



Seasonally adjusted business statistics October 2023

Statistical Series

Deutsche Bundesbank
Wilhelm-Epstein-Straße 14
60431 Frankfurt am Main
Germany

Postfach 10 06 02
60006 Frankfurt am Main
Germany

Tel.: +49 (0)69 9566 33512
Email: www.bundesbank.de/contact

Information pursuant to Section 5 of the German Tele-
media Act (Telemediengesetz) can be found at:
www.bundesbank.de/imprint

Reproduction permitted only if source is stated.

ISSN 2699-9196

Finalized on 23 October 2023.

This Statistical Series is released once a month and pub-
lished on the basis of Section 18 of the Bundesbank Act
(*Gesetz über die Deutsche Bundesbank*).

To be informed when new issues of this Statistical Series
are published, subscribe to the newsletter at:
www.bundesbank.de/statistik-newsletter_en

Up-to-date information and time series are also available
online at:
www.bundesbank.de/content/821976
www.bundesbank.de/timeseries

Further statistics compiled by the Deutsche Bundesbank
can also be accessed at the Bundesbank web pages.

A publication schedule for selected statistics can be viewed
on the following page:
www.bundesbank.de/statisticalcalender

Contents

I. Banks and other financial institutions

1. German contribution to monetary aggregates in the euro area	
a) German contribution to the monetary aggregate M3 and its components in the euro area	6
b) German contribution to important counterparts of the monetary aggregate M3 in the euro area	7
2. Deposits and loans in Germany	
a) Loans of monetary financial institutions (excluding the Bundesbank) in Germany to the domestic private sector	8
b) Deposits held with monetary financial institutions (excluding the Bundesbank) in Germany by domestic non-banks	9

II. Macroeconomic accounting systems

1. GDP and gross value added of selected economic sectors	10
2. GDP expenditure components at previous-year prices	11
3. GDP expenditure components at current prices	12
4. National income	13
5. Households' income	14
6. Productivity and labour costs in the economy as a whole	15
7. Unit labour costs in selected economic sectors	16

III. Economic activity and prices

1. Output	
a) Output in the production sector – general survey	17
b) Output in industry, by main grouping	18
c) Output in selected branches of industry	19
d) Output in services	20
2. Orders received	
a) Orders received by industry, by main grouping	21
b) Orders received by industry from the domestic market	22
c) Orders received by industry from abroad	23
d) Orders received by selected branches of industry – value	24
e) Orders received by selected branches of industry – volume	25
f) Orders received by main construction industry – value	26
g) Orders received by main construction industry – volume	27
h) Building permits granted for structural engineering work	28
3. Stock of orders	
a) Stock of orders by industry, by main grouping	29
b) Stock of orders by industry from the domestic market	30
c) Stock of orders by industry from abroad	31
d) Stock of orders by selected branches of industry – value	32
e) Stock of orders by selected branches of industry – volume	33

4. Turnover	
a) Turnover of industry, by main grouping – total and domestic.....	34
b) Turnover of industry, by main grouping – exports.....	35
c) Retail turnover.....	36
d) Turnover in services.....	37
5. Employment and labour market.....	38
6. Labour costs.....	39
7. Producer and harmonised index of consumer prices.....	40
8. Foreign trade prices.....	41

■ IV. External sector

1. Current account	
a) Current account.....	42
b) Exports and imports of goods and its components.....	43
c) Services and primary income.....	44
2. Exports	
a) Exports, by group of countries.....	45
b) Exports, by category of goods.....	46
3. Imports	
a) Imports, by group of countries.....	47
b) Imports of industry, by main grouping.....	48
c) Imports, by selected branches of industry.....	49

■ Explanatory notes

Seasonal adjustment.....	50
Classifications.....	50
Data in the national accounts at previous-year prices and contributions to growth.....	51
Sources of unadjusted figures.....	52

Interpretation of data

Seasonally adjusted figures are estimated and hence subject to some uncertainty. Therefore, minor changes from one period to another affecting the last digit of the figures in this Series do not necessarily allow conclusions to be drawn as to economically relevant changes. The series are normally accurate enough to enable the reader to infer the mostly rounded rates of change given in the Bundesbank's analyses.

The factors used for seasonal adjustment are recalculated at regular intervals and as required. Revised time series or tables are marked with an (R).

The seasonal adjustment also includes adjustment for working-day variations, insofar as such variations can be proved and quantified (see also the explanatory notes, section on seasonal adjustment).

Abbreviations and symbols

p	Provisional
r	Revised
s	Estimated
ts	Partly estimated
...	Data available at a later date
.	Data unknown, not to be published, not meaningful or not informative owing to particular uncertainty relating to the seasonal adjustment
0	Less than 0.5 but more than nil
–	Nil
A	Seasonal adjustment using the additive method
R	Seasonal factors recalculated

I. Banks and other financial institutions

1. German contribution to monetary aggregates in the euro area

a) German contribution to the monetary aggregate M3 and its components in the euro area

Period	seasonally adjusted +						Memo item: Monetary aggregate M3 in the euro area 1,3
	Monetary aggregate M3 (excluding currency in circulation) 1 (R)	of which:				Marketable instruments 1,2	
		Monetary aggregate M2 (excluding currency in circulation) (R)	Overnight deposits (R)	Deposits with an agreed maturity of up to 2 years	Deposits redeemable at notice of up to 3 months		
Outstanding amounts in € billion 4							
2022 Q2	3,763.4	3,729.7	2,936.4	258.4	534.9	33.7	15,936.6
Q3	3,857.6	3,814.8	2,946.1	342.5	526.3	42.7	16,214.3
Q4	3,834.2	3,793.6	2,878.5	403.9	511.2	40.6	16,085.6
2023 Q1	3,833.6	3,770.0	2,782.2	505.8	482.0	63.6	16,063.0
Q2	3,839.7	3,765.9	2,724.1	589.2	452.5	73.8	16,016.8
2022 Aug.	3,860.4	3,822.0	2,996.5	294.8	530.7	38.4	16,118.8
Sep.	3,857.6	3,814.8	2,946.1	342.5	526.3	42.7	16,214.3
Oct.	3,850.8	3,814.1	2,917.0	374.4	522.6	36.7	16,143.9
Nov.	3,841.1	3,799.1	2,895.8	386.2	517.1	42.0	16,146.6
Dec.	3,834.2	3,793.6	2,878.5	403.9	511.2	40.6	16,085.6
2023 Jan.	3,830.3	3,782.7	2,848.5	434.9	499.3	47.7	16,105.9
Feb.	3,838.1	3,782.2	2,816.0	475.1	491.1	56.0	16,091.5
Mar.	3,833.6	3,770.0	2,782.2	505.8	482.0	63.6	16,063.0
Apr.	3,846.7	3,778.9	2,770.7	535.9	472.3	67.8	16,014.2
May	3,827.8	3,756.6	2,747.7	546.6	462.3	71.2	16,006.0
June	3,839.7	3,765.9	2,724.1	589.2	452.5	73.8	16,016.8
July	3,828.3	3,755.5	2,701.9	611.0	442.6	72.8	15,961.0
Aug. p	3,830.5	3,750.2	2,675.9	643.8	430.5	80.3	15,936.4
Transactions during period in € billion							
2022 Q2	38.7	35.9	27.0	11.4	-2.5	2.8	194.6
Q3	88.2	79.5	6.2	81.9	-8.6	8.6	280.0
Q4	-17.4	-15.3	-62.4	62.1	-15.0	-2.1	-79.8
2023 Q1	0.2	-22.9	-100.4	101.7	-24.3	23.1	-66.8
Q2	5.6	-5.2	-58.0	82.2	-29.5	10.9	-47.2
2022 Aug.	62.9	63.6	51.5	15.1	-3.0	-0.7	131.0
Sep.	-4.7	-8.9	-51.7	47.2	-4.4	4.2	54.2
Oct.	-6.5	-0.5	-29.3	32.4	-3.7	-5.9	-62.3
Nov.	-6.0	-11.0	-17.4	11.8	-5.5	5.0	21.1
Dec.	-4.9	-3.7	-15.8	17.9	-5.9	-1.2	-38.6
2023 Jan.	-3.3	-10.4	-34.8	31.3	-7.0	7.2	-28.1
Feb.	6.6	-1.6	-33.2	39.8	-8.2	8.2	-22.1
Mar.	-3.0	-10.9	-32.3	30.6	-9.1	7.8	-16.6
Apr.	13.7	9.4	-11.1	30.2	-9.7	4.3	-43.5
May	-20.6	-23.8	-23.9	10.1	-10.0	3.2	-21.8
June	12.5	9.1	-23.0	41.9	-9.8	3.4	18.1
July	-10.8	-9.8	-21.8	21.9	-9.9	-0.9	-50.1
Aug. p	1.5	-6.0	-25.8	32.0	-12.1	7.5	-27.4
Period-to-period growth rates of transactions as a percentage 5							
2022 Q2	1.0	1.0	0.9	4.6	-0.5	9.1	1.2
Q3	2.3	2.1	0.2	31.5	-1.6	25.5	1.8
Q4	-0.5	-0.4	-2.1	18.2	-2.9	-5.0	-0.5
2023 Q1	0.0	-0.6	-3.5	25.2	-4.8	57.0	-0.4
Q2	0.1	-0.1	-2.1	16.3	-6.1	17.1	-0.3
2022 Aug.	1.7	1.7	1.7	5.4	-0.6	-1.7	0.8
Sep.	-0.1	-0.2	-1.7	16.0	-0.8	11.0	0.3
Oct.	-0.2	-0.0	-1.0	9.5	-0.7	-13.9	-0.4
Nov.	-0.2	-0.3	-0.6	3.2	-1.0	13.6	0.1
Dec.	-0.1	-0.1	-0.5	4.6	-1.1	-2.9	-0.2
2023 Jan.	-0.1	-0.3	-1.2	7.8	-1.4	17.6	-0.2
Feb.	0.2	-0.0	-1.2	9.2	-1.6	17.1	-0.1
Mar.	-0.1	-0.3	-1.1	6.4	-1.9	14.0	-0.1
Apr.	0.4	0.3	-0.4	6.0	-2.0	6.7	-0.3
May	-0.5	-0.6	-0.9	1.9	-2.1	4.7	-0.1
June	0.3	0.2	-0.8	7.7	-2.1	4.8	0.1
July	-0.3	-0.3	-0.8	3.7	-2.2	-1.3	-0.3
Aug. p	0.0	-0.2	-1.0	5.2	-2.7	10.3	-0.2

Source of the unadjusted figures for transactions and growth rates: European Central Bank; provisional. + Using Census X-12-ARIMA, 0.2.8. 1 Excluding repos with central counterparties. 2 Repurchase agreements as well as money market fund shares, commercial paper and debt securities issued with a maturity of up to 2 years held by

euro area residents; seasonal adjustment is fraught with considerable uncertainty. 3 Source: European Central Bank. Figures may be revised in light of new information. 4 Outstanding amount at the end of the quarter and month, respectively. 5 Figures calculated on the basis of indices with five decimal places.

I. Banks and other financial institutions

1. German contribution to monetary aggregates in the euro area

b) German contribution to important counterparts of the monetary aggregate M3 in the euro area

Period	seasonally adjusted +						
	Credit, total ¹	of which:		Monetary capital formation, total	of which:		
		Credit to enterprises and households ^{1,2}	Credit to general government		Deposits with an agreed maturity of over 2 years ³	Deposits redeemable at notice of over 3 months	Debt securities issued with a maturity of over 2 years
Outstanding amounts in € billion ⁴							
2022 Q2	5,315.3	4,055.8	1,259.5	1,908.9	563.8	22.5	580.1
Q3	5,356.4	4,155.4	1,201.0	1,896.6	561.7	22.3	605.8
Q4	5,358.0	4,173.8	1,184.3	1,869.6	555.8	23.1	606.3
2023 Q1	5,389.3	4,191.5	1,197.8	1,898.7	565.2	26.9	601.3
Q2	5,379.6	4,212.8	1,166.8	1,923.8	571.5	33.2	609.7
2022 Aug.	5,363.6	4,131.5	1,232.2	1,919.8	562.1	22.3	598.8
Sep.	5,356.4	4,155.4	1,201.0	1,896.6	561.7	22.3	605.8
Oct.	5,362.8	4,163.6	1,199.2	1,877.5	559.6	22.6	605.4
Nov.	5,389.8	4,183.4	1,206.4	1,893.0	560.1	22.7	599.6
Dec.	5,358.0	4,173.8	1,184.3	1,869.6	555.8	23.1	606.3
2023 Jan.	5,387.7	4,186.0	1,201.7	1,878.0	558.5	24.2	603.5
Feb.	5,381.8	4,189.7	1,192.1	1,862.0	558.8	25.4	602.8
Mar.	5,389.3	4,191.5	1,197.8	1,898.7	565.2	26.9	601.3
Apr.	5,388.4	4,206.4	1,182.0	1,902.8	567.8	28.4	597.5
May	5,384.3	4,213.2	1,171.1	1,929.9	571.6	30.5	606.7
June	5,379.6	4,212.8	1,166.8	1,923.8	571.5	33.2	609.7
July	5,380.4	4,217.8	1,162.6	1,945.4	571.6	36.2	615.7
Aug. ^P	5,383.0	4,215.2	1,167.9	1,958.5	568.8	39.0	619.6
Transactions during period in € billion							
2022 Q2	82.9	73.0	9.9	10.1	-6.7	-0.6	5.3
Q3	75.7	100.2	-24.5	-2.2	-2.2	-0.2	8.8
Q4	23.4	24.7	-1.4	4.4	-5.0	0.8	13.9
2023 Q1	30.3	23.7	6.6	5.0	9.5	3.8	-4.7
Q2	-2.4	25.3	-27.7	32.7	5.4	6.3	7.6
2022 Aug.	35.3	43.3	-8.0	4.4	-0.1	-0.1	3.0
Sep.	23.2	25.9	-2.7	0.7	-0.3	-0.0	-1.8
Oct.	8.9	8.3	0.6	-8.4	-2.1	0.3	2.1
Nov.	17.2	21.3	-4.1	5.8	1.1	0.2	4.1
Dec.	-2.7	-4.9	2.1	7.0	-3.9	0.4	7.7
2023 Jan.	25.5	17.0	8.6	-11.7	2.7	1.0	-2.9
Feb.	9.2	4.0	5.2	2.4	0.3	1.2	-6.7
Mar.	-4.4	2.7	-7.1	14.3	6.6	1.5	4.9
Apr.	-0.0	15.5	-15.5	7.0	2.6	1.5	-1.9
May	-3.7	8.8	-12.5	16.1	2.8	2.1	5.0
June	1.3	1.1	0.2	9.5	-0.0	2.7	4.6
July	5.6	8.3	-2.7	22.0	0.0	3.0	8.7
Aug. ^P	1.6	-2.1	3.6	7.7	-2.9	2.7	2.4
Period-to-period growth rates of transactions as a percentage ⁵							
2022 Q2	1.6	1.8	0.8	0.5	-1.2	-2.6	1.0
Q3	1.4	2.5	-1.9	0.6	-0.4	-0.9	1.5
Q4	0.4	0.6	-0.1	0.2	-0.9	3.7	2.3
2023 Q1	0.6	0.6	0.6	0.3	1.7	16.5	-0.8
Q2	-0.0	0.6	-2.3	1.7	1.0	23.3	1.3
2022 Aug.	0.7	1.1	-0.6	0.2	-0.0	-0.2	0.5
Sep.	0.4	0.6	-0.2	0.0	-0.0	-0.1	-0.3
Oct.	0.2	0.2	0.0	-0.4	-0.4	1.2	0.4
Nov.	0.3	0.5	-0.3	0.3	0.2	0.8	0.7
Dec.	-0.1	-0.1	0.2	0.4	-0.7	1.7	1.3
2023 Jan.	0.5	0.4	0.7	-0.6	0.5	4.5	-0.5
Feb.	0.2	0.1	0.4	0.1	0.0	5.2	-1.1
Mar.	-0.1	0.1	-0.6	0.8	1.2	6.0	0.8
Apr.	-0.0	0.4	-1.3	0.4	0.5	5.5	-0.3
May	-0.1	0.2	-1.1	0.8	0.5	7.5	0.8
June	0.0	0.0	0.0	0.5	-0.0	8.7	0.8
July	0.1	0.2	-0.2	1.1	0.0	9.1	1.4
Aug. ^P	0.0	-0.0	0.3	0.4	-0.5	7.6	0.4

Source of the unadjusted figures for transactions and growth rates: European Central Bank; provisional. + Using Census X-12-ARIMA, 0.2.8. ¹ Excluding reverse repos with central counterparties. ² Including non-profit institutions serving households.

³ Including deposits with building and loan associations. ⁴ Outstanding amount at the end of the quarter and month, respectively. ⁵ Figures calculated on the basis of indices with five decimal places.

I. Banks and other financial institutions

2. Deposits and loans in Germany

a) Loans of monetary financial institutions (excluding the Bundesbank) in Germany to the domestic private sector *

seasonally adjusted +

Period	of which:											
	Total 1	Financial corporations 1	of which:		Non-financial corporations	Breakdown by maturity:			Households 2	Breakdown by use:		
			Insurance corporations and pensions funds	Other financial intermediaries 1		Up to 1 year	Over 1 and up to 5 years	Over 5 years		Consumer credit	Loans for house purchases	Other loans
Outstanding amounts in € billion 3												
2022 Q2	3,267.3	185.7	4.9	180.8	1,101.1	173.4	166.6	761.2	1,980.5	197.3	1,525.8	257.4
Q3	3,352.5	190.8	4.8	185.9	1,159.6	200.9	182.2	776.6	2,002.1	197.6	1,544.8	259.7
Q4	3,370.4	198.5	5.1	193.4	1,158.7	185.2	190.4	783.1	2,013.2	198.2	1,557.5	257.5
2023 Q1	3,388.4	206.2	4.1	202.1	1,160.0	175.3	195.9	788.7	2,022.2	199.6	1,566.9	255.7
Q2	3,395.9	205.2	4.1	201.1	1,166.7	174.9	198.3	793.5	2,024.0	199.6	1,569.8	254.5
2022 Aug.	3,330.9	188.8	5.0	183.8	1,146.0	198.6	177.6	769.8	1,996.1	197.4	1,538.7	260.0
Sep.	3,352.5	190.8	4.8	185.9	1,159.6	200.9	182.2	776.6	2,002.1	197.6	1,544.8	259.7
Oct.	3,365.9	190.1	4.8	185.2	1,169.6	198.6	187.0	784.0	2,006.2	197.9	1,549.3	259.0
Nov.	3,376.8	191.8	4.9	186.9	1,175.3	202.0	186.6	786.7	2,009.7	197.7	1,554.1	257.9
Dec.	3,370.4	198.5	5.1	193.4	1,158.7	185.2	190.4	783.1	2,013.2	198.2	1,557.5	257.5
2023 Jan.	3,381.8	197.2	4.4	192.8	1,167.6	188.9	192.8	785.9	2,017.0	198.3	1,561.3	257.4
Feb.	3,387.5	201.6	4.0	197.6	1,165.7	179.4	197.8	788.6	2,020.2	199.1	1,564.1	257.0
Mar.	3,388.4	206.2	4.1	202.1	1,160.0	175.3	195.9	788.7	2,022.2	199.6	1,566.9	255.7
Apr.	3,392.9	206.9	5.3	201.6	1,162.9	176.9	196.3	789.8	2,023.1	199.1	1,568.6	255.4
May	3,400.1	206.9	4.4	202.6	1,169.8	174.6	201.2	794.0	2,023.3	199.5	1,568.9	255.0
June	3,395.9	205.2	4.1	201.1	1,166.7	174.9	198.3	793.5	2,024.0	199.6	1,569.8	254.5
July	3,401.8	207.8	4.5	203.2	1,170.2	178.0	199.3	792.9	2,023.8	199.7	1,569.7	254.4
Aug. p	3,400.8	208.3	4.5	203.8	1,168.3	175.8	198.4	794.1	2,024.1	199.5	1,570.9	253.8
Transactions during period in € billion												
2022 Q2	59.8	8.0	0.7	7.3	26.4	10.0	4.4	12.0	25.4	1.0	24.3	0.2
Q3	78.8	4.4	-0.1	4.4	55.2	25.4	14.7	15.1	19.2	0.1	19.1	0.0
Q4	21.5	9.0	0.3	8.7	0.8	-15.4	8.0	8.2	11.7	0.0	12.9	-1.3
2023 Q1	18.8	7.9	-0.9	8.8	2.1	-9.9	5.4	6.6	8.8	1.0	8.8	-1.1
Q2	5.2	0.1	0.0	0.1	3.7	-2.9	1.5	5.1	1.4	-0.2	3.1	-1.5
2022 Aug.	36.7	2.4	0.4	2.0	28.3	17.1	6.3	4.9	6.0	-0.0	5.8	0.2
Sep.	19.3	1.9	-0.2	2.1	11.5	0.9	4.0	6.6	5.9	0.1	6.1	-0.3
Oct.	15.0	-0.3	-0.0	-0.3	11.5	-2.0	5.4	8.1	3.8	-0.1	4.5	-0.6
Nov.	11.8	2.3	0.1	2.2	5.3	3.2	-0.9	3.0	4.2	-0.3	4.9	-0.4
Dec.	-5.3	7.0	0.2	6.7	-16.0	-16.6	3.5	-2.9	3.7	0.4	3.5	-0.3
2023 Jan.	11.7	-0.7	-0.5	-0.2	8.5	3.9	2.1	2.5	3.9	0.1	3.9	-0.1
Feb.	4.3	3.9	-0.4	4.3	-2.4	-10.0	4.9	2.8	2.8	0.4	2.9	-0.5
Mar.	2.8	4.7	0.1	4.7	-4.1	-3.7	-1.6	1.3	2.1	0.5	2.1	-0.5
Apr.	4.7	0.8	1.2	-0.5	3.1	1.3	0.4	1.3	0.8	-0.5	1.7	-0.4
May	4.5	-0.2	-1.0	0.8	4.7	-3.8	4.3	4.3	0.0	0.2	0.4	-0.6
June	-4.0	-0.4	-0.3	-0.2	-4.1	-0.5	-3.2	-0.5	0.6	0.2	0.9	-0.5
July	5.0	2.6	0.4	2.2	2.6	2.4	0.4	-0.3	-0.1	0.3	0.1	-0.5
Aug. p	-2.7	0.4	-0.1	0.5	-3.1	-2.9	-1.2	1.0	-0.0	-0.5	1.2	-0.7
Period-to-period growth rates of transactions as a percentage 4												
2022 Q2	1.9	4.5	15.6	4.2	2.5	6.1	2.7	1.6	1.3	0.5	1.6	0.1
Q3	2.4	2.3	-1.3	2.4	5.0	14.6	8.8	2.0	1.0	0.1	1.3	0.0
Q4	0.6	4.7	6.3	4.7	0.1	-7.7	4.4	1.1	0.6	0.0	0.8	-0.5
2023 Q1	0.6	4.0	-17.1	4.5	0.2	-5.3	2.8	0.8	0.4	0.5	0.6	-0.4
Q2	0.2	0.1	0.2	0.1	0.3	-1.7	0.8	0.6	0.1	-0.1	0.2	-0.6
2022 Aug.	1.1	1.3	8.5	1.1	2.5	9.5	3.7	0.6	0.3	-0.0	0.4	0.1
Sep.	0.6	1.0	-3.8	1.1	1.0	0.5	2.3	0.9	0.3	0.1	0.4	-0.1
Oct.	0.4	-0.1	-0.1	-0.1	1.0	-1.0	2.9	1.0	0.2	-0.1	0.3	-0.2
Nov.	0.3	1.2	1.9	1.2	0.5	1.6	-0.5	0.4	0.2	-0.1	0.3	-0.2
Dec.	-0.2	3.6	4.5	3.6	-1.4	-8.2	1.9	-0.4	0.2	0.2	0.2	-0.1
2023 Jan.	0.3	-0.3	-9.8	-0.1	0.7	2.1	1.1	0.3	0.2	0.1	0.2	-0.0
Feb.	0.1	2.0	-9.4	2.2	-0.2	-5.3	2.5	0.3	0.1	0.2	0.2	-0.2
Mar.	0.1	2.3	1.4	2.4	-0.4	-2.1	-0.8	0.2	0.1	0.3	0.1	-0.2
Apr.	0.1	0.4	30.7	-0.2	0.3	0.8	0.2	0.2	0.0	-0.3	0.1	-0.2
May	0.1	-0.1	-18.1	0.4	0.4	-2.2	2.2	0.5	0.0	0.1	0.0	-0.2
June	-0.1	-0.2	-6.4	-0.1	-0.4	-0.3	-1.6	-0.1	0.0	0.1	0.1	-0.2
July	0.1	1.3	10.8	1.1	0.2	1.4	0.2	-0.0	-0.0	0.1	0.0	-0.2
Aug. p	-0.1	0.2	-1.4	0.2	-0.3	-1.6	-0.6	0.1	-0.0	-0.3	0.1	-0.3

Source of the unadjusted figures for transactions and growth rates: European Central Bank; provisional. * Adjusted for loan sales and securitisations. Adjustment method based on extended data collected according to Regulation ECB/2013/33. + Using Census X-12-ARIMA, 0.2.8. 1 Excluding reverse repos with central counterparties.

