transfers and investment grants 30.6 35.9 28.4 > relative to GDP -0.1 0.3 0.9 Revenues of central, state, and local governments 814.7 845.1 877.7 Vet of transfers from social security funds 1.0 1.1 1.1 1.1 Expenditures of central, state, and local governments 823.1 839.5 851.0 Vet of transfers to social security funds 722.3 737.7 74	1,387.1	1,441.8
Intermediate consumption135.0138.6143.0Social transfers in kind227.1240.1254.4Gross capital formation63.563.264.3Social benefits438.6451.0471.3Subsidies24.425.526.5Other current transfers and investment grants30.635.929.3Other capital transfers and investment grants30.635.929.3Other capital transfers and investment grants-1.3-1.3-6.5Vet lending/net borrowing-3.18.928.4 \sim relative to GDP-0.10.30.9Revenues of central, state, and local governments813.6844.0876.6Gransfers from social security funds1.01.11.1Expenditures to social security funds722.3737.7748.1Governments823.1839.5851.0Net of transfers to social security funds100.8101.8103.0Net of transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers form central, state, and local governments533.3553.0574.9	44.0	43.8
Intermediate consumption135.0138.6143.0Social transfers in kind227.1240.1254.4Gross capital formation63.566.264.3Capital transfers56.051.546.7Social benefits438.6451.0471.3Subsidies24.425.526.5Other current transfers and investment grants30.635.929.3Other capital transfers and investment grants30.635.929.3Other expenditures-1.3-1.3-6.5Net lending/net borrowing-3.18.928.4> relative to GDP-0.10.30.9Revenues of central, state, and local governments813.6844.0876.6Irransfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0Net of transfers to social security funds722.3737.7748.1Irransfers to social security funds100.8101.8103.0Net of transfers to social security funds100.8101.8103.0Net of transfers to social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers from central, state, and local governments533.3553.0574.9	239.1	245.9
Gross capital formation63.563.264.3Capital transfers56.051.546.7Social benefits438.6451.0471.3Subsidies24.425.526.5Other current transfers63.061.662.2Other capital transfers and investment grants30.635.929.3Other expenditures-1.3-1.3-6.5Net lending/net borrowing-3.18.928.4> relative to GDP-0.10.30.9Revenues of central, state, and local governments813.6844.0876.6Gransfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0Revenues of central, state, and local governments722.3737.7748.1Irransfers to social security funds722.3737.7748.1Irransfers to social security funds100.8101.8103.0Net of transfers to social security funds539.755.626.6Revenues of social security funds138.9455.7474.8governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers from central, state, and local governments533.3553.0574.9	148.4	153.9
Gross capital formation63.563.264.3Capital transfers56.051.546.7Social benefits438.6451.0471.3Subsidies24.425.526.5Other current transfers63.061.662.2Other capital transfers and investment grants30.635.929.3Other expenditures-1.3-1.3-6.5Net lending/net borrowing-3.18.928.4> relative to GDP-0.10.30.9Revenues of central, state, and local governments813.6844.0876.6Gransfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0Revenues of central, state, and local governments722.3737.7748.1Irransfers to social security funds722.3737.7748.1Irransfers to social security funds100.8101.8103.0Net of transfers to social security funds539.755.626.6Revenues of social security funds138.9455.7474.8governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers from central, state, and local governments533.3553.0574.9	273.0	286.8
Capital transfers56.051.546.7Social benefits438.6451.0471.3Subsidies24.425.526.5Other current transfers63.061.662.2Other capital transfers and investment grants30.635.929.3Other expenditures-1.3-1.3-6.5Net lending/net borrowing-3.18.928.4> relative to GDP-0.10.30.9Revenues of central, state, and local governments814.7845.1877.7Net of transfers from social security funds813.6844.0876.6Transfers for social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0Net of transfers to social security funds722.3737.7748.1Transfers to social security funds722.3737.7748.1Transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net of transfers from central, state, and local government-8.55.626.6Revenues of social security funds539.757.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9	67.0	70.4
Social benefits438.6451.0471.3Subsidies 24.4 25.5 26.5 Other current transfers 63.0 61.6 62.2 Other capital transfers and investment grants 30.6 35.9 29.3 Other expenditures -1.3 -1.3 -6.5 Net lending/net borrowing -3.1 8.9 28.4 > relative to GDP -0.1 0.3 0.9 Revenues of central, state, and local governments 814.7 845.1 877.7 Net of transfers from social security funds 813.6 844.0 876.6 Transfers from social security funds 1.0 1.1 1.1 Expenditures of central, state, and local governments 823.1 839.5 851.0 Net of transfers to social security funds 722.3 737.7 748.1 Transfers to social security funds 100.8 101.8 103.0 Net ending/net borrowing central, state, and local government -8.5 5.6 26.6 Revenues of social security funds 539.7 57.4 577.7 Net of transfers from central, state, and local governments 438.9 455.7 474.8 Expenditures of social security funds 534.3 554.1 575.9 Net of transfers to central, state, and local governments 533.3 553.0 574.9	43.7	42.5
Other current transfers63.061.662.2Other capital transfers and investment grants30.635.929.3Other expenditures-1.3-1.3-6.5Net lending/net borrowing-3.18.928.4> relative to GDP-0.10.30.9Revenues of central, state, and local governments814.7845.1877.7Net of transfers from social security funds813.6844.0876.6Transfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0governments823.1839.5851.0Net of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9	497.5	519.2