2 Including non-profit institutions serving households. 3 Outstanding amount at the end of the quarter and month, respectively. 4 Figures calculated on the basis of indices with five decimal places.

I. Banks and other financial institutions

2. Deposits and Loans in Germany

b) Deposits held with monetary financial institutions (excluding the Bundesbank) in Germany by domestic non-banks

seasonally adjusted +

Period	of which:					Breakdown of short-term deposits by domestic sector: 1					
	Total (R)	Overnight (R)	With an agreed maturity of		Redeemable at notice of		Insurance corporations and pension funds (R)	Other financial inter-mediararies	Non-financial corporations (R)	Households 2	General government 3
			Up to 2 years (R)	Over 2 years	Up to 3 months	Over 3 months (R)					
Outstanding amounts in € billion 4											
2022 Q2	4,018.6	2,716.8	240.0	506.7	532.9	22.2	30.8	180.1	699.2	2,400.4	179.3
Q3	4,108.3	2,752.4	303.8	505.8	524.3	22.0	37.3	187.6	727.7	2,430.7	197.2
Q4	4,092.6	2,709.3	356.8	494.4	509.2	23.0	33.2	179.3	736.4	2,437.6	188.7
2023 Q1	4,102.8	2,642.1	457.2	496.7	479.8	26.9	37.5	173.5	733.2	2,426.5	208.4
Q2	4,123.6	2,594.0	546.5	499.7	450.7	32.8	37.9	175.0	733.8	2,429.7	214.8
2022 Aug.	4,088.1	2,762.1	269.4	505.9	528.8	21.9	34.9	179.8	730.9	2,422.6	192.1
Sep.	4,108.3	2,752.4	303.8	505.8	524.3	22.0	37.3	187.6	727.7	2,430.7	197.2
Oct.	4,112.9	2,733.7	331.8	504.4	520.7	22.3	39.4	183.3	737.3	2,430.9	195.3
Nov.	4,116.1	2,731.9	346.8	499.7	515.1	22.6	36.8	181.2	741.0	2,433.2	201.6
Dec.	4,092.6	2,709.3	356.8	494.4	509.2	23.0	33.2	179.3	736.4	2,437.6	188.7
2023 Jan.	4,127.9	2,709.7	399.6	497.0	497.4	24.2	38.5	182.6	743.1	2,440.0	202.5
Feb.	4,116.5	2,675.7	428.8	497.3	489.3	25.4	37.9	171.3	746.3	2,432.6	205.6
Mar.	4,102.8	2,642.1	457.2	496.7	479.8	26.9	37.5	173.5	733.2	2,426.5	208.4
Apr.	4,103.5	2,624.9	482.4	497.7	470.2	28.3	38.6	175.3	736.1	2,424.1	203.4
May	4,103.5	2,610.1	502.7	500.1	460.3	30.3	40.4	172.3	726.0	2,430.4	203.9
June	4,123.6	2,594.0	546.5	499.7	450.7	32.8	37.9	175.0	733.8	2,429.7	214.8
July	4,117.9	2,570.3	571.8	499.3	440.8	35.6	38.0	173.7	734.5	2,430.4	206.4
Aug. p	4,120.8	2,551.9	603.3	498.4	429.0	38.2	36.2	172.6	737.5	2,429.9	208.1
Transactions during period in € billion											
2022 Q2	11.2	6.1	14.7	-6.8	-1.9	-0.8	-1.5	2.0	-2.2	10.4	10.0
Q3	85.5	32.8	62.3	-0.7	-8.6	-0.2	6.4	5.7	26.8	29.8	17.9
Q4	-3.9	-39.2	53.5	-4.1	-15.1	1.0	-4.0	-7.1	11.0	7.6	-8.3
2023 Q1	11.0	-71.1	100.1	2.4	-24.4	3.9	4.3	-5.7	-2.8	-11.0	19.7
Q2	19.7	-48.1	88.1	3.0	-29.1	5.9	0.4	-0.7	2.0	3.2	6.0
2022 Aug.	43.9	36.6	11.1	-0.8	-2.9	-0.1	2.0	-0.2	26.0	9.0	7.9
Sep.	19.0	-10.7	34.0	0.0	-4.5	0.1	2.3	7.5	-4.0	7.9	5.1
Oct.	4.5	-19.2	28.4	-1.3	-3.6	0.3	2.1	-5.3	10.2	0.4	-1.9
Nov.	13.7	1.5	14.9	2.6	-5.5	0.3	-2.5	0.0	4.3	2.7	6.4
Dec.	-22.0	-21.5	10.3	-5.4	-5.9	0.4	-3.6	-1.8	-3.5	4.6	-12.8
2023 Jan.	35.8	-4.3	43.1	2.7	-6.8	1.2	5.2	3.4	7.1	2.5	13.8
Feb.	-12.2	-34.5	29.0	0.3	-8.1	1.2	-0.6	-11.5	2.9	-7.5	3.0
Mar.	-12.7	-32.3	28.1	-0.5	-9.4	1.5	-0.3	2.4	-12.7	-5.9	2.9
Apr.	1.2	-17.0	25.3	1.0	-9.6	1.5	1.1	2.1	3.1	-2.3	-5.3
May	-1.2	-15.5	19.8	2.4	-9.9	2.0	1.7	-3.2	-10.6	6.2	0.4
June	19.7	-15.6	42.9	-0.4	-9.6	2.5	-2.4	0.4	9.5	-0.7	10.9
July	-5.3	-23.3	25.5	-0.5	-9.9	2.8	0.0	-1.1	0.9	0.8	-8.4
Aug. p	2.4	-18.2	30.7	-1.0	-11.8	2.6	-1.8	-1.2	2.7	-0.6	1.6
Period-to-period growth rates of transactions as a percentage 5											
2022 Q2	0.3	0.2	6.5	-1.3	-0.4	-3.6	-4.6	1.1	-0.3	0.4	5.9
Q3	2.1	1.2	25.9	-0.1	-1.6	-1.0	20.6	3.1	3.8	1.2	10.0
Q4	-0.1	-1.4	17.6	-0.8	-2.9	4.6	-10.7	-3.8	1.5	0.3	-4.2
2023 Q1	0.3	-2.6	28.1	0.5	-4.8	16.9	13.0	-3.2	-0.4	-0.5	10.4
Q2	0.5	-1.8	19.3	0.6	-6.1	21.9	1.0	-0.4	0.3	0.1	2.9
2022 Aug.	1.1	1.3	4.3	-0.2	-0.5	-0.4	6.2	-0.1	3.7	0.4	4.3
Sep.	0.5	-0.4	12.6	0.0	-0.9	0.4	6.7	4.1	-0.5	0.3	2.7
Oct.	0.1	-0.7	9.3	-0.3	-0.7	1.3	5.7	-2.8	1.4	0.0	-1.0
Nov.	0.3	0.1	4.5	0.5	-1.1	1.3	-6.4	0.0	0.6	0.1	3.3
Dec.	-0.5	-0.8	3.0	-1.1	-1.2	1.9	-9.7	-1.0	-0.5	0.2	-6.4
2023 Jan.	0.9	-0.2	12.1	0.5	-1.3	5.4	15.7	1.9	1.0	0.1	7.3
Feb.	-0.3	-1.3	7.2	0.1	-1.6	4.9	-1.4	-6.3	0.4	-0.3	1.5
Mar.	-0.3	-1.2	6.6	-0.1	-1.9	5.7	-0.9	1.4	-1.7	-0.2	1.4
Apr.	0.0	-0.6	5.5	0.2	-2.0	5.4	2.9	1.2	0.4	-0.1	-2.5
May	-0.0	-0.6	4.1	0.5	-2.1	6.9	4.4	-1.8	-1.4	0.3	0.2
June	0.5	-0.6	8.5	-0.1	-2.1	8.2	-6.0	0.2	1.3	-0.0	5.3
July	-0.1	-0.9	4.7	-0.1	-2.2	8.6	0.1	-0.6	0.1	0.0	-3.9
Aug. p	0.1	-0.7	5.4	-0.2	-2.7	7.3	-4.7	-0.7	0.4	-0.0	0.8

Source of the unadjusted figures for transactions and growth rates: European Central Bank; provisional. + Using Census X-12-ARIMA, 0.2.8. 1 Short-term deposits include overnight deposits, deposits with an agreed maturity of up to 2 years and deposits redeemable at notice of up to 3 months. 2 Including non-profit institutions serving

households. 3 Excluding central government. 4 Outstanding amount at the end of the quarter and month, respectively. 5 Figures calculated on the basis of indices with five decimal places.

II. Macroeconomic accounting systems

1. GDP and gross value added of selected economic sectors *

seasonally adjusted

Period	Gross domestic product		Gross value added 1,2 (R)		of which: (R)													
					Production sector excluding construction 2		Construction (A)		Trade, transport, accommodation and food services 2		Information and communication		Real estate activities, financial and insurance services 2		Business services, other services 2		Public services, education, health	
	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %	Index/ € billion	Change from previous period in %
At previous-year prices (2015 = 100) ³																		
2016 Q3	102.18	0.2	102.23	0.2	104.47	0.7	101.53	0.0	101.71	-0.1	104.23	2.2	99.18	-0.1	101.45	-0.1	102.61	-0.0
Q4	102.57	0.4	102.58	0.3	104.43	-0.0	101.23	-0.3	102.59	0.9	104.22	-0.0	99.87	0.7	101.82	0.4	102.95	0.3
2017 Q1	103.80	1.2	103.78	1.2	106.11	1.6	101.16	-0.1	103.15	0.5	106.48	2.2	100.63	0.8	104.10	2.2	103.49	0.5
Q2	104.76	0.9	104.79	1.0	107.81	1.6	101.94	0.8	103.72	0.6	107.31	0.8	101.09	0.5	104.71	0.6	104.87	1.3
Q3	105.42	0.6	105.74	0.9	110.13	2.2	102.28	0.3	104.36	0.6	109.35	1.9	101.56	0.5	105.46	0.7	104.60	-0.3
Q4	106.42	0.9	106.71	0.9	111.53	1.3	103.64	1.3	105.80	1.4	110.38	0.9	101.27	-0.3	106.73	1.2	105.19	0.6
2018 Q1	105.78	-0.6	105.98	-0.7	110.08	-1.3	102.28	-1.3	105.24	-0.5	114.11	3.4	100.05	-1.2	107.55	0.8	104.60	-0.6
Q2	106.64	0.8	106.63	0.6	110.33	0.2	103.29	1.0	106.31	1.0	115.49	1.2	99.17	-0.9	109.00	1.3	105.76	1.1
Q3	105.65	-0.9	105.77	-0.8	109.41	-0.8	104.03	0.7	105.44	-0.8	116.33	0.7	98.45	-0.7	107.47	-1.4	104.58	-1.1
Q4	106.56	0.9	106.71	0.9	109.15	-0.2	107.51	3.3	106.65	1.1	118.79	2.1	99.50	1.1	108.81	1.2	105.35	0.7
2019 Q1	107.29	0.7	107.28	0.5	110.17	0.9	101.08	-6.0	109.74	2.9	119.14	0.3	99.47	-0.0	108.15	-0.6	106.22	0.8
Q2	107.25	-0.0	107.11	-0.2	108.94	-1.1	99.18	-1.9	109.17	-0.5	119.74	0.5	99.23	-0.2	108.85	0.6	107.35	1.1
Q3	107.23	-0.0	107.06	-0.0	108.02	-0.8	101.09	1.9	110.04	0.8	121.54	1.5	99.54	0.3	108.63	-0.2	106.45	-0.8
Q4	107.55	0.3	107.41	0.3	108.01	-0.0	102.01	0.9	110.14	0.1	121.79	0.2	99.81	0.3	109.40	0.7	107.05	0.6
2020 Q1	105.65	-1.8	105.79	-1.5	104.95	-2.8	103.63	1.6	106.02	-3.7	121.58	-0.2	99.91	0.1	106.17	-3.0	108.03	0.9
Q2	95.91	-9.2	95.35	-9.9	88.29	-15.9	99.05	-4.4	92.06	-13.2	117.31	-3.5	97.38	-2.5	94.25	-11.2	99.86	-7.6
Q3	104.46	8.9	104.12	9.2	101.45	14.9	98.89	-0.2	104.61	13.6	119.87	2.2	100.30	3.0	102.63	8.9	109.06	9.2
Q4	105.28	0.8	104.50	0.4	106.40	4.9	107.84	9.1	102.55	-2.0	123.61	3.1	99.92	-0.4	100.73	-1.9	104.71	-4.0
2021 Q1	103.94	-1.3	103.92	-0.6	107.24	0.8	95.05	-11.9	97.79	-4.6	127.75	3.3	100.78	0.9	101.35	0.6	105.91	1.1
Q2	106.26	2.2	105.75	1.8	108.16	0.9	98.30	3.4	101.00	3.3	130.41	2.1	102.36	1.6	104.57	3.2	106.29	0.4
Q3	106.97	0.7	106.78	1.0	106.82	-1.2	97.07	-1.3	105.17	4.1	129.33	-0.8	102.99	0.6	106.96	2.3	108.11	1.7
Q4	106.98	0.0	106.62	-0.1	108.16	1.3	96.51	-0.6	105.79	0.6	132.27	2.3	102.67	-0.3	105.07	-1.8	106.32	-1.7
2022 Q1	108.05	1.0	107.24	0.6	106.74	-1.3	97.19	0.7	105.52	-0.3	134.19	1.5	103.23	0.5	108.25	3.0	108.35	1.9
Q2	107.91	-0.1	107.55	0.3	107.39	0.6	94.59	-2.7	105.66	0.1	135.66	1.1	104.11	0.9	107.73	-0.5	109.09	0.7
Q3	108.30	0.4	108.24	0.6	107.57	0.2	92.64	-2.1	106.98	1.2	138.19	1.9	104.47	0.3	108.36	0.6	110.63	1.4
Q4	107.86	-0.4	107.60	-0.6	107.05	-0.5	90.44	-2.4	105.74	-1.2	137.84	-0.3	104.52	0.0	107.82	-0.5	110.07	-0.5
2023 Q1	107.76	-0.1	107.83	0.2	106.73	-0.3	95.21	5.3	105.16	-0.5	138.38	0.4	104.71	0.2	108.64	0.8	109.79	-0.3
Q2	107.78	0.0	107.29	-0.5	106.04	-0.6	95.36	0.2	103.74	-1.4	139.91	1.1	104.25	-0.4	108.66	0.0	108.92	-0.8
At current prices ²																		
2016 Q3	783.682	0.4	705.880	0.4	182.397	0.5	33.179	0.5	111.124	0.1	32.769	1.7	105.940	-0.1	106.586	-0.1	128.391	0.6
Q4	790.088	0.8	711.323	0.8	183.183	0.4	33.344	0.5	113.426	2.1	32.654	-0.4	106.354	0.4	107.382	0.7	128.889	0.4
2017 Q1	801.707	1.5	719.848	1.2	184.266	0.6	33.403	0.2	115.007	1.4	33.324	2.1	106.850	0.5	110.182	2.6	130.282	1.1
Q2	813.525	1.5	732.880	1.8	188.966	2.6	34.386	2.9	116.594	1.4	33.656	1.0	107.457	0.6	111.293	1.0	133.593	2.5
Q3	822.372	1.1	743.094	1.4	192.482	1.9	35.003	1.8	118.118	1.3	34.207	1.6	108.346	0.8	112.927	1.5	134.700	0.8
Q4	833.703	1.4	752.405	1.3	195.366	1.5	35.744	2.1	120.338	1.9	34.428	0.6	109.050	0.6	114.691	1.6	135.739	0.8
2018 Q1	832.298	-0.2	748.602	-0.5	192.593	-1.4	35.323	-1.2	118.672	-1.4	35.804	4.0	109.086	0.0	115.881	1.0	135.971	0.2
Q2	843.223	1.3	759.887	1.5	194.662	1.1	36.480	3.3	120.906	1.9	36.260	1.3	109.287	0.2	118.006	1.8	139.071	2.3
Q3	840.687	-0.3	758.898	-0.1	192.664	-1.0	37.496	2.8	120.879	-0.0	36.576	0.9	109.070	-0.2	116.862	-1.0	139.075	0.0
Q4	854.124	1.6	770.250	1.5	193.358	0.4	39.381	5.0	123.720	2.4	37.338	2.1	110.468	1.3	118.843	1.7	140.714	1.2
2019 Q1	861.171	0.8	774.248	0.5	196.306	1.5	37.833	-3.9	124.850	0.9	37.316	-0.1	110.555	0.1	118.204	-0.5	142.290	1.1
Q2	865.966	0.6	781.370	0.9	195.964	-0.2	37.937	0.3	125.130	0.2	37.758	1.2	110.965	0.4	119.969	1.5	146.642	3.1
Q3	872.288	0.7	787.326	0.8	196.011	0.0	39.495	4.1	126.581	1.2	38.553	2.1	112.289	1.2	120.412	0.4	147.188	0.4
Q4	880.872	1.0	793.876	0.8	197.882	1.0	40.226	1.9	127.447	0.7	38.744	0.5	113.089	0.7	121.679	1.1	148.031	0.6
2020 Q1	870.939	-1.1	785.546	-1.0	192.306	-2.8	41.443	3.0	125.096	-1.8	38.379	-0.9	112.347	-0.7	119.128	-2.1	150.251	1.5
Q2	798.777	-8.3	721.038	-8.2	163.328	-15.1	40.523	-2.2	108.867	-13.0	37.552	-2.2	111.370	-0.9	107.053	-10.1	145.964	-2.9
Q3	856.483	7.2	782.484	8.5	186.091	13.9	40.790	0.7	123.896	13.8	38.462	2.4	115.015	3.3	116.605	8.9	155.541	6.6
Q4	870.519	1.6	790.344	1.0	195.504	5.1	44.596	9.3	121.588	-1.9	39.701	3.2	115.440	0.4	115.666	-0.8	151.759	-2.4
2021 Q1	872.453	0.2	792.883	0.3	198.408	1.5	39.991	-10.3	119.548	-1.7	40.955	3.2	117.047	1.4	117.034	1.2	154.241	1.6
Q2	892.524	2.3	811.778	2.4	200.082	0.8	42.768	6.9	125.301	4.8	42.039	2.6	119.012	1.7	120.688	3.1	155.576	0.9
Q3	916.023	2.6	827.582	1.9	199.607	-0.2	43.291	1.9	123.139	5.5	41.728	-0.7	119.717	0.6	124.794	3.4	159.784	2.7
Q4	927.303	1.2	835.043	0.9	203.429	1.9	44.745	3.4	135.986	2.9	42.634	2.2	119.201	-0.4	123.611	-0.9	158.176	-1.0
2022 Q1	948.890	2.3	850.769	1.9	204.804	0.7	47.002	5.0	139.907	2.9	43.181	1.3	118.439	-0.6	128.015	3.6	161.622	2.2
Q2	960.361	1.2	870.060	2.3	212.420	3.7	49.770	5.9	145.117	3.7	43.284	0.2	118.637	0.2	128.681	0.5	162.579	0.6
Q3	969.983	1.0	879.746	1.1	205.755	-3.1	51.039	2.5	151.928	4.7	44.530	2.9	120.456	1.5	131.173	1.9	165.575	1.8
Q4	990.946	2.2	902.524	2.6	215.482	4.7	52.473	2.8	150.210	0.8	45.125	1.3	125.337	4.1	134.508	2.5	167.437	1.1
2023 Q1	1,007.966	1.7	929.469	3.0	231.746	7.5	57.377	9.3	153.249	0.1	46.058	2.1	127.605	1.8	136.864	1.8	168.464	0.6
Q2	1,027.533	1.9	939.376	1.1	231.294	-0.2	59.120	3.0	154.062	0.5	46.710	1.4	129.127	1.2	138.236	1.0	173.776	3.2

Source of the unadjusted figures: Federal Statistical Office. * Last update: August 2023.

1 Excluding net taxes on products. 2 Derived from seasonally adjusted components.

3 See explanatory notes. 4 Figures revised as of Q1 2019, except GDP.

II. Macroeconomic accounting systems

2. GDP expenditure components at previous-year prices *

															seasonally adjusted			
Gross domestic product	of which: (R)													Net exports 4 (R)	Exports 1 (R)	Imports 1 (R)		
	Domestic use 1 (R)	Private consumption 2		Government consumption		Machinery and equipment		Buildings (A)		Changes in inventories 3								
Period	Index	Change from previous period in %	Index	Change from previous period in %	Index	Change from previous period in %	Index	Change from previous period in %	Index	Change from previous period in %	Index	Change from previous period in %	Index	Change from previous period in %	Index	Change from previous period in %		
2015 = 100⁵																		
2016 Q3	102.18	0.2	102.93	0.6	102.33	0.4	104.37	0.4	102.89	1.7	103.37	1.0	-	-	102.15	-0.1	103.92	0.8
2016 Q4	102.57	0.4	104.11	1.1	102.95	0.6	104.84	0.5	102.67	-0.2	104.05	0.7	-	-	102.75	0.6	106.40	2.4
2017 Q1	103.80	1.2	104.54	0.4	103.24	0.3	104.87	0.0	104.42	1.7	103.37	-0.7	-	-	105.43	2.6	107.50	1.0
2017 Q2	104.76	0.9	105.75	1.2	103.63	0.4	105.51	0.6	107.46	2.9	105.51	2.1	-	-	107.27	1.7	110.15	2.5
2017 Q3	105.42	0.6	106.02	0.3	104.06	0.4	105.92	0.4	109.18	1.6	106.02	0.5	-	-	108.53	1.2	110.57	0.4
2017 Q4	106.42	0.9	107.26	1.2	105.04	0.9	106.78	0.8	109.74	0.5	105.92	-0.1	-	-	109.72	1.1	112.40	1.7
2018 Q1	105.78	-0.6	106.23	-1.0	105.33	0.3	106.08	-0.7	111.72	1.8	105.30	-0.6	-	-	110.61	0.8	112.65	0.2
2018 Q2	106.64	0.8	107.37	1.1	105.49	0.2	106.81	0.7	112.17	0.4	107.39	2.0	-	-	110.92	0.3	113.53	0.8
2018 Q3	105.65	-0.9	107.84	0.4	105.02	-0.4	106.54	-0.3	112.78	0.5	109.24	1.7	-	-	109.91	-0.9	116.02	2.2
2018 Q4	106.56	0.9	109.08	1.1	106.23	1.2	107.08	0.5	113.53	0.7	110.04	0.7	-	-	109.85	-0.1	116.57	0.5
2019 Q1	107.29	0.7	108.80	-0.3	106.99	0.7	108.56	1.4	115.06	1.3	108.61	-1.3	-	-	113.95	3.7	118.90	2.0
2019 Q2	107.25	-0.0	109.24	0.4	107.27	0.3	108.64	0.1	115.34	0.2	108.22	-0.4	-	-	112.22	-1.5	118.01	-0.7
2019 Q3	107.23	-0.0	108.89	-0.3	107.19	-0.1	110.29	1.5	113.69	-1.4	109.60	1.3	-	-	113.24	0.9	118.43	0.4
2019 Q4	107.55	0.3	110.04	1.1	107.51	0.3	110.28	-0.0	111.27	-2.1	110.02	0.4	-	-	112.02	-1.1	118.92	0.4
2020 Q1	105.65	-1.8	108.65	-1.3	104.80	-2.5	111.42	1.0	103.27	-7.2	113.96	3.6	-	-	109.73	-2.0	117.82	-0.9
2020 Q2	95.91	-9.2	100.77	-7.3	93.53	-10.8	111.05	-0.3	88.45	-14.4	110.68	-2.9	-	-	87.29	-20.5	97.43	-17.3
2020 Q3	104.46	8.9	106.48	5.7	103.30	10.4	116.41	4.8	102.93	16.4	110.51	-0.2	-	-	102.27	17.2	106.66	9.5
2020 Q4	105.28	0.8	106.54	0.1	101.29	-1.9	116.90	4.4	105.33	2.3	114.48	3.6	-	-	106.85	4.5	110.14	3.3
2021 Q1	103.94	-1.3	105.61	-0.9	97.44	-3.8	114.87	-1.7	103.65	-1.6	109.64	-4.2	-	-	109.67	2.6	114.87	4.3
2021 Q2	106.26	2.2	108.24	2.5	100.87	3.5	118.12	2.8	104.67	1.0	111.45	1.7	-	-	110.77	1.0	116.49	1.4
2021 Q3	106.97	0.7	109.14	0.8	105.27	4.4	118.51	0.3	100.04	-4.4	108.03	-3.1	-	-	110.10	-0.6	116.00	-0.4
2021 Q4	106.98	0.0	109.78	0.6	105.36	0.1	118.49	-0.0	101.87	1.8	108.09	0.1	-	-	114.13	3.7	122.54	5.6
2022 Q1	108.05	1.0	111.10	1.2	105.96	0.6	120.12	1.4	103.85	1.9	111.64	3.3	-	-	113.97	-0.1	122.64	0.1
2022 Q2	107.91	-0.1	111.64	0.5	106.18	0.2	120.03	-0.1	105.50	1.6	107.28	-3.9	-	-	114.97	0.9	125.53	2.4
2022 Q3	108.30	0.4	112.43	0.7	106.96	0.7	118.73	-1.1	109.93	4.2	106.63	-0.6	-	-	116.15	1.0	127.84	1.8
2022 Q4	107.86	-0.4	111.68	-0.7	105.90	-1.0	118.47	-0.2	108.24	-1.5	104.55	-2.0	-	-	114.93	-1.1	125.71	-1.7
2023 Q1	107.76	-0.1	110.54	-1.0	105.57	-0.3	116.18	-1.9	110.47	2.1	107.33	2.7	-	-	115.41	0.4	123.88	-1.5
2023 Q2	107.78	0.0	111.18	0.6	105.62	0.0	116.27	0.1	111.14	0.6	107.58	0.2	-	-	114.16	-1.1	123.87	-0.0

Statistical contribution to GDP growth in percentage points⁵																		
	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual	quarterly	semi-annual
2016 Q3	-	-	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.4	-0.1	-0.3	-0.3	-0.3	-0.8
2016 Q4	-	-	1.1	1.0	0.3	0.4	0.1	0.2	0.0	0.0	0.1	0.1	0.6	-0.7	0.3	0.4	-1.0	-0.8
2017 Q1	-	-	0.4	0.2	0.0	0.0	0.1	0.1	0.1	-0.1	0.1	0.1	0.8	1.2	-0.4	-0.4	-1.0	-1.4
2017 Q2	-	-	1.1	1.5	0.2	0.4	0.1	0.1	0.2	0.2	0.1	0.3	-0.2	0.8	1.8	-1.0	-1.4	-1.4
2017 Q3	-	-	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	-0.2	0.4	0.6	-0.2	-0.2	-0.2	-1.0
2017 Q4	-	-	1.1	1.3	0.5	0.6	0.2	0.2	0.0	0.2	0.1	0.3	-0.1	0.5	1.2	-0.7	-1.0	-1.0
2018 Q1	-	-	-0.9	0.1	-0.1	0.1	-0.1	0.1	-0.1	-0.1	-1.0	0.3	0.4	0.4	-0.1	-0.1	-0.6	-0.6
2018 Q2	-	-	1.0	0.1	0.1	0.4	0.1	0.0	0.0	0.2	0.2	0.0	0.5	-0.2	0.1	0.7	-0.3	-0.6
2018 Q3	-	-	0.4	-0.2	-0.1	0.1	0.0	0.0	0.2	0.2	0.0	0.5	-1.3	-0.4	-0.9	-0.9	-0.9	-1.2
2018 Q4	-	-	1.1	1.4	0.6	0.1	0.1	0.1	0.1	0.1	0.3	0.2	-0.2	0.0	-0.4	-0.2	-0.2	-1.2
2019 Q1	-	-	-0.2	0.4	0.3	0.3	0.1	0.1	-0.1	-0.1	-1.0	0.9	1.8	-0.8	-0.8	-0.8	-0.8	-0.8
2019 Q2	-	-	0.4	0.5	0.1	0.7	0.0	0.3	0.0	0.1	0.0	-0.1	-0.4	-0.7	1.4	0.3	-0.8	-0.8
2019 Q3	-	-	-0.3	0.0	0.3	0.3	-0.1	0.3	-0.1	0.1	-0.6	0.3	0.4	-0.2	-0.2	-0.2	-0.2	-0.8
2019 Q4	-	-	1.0	0.4	0.2	0.1	0.0	0.3	-0.2	-0.2	0.0	0.1	0.9	-0.7	-0.5	-0.2	-0.2	-0.1
2020 Q1	-	-	-1.2	-1.3	0.2	0.2	-0.5	0.4	-0.5	0.4	0.1	-0.6	-1.0	0.4	-1.0	0.4	-1.2	-0.3
2020 Q2	-	-	-6.9	-4.1	-5.5	-4.0	-0.1	0.2	-0.9	-1.0	-0.3	0.2	-2.3	-9.5	-5.9	7.2	3.8	3.8
2020 Q3	-	-	5.5	5.3	1.1	1.1	1.0	1.0	0.0	0.0	-2.0	3.4	7.0	-3.6	-3.6	-3.6	-3.6	-3.6
2020 Q4	-	-	0.1	1.7	-1.0	1.6	0.1	1.1	0.2	0.5	0.4	0.0	0.7	2.0	2.7	-1.2	-0.3	-0.3
2021 Q1	-	-	-0.8	-1.9	-0.4	-0.4	-0.1	-0.1	-0.5	-0.5	2.0	-0.4	1.2	-1.6	-1.6	-1.6	-1.6	-1.6
2021 Q2	-	-	2.3	0.4	1.7	-1.5	0.6	0.0	0.1	0.0	0.2	-0.2	-0.3	0.5	2.4	-0.6	-2.5	-2.5
2021 Q3	-	-	0.8	2.1	0.1	0.1	-0.3	-0.3	-0.3	-0.3	-0.8	-0.1	-0.3	0.2	0.2	0.2	0.2	0.2
2021 Q4	-	-	0.6	2.2	0.0	3.0	0.0	0.4	0.1	-0.2	0.0	-0.2	0.4	-0.5	1.7	0.8	-2.2	-1.2
2022 Q1	-	-	1.1	0.3	0.3	0.3	0.1	0.1	0.2	-0.4	0.1	-0.1	-0.1	0.0	0.0	0.0	-1.0	-1.7
2022 Q2	-	-	0.5	1.7	0.1	0.4	0.0	0.3	0.1	0.2	-0.4	0.1	0.7	-0.6	0.4	1.0	-1.0	-1.7
2022 Q3	-	-	0.7	0.4	-0.2	0.2	-0.2	0.3	-0.1	-0.1	0.4	-0.3	0.5	-0.8	0.5	-0.8	-0.8	-0.8
2022 Q4	-	-	-0.6	0.6	-0.5	0.2	-0.1	-0.3	-0.1	0.3	-0.2	-0.4	0.2	-0.5	0.5	0.7	-0.9	-0.9
2023 Q1	-	-	-1.0	-0.2	-0.4	-0.4	0.1	0.1	0.3	0.3	-0.8	0.9	0.2	0.2	0.2	0.7	0.7	0.7
2023 Q2	-	-	0.6	-1.1	0.0	-0.4	0.0	-0.4	0.0	0.1	0.0	0.2	-0.6	-0.6	-0.3	0.0	0.0	1.1

Source of the unadjusted figures: Federal Statistical Office. * Last update: August 2023.
1 Derived from seasonally adjusted components. 2 Including non-profit institutions serving households. 3 Including net increase in valuables. 4 Exports less imports. 5 See

explanatory notes; semi-annual figures calculated on the basis of semi-annual averages of the indices. 6 Figures partially revised as of Q1 2019, except GDP. 7 Figures subject to increased uncertainty.

II. Macroeconomic accounting systems

3. GDP expenditure components at current prices *

Period	seasonally adjusted +																	
	Gross domestic product		Domestic use (R)		of which: (R)						Changes in inventories 2.3	Net exports 3.4 (R)	Exports (R)		Imports (R)			
					Private consumption 1		Government consumption		Machinery and equipment								Buildings (A)	
	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %		
2008 Q3	636.360	-0.4	601.864	1.1	347.222	0.8	116.153	-0.4	50.945	0.0	57.545	0.9	9.348	34.496	281.990	-0.4	247.494	3.5
2008 Q4	628.860	-1.2	597.170	-0.8	345.663	-0.4	117.762	1.4	49.104	-3.6	57.746	0.3	6.016	31.690	264.639	-6.2	232.949	-5.9
2009 Q1	603.764	-4.0	582.297	-2.5	346.239	0.2	120.647	2.4	40.893	-16.7	56.273	-2.6	-2.215	21.467	230.110	-13.0	208.643	-10.4
2009 Q2	606.871	0.5	576.878	-0.9	346.227	-0.0	121.853	1.0	40.460	-1.1	56.216	-0.1	-8.615	29.993	225.518	-2.0	195.525	-6.3
2009 Q3	645.837	1.1	582.130	0.9	343.844	-0.7	123.519	1.4	39.962	-1.2	56.774	1.0	-3.000	31.407	233.301	3.5	201.894	3.3
2009 Q4	619.633	1.0	580.712	-0.2	344.403	0.2	122.925	-0.5	38.709	-3.1	57.757	1.7	-4.128	38.921	241.257	3.4	202.336	0.2
2010 Q1	625.156	0.9	594.040	2.3	347.329	0.8	125.291	1.9	41.856	8.1	55.687	-3.6	3.085	31.116	249.661	3.5	218.545	8.0
2010 Q2	635.492	1.7	604.830	1.8	352.233	1.4	124.227	-0.8	44.541	6.4	60.828	9.2	2.171	30.662	271.680	8.8	241.018	10.3
2010 Q3	645.837	1.6	611.007	1.0	354.454	0.6	125.837	1.3	45.760	2.7	60.721	-0.2	3.171	34.830	278.900	2.7	244.070	1.3
2010 Q4	652.450	1.0	616.480	0.9	357.861	1.0	126.325	0.4	45.774	0.0	59.334	-2.3	5.866	35.970	285.213	2.3	249.243	2.1
2011 Q1	665.359	2.0	632.359	2.6	362.345	1.3	127.291	0.8	47.181	3.1	64.795	9.2	8.254	33.000	296.846	4.1	263.846	5.9
2011 Q2	668.406	0.5	638.952	1.0	363.421	0.3	128.344	0.8	47.342	0.3	65.978	1.8	11.174	29.454	301.566	1.6	272.112	3.1
2011 Q3	676.978	1.3	643.239	0.7	367.462	1.1	128.420	0.1	49.299	4.1	66.023	0.1	9.246	33.739	305.596	1.3	271.857	-0.1
2011 Q4	679.095	0.3	645.140	0.3	370.396	0.8	129.604	0.9	47.832	-3.0	67.457	2.2	6.980	33.955	304.760	-0.3	270.805	-0.4
2012 Q1	680.954	0.3	642.095	-0.5	373.847	0.9	130.610	0.8	48.655	1.7	67.889	0.6	-1.886	38.859	314.629	3.2	275.770	1.8
2012 Q2	683.852	0.4	641.851	-0.0	375.496	0.4	132.116	1.2	48.055	-1.2	68.702	1.2	-5.683	42.001	318.841	1.3	276.840	0.4
2012 Q3	690.679	1.0	644.753	0.5	377.224	0.5	132.575	0.3	47.118	-1.9	69.527	1.2	-5.104	45.926	323.305	1.4	277.379	0.2
2012 Q4	691.288	0.1	649.485	0.7	379.877	0.7	133.909	1.0	47.159	0.1	68.810	-1.0	-3.974	41.803	317.633	-1.8	275.830	-0.6
2013 Q1	692.570	0.2	652.597	0.5	380.968	0.3	136.327	1.8	45.328	-3.9	66.110	-3.9	0.408	39.973	316.344	-0.4	276.371	0.2
2013 Q2	702.125	1.4	662.996	1.6	383.062	0.5	136.855	0.4	46.998	3.7	69.431	5.0	2.970	39.129	317.303	0.3	278.174	0.7
2013 Q3	709.158	1.0	669.509	1.0	385.499	0.6	139.018	1.6	45.894	-2.3	71.722	3.3	3.525	39.649	321.538	1.3	281.889	1.3
2013 Q4	712.245	0.4	667.045	-0.4	385.833	0.1	139.694	0.5	49.056	6.9	71.892	0.2	-3.577	45.200	327.131	1.7	281.931	0.0
2014 Q1	725.628	1.9	680.362	2.0	388.706	0.7	141.322	1.2	49.141	0.2	73.961	2.9	2.541	45.266	327.680	0.2	282.414	0.2
2014 Q2	729.492	0.5	683.694	0.5	388.785	0.0	142.669	1.0	49.428	0.6	71.812	-2.9	6.220	45.798	330.261	0.8	284.463	0.7
2014 Q3	734.757	0.7	684.427	0.1	392.870	1.1	144.271	1.1	48.852	-1.2	72.441	0.9	0.866	50.330	337.321	2.1	286.991	0.9
2014 Q4	742.146	1.0	688.405	0.6	395.448	0.7	145.193	0.6	49.833	2.0	73.112	0.9	-0.723	53.741	344.424	2.1	290.683	1.3
2015 Q1	745.472	0.4	690.130	0.3	395.770	0.1	145.942	0.5	50.315	1.0	72.122	-1.4	-0.359	55.342	348.814	1.3	293.472	1.0
2015 Q2	754.328	1.2	694.430	0.6	400.149	1.1	148.008	1.4	50.856	1.1	71.834	-0.4	-3.261	59.898	357.613	2.5	297.715	1.4
2015 Q3	759.445	0.7	701.515	1.0	402.621	0.6	149.705	1.1	51.510	1.3	72.453	0.9	-1.844	57.930	356.966	-0.2	299.036	0.4
2015 Q4	764.308	0.6	708.707	1.0	404.790	0.5	152.252	1.7	53.466	3.8	74.223	2.4	-3.420	55.601	353.363	-1.0	297.762	-0.4
2016 Q1	774.682	1.4	717.824	1.3	407.395	0.6	153.698	0.9	53.604	0.3	76.123	2.6	-1.110	56.858	355.038	0.5	298.180	0.1
2016 Q2	780.922	0.8	719.427	0.2	410.944	0.9	155.570	1.2	52.541	-2.0	75.685	-0.6	-3.899	61.495	359.178	1.2	297.683	-0.2
2016 Q3	783.682	0.4	725.881	0.9	414.200	0.8	156.854	0.8	53.491	1.8	76.874	1.6	-4.305	57.801	359.895	0.2	302.094	1.5
2016 Q4	790.088	0.8	737.296	1.6	417.984	0.9	157.729	0.6	53.359	-0.2	77.840	1.3	1.596	52.792	364.440	1.3	311.648	3.2
2017 Q1	801.707	1.5	745.646	1.1	420.684	0.6	159.312	1.0	54.484	2.1	78.136	0.4	3.449	56.061	377.863	3.7	321.802	3.3
2017 Q2	813.525	1.5	756.649	1.5	423.973	0.8	161.100	1.1	56.085	2.9	80.556	3.1	4.940	56.876	385.278	2.0	328.402	2.1
2017 Q3	822.372	1.1	761.193	0.6	427.721	0.9	162.696	1.0	57.009	1.6	81.632	1.3	1.911	61.179	388.043	0.7	326.864	-0.5
2017 Q4	833.703	1.4	775.016	1.8	431.657	0.9	165.111	1.5	57.611	1.1	82.436	1.0	7.286	58.687	393.303	1.4	334.616	2.4
2018 Q1	832.298	-0.2	773.093	-0.2	434.372	0.6	164.724	-0.2	58.452	1.5	82.930	0.6	1.431	59.205	397.504	1.1	338.299	1.1
2018 Q2	843.223	1.3	785.119	1.6	437.735	0.8	166.867	1.3	58.804	0.6	85.580	3.2	4.213	58.104	400.468	0.7	342.364	1.2
2018 Q3	840.687	-0.3	794.956	1.3	438.280	0.1	167.753	0.5	59.269	0.8	88.356	3.2	9.126	45.731	399.859	-0.2	354.128	3.4
2018 Q4	854.124	1.6	809.911	1.9	444.142	1.3	169.803	1.2	60.085	1.4	90.006	1.9	13.228	44.213	400.748	0.2	356.535	0.7
2019 Q1	861.171	0.8	807.675	-0.3	445.982	0.4	172.508	1.6	60.845	1.3	89.610	-0.4	5.332	53.496	414.596	3.5	361.100	1.3
2019 Q2	865.966	0.6	815.988	1.0	452.120	1.4	174.312	1.0	61.257	0.7	90.161	0.6	4.143	49.978	407.867	-1.6	357.889	-0.9
2019 Q3	872.288	0.7	817.008	0.1	453.461	0.3	178.072	2.2	60.718	-0.9	92.000	2.0	-1.550	55.280	412.292	1.1	357.012	-0.2
2019 Q4	880.872	1.0	831.051	1.7	454.934	0.3	178.656	0.3	59.818	-1.5	93.005	1.1	10.078	49.821	409.448	-0.7	359.627	0.7
2020 Q1	870.939	-1.1	825.337	-0.7	443.743	-2.5	181.217	1.4	55.429	-7.3	97.523	4.9	14.199	45.602	400.244	-2.2	354.642	-1.4
2020 Q2	798.777	-8.3	765.610	-7.2	399.262	-10.0	185.523	2.4	47.620	-14.1	95.152	-2.4	5.957	33.167	315.740	-21.1	282.573	-20.3
2020 Q3	856.483	7.2	800.406	4.5	435.349	9.0	190.165	2.5	55.642	16.8	93.213	-2.0	-6.821	56.077	369.133	16.9	313.056	10.8
2020 Q4	870.519	1.6	809.804	1.2	428.247	-1.6	192.743	1.4	57.177	2.8	97.177	4.3	1.205	60.715	388.174	5.2	327.459	4.6
2021 Q1	872.453	0.2	816.936	0.9	419.841	-2.0	192.241	-0.3	56.384	-1.4	95.458	-1.8	19.254	55.517	404.456	4.2	348.939	6.6
2021 Q2	892.524	2.3	840.554	2.9	437.808	4.3	199.164	3.6	57.224	1.5	100.435	5.2	11.817	51.970	416.574	3.0	364.604	4.5
2021 Q3	916.023	2.6	866.173	3.0	460.209	5.1	201.486	1.2	55.099	-3.7	102.925	2.5	12.081	49.850	425.616	2.2	375.766	3.1
2021 Q4	927.303	1.2	892.583	3.0	465.385	1.1	203.952	1.2	56.933	3.3	105.225	2.2	26.846	34.720	453.176	6.5	418.456	11.4
2022 Q1	948.890	2.3	921.379	3.2	477.741	2.7	209.936	2.9	59.523	4.5	111.892	6.3	27.626	27.511	467.940	3.3	440.429	5.3
2022 Q2	960.361	1.2	941.627	2.2	490.566	2.7	212.158	1.1	61.689	3.6	115.139	2.9	27.270	18.734	490.838	4.9	472.104	7.2
2022 Q3	969.983	1.0	963.629	2.3	502.161	2.4	212.978	0.4	65.326	5.9	117.020	1.6	31.104	6.354	507.145	3.3	500.791	6.1
2022 Q4	990.946	2.2	970.053	0.7	506.559	0.9	215.849	1.3	65.288	-0.1	117.443	0.4	30.091	20.893	499.414	-1.5	478.521	-4.4
2023 Q1	1,007.966	1.7	970.455	0.0	514.359	1.5	214.126	-0.8	67.976	4.1	123.333	5.0	15.325	37.511	495.880	-0.7	458.369	-4.2
2023 Q2	1,027.533	1.9	986.332	1.6	521.864	1.5	222.594	4.0	69.213	1.8	124.522	1.0	12.487	41.201	490.288	-1.1	449.087	-2.0