Other capital transfers and investment grants 30.6 35.9 29.3 Other expenditures -1.3 -1.3 -1.3 -6.5 Net lending/net borrowing -3.1 8.9 28.4 \sim relative to GDP -0.1 0.3 0.9 Revenues of central, state, and local 814.7 845.1 877.7 governments 813.6 844.0 876.6 Transfers from social security funds 1.0 1.1 1.1 Expenditures of central, state, and local $governments$ 823.1 839.5 governments 823.1 839.5 851.0 governments 823.1 839.5 851.0 Vet of transfers to social security funds 722.3 737.7 Transfers to social security funds 100.8 101.8 103.0 Net of transfers to social security funds 539.7 557.4 577.7 Net of transfers from central, state, and local $government$ 438.9 455.7 474.8 Expenditures of social security funds 534.3 554.1 575.9 Net of transfers from central, state, and local 533.3 553.0 574.9	27.2	27.9
Other expenditures-1.3-1.3-1.3-6.5Vet lending/net borrowing-3.18.928.4> relative to GDP-0.10.30.9Revenues of central, state, and local governments814.7845.1877.7Net of transfers from social security funds813.6844.0876.6Transfers from social security funds813.6844.0876.6Governments823.1839.5851.0governments823.1839.5851.0Set of transfers to social security funds722.3737.7748.1Transfers to social security funds722.3737.7748.1Transfers to social security funds539.7557.4577.7Net of transfers from central, state, and local governments539.7557.4577.7Net of transfers from central, state, and local governments534.3554.1575.9Expenditures of social security funds533.3553.0574.9	62.1	65.8
Net lending/net borrowing > relative to GDP-3.1 -0.18.9 0.328.4 0.9Revenues of central, state, and local governments814.7845.1877.7 845.1Net of transfers from social security funds813.6844.0876.6 876.6Transfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0 851.0Spenditures of central, state, and local governments823.1839.5851.0 10.0Net of transfers to social security funds722.3737.7748.1 103.0Transfers to social security funds722.3737.7748.1 103.0Net of transfers to social security funds725.355626.6Revenues of social security funds539.7557.4577.7 474.8Vet of transfers from central, state, and local governments438.9455.7474.8Spenditures of social security funds534.3554.1575.9Net of transfers from central, state, and local governments533.3553.0574.9	30.4	30.8
relative to GDP-0.10.30.9Revenues of central, state, and local governments814.7845.1877.7Net of transfers from social security funds813.6844.0876.6Transfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0governments823.1839.5851.0Net of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers from central, state, and local governments533.3553.0574.9	-1.3	-1.3
relative to GDP-0.10.30.9Revenues of central, state, and local governments814.7845.1877.7Net of transfers from social security funds813.6844.0876.6Transfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0governments823.1839.5851.0Vet of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Vet of transfers to central, state, and local governments533.3553.0574.9	2.2	5.7
governments814.7845.1877.7Net of transfers from social security funds813.6844.0876.6Transfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0Net of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9	0.1	0.2
governments814.7845.1877.7Net of transfers from social security funds813.6844.0876.6Transfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1839.5851.0Net of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9		
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Transfers from social security funds1.01.11.1Expenditures of central, state, and local governments823.1 722.3839.5 737.7851.0Net of transfers to social security funds722.3 100.8737.7748.1 103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds governments534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9	898.3	933.8
governments823.1839.5851.0Net of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds governments534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9	1.1	1.1
governments823.1839.5851.0Vet of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Vet lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds governments534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9		
Net of transfers to social security funds722.3737.7748.1Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds governments534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9	898.1	932.4
Transfers to social security funds100.8101.8103.0Net lending/net borrowing central, state, and local government-8.55.626.6Revenues of social security funds governments539.7557.4577.7Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds governments534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9	790.5	820.9
and local government-8.55.626.6Revenues of social security funds governments539.7557.4577.7Vet of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds vet of transfers to central, state, and local governments534.3554.1575.9State of transfers to central, state, and local governments533.3553.0574.9	107.5	111.5
and local government-8.55.626.6Revenues of social security funds governments539.7557.4577.7Vet of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds vet of transfers to central, state, and local governments534.3554.1575.9Vet of transfers to central, state, and local governments533.3553.0574.9		
Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds Net of transfers to central, state, and local governments534.3554.1575.9State533.3553.0574.9	1.3	2.4
Net of transfers from central, state, and local governments438.9455.7474.8Expenditures of social security funds Net of transfers to central, state, and local governments534.3554.1575.9State533.3553.0574.9	598.6	625.4
governments438.9455.7474.8Expenditures of social security funds534.3554.1575.9Net of transfers to central, state, and local governments533.3553.0574.9		
Net of transfers to central, state, and local 533.3 553.0 574.9 governments	491.1	513.8
governments 533.3 553.0 574.9	597.7	622.1
Net lending/net borrowing social security	596.6	621.0
funds 5.3 3.4 1.8	0.9	3.3