Source of the unadjusted figures: Federal Statistical Office. * Last update: August 2023

II. Macroeconomic accounting systems

4. National income *

(R) seasonally adjusted +

Period	Gross national income (GNP) 1		National income		Compensation of employees (residents) 1,2			Entrepreneurial and property income 1,3		
	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	% of national income	€ billion	Change from previous period in %	% of national income
2006 Q3	607.270	0.5	450.200	0.1	294.551	1.2	65.4	155.649	-1.8	34.6
2006 Q4	619.250	2.0	459.462	2.1	295.245	0.2	64.3	164.217	5.5	35.7
2007 Q1	629.030	1.6	465.088	1.2	297.802	0.9	64.0	167.286	1.9	36.0
2007 Q2	630.685	0.3	462.155	-0.6	300.037	0.8	64.9	162.118	-3.1	35.1
2007 Q3	634.392	0.6	466.239	0.9	301.983	0.6	64.8	164.256	1.3	35.2
2007 Q4	641.738	1.2	473.669	1.6	304.617	0.9	64.3	169.052	2.9	35.7
2008 Q1	641.513	-0.0	473.476	-0.0	308.935	1.4	65.2	164.541	-2.7	34.8
2008 Q2	650.735	1.4	476.917	0.7	311.813	0.9	65.4	165.104	0.3	34.6
2008 Q3	643.720	-1.1	468.936	-1.7	313.891	0.7	66.9	155.045	-6.1	33.1
2008 Q4	634.697	-1.4	460.148	-1.9	316.576	0.9	68.8	143.572	-7.4	31.2
2009 Q1	615.287	-3.1	444.130	-3.5	313.935	-0.8	70.7	130.195	-9.3	29.3
2009 Q2	617.194	0.3	443.912	-0.0	312.914	-0.3	70.5	130.998	0.6	29.5
2009 Q3	630.443	2.1	455.521	2.6	314.947	0.6	69.1	140.574	7.3	30.9
2009 Q4	637.950	1.2	461.757	1.4	316.232	0.4	68.5	145.525	3.5	31.5
2010 Q1	637.430	-0.1	466.911	1.1	319.300	1.0	68.4	147.611	1.4	31.6
2010 Q2	649.253	1.9	470.561	0.8	321.969	0.8	68.4	148.592	0.7	31.6
2010 Q3	659.160	1.5	478.674	1.7	325.467	1.1	68.0	153.207	3.1	32.0
2010 Q4	669.998	1.6	488.947	2.1	328.674	1.0	67.2	160.273	4.6	32.8
2011 Q1	682.054	1.8	500.020	2.3	333.554	1.5	66.7	166.466	3.9	33.3
2011 Q2	686.159	0.6	498.666	-0.3	337.280	1.1	67.6	161.386	-3.1	32.4
2011 Q3	696.875	1.6	508.236	1.9	339.390	0.6	66.8	168.846	4.6	33.2
2011 Q4	697.446	0.1	509.157	0.2	341.973	0.8	67.2	167.184	-1.0	32.8
2012 Q1	701.688	0.6	512.301	0.6	346.394	1.3	67.6	165.907	-0.8	32.4
2012 Q2	698.394	-0.5	506.175	-1.2	350.920	1.3	69.3	155.255	-6.4	30.7
2012 Q3	704.459	0.9	509.822	0.7	353.008	0.6	69.2	156.814	1.0	30.8
2012 Q4	706.637	0.3	511.461	0.3	355.568	0.7	69.5	155.893	-0.6	30.5
2013 Q1	702.819	-0.5	510.310	-0.2	356.819	0.4	69.9	153.491	-1.5	30.1
2013 Q2	721.160	2.6	524.861	2.9	360.091	0.9	68.6	164.770	7.3	31.4
2013 Q3	725.138	0.6	524.611	-0.0	363.461	0.9	69.3	161.150	-2.2	30.7
2013 Q4	727.332	0.3	526.992	0.5	366.238	0.8	69.5	160.754	-0.2	30.5
2014 Q1	737.043	1.3	538.255	2.1	371.526	1.4	69.0	166.729	3.7	31.0
2014 Q2	742.064	0.7	539.181	0.2	374.316	0.8	69.4	164.865	-1.1	30.6
2014 Q3	750.954	1.2	546.296	1.3	377.539	0.9	69.1	168.757	2.4	30.9
2014 Q4	756.020	0.7	549.568	0.6	380.570	0.8	69.2	168.998	0.1	30.8
2015 Q1	760.920	0.6	555.124	1.0	384.374	1.0	69.2	170.750	1.0	30.8
2015 Q2	766.976	0.8	556.763	0.3	390.058	1.5	70.1	166.705	-2.4	29.9
2015 Q3	781.026	1.8	568.977	2.2	393.217	0.8	69.1	175.760	5.4	30.9
2015 Q4	786.221	0.7	571.891	0.5	397.165	1.0	69.4	174.726	-0.6	30.6
2016 Q1	790.763	0.6	577.393	1.0	400.661	0.9	69.4	176.732	1.1	30.6
2016 Q2	807.976	2.2	591.313	2.4	403.780	0.8	68.3	187.533	6.1	31.7
2016 Q3	803.304	-0.6	586.285	-0.9	407.811	1.0	69.6	178.474	-4.8	30.4
2016 Q4	810.461	0.9	590.513	0.7	412.799	1.2	69.9	177.714	-0.4	30.1
2017 Q1	824.926	1.8	602.799	2.1	417.417	1.1	69.2	185.382	4.3	30.8
2017 Q2	830.134	0.6	604.894	0.3	422.026	1.1	69.8	182.868	-1.4	30.2
2017 Q3	839.495	1.1	615.719	1.8	425.649	0.9	69.1	190.070	3.9	30.9
2017 Q4	850.451	1.3	620.828	0.8	431.226	1.3	69.5	189.602	-0.2	30.5
2018 Q1	857.711	0.9	626.721	0.9	436.108	1.1	69.6	190.613	0.5	30.4
2018 Q2	871.653	1.6	636.760	1.6	441.341	1.2	69.3	195.419	2.5	30.7
2018 Q3	866.913	-0.5	632.691	-0.6	446.438	1.2	70.6	186.253	-4.7	29.4
2018 Q4	882.633	1.8	642.984	1.6	450.125	0.8	70.0	192.859	3.5	30.0
2019 Q1	894.544	1.3	651.772	1.4	457.338	1.6	70.2	194.434	0.8	29.8
2019 Q2	897.025	0.3	653.235	0.2	463.380	1.3	70.9	189.855	-2.4	29.1
2019 Q3	905.482	0.9	661.471	1.3	467.926	1.0	70.7	193.545	1.9	29.3
2019 Q4	907.075	0.2	656.367	-0.8	467.674	-0.1	71.3	188.693	-2.5	28.7
2020 Q1	898.567	-0.9	652.811	-0.5	470.558	0.6	72.1	182.253	-3.4	27.9
2020 Q2	820.809	-8.7	599.424	-8.2	449.590	-4.5	75.0	149.834	-17.8	25.0
2020 Q3	879.899	7.2	650.456	8.5	463.890	3.2	71.3	186.566	24.5	28.7
2020 Q4	901.643	2.5	662.980	1.9	469.572	1.2	70.8	193.408	3.7	29.2
2021 Q1	903.666	0.2	669.935	1.0	467.690	-0.4	69.8	202.245	4.6	30.2
2021 Q2	926.885	2.6	688.312	2.7	473.140	1.2	68.7	215.172	6.4	31.3
2021 Q3	954.483	3.0	697.369	1.3	485.604	2.6	69.6	211.765	-1.6	30.4
2021 Q4	971.762	1.8	713.675	2.3	491.826	1.3	68.9	221.849	4.8	31.1
2022 Q1	990.111	1.9	709.983	-0.5	499.236	1.5	70.3	210.747	-5.0	29.7
2022 Q2	999.464	0.9	714.358	0.6	499.222	-0.0	69.9	215.136	2.1	30.1
2022 Q3	1,008.652	0.9	726.699	1.7	506.270	1.4	69.7	220.429	2.5	30.3
2022 Q4	1,029.373	2.1	739.888	1.8	518.834	2.5	70.1	221.054	0.3	29.9
2023 Q1	1,052.553	2.3	766.481	3.6	532.335	2.6	69.5	234.146	5.9	30.5
2023 Q2	1,070.703	1.7	767.715	0.2	534.265	0.4	69.6	233.450	-0.3	30.4

Source of the unadjusted figures: Federal Statistical Office. * Last update: August 2023.
+ Not adjusted for working-day variations. 1 Derived from seasonally adjusted basic series. 2 Including employers contributions to social security funds. 3 Including, besides

entrepreneurial income, income from interest, dividends, distribution of profits, net rents and reinvested earnings on foreign investment. 4 Figures revised as of Q1 2019.

II. Macroeconomic accounting systems

5. Households' income *

(R) seasonally adjusted +

Period	Gross wages and salaries 1		Deductions 2,3		Net wages and salaries		Monetary social benefits received (A) 4		Mass income 3		Operating surplus/mixed income 5		Disposable income 3,6		Saving 3,6		Saving ratio 3,7
	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	€ billion	Change from previous period in %	
2008 Q2	253.809	0.7	83.529	1.7	170.280	0.3	86.987	0.8	257.267	0.5	140.213	3.5	390.708	1.5	44.450	3.6	11.4
2008 Q3	255.510	0.7	84.212	0.8	171.298	0.6	86.858	-0.1	258.156	0.3	140.108	-0.1	391.019	0.1	43.572	-2.0	11.1
2008 Q4	257.757	0.9	85.732	1.8	172.025	0.4	87.521	0.8	259.546	0.5	131.866	-5.9	383.292	-2.0	38.186	-12.4	10.0
2009 Q1	254.678	-1.2	84.834	-1.0	169.844	-1.3	89.373	2.1	259.217	-0.1	132.309	0.3	384.939	0.4	39.614	3.7	10.3
2009 Q2	253.153	-0.6	82.959	-2.2	170.194	0.2	92.999	4.1	263.193	1.5	129.858	-1.9	386.277	0.3	40.448	2.1	10.5
2009 Q3	256.011	1.1	83.597	0.8	172.414	1.3	94.320	1.4	266.734	1.3	122.286	-5.8	384.352	-0.5	40.202	-0.6	10.5
2009 Q4	257.610	0.6	84.053	0.5	173.557	0.7	94.257	-0.1	267.814	0.4	120.932	-1.1	384.604	0.1	39.519	-1.7	10.3
2010 Q1	259.242	0.6	82.524	-1.8	176.718	1.8	94.438	0.2	271.156	1.2	123.822	2.4	388.277	1.0	40.733	3.1	10.5
2010 Q2	261.216	0.8	82.464	-0.1	178.752	1.2	94.528	0.1	273.280	0.8	124.629	0.7	392.043	1.0	40.724	-0.0	10.4
2010 Q3	264.471	1.2	84.334	2.3	180.137	0.8	93.197	-1.4	273.334	0.0	125.847	1.0	395.523	0.9	40.587	-0.3	10.3
2010 Q4	267.405	1.1	85.555	1.4	181.850	1.0	93.745	0.6	275.595	0.8	128.529	2.1	399.757	1.1	40.349	-0.6	10.1
2011 Q1	271.977	1.7	87.868	2.7	184.109	1.2	93.114	-0.7	277.223	0.6	129.022	0.4	401.487	0.4	39.897	-1.1	9.9
2011 Q2	275.094	1.1	89.097	1.4	185.997	1.0	92.554	-0.6	278.551	0.5	132.926	3.0	405.849	1.1	40.881	2.5	10.1
2011 Q3	276.927	0.7	89.840	0.8	187.087	0.6	92.739	0.2	279.826	0.5	133.374	0.3	409.054	0.8	41.350	1.1	10.1
2011 Q4	279.547	0.9	90.297	0.5	189.250	1.2	92.670	-0.1	281.920	0.7	136.459	2.3	411.694	0.6	41.018	-0.8	10.0
2012 Q1	283.133	1.3	91.656	1.5	191.477	1.2	93.325	0.7	284.802	1.0	137.007	0.4	418.616	1.7	41.498	1.2	9.9
2012 Q2	286.884	1.3	93.038	1.5	193.846	1.2	94.118	0.8	287.964	1.1	132.649	-3.2	415.291	-0.8	40.719	-1.9	9.8
2012 Q3	288.682	0.6	94.280	1.3	194.402	0.3	94.510	0.4	288.912	0.3	133.691	0.8	416.427	0.3	40.519	-0.5	9.7
2012 Q4	291.258	0.9	94.848	0.6	196.410	1.0	94.818	0.3	291.228	0.8	133.313	-0.3	418.062	0.4	38.294	-5.5	9.2
2013 Q1	292.442	0.4	94.980	0.1	197.462	0.5	95.310	0.5	292.772	0.5	130.726	-1.9	417.760	-0.1	37.648	-1.7	9.0
2013 Q2	295.109	0.9	96.123	1.2	198.986	0.8	96.160	0.9	295.146	0.8	134.721	3.1	422.829	1.2	40.112	6.5	9.5
2013 Q3	298.144	1.0	97.264	1.2	200.880	1.0	96.196	0.0	297.076	0.7	135.415	0.5	425.688	0.7	39.981	-0.3	9.4
2013 Q4	300.649	0.8	98.624	1.4	202.025	0.6	96.212	0.0	298.237	0.4	132.717	-2.0	424.570	-0.3	39.322	-1.6	9.3
2014 Q1	304.694	1.3	99.355	0.7	205.339	1.6	97.438	1.3	302.777	1.5	130.362	-1.8	428.362	0.9	41.099	4.5	9.6
2014 Q2	307.121	0.8	99.914	0.6	207.207	0.9	97.387	-0.1	304.594	0.6	132.261	1.5	431.834	0.8	43.178	5.1	10.0
2014 Q3	309.838	0.9	101.409	1.5	208.429	0.6	98.691	1.3	307.120	0.8	135.514	2.5	436.403	1.1	43.263	0.2	9.9
2014 Q4	312.518	0.9	103.009	1.6	209.509	0.5	100.505	1.8	310.014	0.9	134.216	-1.0	437.912	0.3	43.072	-0.4	9.8
2015 Q1	315.402	0.9	104.033	1.0	211.369	0.9	101.581	1.1	312.950	0.9	132.422	-1.3	438.077	0.0	42.387	-1.6	9.7
2015 Q2	320.470	1.6	105.216	1.1	215.254	1.8	102.043	0.5	317.297	1.4	131.452	-0.7	444.936	1.6	46.191	9.0	10.4
2015 Q3	323.053	0.8	105.979	0.7	217.074	0.8	102.563	0.5	319.637	0.7	136.625	3.9	448.232	0.7	45.291	-1.9	10.1
2015 Q4	326.530	1.1	106.936	0.9	219.594	1.2	104.272	1.7	323.866	1.3	134.889	-1.3	451.094	0.6	45.501	0.5	10.1
2016 Q1	329.735	1.0	109.043	2.0	220.692	0.5	104.546	0.3	325.238	0.4	136.376	1.1	453.768	0.6	46.452	2.1	10.2
2016 Q2	332.299	0.8	108.913	-0.1	223.386	1.2	105.909	1.3	329.295	1.2	138.226	1.4	460.903	1.6	47.339	1.9	10.3
2016 Q3	335.393	0.9	110.880	1.8	224.513	0.5	107.710	1.7	332.223	0.9	137.837	-0.3	461.918	0.2	47.433	0.2	10.3
2016 Q4	339.960	1.4	112.260	1.2	227.700	1.4	108.053	0.3	335.753	1.1	139.093	0.9	464.889	0.6	46.539	-1.9	10.0
2017 Q1	343.601	1.1	114.027	1.6	229.574	0.8	109.313	1.2	338.887	0.9	143.486	3.2	472.554	1.6	50.953	9.5	10.8
2017 Q2	346.958	1.0	115.179	1.0	231.779	1.0	110.033	0.7	341.812	0.9	140.871	-1.8	474.523	0.4	50.489	-0.9	10.6
2017 Q3	350.059	0.9	116.115	0.8	233.944	0.9	110.740	0.6	344.684	0.8	144.117	2.3	477.674	0.7	50.261	-0.5	10.5
2017 Q4	354.808	1.4	117.576	1.3	237.232	1.4	111.666	0.8	348.898	1.2	143.450	-0.5	480.491	0.6	51.074	1.6	10.6
2018 Q1	359.658	1.4	119.626	1.7	240.032	1.2	112.391	0.6	352.423	1.0	150.459	4.9	492.058	2.4	56.790	11.2	11.5
2018 Q2	364.174	1.3	121.335	1.4	242.839	1.2	113.209	0.7	356.048	1.0	148.176	-1.5	493.831	0.4	56.481	-0.5	11.4
2018 Q3	367.790	1.0	122.367	0.9	245.423	1.1	114.249	0.9	359.672	1.0	143.505	-3.2	492.678	-0.2	55.744	-1.3	11.3
2018 Q4	371.057	0.9	123.253	0.7	247.804	1.0	115.303	0.9	363.107	1.0	145.976	1.7	498.071	1.1	54.233	-2.7	10.9
2019 Q1	375.238	1.1	123.382	0.1	251.856	1.6	116.413	1.0	368.269	1.4	142.529	-2.4	501.285	0.6	56.782	4.7	11.3
2019 Q2	381.157	1.6	125.938	2.1	255.219	1.3	118.631	1.9	373.850	1.5	143.171	0.5	507.075	1.2	54.933	-3.3	10.8
2019 Q3	384.324	0.8	126.572	0.5	257.752	1.0	120.438	1.5	378.190	1.2	138.671	-3.1	507.954	0.2	54.175	-1.4	10.7
2019 Q4	383.933	-0.1	126.987	0.3	256.946	-0.3	122.065	1.4	379.011	0.2	139.945	0.9	508.049	0.0	53.939	-0.4	10.6
2020 Q1	385.690	0.5	126.699	-0.2	258.991	0.8	123.950	1.5	382.941	1.0	144.389	3.2	514.916	1.4	69.881	29.6	13.6
2020 Q2	365.581	-5.2	119.546	-5.6	246.035	-5.0	132.421	6.8	378.456	-1.2	129.658	-10.2	504.101	-2.1	105.332	50.7	20.9
2020 Q3	379.536	3.8	123.580	3.4	255.956	4.0	133.015	0.4	388.971	2.8	131.918	1.7	513.415	1.8	77.708	-26.2	15.1
2020 Q4	384.444	1.3	124.360	0.6	260.084	1.6	134.508	1.1	394.592	1.4	128.084	-2.9	514.453	0.2	85.299	9.8	16.6
2021 Q1	380.460	-1.0	123.557	-0.6	256.903	-1.2	135.297	0.6	392.200	-0.6	136.594	6.6	517.633	0.6	97.092	13.8	18.8
2021 Q2	387.782	1.9	124.830	1.0	262.952	2.4	135.930	0.5	398.882	1.7	134.487	-1.5	526.734	1.8	90.045	-7.3	17.1
2021 Q3	399.316	3.0	129.518	3.8	269.798	2.6	131.181	-3.5	400.979	0.5	136.579	1.6	522.571	-0.8	61.826	-31.3	11.8
2021 Q4	403.701	1.1	130.491	0.8	273.210	1.3	131.695	0.4	404.905	1.0	145.618	6.6	531.572	1.7	64.056	3.6	12.1
2022 Q1	407.832	1.0	133.276	2.1	274.556	0.5	132.002	0.2	406.558	0.4	146.005	0.3	538.385	1.3	61.501	-4.0	11.4
2022 Q2	410.831	0.7	135.505	1.7	275.326	0.3	132.752	0.6	408.078	0.4	157.659	8.0	553.746	2.9	61.100	-0.7	11.0
2022 Q3	417.091	1.5	136.252	0.6	280.839	2.0	138.136	4.1	418.975	2.7	155.087	-1.6	565.060	2.0	62.523	2.3	11.1
2022 Q4	425.998	2.1	137.917	1.2	288.081	2.6	138.924	0.6	427.005	1.9	154.153	-0.6	570.296	0.9	63.066	0.9	11.1
2023 Q1	435.501	2.2	136.234	-1.2	299.267	3.9	141.132	1.6	440.399	3.1	149.807	-2.8	578.392	1.4	61.840	-1.9	10.7
2023 Q2	442.145	1.5	140.106	2.8	302.039	0.9	142.329	0.8	444.368	0.9	155.926	4.1	591.056	2.2	70.129	13.4	11.9

Source of the unadjusted figures: Federal Statistical Office. * Households including non-profit institutions serving households. Last update: August 2023. + Not adjusted for working-day variations. 1 Residence concept. 2 Wage tax payable on gross wages and salaries, and employees' social contributions. 3 Derived from seasonally adjusted basic series. 4 Cash benefits from social security funds, general government and

non-residents, pensions (net), private funded social benefits, less levies on social benefits, taxes on consumer goods and government charges. 5 Including property income. 6 Including the adjustment for the change in the net equity of households in pension funds reserves. 7 Saving as a percentage of disposable income. 8 Figures revised as of Q1 2019.