Source: Federal Statistical Office, internal worksheet, shaded: IfW forecast.

9. GDP and its components

Table 9.1:

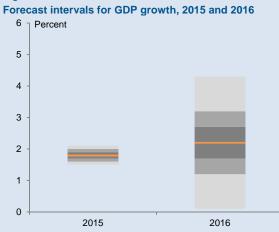
Quarterly data, 2015-2017

		20)15			20)16			20)17	
	I	Ш	Ш	IV	I	Ш	Ш	IV	I	П	Ш	IV
Gross domestic product	0.3	0.4	0.3	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Private consumption	0.4	0.1	0.6	0.5	0.6	0.5	0.5	0.6	0.6	0.6	0.5	0.6
Government consumption	0.4	0.7	1.3	1.2	0.9	0.6	0.5	0.5	0.5	0.5	0.5	0.5
Machinery and equipment	1.9	0.5	-0.8	1.0	0.7	0.9	1.1	1.5	1.3	1.2	1.0	0.8
Constructions	1.8	-1.3	-0.3	1.4	0.8	0.9	0.9	0.9	1.0	1.0	1.0	1.0
Other investment	0.8	0.7	0.6	0.6	0.6	0.7	0.8	0.8	0.8	0.7	0.7	0.6
Change in inventories	-0.1	-0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Domestic expenditure	0.5	-0.2	0.7	0.8	0.6	0.7	0.7	0.7	0.6	0.6	0.6	0.6
Exports	1.5	1.8	0.2	0.6	1.4	1.6	1.7	1.7	1.7	1.6	1.6	1.6
Imports	2.1	0.5	1.1	1.2	1.8	2.0	2.1	2.1	1.9	1.8	1.8	1.8
Net exports	-0.1	0.6	-0.4	-0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Employment (domestic)	42,862	42,968	43,086	43,190	43,290	43,390	43,490	43,595	43,705	43,815	43,925	44,035
Unemployment (registered)	2,818	2,792	2,794	2,775	2,763	2,761	2,768	2,776	2,783	2,788	2,791	2,791

Volumes, seasonally and working-day adjusted. Change on previous quarter in percent; change in inventories, net exports: Lundberg component (contribution to GDP growth); employment, unemployment: seasonally adjusted, 1,000 persons; unemployment: as defined by the Federal Employment Agency (BA).

Source: Federal Statistical Office, Fachserie 18, Series 1.3; Federal Employment Agency, Monthly Bulletin; shaded: IfW forecast.

Figure 9.1:



GDP: volumes, change over previous year. Point forecasts: orange lines. Forecast intervalls greay shaded areas with confidence levels of 33, 66, and 95 percent. Confidence levels calculated based on historical forecast erros of the Kiel Institute in the fourth quarter 1994–2013.

Source: Own calculations.