II. Macroeconomic accounting systems

6. Productivity and labour costs in the economy as a whole *

Period	GDP at previous-year prices per total hours worked (R)		Compensation per employee hours worked (domestic concept) (R)		Labour costs (R)				GDP deflator	
	2015 = 100	Change from previous period in %	2015 = 100	Change from previous period in %	Per unit of output 1		Per unit of turnover 2		2015 = 100	Change from previous period in %
					2015 = 100	Change from previous period in %	2015 = 100	Change from previous period in %		
2007 Q3	95.91	0.5	81.39	0.7	84.86	0.2	95.14	-0.1	89.20	0.3
2007 Q4	96.31	0.4	81.62	0.3	84.75	-0.1	94.64	-0.5	89.54	0.4
2008 Q1	96.31	0.0	3 82.37	0.9	3 85.53	0.9	3 95.55	1.0	89.51	-0.0
2008 Q2	95.89	-0.4	3 81.71	-0.8	3 85.21	-0.4	3 94.93	-0.6	89.76	0.3
2008 Q3	95.74	-0.2	83.40	2.1	87.11	2.2	96.84	2.0	89.95	0.2
2008 Q4	94.80	-1.0	85.02	1.9	89.68	3.0	99.28	2.5	90.34	0.4
2009 Q1	91.37	-3.6	85.43	0.5	93.50	4.3	102.75	3.5	90.99	0.7
2009 Q2	92.74	1.5	86.52	1.3	93.29	-0.2	102.16	-0.6	91.31	0.4
2009 Q3	93.27	0.6	86.65	0.2	92.90	-0.4	101.19	-0.9	91.80	0.5
2009 Q4	93.83	0.6	86.56	-0.1	92.25	-0.7	100.22	-1.0	92.03	0.3
2010 Q1	94.08	0.3	87.41	1.0	92.91	0.7	100.85	0.6	92.11	0.1
2010 Q2	95.11	1.1	86.74	-0.8	91.20	-1.8	99.59	-1.2	91.57	-0.6
2010 Q3	95.53	0.4	87.18	0.5	91.26	0.1	98.87	-0.7	92.30	0.8
2010 Q4	95.05	-0.5	86.35	-1.0	90.85	-0.4	98.21	-0.7	92.50	0.2
2011 Q1	96.94	2.0	88.04	2.0	90.82	-0.0	98.14	-0.1	92.54	0.0
2011 Q2	97.30	0.4	89.25	1.4	91.73	1.0	98.76	0.6	92.87	0.4
2011 Q3	97.86	0.6	89.56	0.3	91.52	-0.2	98.15	-0.6	93.24	0.4
2011 Q4	97.50	-0.4	90.23	0.7	92.54	1.1	98.62	0.5	93.83	0.6
2012 Q1	97.52	0.0	90.55	0.4	92.85	0.3	98.90	0.3	93.89	0.1
2012 Q2	98.17	0.7	93.09	2.8	94.83	2.1	100.76	1.9	94.10	0.2
2012 Q3	98.31	0.1	93.58	0.5	95.19	0.4	100.44	-0.3	94.76	0.7
2012 Q4	98.05	-0.3	94.12	0.6	95.99	0.8	100.73	0.3	95.30	0.6
2013 Q1	98.17	0.1	95.36	1.3	97.14	1.2	101.29	0.6	95.90	0.6
2013 Q2	98.39	0.2	94.66	-0.7	96.21	-1.0	100.03	-1.2	96.18	0.3
2013 Q3	98.43	0.0	94.92	0.3	96.43	0.2	99.82	-0.2	96.60	0.4
2013 Q4	98.88	0.5	96.18	1.3	97.27	0.9	100.52	0.7	96.76	0.2
2014 Q1	98.93	0.1	96.51	0.3	97.55	0.3	99.92	-0.6	97.62	0.9
2014 Q2	99.23	0.3	97.42	0.9	98.18	0.6	100.04	0.1	98.12	0.5
2014 Q3	99.65	0.4	97.69	0.3	98.03	-0.2	99.66	-0.4	98.36	0.2
2014 Q4	100.18	0.5	98.43	0.8	98.25	0.2	99.69	0.0	98.56	0.2
2015 Q1	99.47	-0.7	99.03	0.6	99.56	1.3	100.06	0.4	99.48	0.9
2015 Q2	99.79	0.3	100.04	1.0	100.25	0.7	100.34	0.3	99.88	0.4
2015 Q3	100.38	0.6	100.46	0.4	100.08	-0.2	99.88	-0.5	100.18	0.3
2015 Q4	100.35	-0.0	100.47	0.0	100.12	0.0	99.74	-0.1	100.36	0.2
2016 Q1	101.40	1.0	102.65	2.2	101.23	1.1	100.34	0.6	100.88	0.5
2016 Q2	101.14	-0.3	100.89	-1.7	99.75	-1.5	98.55	-1.8	101.20	0.3
2016 Q3	101.23	0.1	102.62	1.7	101.37	1.6	100.00	1.5	101.36	0.2
2016 Q4	101.67	0.4	103.90	1.2	102.19	0.8	100.36	0.4	101.80	0.4
2017 Q1	102.40	0.7	103.59	-0.3	101.16	-1.0	99.09	-1.3	102.06	0.3
2017 Q2	102.99	0.6	105.27	1.6	102.21	1.0	99.58	0.5	102.62	0.5
2017 Q3	103.07	0.1	105.60	0.3	102.45	0.2	99.36	-0.2	103.09	0.5
2017 Q4	104.19	1.1	107.19	1.5	102.88	0.4	99.35	-0.0	103.52	0.4
2018 Q1	104.00	-0.2	108.20	0.9	104.04	1.1	100.04	0.7	103.98	0.4
2018 Q2	103.44	-0.5	107.71	-0.5	104.13	0.1	99.63	-0.4	104.50	0.5
2018 Q3	102.73	-0.7	109.80	1.9	106.88	2.6	101.62	2.0	105.16	0.6
2018 Q4	103.36	0.6	110.02	0.2	106.44	-0.4	100.47	-1.1	105.92	0.7
2019 Q1	103.75	0.4	111.23	1.1	107.21	0.7	101.05	0.6	106.08	0.2
2019 Q2	104.42	0.6	113.56	2.1	108.75	1.4	101.89	0.8	106.71	0.6
2019 Q3	103.51	-0.9	113.04	-0.5	109.21	0.4	101.56	-0.3	107.51	0.7
2019 Q4	104.77	1.2	114.52	1.3	109.31	0.1	100.96	-0.6	108.25	0.7
2020 Q1	104.43	-0.3	115.71	1.0	110.80	1.4	101.70	0.7	108.96	0.7
2020 Q2	101.29	-3.0	118.12	2.1	116.62	5.3	105.93	4.2	110.09	1.0
2020 Q3	108.59	7.2	119.85	1.5	110.37	-5.4	101.84	-3.9	108.37	-1.6
2020 Q4	106.86	-1.6	117.58	-1.9	110.03	-0.3	100.68	-1.1	109.29	0.8
2021 Q1	105.28	-1.5	117.58	0.0	111.68	1.5	100.66	-0.0	110.93	1.5
2021 Q2	104.86	-0.4	115.58	-1.7	110.22	-1.3	99.27	-1.4	111.00	0.1
2021 Q3	107.75	2.8	121.13	4.8	112.42	2.0	99.32	0.1	113.17	2.0
2021 Q4	105.84	-1.8	119.70	-1.2	113.10	0.6	98.71	-0.6	114.55	1.2
2022 Q1	106.43	0.6	121.41	1.4	114.07	0.9	98.28	-0.4	116.06	1.3
2022 Q2	106.32	-0.1	121.55	0.1	114.32	0.2	97.18	-1.1	117.62	1.3
2022 Q3	106.19	-0.1	122.64	0.9	115.49	1.0	97.55	0.4	118.36	0.6
2022 Q4	106.89	0.7	127.27	3.8	119.07	3.1	98.04	0.5	121.42	2.6
2023 Q1	105.45	-1.3	127.67	0.3	121.07	1.7	97.92	-0.1	123.62	1.8
2023 Q2	104.91	-0.5	128.72	0.8	122.70	1.3	97.37	-0.6	125.99	1.9

Sources of the unadjusted figures: Federal Statistical Office, Institute for Employment Research of the Federal Employment Agency. * Last update: August 2023. + Not adjusted for working-day variations; derived from seasonally adjusted basic series, except GDP deflator. 1 Index of compensation per employee hours worked divided by index of GDP at previous-year prices per total hours worked. 2 Index of compensation

per employee hours worked divided by index of nominal GDP per total hours worked. 3 Quarterly change mainly affected by the particularly significant calendar irregularities, which are largely balanced out over a six-month period. 4 Figures revised as of Q1 2019, except GDP deflator.

II. Macroeconomic accounting systems

7. Unit labour costs in selected economic sectors *

(R) seasonally adjusted +

Period	Enterprises 1		of which:															
			Production sector excluding construction				Construction		Wholesale and retail trade, hotels and restaurants and transport		Information and communication		Financial and insurance services		Real estate activities		Business services	
	2015=100	Change from previous period in %	2015=100	Change from previous period in %	2015=100	Change from previous period in %	2015=100	Change from previous period in %	2015=100	Change from previous period in %	2015=100	Change from previous period in %	2015=100	Change from previous period in %	2015=100	Change from previous period in %	2015=100	Change from previous period in %
2008 Q2	85.63	-1.0	88.75	-2.9	85.98	0.2	84.05	-0.3	103.46	0.7	90.77	1.9	94.48	0.4	69.68	0.2		
2008 Q3	88.37	3.2	93.05	4.8	89.16	3.7	87.24	3.8	103.24	-0.2	89.58	-1.3	97.58	3.3	71.64	2.8		
2008 Q4	91.81	3.9	100.77	8.3	90.38	1.4	89.22	2.3	102.02	-1.2	92.66	3.4	96.90	-0.7	72.73	1.5		
2009 Q1	96.11	4.7	110.58	9.7	93.99	4.0	92.40	3.6	107.86	5.7	88.55	-4.4	93.48	-3.5	78.75	8.3		
2009 Q2	95.62	-0.5	107.75	-2.6	96.04	2.2	92.59	0.2	104.77	-2.9	95.44	7.8	92.85	-0.7	79.65	1.1		
2009 Q3	94.33	-1.3	104.00	-3.5	94.96	-1.1	91.78	-0.9	103.11	-1.6	94.66	-0.8	93.89	1.1	80.19	0.7		
2009 Q4	94.11	-0.2	102.16	-1.8	96.34	1.5	91.49	-0.3	101.73	-1.3	96.05	1.5	94.76	0.9	81.27	1.3		
2010 Q1	93.56	-0.6	96.99	-5.1	90.61	-5.9	97.00	6.0	106.33	4.5	89.54	-6.8	94.82	0.1	81.90	0.8		
2010 Q2	92.00	-1.7	93.33	-3.8	87.35	-3.6	95.62	-1.4	105.64	-0.6	87.95	-1.8	96.76	2.0	82.42	0.6		
2010 Q3	92.05	0.1	93.20	-0.1	90.08	3.1	94.45	-1.2	105.08	-0.5	89.55	1.8	96.20	-0.6	82.72	0.4		
2010 Q4	91.79	-0.3	91.55	-1.8	92.68	2.9	94.58	0.1	105.41	0.3	89.80	0.3	96.30	0.1	83.18	0.6		
2011 Q1	91.22	-0.6	92.75	1.3	89.79	-3.1	93.07	-1.6	98.16	-6.9	88.76	-1.2	94.27	-2.1	85.05	2.2		
2011 Q2	92.07	0.9	93.35	0.6	90.92	1.3	93.74	0.7	98.16	0.0	87.91	-1.0	96.11	2.0	87.06	2.4		
2011 Q3	92.03	-0.0	92.51	-0.9	92.84	2.1	94.27	0.6	97.52	-0.7	87.83	-0.1	94.99	-1.2	87.71	0.7		
2011 Q4	93.49	1.6	94.31	1.9	90.72	-2.3	95.17	1.0	98.28	0.8	97.48	11.0	95.71	0.8	88.42	0.8		
2012 Q1	93.45	-0.0	93.08	-1.3	92.62	2.1	92.54	-2.8	100.48	2.2	94.52	-3.0	100.26	4.8	90.44	2.3		
2012 Q2	95.61	2.3	96.55	3.7	95.36	3.0	94.82	2.5	100.78	0.3	94.80	0.3	100.33	0.1	91.25	0.9		
2012 Q3	96.22	0.6	96.47	-0.1	97.21	1.9	96.00	1.2	100.69	-0.1	94.66	-0.1	101.03	0.7	92.70	1.6		
2012 Q4	97.21	1.0	98.64	2.2	97.95	0.8	96.73	0.8	102.01	1.3	92.84	-1.9	101.08	0.0	93.50	0.9		
2013 Q1	97.74	0.5	101.15	2.5	100.41	2.5	98.16	1.5	97.57	-4.4	92.53	-0.3	95.01	-6.0	92.62	-0.9		
2013 Q2	96.59	-1.2	99.55	-1.6	97.96	-2.4	96.91	-1.3	96.38	-1.2	89.39	-3.4	96.25	1.3	92.79	0.2		
2013 Q3	96.62	0.0	99.90	0.4	97.63	-0.3	96.63	-0.3	96.65	0.3	88.71	-0.8	96.15	-0.1	92.58	-0.2		
2013 Q4	97.33	0.7	99.64	-0.3	99.13	1.5	97.88	1.3	97.54	0.9	92.33	4.1	97.44	1.3	93.05	0.5		
2014 Q1	97.37	0.0	98.09	-1.6	95.73	-3.4	98.67	0.8	98.96	1.5	95.34	3.3	99.46	2.1	93.82	0.8		
2014 Q2	98.37	1.0	99.66	1.6	97.37	1.7	98.89	0.2	96.83	-2.2	98.86	3.7	97.85	-1.6	95.64	1.9		
2014 Q3	97.80	-0.6	98.33	-1.3	97.49	0.1	98.34	-0.6	96.89	0.1	99.15	0.3	98.55	0.7	95.39	-0.3		
2014 Q4	98.24	0.4	98.49	0.2	99.96	2.5	98.20	-0.1	97.22	0.3	99.62	0.5	97.88	-0.7	96.53	1.2		
2015 Q1	99.65	1.4	100.61	2.2	99.46	-0.5	99.17	1.0	100.43	3.3	97.89	-1.7	102.41	4.6	98.63	2.2		
2015 Q2	100.40	0.8	100.98	0.4	100.63	1.2	100.60	1.4	100.12	-0.3	100.05	2.2	97.89	-4.4	99.33	0.7		
2015 Q3	99.88	-0.5	99.27	-1.7	100.57	-0.1	99.68	-0.9	100.18	0.1	100.60	0.5	100.83	3.0	100.63	1.3		
2015 Q4	100.06	0.2	99.20	-0.1	99.35	-1.2	100.53	0.9	99.31	-0.9	101.47	0.9	98.92	-1.9	101.36	0.7		
2016 Q1	101.19	1.1	99.40	0.2	101.64	2.3	102.12	1.6	101.30	2.0	104.95	3.4	105.10	6.2	101.19	-0.2		
2016 Q2	99.00	-2.2	95.70	-3.7	97.74	-3.8	100.71	-1.4	100.61	-0.7	106.54	1.5	102.12	-2.8	99.25	-1.9		
2016 Q3	100.62	1.6	98.24	2.7	101.72	4.1	102.04	1.3	99.39	-1.2	106.32	-0.2	103.88	1.7	100.28	1.0		
2016 Q4	101.58	1.0	98.99	0.8	102.35	0.6	102.73	0.7	102.19	2.8	103.70	-2.5	105.53	1.6	102.38	2.1		
2017 Q1	100.34	-1.2	96.49	-2.5	102.42	0.1	101.71	-1.0	99.98	-2.2	98.04	-5.5	105.71	0.2	104.22	1.8		
2017 Q2	101.47	1.1	97.67	1.2	104.44	2.0	102.83	1.1	101.71	1.7	96.62	-1.4	111.35	5.3	104.95	0.7		
2017 Q3	101.05	-0.4	96.51	-1.2	104.47	0.0	103.01	0.2	101.19	-0.5	95.40	-1.3	108.52	-2.5	105.38	0.4		
2017 Q4	101.48	0.4	96.49	-0.0	104.39	-0.1	103.47	0.4	101.20	0.0	99.68	4.5	110.51	1.8	105.63	0.2		
2018 Q1	102.56	1.1	97.86	1.4	105.75	1.3	104.11	0.6	99.45	-1.7	103.33	3.7	112.04	1.4	106.76	1.1		
2018 Q2	103.09	0.5	98.65	0.8	105.95	0.2	104.38	0.3	100.67	1.2	104.70	1.3	115.16	2.8	105.79	-0.9		
2018 Q3	105.57	2.4	100.89	2.3	107.38	1.3	107.42	2.9	102.31	1.6	106.46	1.7	118.25	2.7	109.33	3.3		
2018 Q4	104.99	-0.5	101.51	0.6	105.97	-1.3	106.00	-1.3	101.73	-0.6	104.42	-1.9	118.51	0.2	108.27	-1.0		
2019 Q1	106.12	1.1	101.76	0.2	112.50	6.2	105.28	-0.7	104.73	2.9	105.39	0.9	118.87	0.3	110.47	2.0		
2019 Q2	107.87	1.6	103.92	2.1	116.92	3.9	106.11	0.8	106.01	1.2	105.17	-0.2	123.25	3.7	112.18	1.5		
2019 Q3	108.00	0.1	105.34	1.4	114.01	-2.5	105.57	-0.5	105.92	-0.1	104.40	-0.7	119.61	-3.0	112.06	-0.1		
2019 Q4	107.88	-0.1	104.05	-1.2	115.89	1.6	106.19	0.6	106.03	0.1	104.71	0.3	118.78	-0.7	112.90	0.7		
2020 Q1	108.83	0.9	105.20	1.1	112.14	-3.2	108.61	2.3	107.64	1.5	106.87	2.1	122.29	3.0	114.55	1.5		
2020 Q2	114.82	5.5	118.07	12.2	118.08	5.3	115.19	6.1	107.93	0.3	107.32	0.4	122.05	-0.2	119.16	4.0		
2020 Q3	108.51	-5.5	105.29	-10.8	120.41	2.0	106.43	-7.6	108.54	0.6	106.04	-1.2	121.58	-0.4	114.24	-4.1		
2020 Q4	106.42	-1.9	100.11	-4.9	109.54	-9.0	107.37	0.9	107.38	-1.1	105.68	-0.3	124.11	2.1	114.85	0.5		
2021 Q1	108.37	1.8	100.73	0.6	127.11	16.0	109.99	2.4	106.22	-1.1	101.56	-3.9	126.38	1.8	117.69	2.5		
2021 Q2	107.12	-1.2	98.88	-1.8	123.28	-3.0	110.19	0.2	108.78	2.4	98.04	-3.5	125.07	-1.0	114.59	-2.6		
2021 Q3	109.78	2.5	103.41	4.6	126.56	2.7	110.49	0.3	110.27	1.4	99.43	1.4	127.04	1.6	116.08	1.3		
2021 Q4	109.38	-0.4	101.63	-1.7	126.92	0.3	109.46	-0.9	110.44	0.2	102.21	2.8	129.42	1.9	117.44	1.2		
2022 Q1	111.49	1.9	105.86	4.2	129.35	1.9	111.23	1.6	111.12	0.6	98.50	-3.6	131.37	1.5	117.78	0.3		
2022 Q2	112.13	0.6	103.58	-2.2	135.11	4.5	112.53	1.2	112.46	1.2	99.46	1.0	132.95	1.2	122.20	3.8		
2022 Q3	113.13	0.9	104.63	1.0	138.59	2.6	113.16	0.6	113.36	0.8	98.94	-0.5	135.59	2.0	122.80	0.5		
2022 Q4	116.40	2.9	106.61	1.9	145.39	4.9	117.29	3.6	115.87	2.2	98.34	-0.6	132.16	-2.5	128.48	4.6		
2023 Q1	119.35	2.5	112.97	6.0	137.07	-5.7	118.90	1.4	117.99	1.8	104.26	6.0	136.70	3.4	129.37	0.7		
2023 Q2	121.12	1.5	112.00	-0.9	142.76	4.2	124.91	5.1	120.77	2.4	105.78	1.5	136.81	0.1	130.62	1.0		

Sources of the unadjusted figures: Federal Statistical Office, Institute for Employment Research of the Federal Employment Agency. * Labour costs (compensation per employee hours worked) in relation to labour productivity (gross value added at previous-year prices per total hours worked). Last update: August 2023. + Not adjusted

for working-day variations; derived from seasonally adjusted basic series. 1 Excluding public and private service providers. 2 Quarterly change mainly affected by the particularly significant calendar irregularities, which are largely balanced out over a six-month period. 3 Figures revised as of Q1 2019.

III. Economic activity and prices

1. Output

a) Output in the production sector * - general survey

2015 = 100

seasonally adjusted

Percentage weight ¹	of which:																	
	Total		Construction industry				of which:				Total excluding construction industry		of which:					
			Main construction industry		Specialised construction activities		Energy		Industry									
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly				
	100.00		14.04				6.04				85.96		6.37				79.60	
2018 Aug. ²	106.2	105.5	109.7	110.2	118.8	119.9	102.8	102.9	105.6	104.8	102.5	99.6	105.9	105.2				
Sep.	105.4		111.6		122.0		103.7		104.4		96.7		105.0					
Oct.	105.1		110.4		120.6		102.7		104.2		94.1		105.0					
Nov.	103.3	104.3	109.5	110.5	119.4	120.0	102.1	103.4	102.3	103.3	94.0	94.7	103.0	104.0				
Dec.	104.6		111.6		119.9		105.4		103.4		96.0		104.0					
2019 Jan.	104.1		109.8		116.7		104.6		103.2		97.6		103.7					
Feb.	104.1	104.4	113.3	112.1	124.6	122.2	104.8	104.6	102.6	103.2	93.9	95.2	103.3	103.8				
Mar.	105.0		113.3		125.2		104.4		103.7		94.2		104.5					
Apr.	103.8		113.7		125.4		104.8		102.2		91.5		103.1					
May	103.8	103.5	111.3	112.4	123.2	124.9	102.4	103.0	102.6	102.0	90.1	89.5	103.6	103.0				
June	102.8		112.3		126.0		101.9		101.3		86.9		102.4					
July ²	102.6		113.1		125.6		103.7		100.9		86.6		102.0					
Aug. ²	102.9	102.6	113.3	113.5	125.3	126.0	104.2	104.1	101.2	100.8	86.8	86.6	102.4	101.9				
Sep.	102.2		114.2		127.1		104.4		100.2		86.5		101.3					
Oct.	101.5		112.1		125.4		102.1		99.8		88.7		100.7					
Nov.	102.0	101.1	114.0	113.0	127.5	126.3	103.8	102.9	100.0	99.2	90.3	89.4	100.8	100.0				
Dec.	99.8		112.9		126.1		102.9		97.7		89.2		98.4					
2020 Jan.	103.3		119.2		136.9		105.9		100.7		89.3		101.6					
Feb.	103.4	100.5	115.9	117.5	129.4	131.5	105.7	106.9	101.4	97.7	89.0	87.7	102.4	98.5				
Mar.	94.7		117.3		128.3		109.0		91.0		84.8		91.5					
Apr.	77.4		113.2		129.4		101.0		71.6		75.6		71.3					
May	84.3	84.8	113.1	114.3	130.2	129.8	100.2	102.6	79.6	80.0	76.5	78.1	79.8	80.1				
June	92.6		116.5		129.7		106.6		88.7		82.1		89.2					
July	93.7		111.2		129.5		97.4		90.8		80.7		91.6					
Aug.	93.8	94.5	113.6	113.1	129.6	130.0	101.5	100.4	90.6	91.4	87.2	84.3	90.9	92.0				
Sep.	95.9		114.6		130.8		102.4		92.9		84.9		93.5					
Oct.	99.1		115.3		129.5		104.6		96.5		88.2		97.2					
Nov.	100.5	100.4	117.9	119.9	132.4	130.2	107.0	112.2	97.7	97.3	87.1	87.0	98.5	98.1				
Dec.	101.7		126.6		128.8		124.9		97.6		85.6		98.6					
2021 Jan.	99.3		109.8		125.0		98.4		97.6		87.1		98.4					
Feb.	97.4	99.2	108.0	112.6	118.8	127.8	99.8	101.1	95.7	97.0	83.9	85.7	96.6	97.9				
Mar.	100.8		120.0		139.7		105.1		97.7		86.2		98.6					
Apr.	100.4		116.6		134.5		103.1		97.7		90.1		98.3					
May	99.2	99.2	116.9	116.4	132.7	133.2	105.0	103.8	96.3	96.4	86.9	87.6	97.1	97.1				
June	98.1		115.8		132.4		103.2		95.2		85.7		96.0					
July ²	99.0		115.1		132.7		101.8		96.4		82.8		97.5					
Aug. ²	95.5	96.6	113.0	114.2	129.1	131.6	100.8	101.1	92.6	93.8	86.8	86.2	93.1	94.4				
Sep.	95.4		114.6		133.0		100.8		92.3		89.0		92.6					
Oct.	98.2		114.5		133.2		100.4		95.5		88.9		96.0					
Nov.	98.7	98.7	115.0	114.1	133.5	132.4	101.1	100.3	96.0	96.1	88.3	88.5	96.6	96.7				
Dec.	99.1		112.8		130.6		99.4		96.9		88.4		97.6					
2022 Jan.	99.7		116.4		137.4		100.5		97.0		88.1		97.7					
Feb.	99.7	98.7	115.9	116.4	136.4	137.5	100.5	100.4	97.1	95.8	91.5	88.7	97.5	96.3				
Mar.	96.6		116.8		138.6		100.3		93.3		86.5		93.8					
Apr.	97.1		112.5		132.4		97.5		94.6		92.5		94.8					
May	97.8	97.7	113.5	113.1	134.0	133.5	98.1	97.7	95.2	95.2	86.6	88.5	95.9	95.7				
June	98.2		113.2		134.1		97.4		95.8		86.5		96.5					
July ²	97.9		112.5		133.3		96.8		95.5		87.6		96.1					
Aug. ²	97.4	97.9	111.0	111.5	131.3	132.0	95.6	96.0	95.2	95.7	84.6	85.3	96.0	96.5				
Sep.	98.4		111.0		131.5		95.6		96.4		83.7		97.4					
Oct.	97.6		112.6		134.9		95.8		95.2		77.9		96.6					
Nov.	98.5	97.2	111.8	109.2	135.3	131.0	94.0	92.8	96.3	95.3	80.7	79.7	97.5	96.5				
Dec.	95.6		103.3		122.8		88.6		94.3		80.6		95.4					
2023 Jan.	98.4		114.7		135.1		99.3		95.7		79.5		97.0					
Feb.	100.1	98.7	116.1	114.2	138.3	135.8	99.4	97.9	97.5	96.2	79.3	79.0	99.0	97.6				
Mar.	97.7		111.8		133.9		95.1		95.4		78.3		96.8					
Apr. ^o	98.0		112.8		135.5		95.7		95.6		75.6		97.2					
May ^o	97.9	97.5	113.2	111.9	136.5	134.6	95.7	94.8	95.4	95.1	68.7	70.8	97.5	97.1				
June ^o	96.5		109.7		131.9		93.0		94.4		68.1		96.5					
July ^{2,o}	95.9		113.4		134.7		97.4		93.1		68.3		95.1					
Aug. ^{2,o,p}	95.7	...	110.7	...	130.0	...	96.1	...	93.2	...	63.8	...	95.6	...				

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications. ¹ Share of gross value added at factor costs of the production sector in base year 2015. ² Influenced by a change in holiday dates. ^o Preliminary;

pre-adjusted by the Federal Statistical Office on the basis of estimations to the results of the quarterly production statistics and the quarterly survey in the specialised construction industry, respectively.

III. Economic activity and prices

1. Output

b) Output in industry, * by main grouping

2015 = 100

seasonally adjusted

Percentage weight ¹	Intermediate goods		Capital goods		Consumer goods		of which:			
							Durable consumer goods		Non-durable consumer goods	
	29.44		36.96		13.20		2.28		10.92	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 May	107.2	106.3	105.7	105.9	111.1	108.6	107.1	106.9	111.9	108.9
June	106.9		105.9		109.3		108.6		109.4	
July ²	105.8		102.6		108.4		103.7		109.4	
Aug. ²	106.1	105.8	104.0	103.3	110.5	109.4	106.3	105.9	111.4	110.2
Sep.	105.4		103.2		109.4		107.7		109.7	
Oct.	105.2		105.1		104.3		105.0		104.1	
Nov.	104.3	104.6	102.3	104.0	101.8	102.5	102.2	103.7	101.7	102.3
Dec.	104.3		104.6		101.5		103.9		101.0	
2019 Jan.	104.7		102.7		104.1		108.0		103.3	
Feb.	103.2	104.1	103.8	103.8	102.1	103.2	106.1	107.8	101.3	102.3
Mar.	104.4		104.9		103.4		109.3		102.2	
Apr.	103.0		103.3		102.9		102.8		102.9	
May	102.4	102.2	104.7	104.0	103.0	102.2	105.6	104.5	102.4	101.7
June	101.2		103.9		100.7		105.2		99.8	
July ²	101.3		102.7		101.8		105.1		101.1	
Aug. ²	101.5	101.2	103.5	102.9	101.3	101.0	106.4	106.0	100.2	99.9
Sep.	100.7		102.4		99.8		106.5		98.4	
Oct.	101.3		99.9		101.6		106.6		100.6	
Nov.	100.4	99.7	100.8	99.7	101.8	101.2	106.2	106.3	100.9	100.1
Dec.	97.5		98.5		100.1		106.1		98.9	
2020 Jan.	102.0		100.7		103.1		106.4		102.4	
Feb.	103.0	100.5	101.2	95.8	104.5	101.8	104.9	101.8	104.4	101.8
Mar.	96.5		85.4		97.7		94.0		98.5	
Apr.	82.4		56.1		89.0		71.9		92.6	
May	83.4	84.6	72.8	72.1	91.4	92.4	88.3	85.4	92.0	93.8
June	88.1		87.4		96.8		96.1		96.9	
July	91.3		89.7		97.3		97.7		97.2	
Aug.	94.1	93.7	86.5	88.7	96.3	97.3	101.3	99.5	95.3	96.8
Sep.	95.8		90.0		98.2		99.4		97.9	
Oct.	99.2		95.6		97.4		101.6		96.5	
Nov.	101.3	101.1	96.9	95.9	96.9	97.8	104.5	103.6	95.3	96.6
Dec.	102.7		95.2		99.1		104.8		97.9	
2021 Jan.	103.7		94.7		97.1		103.1		95.8	
Feb.	101.2	103.0	93.1	93.8	96.0	97.8	100.1	100.9	95.2	97.1
Mar.	104.2		93.5		100.2		99.5		100.3	
Apr.	103.9		94.6		96.1		104.0		94.5	
May	104.5	104.1	90.1	90.7	100.1	99.4	103.5	104.4	99.4	98.4
June	103.9		87.5		102.1		105.6		101.4	
July ²	103.4		91.2		102.1		107.7		100.9	
Aug. ²	101.1	101.7	84.2	86.3	100.3	101.0	101.0	103.4	100.1	100.4
Sep.	100.6		83.4		100.5		101.4		100.3	
Oct.	101.0		90.3		100.7		105.6		99.7	
Nov.	101.6	101.6	90.7	91.2	101.8	101.1	104.5	105.7	101.2	100.2
Dec.	102.3		92.7		100.9		107.1		99.6	
2022 Jan.	103.0		92.6		100.2		103.5		99.5	
Feb.	102.7	102.1	91.6	89.7	102.6	102.0	106.2	104.1	101.8	101.5
Mar.	100.6		85.0		103.1		102.5		103.2	
Apr.	100.8		88.2		99.9		107.7		98.3	
May	100.6	100.7	90.3	90.1	100.9	100.5	107.9	106.9	99.5	99.1
June	100.7		91.7		100.6		105.2		99.6	
July ²	100.2		91.7		99.0		106.4		97.4	
Aug. ²	98.4	99.3	92.6	92.9	100.3	100.3	108.2	106.8	98.7	98.9
Sep.	99.3		94.4		101.5		105.9		100.6	
Oct.	97.1		95.2		99.7		104.2		98.8	
Nov.	97.9	95.5	96.6	96.2	99.4	99.7	103.6	103.7	98.5	98.8
Dec.	91.6		96.8		99.9		103.4		99.2	
2023 Jan.	96.7		97.0		97.5		102.5		96.5	
Feb.	98.0	96.9	99.8	97.9	98.9	98.1	104.9	105.1	97.7	96.7
Mar.	96.0		97.0		98.0		107.9		95.9	
Apr. ^o	95.6		97.4		100.1		106.1		98.9	
May ^o	94.9	95.2	99.5	97.7	98.0	99.4	101.0	103.1	97.4	98.7
June ^o	95.2		96.2		100.2		102.2		99.8	
July ^{2,o}	94.3		94.1		99.9		104.5		99.0	
Aug. ^{2,o,p}	94.8	...	95.3	...	98.5	...	102.6	...	97.7	...

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications. ¹ Share of gross value added at factor costs of the production sector in base year 2015. ² Influenced by a change in holiday dates. ^o Preliminary;

pre-adjusted by the Federal Statistical Office on the basis of estimations to the results of the quarterly production statistics.

III. Economic activity and prices

1. Output

c) Output in selected branches of industry

2015 = 100

seasonally adjusted

Percentage weight ¹	Manufacture of food products, beverages and tobacco products		Manufacture of chemicals, chemical products, basic pharmaceutical products and pharmaceutical preparations		Manufacture of basic metals and fabricated metal products, except machinery and equipment		Manufacture of computer, electronic, optical products and of electrical equipment		Manufacture of machinery and equipment n.e.c.		Manufacture of motor vehicles, trailers and semi-trailers	
	5.98		8.29		10.27		9.95		12.73		14.14	
	10,11 and 12		20 and 21		24 and 25		26 and 27		28		29	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 July ³	100.9		113.5		107.1		108.3		106.0		96.8	
Aug. ³	102.7	101.5	112.9	112.4	108.9	107.8	109.3	109.1	107.9	106.7	96.9	96.2
Sep. ³	100.8		110.8		107.4		109.6		106.2		95.0	
Oct. ³	101.8		102.5		107.7		109.3		108.7		96.3	
Nov. ³	102.1	101.8	98.7	100.7	106.3	106.8	108.0	109.0	105.5	107.0	93.3	96.3
Dec. ³	101.5		101.0		106.5		109.8		106.8		99.3	
2019 Jan. ³	103.5		102.3		106.7		108.1		105.0		93.7	
Feb. ³	103.6	103.3	100.9	101.2	105.5	106.3	106.2	108.3	105.5	105.7	95.8	95.2
Mar. ³	102.7		100.5		106.6		110.7		106.7		96.0	
Apr. ³	107.2		99.3		104.0		106.3		105.0		94.9	
May ³	101.5	102.6	101.3	100.4	103.2	103.3	107.0	106.4	104.2	104.4	100.2	98.1
June ³	99.0		100.7		102.7		105.9		104.0		99.1	
July ³	102.3		100.4		102.5		105.1		104.2		95.5	
Aug. ³	102.9	102.3	97.8	98.0	103.0	102.6	106.6	106.4	103.6	103.6	96.5	95.6
Sep. ³	101.7		95.8		102.4		107.4		103.0		94.7	
Oct. ³	102.0		101.9		100.3		105.8		100.3		91.7	
Nov. ³	102.3	102.3	99.6	99.2	99.6	99.1	104.6	104.6	100.8	100.4	91.9	90.6
Dec. ³	102.6		96.1		97.3		103.3		100.0		88.3	
2020 Jan. ³	104.2		101.2		100.2		106.8		98.4		92.6	
Feb. ³	103.0	103.4	107.6	103.2	101.0	98.0	106.5	104.4	98.3	96.3	93.8	83.2
Mar. ³	103.1		100.9		92.9		99.8		92.3		63.3	
Apr. ³	95.3		97.6		72.5		86.8		74.2		14.6	
May ³	93.6	96.2	92.9	95.0	76.9	77.6	89.1	89.6	81.1	82.5	48.2	47.0
June ³	99.8		94.6		83.3		92.8		92.1		78.2	
July ³	99.5		97.4		85.0		94.1		87.5		85.3	
Aug. ³	99.8	99.7	94.8	97.5	90.9	89.7	96.9	96.1	87.0	88.0	75.4	81.4
Sep. ³	99.8		100.2		93.2		97.4		89.4		83.6	
Oct. ³	99.7		101.3		95.3		101.9		90.0		92.1	
Nov. ³	95.0	98.5	102.1	102.6	97.8	97.7	104.7	104.1	91.6	91.2	94.0	92.7
Dec. ³	100.7		104.4		100.1		105.6		92.1		91.9	
2021 Jan. ³	97.1		103.9		99.3		107.6		96.1		83.2	
Feb. ³	96.8	99.0	101.8	103.5	98.6	99.5	108.1	108.0	94.8	95.7	80.9	82.0
Mar. ³	103.1		104.9		100.5		108.3		96.2		81.9	
Apr. ³	95.0		102.5		100.2		110.9		100.1		80.0	
May ³	98.2	98.2	107.8	105.0	99.7	100.0	110.2	110.3	97.1	97.2	71.6	74.1
June ³	101.5		104.7		100.1		109.9		94.3		70.8	
July ³	100.2		104.7		99.5		109.6		99.0		73.8	
Aug. ³	99.6	100.2	105.3	105.8	96.9	97.9	108.2	108.2	95.5	96.2	57.6	63.7
Sep. ³	100.7		107.4		97.4		106.7		94.1		59.7	
Oct. ³	100.2		104.9		97.5		107.8		96.0		70.6	
Nov. ³	100.3	100.1	107.4	106.5	98.2	98.1	106.7	108.4	94.4	94.8	74.4	75.0
Dec. ³	99.7		107.1		98.6		110.8		94.0		80.1	
2022 Jan. ³	99.0		103.6		99.0		110.0		96.1		76.3	
Feb. ³	100.0	100.7	106.7	105.2	99.5	98.3	111.6	110.5	95.4	95.0	75.8	71.5
Mar. ³	103.1		105.3		96.3		109.8		93.6		62.3	
Apr. ³	100.1		100.2		96.4		111.5		94.5		70.0	
May ³	100.0	100.4	97.5	98.3	96.9	96.5	113.5	112.9	95.7	95.7	74.0	74.5
June ³	101.0		97.2		96.3		113.8		96.9		79.5	
July ³	98.9		95.8		95.9		115.4		96.3		76.1	
Aug. ³	99.3	99.3	95.1	96.3	95.7	96.1	115.9	116.8	98.7	97.9	75.9	77.8
Sep. ³	99.7		98.1		96.6		119.2		98.8		81.5	
Oct. ³	98.0		93.8		96.9		115.7		98.0		80.5	
Nov. ³	99.5	98.4	92.4	92.7	94.9	95.0	117.3	115.7	98.7	98.1	84.4	83.4
Dec. ³	97.6		91.8		93.1		114.1		97.5		85.3	
2023 Jan. ³	97.3		91.3		94.7		116.0		98.2		85.2	
Feb. ³	101.0	98.8	92.3	91.5	95.9	95.1	119.3	118.0	98.0	97.4	90.0	87.3
Mar. ³	98.0		91.0		94.6		118.7		96.1		86.8	
Apr. ³	99.3		92.6		94.8		117.8		97.3		85.9	
May ³	100.7	100.4	87.2	90.7	94.6	94.3	117.4	117.9	97.4	97.0	90.9	88.3
June ³	101.1		92.3		93.4		118.5		96.3		88.1	
July ^{3,o}	100.4		91.4		92.4		116.1		95.9		79.8	
Aug. ^{3,o,p}	99.8	...	92.3	...	94.3	...	116.8	...	93.7	...	85.9	...

Source of the unadjusted figures: Federal Statistical Office. ¹ Share of gross value added at factor costs of the production sector in base year 2015. ² Classification of Economic Activities, 2008 edition. ³ Influenced by a change in holiday dates. ^o Preliminary;

pre-adjusted by the Federal Statistical Office on the basis of estimations to the results of the quarterly production statistics.

III. Economic activity and prices

1. Output

d) Output in services

2015 = 100

(R) seasonally adjusted

WZ 2008 3 Period	of which:														
	Total 1,2		Transportation and storage		Accommodation and food service activities 2		Information and communication		Real estate activities		Professional, scientific and technical activities		Administrative and support service activities		
	H,I,J,L,M,N	H	I	J	L	M	N	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 June	108.0		108.6		105.3		111.5		103.2		104.7		111.7		
July	109.4		108.7		105.9		115.1		102.6		107.4		111.8		
Aug.	109.1	109.4	106.6	108.0	106.7	106.7	114.5	114.6	106.2	104.5	107.4	107.6	110.6	111.2	111.2
Sep.	109.6		108.7		107.6		114.3		104.6		107.9		111.2		
Oct.	109.2		109.2		106.4		113.8		104.7		106.9		111.1		
Nov.	109.3	109.6	108.1	108.2	106.6	106.7	113.1	113.6	106.3	105.7	106.9	107.8	112.2	112.3	112.3
Dec.	110.3		107.4		107.2		114.0		106.2		109.5		113.7		
2019 Jan.	110.2		109.2		107.5		114.0		105.2		109.3		112.4		
Feb.	108.7	109.4	109.2	109.3	107.8	107.1	107.5	110.8	104.4	105.3	108.6	108.9	112.7	111.9	111.9
Mar.	109.3		109.6		106.1		111.0		106.2		108.9		110.6		
Apr.	109.3		109.0		106.4		113.6		104.6		109.8		108.3		
May	108.6	109.6	107.5	109.9	106.7	106.8	111.7	113.0	107.4	105.8	107.8	109.0	108.9	109.8	109.8
June	110.9		113.2		107.4		113.7		105.4		109.3		112.2		
July	109.3		110.3		106.9		112.9		103.9		109.4		108.4		
Aug.	110.4	109.8	110.3	110.0	108.6	107.7	113.3	113.6	108.3	105.7	110.4	109.6	109.5	108.8	108.8
Sep.	109.6		109.5		107.6		114.6		104.8		109.1		108.5		
Oct.	110.2		108.5		108.6		115.6		106.5		108.9		110.6		
Nov.	110.7	110.2	108.8	107.6	109.6	109.1	115.7	115.1	108.7	107.4	109.6	109.5	110.1	110.3	110.3
Dec.	109.6		105.5		109.1		113.9		107.0		110.0		110.1		
2020 Jan.	108.0		110.4		108.9		116.5		80.9		111.1		109.1		
Feb.	106.9	105.1	106.7	106.2	110.2	92.6	112.4	113.4	82.7	81.0	112.2	112.0	108.2	105.9	105.9
Mar.	100.4		101.6		58.7		111.4		79.5		112.7		100.3		
Apr.	91.9		91.3		27.1		111.0		75.6		105.3		88.9		
May	91.7	92.8	91.8	92.0	39.8	43.7	107.2	109.2	74.4	75.9	102.8	104.2	90.9	90.2	90.2
June	94.8		92.8		64.2		109.4		77.7		104.5		90.8		
July	97.3		96.1		81.9		111.5		78.7		102.1		94.2		
Aug.	97.9	97.6	98.6	97.5	88.3	85.5	110.1	109.7	78.1	78.8	103.1	103.2	93.7	93.7	93.7
Sep.	97.5		97.7		86.2		107.5		79.5		104.4		93.2		
Oct.	100.4		97.7		77.0		116.1		79.1		109.5		96.6		
Nov.	97.3	98.4	99.1	99.7	36.4	48.7	115.6	114.4	77.5	79.0	108.5	108.7	96.6	97.6	97.6
Dec.	97.6		102.2		32.7		111.5		80.4		108.0		99.6		
2021 Jan. 4	98.5		100.7		36.4		114.4		82.3		106.1		102.6		
Feb.	98.2	99.5	99.8	102.0	35.6	36.3	117.8	116.7	83.6	83.3	104.0	106.3	100.5	103.2	103.2
Mar.	101.7		105.5		36.9		118.0		83.9		108.8		106.6		
Apr.	101.6		104.3		36.8		114.4		85.3		109.6		109.0		
May	102.8	103.2	103.6	103.8	47.1	53.4	118.3	116.6	84.7	85.6	110.0	109.7	108.0	109.1	109.1
June	105.1		103.5		76.2		117.2		86.9		109.6		110.2		
July	106.5		104.1		95.1		118.2		86.1		109.4		109.5		
Aug.	106.9	106.6	104.2	103.7	102.1	99.5	119.8	118.2	85.2	86.1	109.3	109.1	107.9	109.2	109.2
Sep.	106.4		102.8		101.4		116.5		86.9		108.6		110.1		
Oct.	108.5		105.8		102.7		119.7		86.1		112.0		110.9		
Nov.	108.5	108.0	108.8	106.8	83.9	83.8	119.0	120.2	87.4	87.2	115.0	113.5	111.1	111.2	111.2
Dec.	107.0		105.7		64.9		121.8		88.0		113.5		111.7		
2022 Jan. 5	107.6		107.4		73.7		119.6		88.0		113.7		111.8		
Feb.	110.1	109.3	106.7	108.5	76.2	76.0	128.5	124.5	90.5	88.5	114.1	113.4	113.1	113.7	113.7
Mar.	110.2		111.4		78.2		125.4		87.0		112.4		116.3		
Apr.	113.1		113.3		97.3		125.0		90.5		115.0		117.5		
May	115.8	114.5	113.4	112.6	114.9	109.1	125.4	125.5	88.5	89.5	116.9	116.7	124.1	119.4	119.4
June	114.7		111.1		115.2		126.2		89.5		118.3		116.7		
July	115.4		110.7		115.7		129.1		90.9		118.2		116.7		
Aug.	115.8	115.9	111.0	111.4	114.2	115.2	128.2	129.3	88.3	89.7	120.5	119.6	118.9	117.8	117.8
Sep.	116.5		112.4		115.6		130.5		90.0		120.0		117.8		
Oct.	115.7		113.0		114.9		127.7		89.1		120.1		116.9		
Nov.	115.1	114.6	113.7	113.2	97.9	101.1	129.2	129.8	88.6	89.0	120.3	117.7	117.6	116.8	116.8
Dec.	113.0		112.9		90.6		132.5		89.2		112.7		115.8		
2023 Jan.	116.9		113.6		91.4		127.9		87.6		114.3		139.2		
Feb.	118.7	118.4	115.0	115.4	91.8	91.5	130.1	130.1	88.9	88.4	116.0	115.3	142.0	141.2	141.2
Mar.	119.5		117.7		91.3		132.2		88.8		115.6		142.5		
Apr.	119.2		117.8		101.1		131.4		90.9		115.5		136.5		
May	124.6	121.9	118.6	118.2	111.6	108.1	134.4	133.7	91.0	90.7	121.9	119.6	149.3	140.5	140.5
June	122.0		118.1		111.5		135.4		90.1		121.4		135.8		
July	122.8		118.9		110.6		133.5		91.1		123.7		138.2		

Source of the unadjusted figures: Federal Statistical Office. 1 The output in the service sector includes the sections transportation and storage, accommodation and food service activities, information and communication, real estate activities, professional, scientific and technical activities as well as administrative and support service activities. 3 Classification of Economic Activities, 2008 edition. 4 From 2021 based on monthly survey. Before based on the data of a quarterly survey that have been transformed to

monthly figures using administrative data. Due to the recalculation, the estimation of seasonally and calendar-adjusted figures is subject to greater uncertainty. 5 As of January 2022 figures are provisional and partially revised. New reporting sample including new entities; statistical breaks in the reporting sample eliminated by chain-linking.