10. The German Economy, 2014–2017

	2015	2014	2015	2016	2017
	€bill.	Cha	ange over prev	/ious year in p	ercent
GDP (constant prices)		1.6	1.8	2.2	2.3
Private consumption expenditure		0.9	2.0	2.3	2.2
Public consumption expenditure		1.7	2.7	3.5	2.1
Total fixed investment		3.5	2.2	2.9	3.6
Machinery and equipment		4.5	4.2	3.0	4.3
Construction		2.9	0.8	3.0	3.3
Other equipment		3.1	2.7	2.7	3.0
Changes in stocks		-0.3	-0.5	-0.1	0.0
Domestic Demand		1.3	1.6	2.6	2.5
Exports		4.0	5.6	5.2	6.4
Imports		3.7	6.0	6.7	7.6
•		0.4	0.0	-0.2	0.0
Net exports	3,027.0	0.4 3.4	3.8	-0.2 4.1	4.2
GDP (current prices)					
Private consumption expenditure	1,634.1	1.9	2.6	3.5	3.8
Public consumption expenditure	589.5	4.1	4.5	5.3	4.1
Total fixed investment	606.1	5.0	3.6	4.7	5.8
Machinery and equipment	198.6	4.7	4.6	3.6	5.0
Construction	299.1	5.2	2.5	5.4	6.6
Other equipment	108.4	4.8	4.7	4.7	5.1
Changes in stocks (€bill.)		-22.0	-39.6	-44.9	-45.5
Domestic Demand	2,790.0	2.6	2.6	4.0	4.3
Exports	1,422.7	3.9	6.7	5.3	7.9
Imports	1,185.7	2.1	4.3	5.3	9.0
Net exports (€ bill.)		196.4	237.0	248.8	255.1
Gross national income	3,093.3	3.5	3.7	4.0	4.2
Deflator of GDP		1.7	2.0	1.8	1.8
Private consumption expenditure		0.9	0.7	1.1	1.6
Public consumption expenditure		2.3	1.8	1.7	2.0
Investment in machinery and equipment		0.2	0.4	0.5	0.7
Investment in construction		2.3	1.7	2.4	3.2
Investment in other equipment		1.6	2.0	2.0	2.0
Exports		-0.1	1.0	0.0	1.4
Imports		-1.6	-1.6	-1.2	1.2
Addendum: Consumer prices		0.9	0.3	1.2	1.8
Income distribution					-
National income	2,265.0	3.8	4.1	4.4	4.6
Employment income	1,543.9	3.8	3.9	3.4	4.1
in percent of national income	1,010.0	68.3	68.2	67.5	67.2
Entrepreneurial and property income	721.1	3.8	4.4	6.6	5.6
Disposable income of private households	1,759.6	2.3	2.9	3.6	3.6
Savings rate	1,755.0	9.5	9.7	9.7	9.5
Wages and salaries	1,263.0	9.5 3.9	9.7 4.1	9.7 3.5	9.5 4.2
	1,203.0	3.9 2.1	4.1 2.4	3.5 2.2	4.2 3.2
Wage per hour					
Unit labor costs		1.7	1.6	0.9	1.6
Productivity per hour		0.4	0.6	1.2	1.4 2.799
Unemployment (1000)		2,897	2,794	2,767	2,788
Rate of unemployment (percent)		6.7	6.4	6.3	6.3
Total employment (1000)		42,703	43,027	43,441	43,870
Public sector budget balance (€ bill.)		8.9	28.4	2.2	5.7
Public sector budget balance (in percent of GDP)		0.3	0.9	0.1	0.2
Government debt (in percent of GDP)		74.9	70.9	68.2	64.7

Change in stocks, net exports: contribution to GDP growth.

Source: Federal Statistical Office, Fachserie 18, Series 1.2; shaded: IfW forecast.

11. National accounts

Forecast period: 2014 to 2016					4.0		47
	2015	2016	2017	20 H1	16 H2	20 H1	17 H2
		,		111	112	111	112
1. Production							
Change over the same period of the preceding year							
Persons in employment	0.8	1.0	1.0	1.0	0.9	1.0	1.0
Hours w orked	1.2	1.0	0.9	1.6	0.5	0.9	0.9
Hours worked by person in employment	0.4	0.1	- 0.1	0.6	- 0.5	- 0.1	- 0.1
Labor productivity 1	0.6	1.2	1.4	0.9	1.6	1.5	1.2
Gross domestic product, price-adjusted	1.8	2.2	2.3	2.4	2.0	2.4	2.2
2. Use of gross domestic product at current	nrices						
a) EUR bn.							
Consumption expenditure	2 223.6	2 311.9	2 401.3	1 125.0	1 186.9	1 167.7	1 233.6
Private households 2	1 634.1	1 691.4	1 755.2	824.8	866.6	854.7	900.5
Government	589.5	620.5	646.1	300.2	320.3	313.1	333.1
Gross fixed capital formation	606.1	634.5	671.3	302.7	331.8	321.4	349.9
Machinery and equipment	198.6	205.7	215.9	97.2	108.5	102.8	113.1
Construction	299.1	315.3	336.0	150.3	165.0	160.6	175.5
Other products	108.4	113.6	119.4	55.2	58.4	58.0	61.3
Changes in inventories 3	- 39.6	- 44.9	- 45.5	- 10.6	- 34.3	- 9.5	- 36.0
Domestic expenditure	2 790.0	2 901.5	3 027.1	1 417.1	1 484.4	1 479.7	1 547.5
Net exports	237.0	248.8	255.1	127.2	121.6	130.4	124.7
Exports	1 422.7	1 497.9	1 616.0	730.0	767.9	791.0	825.1
Imports	1 185.7	1 249.1	1 360.9	602.8	646.3	660.5	700.4
Gross domestic product	3 027.0	3 150.4	3 282.2	1 544.4	1 606.0	1 610.1	1 672.1
b) Change over the same period of the preceding y	oor in %						
Consumption expenditure	3.1	4.0	3.9	4.1	3.8	3.8	3.9
Private households ²	2.6	3.5	3.8	3.5	3.5	3.6	3.9
Government	4.5	5.3	4.1	5.7	4.8	4.3	4.0
Gross fixed capital formation	3.6	4.7	5.8	4.3	5.0	6.2	5.4
Machinery and equipment	4.6	3.6	5.0	3.2	3.9	5.7	4.3
Construction	2.5	5.4	6.6	4.9	5.9	6.8	6.4
Other products	4.7	4.7	5.1	4.6	4.9	5.2	5.0
Domestic expenditure	2.6	4.0	4.3	4.0	4.0	4.4	4.2
Exports	6.7	5.3	7.9	4.5	6.0	8.3	7.4
4 · · ·	4.3	5.3	9.0	4.1	6.5	9.6	8.4
Imports							
Imports Gross domestic product	4.3	4.1	4.2	4.2	4.0	4.3	4.1
Gross domestic product	3.8			4.2	4.0	4.3	4.1
Gross domestic product 3. Use of gross domestic product, price-adju	3.8			4.2	4.0	4.3	4.1
Gross domestic product 3. Use of gross domestic product, price-adju a) EUR bn.	3.8 sted (chain-link	ed, 2010=100))				
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure	3.8 sted (chain-link 2 063.7	ed, 2010=100) 2 163.9	1 038.2	1 080.2	1 060.1	1 103.8
Gross domestic product 3. Use of gross domestic product, price-adju a) EUR bn.	3.8 sted (chain-link 2 063.7 1 532.9	ed, 2010=100 2 118.4 1 568.9	2 163.9 1 603.1	1 038.2 767.2	1 080.2 801.7	1 060.1 783.3	1 103.8 819.8
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government	3.8 sted (chain-link 2 063.7	ed, 2010=100) 2 163.9	1 038.2	1 080.2	1 060.1	1 103.8
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation	3.8 sted (chain-link 2 063.7 1 532.9 530.6	ed, 2010=100 2 118.4 1 568.9 549.1	2 163.9 1 603.1 560.4	1 038.2 767.2 270.8	1 080.2 801.7 278.3	1 060.1 783.3 276.6	1 103.8 819.8 283.9
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5	ed, 2010=100 2 118.4 1 568.9 549.1 575.0	2 163.9 1 603.1 560.4 595.6	1 038.2 767.2 270.8 275.0	1 080.2 801.7 278.3 300.0	1 060.1 783.3 276.6 285.9	1 103.8 819.8 283.9 309.6
Gross domestic product 3. Use of gross domestic product, price-adjust a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6	2 163.9 1 603.1 560.4 595.6 209.2	1 038.2 767.2 270.8 275.0 94.4	1 080.2 801.7 278.3 300.0 106.3	1 060.1 783.3 276.6 285.9 99.0	1 103.8 819.8 283.9 309.6 110.1
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4	2 163.9 1 603.1 560.4 595.6 209.2 281.5	1 038.2 767.2 270.8 275.0 94.4 130.8	1 080.2 801.7 278.3 300.0 106.3 141.6	1 060.1 783.3 276.6 285.9 99.0 135.5	1 103.8 819.8 283.9 309.6 110.1 146.0
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9
Gross domestic product 3. Use of gross domestic product, price-adjus a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7
Gross domestic product 3. Use of gross domestic product, price-adjus a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9
Gross domestic product 3. Use of gross domestic product, price-adjus a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product b) Change over the same period of the preceding y	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in %	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4 1 441.6	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6
Gross domestic product 3. Use of gross domestic product, price-adjus a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4 1 441.6	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6
Gross domestic product 3. Use of gross domestic product, price-adjus a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ²	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0 2.4 2.2	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4 1 441.6 2.1 2.1	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3