III. Economic activity and prices

2. Orders received

a) Orders received by industry, * by main grouping

2015 = 100

seasonally adjusted

Percentage weight ²	Value								Volume ¹							
	Industry (R)		Intermediate goods		Capital goods		Consumer goods (R)		Industry (R)		Intermediate goods		Capital goods		Consumer goods (R)	
	100.00		35.37		57.25		7.38		100.00		35.37		57.25		7.38	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Apr.	109.7		113.3		107.8		107.7		107.7		109.4		106.7		107.7	
May	111.6	110.0	112.3	112.5	111.4	108.3	110.4	111.5	109.4	107.8	108.2	108.3	110.0	107.0	110.0	111.4
June	108.8		112.0		105.8		116.5		106.2		107.2		104.3		107.0	
July	108.9		112.2		105.8		117.3		106.2		107.4		104.1		107.4	
Aug.	110.2	109.9	112.7	112.3	108.5	107.9	112.4	114.1	107.5	107.1	107.7	107.4	106.7	106.1	112.1	114.0
Sep.	110.5		111.9		109.5		112.6		107.7		107.2		107.4		112.4	
Oct.	111.1		113.3		110.3		106.7		108.1		108.2		108.2		105.9	
Nov.	109.9	111.0	109.2	110.2	111.1	112.1	104.0	106.0	106.8	107.9	103.9	105.1	109.1	110.0	103.1	105.1
Dec.	111.9		108.1		114.9		107.2		108.7		103.1		112.6		106.3	
2019 Jan.	108.0		106.9		108.9		106.0		104.8		102.2		106.5		105.3	
Feb.	104.0	105.9	105.2	105.3	103.5	106.3	102.8	105.5	101.0	102.7	100.6	100.7	101.2	103.8	101.9	104.6
Mar.	105.6		103.9		106.4		107.6		102.4		99.3		103.7		106.7	
Apr.	105.4		103.7		106.0		108.6		102.3		99.3		103.5		107.7	
May	103.2	104.6	102.2	102.9	103.3	105.3	107.2	107.5	100.2	101.5	98.1	98.7	100.8	102.7	106.4	106.6
June	105.2		102.7		106.5		106.7		102.1		98.7		103.7		105.7	
July	104.7		101.9		106.0		108.0		101.6		98.1		103.0		106.8	
Aug.	103.8	104.9	104.8	103.2	103.0	105.7	106.2	107.3	100.8	101.7	101.4	99.5	99.8	102.5	104.9	105.9
Sep.	106.2		102.8		108.1		107.6		102.8		99.1		104.7		106.0	
Oct.	105.5		103.8		106.1		109.7		102.2		100.2		102.6		108.6	
Nov.	103.7	104.0	101.5	102.8	104.4	104.3	109.6	107.8	100.5	100.7	98.2	99.3	101.0	100.8	108.1	106.5
Dec.	102.8		103.1		102.3		104.1		99.3		99.6		98.7		102.8	
2020 Jan.	108.4		106.5		109.5		108.3		105.0		103.5		105.6		106.8	
Feb.	105.8	101.1	106.2	103.8	105.0	98.4	110.0	108.1	102.4	97.9	103.3	101.1	101.2	94.9	108.4	106.6
Mar.	89.0		98.6		80.8		106.0		86.4		96.4		78.0		104.6	
Apr.	64.6		75.5		54.1		94.0		62.8		74.3		51.9		93.0	
May	72.5	76.9	76.1	78.6	66.9	73.2	98.4	97.5	70.6	74.7	75.3	77.5	64.2	70.3	97.1	96.2
June	93.5		84.1		98.6		100.1		90.8		82.8		94.8		98.6	
July	97.7		93.6		99.6		103.3		95.2		92.3		96.2		101.4	
Aug.	102.0	101.6	98.0	98.8	103.7	102.6	107.3	107.1	99.2	98.9	96.5	97.3	100.2	99.1	105.3	105.2
Sep.	105.0		104.8		104.4		110.7		102.3		103.0		101.0		108.8	
Oct.	108.8		108.4		108.8		109.5		105.8		106.2		105.4		107.5	
Nov.	111.1	109.8	112.3	111.4	110.8	108.7	107.8	110.3	108.0	106.6	110.4	109.2	106.8	104.9	105.7	108.2
Dec.	109.5		113.4		106.6		113.7		106.1		110.9		102.4		111.5	
2021 Jan.	109.2		115.2		105.6		108.4		105.5		111.6		101.7		106.3	
Feb.	112.6	112.8	117.7	118.4	110.3	109.8	106.0	109.4	108.3	108.5	113.1	113.7	106.0	105.5	103.8	107.2
Mar.	116.7		122.4		113.5		113.8		111.7		116.4		108.8		111.5	
Apr.	118.6		124.2		115.9		112.8		112.7		115.9		111.1		109.9	
May	115.7	119.2	122.0	123.7	111.5	116.2	118.0	121.5	109.0	112.5	111.7	113.7	106.6	111.0	115.0	118.2
June	123.4		124.9		121.1		133.6		115.8		113.6		115.3		129.8	
July	130.0		126.8		132.6		125.1		120.7		113.2		125.2		121.1	
Aug.	118.5	124.0	125.9	127.0	114.6	123.1	114.3	117.6	109.2	114.4	111.4	112.2	107.7	115.8	110.5	113.7
Sep.	123.6		128.2		122.0		113.4		113.2		112.0		114.4		109.4	
Oct.	116.9		125.2		111.6		118.1		106.2		107.8		104.3		113.5	
Nov.	122.6	121.6	131.2	130.2	117.3	116.2	121.7	122.0	110.2	109.6	110.9	110.4	109.0	108.1	116.4	116.7
Dec.	125.4		134.2		119.8		126.3		112.3		112.5		111.0		120.3	
2022 Jan.	132.5		137.6		130.4		124.7		116.4		112.0		119.0		117.1	
Feb.	130.4	129.3	136.5	137.6	127.4	124.3	124.7	128.1	113.8	112.5	109.5	110.0	115.9	113.0	116.8	119.8
Mar.	125.0		138.8		115.2		135.0		107.3		108.6		104.2		125.4	
Apr.	124.3		140.0		112.6		139.8		105.1		107.1		100.8		129.0	
May	125.8	125.3	138.3	139.3	117.3	115.3	131.9	136.5	105.7	105.4	104.5	105.5	104.5	102.7	121.2	125.5
June	125.9		139.5		116.0		137.7		105.4		104.9		102.9		126.2	
July	129.4		142.3		122.8		118.9		107.5		107.2		107.8		107.6	
Aug.	127.4	127.2	139.8	139.5	120.0	119.8	125.7	126.1	105.0	105.0	104.1	104.3	104.5	104.4	113.4	113.7
Sep.	124.9		136.4		116.6		133.7		102.6		101.5		101.0		120.1	
Oct.	125.2		135.6		118.6		126.9		102.7		100.9		102.4		113.1	
Nov.	121.7	123.5	134.0	137.5	113.6	114.7	126.1	125.5	99.8	101.4	100.0	103.0	98.1	99.0	112.5	112.0
Dec.	123.7		142.9		111.9		123.5		101.6		108.1		96.5		110.5	
2023 Jan.	125.1		132.6		121.1		120.3		102.2		99.5		103.4		105.6	
Feb.	130.3	124.2	133.4	130.5	129.4	120.6	122.0	121.6	106.6	101.3	100.6	98.2	110.3	102.6	106.9	106.6
Mar.	117.1		125.5		111.2		122.6		95.2		94.6		94.0		107.3	
Apr.	116.7		125.9		110.4		121.3		95.3		96.1		93.4		106.5	
May	123.5	124.4	123.5	125.0	123.9	124.0	120.9	124.2	101.2	101.8	95.1	96.2	104.3	104.3	106.1	109.1
June	132.9		125.7		137.7		130.5		108.9		97.3		115.3		114.8	
July	117.8		119.0		116.5		121.6		96.6		92.6		97.7		106.8	
Aug. ^p	121.4	...	126.8	...	116.7	...	131.6	...	100.4	...	101.2	...	97.8	...	116.2	...

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications; figures for specialist sections of local units; excluding value added tax; based on reports from local units with at least 50 employed persons. ¹ As of

2018 orders received at 2015 prices, previously at 2010 prices. ² Share of total orders received by industry in base year 2015.

III. Economic activity and prices

2. Orders received

b) Orders received by industry * from the domestic market

2015 = 100

seasonally adjusted

Percentage weight ²	Value								Volume ¹							
	Industry		Intermediate goods		Capital goods		Consumer goods		Industry		Intermediate goods		Capital goods		Consumer goods	
	43.12		18.37		21.53		3.22		43.12		18.37		21.53		3.22	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Apr.	104.7		106.6		103.6		101.0		101.5		102.2		101.2		99.3	
May	107.2	106.1	107.9	108.1	106.2	104.6	110.4	105.3	103.8	102.7	103.2	103.2	103.6	102.1	108.3	103.3
June	106.5		109.8		104.0		104.4		102.7		104.3		101.4		102.4	
July	108.3		110.1		107.5		103.2		104.4		104.8		104.6		101.1	
Aug.	106.7	108.0	109.6	110.1	104.9	107.1	102.7	101.9	102.8	104.1	104.2	104.8	102.0	104.1	100.6	99.8
Sep.	109.0		110.7		108.9		99.8		105.1		105.5		105.8		97.6	
Oct.	106.2		109.5		103.9		103.2		102.2		104.0		100.8		100.7	
Nov.	109.0	108.1	107.9	107.5	110.8	109.3	103.4	103.7	104.6	103.8	102.0	101.9	107.4	105.9	101.7	101.0
Dec.	109.1		105.0		113.2		104.6		104.7		99.6		109.5		101.7	
2019 Jan.	106.9		103.5		110.7		100.4		102.5		98.4		106.8		97.8	
Feb.	104.6	104.0	102.5	101.9	106.8	106.1	102.5	101.4	100.4	99.7	97.5	96.8	103.0	102.4	99.7	98.6
Mar.	100.4		99.6		100.9		101.2		96.2		94.6		97.3		98.3	
Apr.	100.6		98.7		102.2		100.4		96.4		93.7		98.6		97.4	
May	100.3	100.2	98.8	98.5	101.7	101.8	99.7	99.6	96.2	96.1	94.2	93.8	97.9	98.0	96.8	96.6
June	99.8		98.0		101.4		98.8		95.6		93.4		97.5		95.7	
July	101.4		98.5		103.9		101.2		97.4		94.3		99.9		98.1	
Aug.	99.9	100.9	98.6	98.5	101.4	102.9	97.5	100.5	95.9	96.8	94.4	94.3	97.4	98.9	94.2	97.3
Sep.	101.3		98.5		103.5		102.9		97.2		94.2		99.4		99.5	
Oct.	98.6		97.8		98.7		102.8		94.6		93.8		94.6		99.6	
Nov.	99.9	99.7	98.0	97.5	100.8	101.1	104.4	103.2	95.9	95.7	94.2	93.6	96.6	96.8	100.9	99.9
Dec.	100.6		96.6		103.7		102.5		96.5		92.9		99.1		99.1	
2020 Jan.	100.5		101.0		99.9		101.6		96.5		97.4		95.4		98.2	
Feb.	101.0	96.0	99.1	97.8	102.6	93.5	100.8	101.5	96.9	92.2	95.9	94.7	97.8	89.2	97.2	97.9
Mar.	86.4		93.4		78.1		102.0		83.2		90.8		74.4		98.3	
Apr.	65.9		72.4		57.7		84.0		63.6		70.9		54.8		81.1	
May	75.4	81.5	73.9	75.6	74.4	85.4	90.9	89.5	72.9	78.6	72.9	74.3	70.7	81.2	87.4	86.1
June	103.3		80.6		124.2		93.5		99.3		79.0		118.0		89.8	
July	94.4		91.6		96.5		97.0		91.1		89.8		91.8		93.2	
Aug.	97.4	97.4	95.8	95.4	98.3	98.8	100.2	99.6	93.9	93.9	93.8	93.3	93.6	94.1	96.3	95.7
Sep.	100.5		98.9		101.7		101.5		96.7		96.4		96.9		97.5	
Oct.	104.4		106.5		103.1		100.5		100.5		103.6		98.5		96.5	
Nov.	106.2	105.5	110.5	108.7	103.5	103.2	99.3	101.3	102.3	101.4	108.1	105.9	98.4	98.2	95.1	97.1
Dec.	105.8		109.2		103.1		104.1		101.4		106.1		97.7		99.7	
2021 Jan.	101.9		108.5		96.9		97.8		97.3		104.2		92.0		93.5	
Feb.	107.1	107.3	111.6	112.9	104.9	103.8	96.5	98.8	101.8	101.9	106.4	107.4	99.3	98.3	92.0	94.2
Mar.	112.9		118.6		109.6		102.0		106.6		111.7		103.6		97.2	
Apr.	111.2		115.2		108.6		106.0		104.1		106.6		102.4		100.6	
May	113.1	117.0	117.0	118.8	111.2	116.3	103.5	112.1	104.4	108.5	105.4	108.0	104.5	109.3	98.1	106.3
June	126.8		124.2		129.0		126.9		117.1		111.9		121.0		120.1	
July	127.7		123.3		132.7		118.9		116.3		108.1		124.0		112.0	
Aug.	115.3	118.1	121.6	122.5	111.3	115.7	106.4	109.6	104.0	106.7	105.7	106.5	103.1	107.4	100.1	103.0
Sep.	111.4		122.5		103.1		103.6		99.7		105.7		95.0		96.8	
Oct.	115.6		122.9		110.7		106.5		102.6		104.2		101.7		99.4	
Nov.	116.3	120.0	123.9	125.0	110.8	116.8	109.5	112.2	102.1	105.7	103.2	104.6	101.3	106.9	101.8	104.4
Dec.	128.0		128.3		128.8		120.5		112.4		106.3		117.6		112.0	
2022 Jan.	123.1		132.0		116.2		118.3		105.3		105.7		104.5		108.7	
Feb.	122.2	122.9	130.5	132.5	116.3	115.5	113.7	117.8	103.8	104.0	103.2	104.2	104.2	103.4	104.0	107.6
Mar.	123.5		135.0		114.1		121.4		103.0		103.6		101.5		110.2	
Apr.	123.9		135.8		111.9		135.6		101.6		101.5		98.6		122.5	
May	123.2	124.0	134.4	135.4	114.7	113.8	116.0	126.5	100.0	100.9	98.6	100.1	100.6	99.8	103.7	113.5
June	124.8		136.1		114.8		127.8		101.2		100.1		100.1		114.2	
July	123.2		140.6		110.6		108.8		99.3		104.4		95.4		95.7	
Aug.	121.5	122.3	136.5	137.0	110.6	110.9	108.8	114.7	96.8	97.9	99.5	100.6	94.8	95.1	95.3	100.7
Sep.	122.2		134.0		111.5		126.6		97.5		97.8		95.1		111.2	
Oct.	120.7		134.0		109.9		117.5		96.0		98.0		93.3		102.3	
Nov.	120.2	122.0	131.7	137.6	110.5	110.0	119.2	114.0	95.5	97.1	96.3	101.3	93.7	93.2	103.5	98.8
Dec.	125.2		147.0		109.6		105.2		99.8		109.7		92.7		90.7	
2023 Jan.	119.7		130.4		112.6		105.7		94.2		95.2		94.1		89.6	
Feb.	124.4	120.0	131.1	128.6	121.2	114.5	107.6	107.8	98.4	94.7	96.4	94.3	101.3	95.6	91.1	91.2
Mar.	116.0		124.2		109.8		110.2		91.5		91.4		91.3		93.0	
Apr.	117.6		129.7		108.9		106.3		92.8		96.6		90.0		89.7	
May	123.6	121.9	122.7	124.0	126.8	122.3	107.3	106.8	97.7	96.6	91.6	92.5	104.1	101.0	90.3	90.0
June	124.4		119.5		131.3		106.8		99.2		89.4		109.0		90.0	
July	113.5		115.7		112.8		105.6		90.1		87.3		92.6		88.7	
Aug. ^P	117.2	...	125.6	...	111.5	...	107.0	...	93.7	...	96.7	...	91.6	...	90.2	...

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications; figures for specialist sections of local units; excluding value added tax; based on reports from local units with at least 50 employed persons. ¹ As of

2018 orders received at 2015 prices, previously at 2010 prices. ² Share of total orders received by industry in base year 2015.

III. Economic activity and prices

2. Orders received

c) Orders received by industry * from abroad

2015 = 100

seasonally adjusted

		Value				Volume											
		Intermediate goods		Capital goods	Consumer goods				Intermediate goods		Capital goods	Consumer goods					
		Industry		Industry		Industry		Industry		Industry		Industry					
Total																	
Percentage weight 1		56.88		17.00		35.72		4.16		56.88		17.00		35.72		4.16	
Period		monthly quarterly		monthly quarterly		monthly quarterly		monthly quarterly		monthly quarterly		monthly quarterly		monthly quarterly		monthly quarterly	
		(R)				(R)		(R)				(R)				(R)	
2021	Feb.	116.7	117.0	124.3	124.5	113.6	113.4	113.4	117.7	113.3	113.6	120.3	120.4	110.0	109.9	113.0	117.3
	Mar.	119.5		126.6		115.8		123.0		115.6		121.4		112.0		122.6	
	Apr.	124.2		133.9		120.3		118.0		119.3		125.9		116.4		117.1	
	May	117.7	120.9	127.5	129.0	111.7	116.1	129.2	128.7	112.5	115.5	118.6	120.0	107.8	112.0	128.1	127.5
	June	120.8		125.7		116.3		138.8		114.8		115.5		111.9		137.4	
	July	131.8		130.6		132.5		129.9		124.0		118.8		126.0		128.2	
	Aug.	121.0	128.5	130.6	131.9	116.6	127.5	120.4	123.8	113.2	120.2	117.5	118.4	110.5	120.9	118.5	121.9
	Sep.	132.8		134.4		133.4		121.0		123.4		118.9		126.1		119.1	
	Oct.	117.9		127.7		112.2		127.1		108.9		111.6		105.8		124.4	
	Nov.	127.3	122.9	139.0	135.7	121.2	115.9	131.2	129.7	116.4	112.5	119.3	116.7	113.7	108.9	127.7	126.3
	Dec.	123.4		140.5		114.4		130.8		112.2		119.2		107.1		126.8	
2022	Jan.	139.7		143.7		139.0		129.7		124.8		118.9		127.7		123.7	
	Feb.	136.6	134.1	142.9	143.2	134.1	129.7	133.2	136.1	121.3	118.9	116.4	116.4	122.9	118.8	126.8	129.2
	Mar.	126.1		142.9		115.9		145.5		110.5		113.9		105.8		137.1	
	Apr.	124.6		144.6		113.0		143.1		107.8		113.1		102.2		134.0	
	May	127.8	126.4	142.6	143.5	118.8	116.2	144.3	144.3	110.1	108.8	110.8	111.3	106.8	104.5	134.7	134.7
	June	126.8		143.2		116.8		145.4		108.5		110.1		104.6		135.5	
	July	134.1		144.1		130.2		126.8		113.8		110.2		115.2		116.8	
	Aug.	131.9	131.0	143.4	142.2	125.6	125.2	138.8	134.9	111.2	110.5	109.1	108.2	110.3	110.0	127.4	123.7
	Sep.	126.9		139.0		119.7		139.2		106.5		105.4		104.6		127.0	
	Oct.	128.6		137.3		123.9		134.1		107.7		104.1		107.9		121.5	
	Nov.	122.8	124.7	136.4	137.4	115.4	117.5	131.4	134.4	103.1	104.6	104.0	104.8	100.8	102.5	119.5	122.3
	Dec.	122.6		138.4		113.3		137.7		103.0		106.3		98.8		125.9	
2023	Jan.	129.2		134.9		126.2		131.7		108.2		104.1		109.0		118.0	
	Feb.	134.7	127.3	135.8	132.6	134.4	124.2	133.1	132.4	112.8	106.3	105.2	102.5	115.7	106.8	119.1	118.5
	Mar.	118.0		127.0		112.1		132.3		98.0		98.1		95.6		118.4	
	Apr.	116.1		121.7		111.3		132.9		97.2		95.5		95.4		119.6	
	May	123.4	126.3	124.4	126.2	122.1	125.0	131.5	137.7	103.8	105.8	98.9	100.1	104.5	106.3	118.4	124.0
	June	139.4		132.5		141.5		148.8		116.3		105.8		119.1		134.0	
	July	121.0		122.5		118.8		134.0		101.5		98.4		100.7		120.9	
	Aug. p	124.5	...	128.1	...	119.8	...	150.7	...	105.5	...	106.1	...	101.6	...	136.4	...
Euro area and non-euro area																	
Percentage weight 1		Euro area		Non-euro area		Euro area		Non-euro area		Euro area		Non-euro area		Euro area		Non-euro area	
Period		21.66 35.22		8.15 8.85		11.59 24.13		1.92 2.24		21.66 35.22		8.15 8.85		11.59 24.13		1.92 2.24	
		(R)				(R)		(R)				(R)				(R)	
2021	Q2	124.4	118.7	126.9	131.0	120.4	114.1	138.6	120.2	116.2	115.1	113.7	125.8	114.8	110.7	135.5	120.8
	Q3	123.3	131.7	127.0	136.3	120.6	130.8	124.0	123.5	112.6	124.9	109.8	126.3	113.3	124.5	120.6	123.1
	Q4	127.2	120.2	133.7	137.7	121.6	113.2	133.0	126.9	113.3	112.0	109.8	123.1	113.3	106.8	128.1	124.8
2022	Q1	132.9	134.9	143.7	142.7	124.1	132.3	140.4	132.5	114.2	121.7	111.5	120.9	113.2	121.5	131.9	126.9
	Q2	134.1	121.7	140.6	146.2	125.7	111.6	156.8	133.5	111.5	107.1	103.0	119.1	111.8	101.0	145.3	125.7
	Q3	137.7	126.8	137.4	146.6	138.4	118.8	134.3	135.5	113.1	108.9	99.5	116.3	121.1	104.7	122.3	125.0
	Q4	128.8	122.2	133.2	141.3	124.4	114.2	136.3	132.8	105.0	104.4	97.0	111.9	107.8	99.9	122.5	122.2
2023	Q1	131.7	124.6	129.1	135.8	132.7	120.2	137.4	128.1	106.3	106.4	94.5	109.9	112.2	104.2	121.0	116.4
	Q2	138.5	118.8	121.0	131.0	151.8	112.1	132.2	142.4	112.4	101.7	91.1	108.3	126.6	96.6	117.0	130.0
2022	Aug.	137.2	128.6	137.1	149.2	136.8	120.2	140.6	137.3	112.8	110.2	99.4	118.1	119.8	105.8	127.9	126.9
	Sep.	132.0	123.7	135.9	141.9	127.5	115.9	142.7	136.2	107.9	105.6	98.2	112.1	111.0	101.5	129.9	124.6
	Oct.	133.2	125.8	133.9	140.5	130.9	120.5	144.0	125.6	108.8	107.1	97.1	110.6	113.6	105.1	129.2	115.0
	Nov.	122.0	123.3	131.6	140.8	114.0	116.0	130.0	132.6	99.3	105.5	95.7	111.6	98.9	101.7	116.9	121.8
	Dec.	131.1	117.4	134.0	142.5	128.4	106.1	134.8	140.2	107.0	100.5	98.3	113.6	110.8	93.0	121.4	129.7
2023	Jan.	129.2	129.2	131.6	137.9	126.5	126.0	134.9	129.0	104.3	110.6	96.3	111.3	107.6	109.7	118.8	117.3
	Feb.	139.8	131.6	130.9	140.3	146.4	128.7	138.1	128.9	113.2	112.6	95.8	113.9	124.0	111.7	121.6	117.0
	Mar.	126.2	113.0	124.8	129.1	125.1	105.8	139.3	126.3	101.4	95.9	91.3	104.4	105.0	91.1	122.6	114.8
	Apr.	122.8	111.9	120.8	122.6	123.1	105.7	129.4	135.8	99.5	95.8	90.0	100.5	103.8	91.4	114.1	124.3
	May	128.2	120.5	117.7	130.5	134.9	115.9	131.8	131.2	104.9	103.2	89.1	107.9	114.0	99.9	116.9	119.7
	June	164.5	123.9	124.5	139.9	197.4	114.7	135.3	160.3	132.8	106.1	94.1	116.6	162.1	98.5	120.0	145.9
	July	125.0	118.5	116.9	127.7	128.5	114.1	138.7	130.0	101.6	101.4	88.9	107.1	106.9	97.7	123.5	118.6
	Aug. p	129.6	121.4	123.9	131.9	130.1	114.8	150.5	150.8	105.6	105.4	95.3	116.0	108.1	98.5	134.5	138.0

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications; figures for specialist sections of local units; excluding value

added tax; based on reports from local units with at least 50 employed persons. 1 Share of total orders received by industry in base year 2015.