Gross domestic product 3. Use of gross domestic product, price-adjus a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0 2.7	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3 3.5	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2 2.1	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5 4.1	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0 2.4 2.2 2.9	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4 1 441.6 2.1 2.1 2.1	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3 2.0
Gross domestic product 3. Use of gross domestic product, price-adjuse a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0 2.7 2.2	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3 3.5 2.9	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2 2.1 3.6	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5 4.1 2.8	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0 2.4 2.2 2.9 3.1	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4 1 441.6 2.1 2.1 2.1 2.1 4.0	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3 2.0 3.2
Gross domestic product 3. Use of gross domestic product, price-adjust a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0 2.7 2.2 4.2	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3 3.5 2.9 3.0	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2 2.1 3.6 4.3	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5 4.1 2.8 2.7	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0 2.4 2.2 2.9 3.1 3.3	1 060.1 783.3 276.6 225.9 99.0 135.5 51.4 1 341.5 744.8 645.4 1 441.6 2.1 2.1 2.1 2.1 2.1 4.0 5.0	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3 2.0 3.2 3.6
Gross domestic product 3. Use of gross domestic product, price-adjust a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Discrimination Machinery and equipment Cross fixed capital formation Machinery and equipment Construction	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0 2.7 2.2 4.2 0.8	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3 3.5 2.9 3.0 3.0	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2 2.1 3.6 4.3 3.3	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5 4.1 2.8 2.7 2.9	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0 2.4 2.2 2.9 3.1 3.3 3.0	$\begin{array}{c} 1\ 060.1\\ 783.3\\ 276.6\\ 285.9\\ 99.0\\ 135.5\\ 51.4\\ 1\ 341.5\\ 744.8\\ 645.4\\ 1\ 441.6\\ \hline \\ 2.1\\ 2.1\\ 2.1\\ 4.0\\ 5.0\\ 3.6\\ \end{array}$	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3 2.0 3.2 3.6 3.1
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports mports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Discrimination Machinery and equipment Construction Discrimination Machinery and equipment Construction Dither products	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0 2.7 2.2 4.2 0.8 2.7	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3 3.5 2.9 3.0 3.0 2.7	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2 2.1 3.6 4.3 3.3 3.0	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5 4.1 2.8 2.7 2.9 2.5	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0 2.4 2.9 3.1 3.3 3.0 2.8	$\begin{array}{c} 1\ 060.1\\ 783.3\\ 276.6\\ 285.9\\ 99.0\\ 135.5\\ 51.4\\ 1\ 341.5\\ 744.8\\ 645.4\\ 1\ 441.6\\ \hline \end{array}$	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3 2.0 3.2 3.6 3.1 2.9
Gross domestic product 3. Use of gross domestic product, price-adju- a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports mports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0 2.7 4.2 0.8 2.7 1.6	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3 3.5 2.9 3.0 3.0 2.7 2.6	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2 2.1 3.6 4.3 3.3 3.0 2.5	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5 4.1 2.8 2.7 2.9 2.5 2.7	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 636.4 1 439.0 2.4 2.2 2.9 3.1 3.3 3.0 2.8 2.5	1 060.1 783.3 276.6 285.9 99.0 135.5 51.4 1 341.5 744.8 645.4 1 441.6 2.1 2.1 2.1 2.1 2.1 2.1 2.1 3.6 3.6 3.2 2.6	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3 2.0 3.2 3.6 3.1 2.9 2.4
Gross domestic product 3. Use of gross domestic product, price-adju: a) EUR bn. Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products Domestic expenditure Exports Imports Gross domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Discrimination Machinery and equipment Construction Other products Domestic product b) Change over the same period of the preceding y Consumption expenditure Private households ² Government Gross fixed capital formation Machinery and equipment Construction Other products	3.8 sted (chain-link 2 063.7 1 532.9 530.6 558.5 194.7 264.5 99.6 2 586.7 1 354.0 1 155.0 2 784.5 ear in % 2.2 2.0 2.7 2.2 4.2 0.8 2.7	ed, 2010=100 2 118.4 1 568.9 549.1 575.0 200.6 272.4 102.2 2 654.0 1 424.9 1 232.1 2 846.9 2.7 2.3 3.5 2.9 3.0 3.0 2.7	2 163.9 1 603.1 560.4 595.6 209.2 281.5 105.3 2 720.3 1 515.6 1 326.3 2 912.2 2.1 2.2 2.1 3.6 4.3 3.3 3.0	1 038.2 767.2 270.8 275.0 94.4 130.8 49.9 1 307.5 696.5 595.7 1 407.8 2.9 2.5 4.1 2.8 2.7 2.9 2.5	1 080.2 801.7 278.3 300.0 106.3 141.6 52.4 1 346.5 728.4 636.4 1 439.0 2.4 2.9 3.1 3.3 3.0 2.8	$\begin{array}{c} 1\ 060.1\\ 783.3\\ 276.6\\ 285.9\\ 99.0\\ 135.5\\ 51.4\\ 1\ 341.5\\ 744.8\\ 645.4\\ 1\ 441.6\\ \hline \end{array}$	1 103.8 819.8 283.9 309.6 110.1 146.0 53.9 1 378.8 770.7 680.9 1 470.6 2.2 2.3 2.0 3.2 3.6 3.1 2.9

				20	7		
	2015	2016	2017	H1	H2	H1	H2
4. Deflators (2010=100)							
Change on the same period of the preceding year in %							
Private consumption ²	0.7	1.1	1.6	1.0	1.3	1.5	1.6
Government consumption	1.8	1.7	2.0	1.6	1.8	2.1	1.9
Gross fixed capital formation	1.3	1.7	2.2	1.4	1.9	2.1	2.2
Machinery and equipment	0.4	0.5	0.7	0.5	0.6	0.7	0.7
Construction	1.7	2.4	3.2	1.9	2.8	3.1	3.2
Exports	1.0	0.0	1.4	- 0.3	0.4	1.3	1.5
Imports Gross domestic product	- 1.6 2.0	- 1.2 1.8	1.2 1.8	- 1.8 1.7	- 0.7 1.9	1.1 1.8	1.3 1.9
•	2.0	1.0	1.0	1.7	1.9	1.0	1.5
5. National income a) EUR bn.							
Primary income of private households ²	2 122.9	2 188.1	2 274.8	1 073.8	1 114.3	1 113.9	1 160.9
Employers social contributions	280.9	288.7	299.8	139.8	148.8	145.0	154.9
Gross wages and salaries	1 263.0	1 307.1	1 361.9	624.8	682.3	648.9	713.0
Other primary income 4	579.0	592.4	613.1	309.2	283.2	320.0	293.1
Primary income of other sectors	439.3	482.1	514.8	219.3	262.8	238.2	276.6
Net national income	2 562.2	2 670.3	2 789.7	1 293.1	1 377.2	1 352.1	1 437.6
	531.1	2 670.3 546.4	2789.7 562.6	272.0	274.4	279.9	282.6
Consumption of fixed capital	3 093.3	3 216.6	3 352.2	-	274.4	279.9	282.6
Gross national income	3 093.3	3210.0	3 352.2	1 565.1	C. FC0 1	1 032.0	1720.2
memorandum item:	2 265 0	0.0047	0 474 4	1 1 1 0 0	1 000 7	1 100 1	4 070 0
Net national income (factor costs)	2 265.0	2 364.7	2 474.1	1 142.0	1 222.7	1 196.1	1 278.0
Property and entrepreneurial income Compensation of employees	721.1 1 543.9	769.0 1 595.7	812.4 1 661.7	377.4 764.6	391.6 831.1	402.2 793.9	410.2 867.8
		1 333.1	1 001.7	704.0	001.1	135.5	007.0
b) Change over the same period of the preceding yea Primary income of private households ²	r in % 3.3	3.1	4.0	3.0	3.1	3.7	4.2
Employers social contributions	3.4	2.8	3.9	3.0	2.6	3.7	4.1
Gross wages and salaries	4.1	3.5	3.9 4.2	3.9	3.2	3.9	4.1
5	2.9	2.3	4.2 3.0	2.6	2.0	2.7	3.2
per employee	2.9	2.3	3.0 3.5	2.6 1.5	2.0 3.2	3.5	3.2
Other primary income 4	7.2	2.3 9.8	5.5 6.8	1.5	3.2 8.9	3.5 8.6	5.3
Primary income of other sectors	4.0	9.8					
Net national income			4.5	4.3	4.2	4.6	4.4
Consumption of fixed capital	2.6	2.9	3.0	2.9	2.9	2.9	3.0
Gross national income	3.7	4.0	4.2	4.0	3.9	4.3	4.2
memorandum item:			10			47	
Net national income (factor costs)	4.1	4.4	4.6	4.4	4.4	4.7	4.5
Property and entrepreneurial income	4.4	6.6	5.6	6.0	7.3	6.6	4.7
Compensation of employees	3.9	3.4	4.1	3.7	3.0	3.8	4.4
6. Disposable income of private households ² a) EUR bn.							
Mass income	1 264.7	1 317.5	1 366.5	634.5	683.0	657.7	708.9
Net wages and salaries	838.4	869.8	900.9	411.4	458.5	424.2	476.7
Social benefits other than social transfers in kind	525.8	552.0	573.6	274.6	277.4	287.1	286.5
less: Levies on social benefits,	99.5	104.3	108.1	51.5	52.8	53.7	54.4
taxes on consumption							• • • •
Other primary income 4	579.0	592.4	613.1	309.2	283.2	320.0	293.1
Other transfers received (net) 5	- 84.1	- 87.4	- 92.3	- 42.1	- 45.3	- 44.5	- 47.8
Disposable income	1 759.6	1 822.5	1 887.3	901.5	921.0	933.1	954.2
Change in pension entitlements	50.6	51.6	52.7	25.5	26.2	26.0	26.7
	4 00 4 4	4 004 4	4 755 0	004.0	000.0	0547	000 5
Consumption expenditure	1 634.1	1 691.4	1 755.2	824.8	866.6	854.7	900.5
Saving	176.1	182.7	184.8	102.1	80.6	104.5	80.4
Saving ratio (%) 6	9.7	9.7	9.5	11.0	8.5	10.9	8.2
b) Change over the same period of the preceding yea	r in %						
Mass income	3.9	4.2	3.7	4.5	3.9	3.7	3.8
Net wages and salaries	3.8	3.7	3.6	4.2	3.3	3.1	4.0
Social benefits other than social transfers in kind	4.0	5.0	3.9	4.8	5.1	4.6	3.3
less: Levies on social benefits,	3.9	4.8	3.6	4.3	5.3	4.2	3.0
taxes on consumption		-		-			
Other primary income 4	1.6	2.3	3.5	1.5	3.2	3.5	3.5
Disposable income	2.9	3.6	3.6	3.5	3.7	3.5	3.6
-							
Consumption expenditure	2.6	3.5	3.8	3.5	3.5	3.6	3.9
Saving		3.7			5.5	2.3	



	2015	2016	2017	2016		2017	
	2015			H1	H2	H1	H2
7. Revenue and expenditure by general governme a) EUR bn.	ent 7						
Revenue							
Taxes	692.9	712.2	744.4	356.4	355.8	372.4	372.0
Social contributions	501.3	518.2	541.6	251.5	266.6	262.6	279.
Property income	21.9	20.8	20.8	11.7	9.1	11.7	9.
Other current transfers	19.4	19.4	19.4	8.9	10.5	8.9	10.
Capital transfers	12.3	12.6	12.8	5.3	7.3	5.5	7.
Sales	103.3	106.0	108.3	49.8	56.2	50.9	57.
Other subsidies	0.2	0.2	0.2	0.1	0.1	0.1	0.
Total	1 351.4	1 389.3	1 447.6	683.8	705.5	712.1	735.4
Expenditure							
Intermediate consumption ⁸	397.5	421.4	440.7	202.1	219.3	211.9	228.
Compensation of employees	231.6	239.1	245.9	114.6	124.5	117.9	128.
Property income (interest)	46.7	43.7	42.5	22.8	20.8	22.2	20.
Subsidies	26.5	27.2	27.9	13.5	13.7	13.9	14.
Social benefits	471.3	497.5	519.2	247.4	250.1	259.9	259.
Other current transfers	62.2	62.1	65.8	37.0	25.1	39.2	26.
Capital transfers	29.3	30.4	30.8	11.5	19.0	11.6	19.
Gross capital formation	64.3	67.0	70.4	28.8	38.2	30.3	40.
Net acquisitions of non-produced non-financial assets	- 6.5	- 1.3	- 1.3	- 0.5	- 0.8	- 0.5	- 0.
Total	1 322.9	1 387.1	1 441.8	677.3	709.8	706.4	735.
Net lending	28.4	2.2	5.7	6.5	- 4.2	5.7	0.
b) Change over the same period of the preceding year ir	. 9/						
Revenue	1 70						
Taxes	5.0	2.8	4.5	3.0	2.5	4.5	4.
Social contributions	4.0	3.4	4.5	3.5	3.2	4.4	4.
Property income	- 12.3	- 5.2	0.0	- 8.5	- 0.8	0.0	0.
Other current transfers	1.6	0.0	0.0	0.0	0.0	0.0	0.
Capital transfers	1.0	1.9	2.0	2.5	1.5	2.6	1.
Sales	1.8	2.6	2.0	2.5	2.7	2.0	2.
Other subsidies	- 13.9	0.0	0.0	0.0	0.0	0.0	0.
Total	4.0	2.8	4.2	2.9	2.7	4.1	4.
Expenditure							
Intermediate consumption 8	5.0	6.0	4.6	6.7	5.4	4.8	4.
Compensation of employees	3.1	3.3	2.8	3.4	3.1	2.8	2
Property income (interest)	- 9.4	- 6.4	- 2.7	- 6.2	- 6.7	- 2.6	- 2.
Subsidies	4.2	2.5	2.5	2.5	2.6	2.5	2.
Social benefits	4.5	5.6	4.4	5.4	5.7	5.1	3.
Other current transfers	1.0	- 0.2	5.9	- 0.3	- 0.1	6.0	5.
Capital transfers	- 18.4	3.8	1.2	- 3.5	8.9	1.2	1.
Gross capital formation	1.7	4.1	5.2	3.1	4.8	5.1	5.
Net acquisitions of non-produced non-financial assets	386.7	- 79.6	0.0	- 90.8	0.0	0.0	0.
			5.0	00.0	0.0	0.0	

Price-adjusted gross domestic product per hour w orked.
 Incl. non-profit institutions serving households.
 Incl. acquisitions less disposals of valuables.
 Operating surplus/mixed income, net property income

⁵ Received less payed other current transfers.

6 Savings in percent of disposable income (incl. change in pension entitlements).

⁷ Central, regional, local and social security funds.

8 Incl. social transfers in kind and other production taxes.

Source: Federal Statistical Office, Fachserie 18: National Accounts; own calculations.