III. Economic activity and prices

2. Orders received

d) Orders received by selected branches of industry * - value

2015 = 100

seasonally adjusted

	Manufacture of chemicals, chemical products, basic pharmaceutical products and pharmaceutical preparations		Manufacture of basic metals and fabricated metal products, except machinery and equipment		Manufacture of computer, electronic, optical products and of electrical equipment		Manufacture of machinery and equipment n.e.c.		Manufacture of motor vehicles, trailers and semi-trailers		Memo item:			
											Industry excluding manufacture of other transport equipment	Capital goods excluding manufacture of other transport equipment		
WZ 2008 1	20 and 21		24 and 25		26 and 27		28		29		Industry excluding 30		Capital goods excluding 30	
Total														
Percentage weight 2 Period	13.50 monthly quarterly (R)		16.09 monthly quarterly		13.82 monthly quarterly		19.14 monthly quarterly		28.32 monthly quarterly (R)		95.73 monthly quarterly (R)		53.28 monthly quarterly	
2021 Mar.	120.3		120.3		132.0		118.0		111.6		117.3		114.4	
Apr.	114.7		128.4		130.1		116.9		115.8		119.8		118.7	
May	117.2	119.8	123.7	126.0	128.8	132.9	120.2	120.2	104.3	109.9	115.7	119.2	111.6	116.5
June	127.4		126.0		139.9		123.5		109.7		122.2		119.1	
July	123.2		129.0		132.3		128.7		106.6		122.1		118.8	
Aug.	125.8	123.7	122.0	125.2	130.0	130.9	129.7	135.8	95.8	102.6	117.8	121.4	113.0	118.3
Sep.	122.0		124.7		130.5		149.0		105.4		124.2		123.1	
Oct.	127.1		122.3		129.2		126.4		102.4		118.3		113.9	
Nov.	133.1	132.2	127.7	126.3	131.7	133.4	128.5	127.9	106.9	106.2	122.6	121.8	117.1	116.4
Dec.	136.5		128.9		139.2		128.9		109.2		124.6		118.1	
2022 Jan.	139.7		154.3		138.7		131.5		116.4		132.6		131.1	
Feb.	134.5	137.7	136.1	142.9	137.9	143.9	123.6	126.2	110.1	108.7	124.4	127.2	116.6	120.6
Mar.	138.8		138.4		155.0		123.6		99.6		124.5		114.0	
Apr.	137.6		139.0		148.9		129.9		91.8		123.7		111.3	
May	137.4	140.5	136.1	135.8	142.4	144.4	127.1	128.3	104.9	100.5	124.6	124.9	115.1	114.3
June	146.4		132.3		141.8		127.8		104.8		126.3		116.5	
July	133.3		132.9		154.8		123.1		109.2		127.9		119.9	
Aug.	130.7	133.0	135.6	134.3	147.8	147.7	130.4	126.9	113.9	109.8	129.0	127.4	122.5	119.9
Sep.	135.0		134.3		140.6		127.1		106.2		125.4		117.2	
Oct.	128.5		136.8		144.3		125.0		110.0		125.3		118.4	
Nov.	132.3	129.5	129.0	132.9	137.7	150.3	120.7	123.3	113.9	111.2	123.4	124.8	116.3	116.5
Dec.	127.6		132.9		168.9		124.1		109.6		125.7		114.8	
2023 Jan.	122.6		132.4		146.0		122.7		113.6		124.3		119.5	
Feb.	121.6	120.9	134.7	133.1	147.4	143.7	125.9	123.3	117.2	110.2	126.2	122.5	122.3	117.5
Mar.	118.5		132.1		137.6		121.4		99.7		117.0		110.8	
Apr.	114.6		127.3		149.4		115.7		103.3		118.5		113.2	
May	118.8	117.5	133.5	132.5	139.9	148.6	119.9	120.0	112.1	106.7	120.9	121.4	119.4	118.8
June	119.0		136.8		156.6		124.5		104.7		124.9		123.9	
July	117.4		123.6		123.6		114.8		109.0		116.5		114.4	
Aug. p	119.5	...	122.9	...	150.4	...	115.0	...	108.3	...	120.1	...	114.6	...
Domestic and abroad														
Percentage weight 2 Period	Domestic 5.36 Abroad 8.14 (R)		Domestic 10.12 Abroad 5.97		Domestic 6.01 Abroad 7.81		Domestic 7.27 Abroad 11.87		Domestic 10.16 Abroad 18.16 (R)		Domestic 41.76 Abroad 53.98 (R)		Domestic 20.29 Abroad 32.99	
2021 Q2	116.1	122.2	120.4	135.6	132.2	133.6	111.9	125.3	102.1	114.3	114.9	122.5	112.5	118.9
Q3	118.0	127.4	120.6	133.1	129.3	132.2	114.2	149.0	96.1	106.3	113.5	127.4	106.1	125.8
Q4	127.8	135.1	121.6	134.4	128.5	137.1	115.3	135.7	104.4	107.2	118.4	124.4	113.5	118.2
2022 Q1	136.7	138.3	131.2	162.8	136.7	149.4	118.5	131.0	105.7	110.4	122.7	130.6	114.9	124.0
Q2	141.8	139.6	132.2	141.9	137.3	149.8	121.3	132.6	97.2	102.4	122.8	126.4	111.6	116.0
Q3	129.6	135.2	130.0	141.4	146.3	148.9	116.0	133.5	100.2	115.1	122.1	131.5	110.1	125.9
Q4	129.5	129.4	127.3	142.4	157.3	145.0	116.8	127.3	101.8	116.4	122.7	126.4	110.8	120.0
2023 Q1	118.1	122.7	128.8	140.3	141.2	145.5	116.8	127.3	103.0	114.2	118.4	125.7	111.0	121.6
Q2	111.8	121.2	125.6	144.4	157.6	141.7	114.6	123.4	100.1	110.4	118.8	123.4	116.4	120.4
2022 Aug.	123.6	135.3	128.8	147.0	140.7	153.3	116.9	138.7	100.2	121.6	121.6	134.7	110.4	130.0
Sep.	135.2	134.9	132.1	137.9	136.2	144.0	116.9	133.4	99.4	110.0	121.0	128.8	108.5	122.5
Oct.	131.6	126.4	129.6	149.0	142.9	145.4	116.5	130.2	97.8	116.8	121.1	128.5	110.3	123.4
Nov.	134.2	131.0	125.0	135.7	136.6	138.6	114.0	124.8	105.8	118.4	120.5	125.6	110.9	119.7
Dec.	122.7	130.9	127.3	142.5	192.3	150.9	119.8	126.8	101.9	113.9	126.4	125.1	111.2	117.0
2023 Jan.	118.9	125.0	130.1	136.3	143.9	147.6	117.9	125.7	103.8	119.1	119.7	127.9	112.3	124.0
Feb.	119.3	123.1	132.0	139.4	143.0	150.7	116.6	131.6	106.5	122.0	120.0	131.0	112.2	128.5
Mar.	116.1	120.0	124.3	145.2	136.7	138.3	115.9	124.7	96.6	101.5	115.4	118.3	108.4	112.2
Apr.	113.4	115.4	120.7	138.5	168.8	134.5	110.9	118.6	99.6	105.4	118.2	118.7	109.7	115.4
May	112.9	122.7	128.5	142.1	142.2	138.2	121.3	119.0	103.5	116.9	117.9	123.2	115.6	121.7
June	109.0	125.5	127.5	152.6	161.9	152.5	111.5	132.5	97.2	108.9	120.3	128.4	123.8	124.0
July	111.4	121.3	117.1	134.5	120.9	125.7	110.2	117.7	97.0	115.7	109.7	121.8	105.4	119.9
Aug. p	111.6	124.7	120.4	127.1	151.7	149.4	105.7	120.7	97.8	114.1	115.9	123.4	108.9	118.1

Source of the unadjusted figures: Federal Statistical Office. * Figures for specialist sections of local units; excluding value added tax; based on reports from local units

with at least 50 employed persons. 1 Classification of Economic Activities, 2008 edition. 2 Share of total orders received by industry in base year 2015.

III. Economic activity and prices

2. Orders received

e) Orders received by selected branches of industry * - volume

2015 = 100

seasonally adjusted

	Manufacture of chemicals, chemical products, basic pharmaceutical products and pharmaceutical preparations		Manufacture of basic metals and fabricated metal products, except machinery and equipment		Manufacture of computer, electronic, optical products and of electrical equipment		Manufacture of machinery and equipment n.e.c.		Manufacture of motor vehicles, trailers and semi-trailers		Memo item:																	
											Industry excluding manufacture of other transport equipment	Capital goods excluding manufacture of other transport equipment																
WZ 2008 1	20 and 21	24 and 25	26 and 27	28	29	Industry excluding 30		Capital goods excluding 30																				
Total																												
Percentage weight 2	13.50		16.09		13.82		19.14		28.32		95.73		53.28															
	(R)								(R)		(R)																	
2021 Mar.	114.9		107.5		134.5		110.8		108.8		112.3		109.9															
Apr.	107.4		112.7		132.0		109.3		113.0		113.9		113.9															
May	108.2	111.0	106.6	108.7	130.1	134.3	112.2	112.2	101.6	107.1	109.0	112.5	106.8															
June	117.3		106.8		140.9		115.2		106.6		114.6		113.6															
July	112.0		106.2		132.8		119.4		103.0		113.3		112.5															
Aug.	113.1	111.3	99.1	101.8	129.8	130.4	119.5	125.2	92.3	98.8	108.5	111.8	106.3															
Sep.	108.7		100.2		128.6		136.6		101.2		113.6		115.4															
Oct.	111.6		97.0		127.1		115.7		97.6		107.4		106.4															
Nov.	114.0	113.6	100.3	99.2	128.8	130.4	117.3	116.7	101.6	100.8	110.1	109.6	109.0															
Dec.	115.3		100.2		135.3		117.2		103.2		111.4		109.5															
2022 Jan.	114.2		117.9		133.8		117.5		109.1		116.3		119.6															
Feb.	109.0	111.3	101.3	106.0	131.9	137.5	109.7	112.1	102.8	101.5	108.1	110.3	106.3															
Mar.	110.8		98.9		146.7		109.1		92.6		106.6		103.0															
Apr.	106.5		97.2		141.0		113.5		84.8		104.3		99.8															
May	104.7	107.5	94.7	94.6	133.5	135.6	110.2	111.4	96.5	92.4	104.3	104.7	102.6															
June	111.2		92.0		132.2		110.4		96.0		105.5		103.4															
July	99.2		92.8		142.0		105.0		98.9		106.0		105.3															
Aug.	97.7	99.5	93.6	93.1	134.9	135.0	110.7	107.5	102.0	98.6	106.2	105.0	106.8															
Sep.	101.7		93.0		128.2		106.7		94.9		102.9		101.6															
Oct.	96.0		95.0		130.5		104.7		98.2		102.6		102.4															
Nov.	99.8	97.3	90.0	92.6	124.6	135.4	100.7	103.0	101.6	99.2	101.1	102.3	100.6															
Dec.	96.1		92.7		151.2		103.5		97.8		103.1		99.1															
2023 Jan.	91.6		92.1		131.7		100.3		101.1		101.3		102.3															
Feb.	91.5	91.0	93.9	92.8	133.0	129.2	102.5	100.4	104.0	97.7	103.1	99.8	104.5															
Mar.	90.0		92.5		123.0		98.4		88.1		95.0		93.7															
Apr.	88.6		89.6		132.5		93.6		91.1		96.7		95.8															
May	92.9	91.9	95.2	94.1	126.4	133.0	96.3	96.9	98.7	93.8	98.9	99.2	100.7															
June	94.2		97.4		140.1		100.7		91.5		102.1		103.9															
July	94.2		89.0		111.0		92.2		95.1		95.5		96.0															
Aug. P	96.5	...	88.7	...	138.2	...	92.2	...	94.4	...	99.3	...	96.2															
Domestic and abroad																												
Percentage weight 2	Domestic 5.36		Abroad 8.14		Domestic 10.12		Abroad 5.97		Domestic 6.01		Abroad 7.81		Domestic 7.27		Abroad 11.87		Domestic 10.16		Abroad 18.16		Domestic 41.76		Abroad 53.98		Domestic 20.29		Abroad 32.99	
Period																												
2021 Q2	105.9	114.3	104.1	116.6	130.9	137.0	103.9	117.4	97.7	112.3	106.5	117.1	105.8	114.9														
Q3	104.4	115.8	98.0	108.4	126.1	133.7	104.6	137.8	91.4	103.0	102.3	119.1	98.4	119.4														
Q4	107.4	117.7	95.5	105.4	123.1	136.1	104.1	124.5	98.0	102.3	104.1	113.9	103.8	111.1														
2022 Q1	108.4	113.3	96.9	121.5	127.2	145.3	104.1	116.9	97.5	103.7	103.6	115.6	102.8	113.9														
Q2	106.2	108.3	91.9	99.3	125.1	143.6	104.2	115.8	88.7	94.5	99.6	108.6	97.6	104.5														
Q3	95.1	102.4	90.1	98.3	129.2	139.5	96.9	114.0	90.0	103.4	97.5	110.9	94.3	110.9														
Q4	94.8	99.0	88.4	99.6	136.6	134.5	96.0	107.2	90.7	104.0	97.4	106.1	93.9	104.9														
2023 Q1	85.8	94.5	89.5	98.4	121.6	135.1	94.0	104.3	90.1	102.0	93.0	105.0	92.4	104.9														
Q2	84.4	96.8	88.6	103.3	134.9	131.5	91.0	100.4	86.5	97.8	93.7	103.5	95.8	102.8														
2022 Aug.	89.9	102.8	89.0	101.5	123.6	143.6	97.7	118.6	89.9	108.8	96.6	113.6	94.5	114.4														
Sep.	100.7	102.4	91.3	95.8	120.2	134.3	96.8	112.8	88.9	98.3	96.2	108.0	92.4	107.2														
Oct.	96.5	95.7	89.6	104.1	125.5	134.3	96.0	110.0	87.4	104.3	96.1	107.6	93.6	107.8														
Nov.	98.9	100.4	87.2	94.7	119.3	128.7	93.4	105.1	94.1	105.8	95.5	105.5	94.0	104.7														
Dec.	88.9	100.8	88.5	99.9	165.0	140.6	98.5	106.5	90.6	101.8	100.6	105.1	94.0	102.2														
2023 Jan.	85.6	95.6	90.1	95.5	124.5	137.3	95.3	103.3	91.0	106.7	93.9	107.1	93.8	107.6														
Feb.	86.6	94.7	91.8	97.4	123.5	140.3	93.7	107.9	95.0	109.0	94.4	109.8	93.5	111.2														
Mar.	85.1	93.2	86.7	102.3	116.8	127.7	93.0	101.7	84.3	90.2	90.8	98.2	89.9	96.0														
Apr.	84.5	91.3	84.3	98.5	142.7	124.7	88.6	96.6	86.2	93.8	93.1	99.4	90.6	99.0														
May	85.4	97.8	91.1	102.2	122.3	129.6	95.7	96.7	89.6	103.8	92.8	103.7	94.6	104.4														
June	83.4	101.3	90.5	109.2	139.8	140.3	88.7	108.0	83.7	95.9	95.3	107.3	102.2	104.9														
July	85.9	99.6	84.0	97.4	103.1	117.1	87.0	95.4	83.5	101.6	86.7	102.3	86.2	102.1														
Aug. P	86.2	103.2	86.5	92.4	132.3	142.8	83.1	97.7	84.3	100.0	92.4	104.7	89.1	100.6														

Source of the unadjusted figures: Federal Statistical Office. * Figures for specialist sections of local units; excluding value added tax; based on reports from local units

with at least 50 employed persons. 1 Classification of Economic Activities, 2008 edition. 2 Share of total orders received by industry in base year 2015.

III. Economic activity and prices

2. Orders received

g) Orders received by main construction industry * - volume

2015 = 100

seasonally adjusted

Percentage weight 1	Breakdown by type of construction:									
	Total		Structural engineering		of which:		Non-residential construction		Civil engineering	
					Residential construction					
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
	100.00		53.75		22.07		31.68		46.25	
2018 June	119.8		117.2		120.1		115.1		122.8	
July	119.9		121.7		125.5		119.1		117.8	
Aug.	119.2	120.3	113.7	119.3	121.7	126.3	108.1	114.5	125.7	121.5
Sep.	121.9		122.6		131.6		116.4		121.1	
Oct.	123.5		119.2		129.9		111.8		128.4	
Nov.	127.0	130.5	121.7	124.7	136.0	136.6	111.8	116.4	133.2	137.3
Dec.	141.1		133.1		143.8		125.6		150.4	
2019 Jan.	126.7		127.8		132.2		124.7		125.4	
Feb.	127.7	127.4	123.5	126.1	115.5	125.9	129.0	126.2	132.6	128.9
Mar.	127.7		126.9		130.0		124.8		128.6	
Apr.	125.7		127.9		125.4		129.7		123.1	
May	121.0	124.0	121.4	125.4	125.7	125.5	118.4	125.3	120.5	122.3
June	125.2		126.9		125.4		127.9		123.2	
July	124.1		121.2		131.2		114.3		127.5	
Aug.	120.2	122.7	123.5	121.7	129.3	129.4	119.4	116.3	116.4	123.9
Sep.	123.8		120.4		127.8		115.3		127.7	
Oct.	122.2		122.2		136.3		112.3		122.2	
Nov.	137.0	130.3	144.2	131.1	138.9	139.8	147.9	125.0	128.6	129.4
Dec.	131.7		126.9		144.1		114.9		137.4	
2020 Jan.	133.3		136.1		139.3		133.8		130.0	
Feb.	124.5	124.4	131.2	127.9	138.2	134.9	126.3	123.1	116.7	120.3
Mar.	115.4		116.5		127.1		109.1		114.1	
Apr.	119.2		112.0		107.1		115.4		127.6	
May	110.9	119.1	101.4	110.7	120.9	119.1	87.8	104.8	121.9	128.9
June	127.3		118.7		129.4		111.2		137.2	
July	117.6		120.9		130.2		114.5		113.7	
Aug.	120.1	120.7	121.0	122.9	144.6	138.2	104.6	112.3	119.1	118.2
Sep.	124.5		126.7		139.7		117.7		121.9	
Oct.	124.3		131.2		156.5		113.5		116.4	
Nov.	128.9	126.8	134.5	127.6	152.7	151.6	121.9	110.9	122.4	126.0
Dec.	127.3		117.0		145.5		97.2		139.2	
2021 Jan.	133.1		137.1		142.5		133.4		128.3	
Feb.	128.1	124.4	131.4	127.9	144.6	138.4	122.2	120.6	124.3	120.3
Mar.	112.0		115.1		128.0		106.2		108.3	
Apr.	125.3		128.0		145.7		115.7		122.2	
May	121.0	121.9	125.1	124.5	142.4	139.7	113.0	114.0	116.3	119.0
June	119.5		120.5		130.9		113.2		118.4	
July	119.3		125.0		137.0		116.6		112.6	
Aug.	127.0	127.0	130.3	130.6	136.5	137.1	125.9	126.0	123.3	122.9
Sep.	134.8		136.4		137.7		135.5		132.9	
Oct.	125.6		131.2		129.8		132.1		119.1	
Nov.	119.7	128.4	116.0	131.9	128.8	130.5	107.1	132.9	124.0	124.2
Dec.	139.8		148.5		132.8		159.5		129.6	
2022 Jan.	127.3		125.5		142.4		113.8		129.3	
Feb.	122.3	126.9	123.2	127.4	137.2	140.0	113.4	118.6	121.2	126.2
Mar.	131.0		133.5		140.5		128.6		128.1	
Apr.	113.6		111.5		122.5		103.8		116.0	
May	112.0	110.8	110.8	108.1	119.3	117.9	104.8	101.3	113.5	113.9
June	106.8		102.1		112.0		95.2		112.3	
July	112.6		110.7		110.4		110.9		114.7	
Aug.	107.0	107.9	101.4	103.4	102.3	104.6	100.8	102.6	113.5	113.0
Sep.	104.1		98.2		101.0		96.2		110.9	
Oct.	109.4		96.5		98.4		95.1		124.5	
Nov.	105.3	106.8	94.4	96.9	91.6	93.6	96.4	99.3	117.9	118.4
Dec.	105.8		99.9		90.7		106.3		112.7	
2023 Jan.	99.7		92.7		93.5		92.2		107.9	
Feb.	103.7	102.6	87.1	93.4	86.6	89.2	87.5	96.4	123.0	113.2
Mar.	104.3		100.5		87.5		109.6		108.8	
Apr.	102.9		92.0		87.6		95.1		115.6	
May	106.5	104.6	94.0	94.0	95.1	93.8	93.2	94.0	121.0	117.0
June	104.4		95.9		98.8		93.8		114.4	
July	114.4		100.1		98.2		101.5		131.1	

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications. 1 Share of total orders received by main construction industry in base year 2015.

III. Economic activity and prices

2. Orders received

h) Building permits granted for structural engineering work *

€ billion seasonally adjusted

Period	Total		of which:				of which:			
			Residential construction		Non-residential construction		Industrial construction		Public sector construction	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Jan.	8.41		4.77		3.64		2.70		0.94	
Feb.	8.21	25.56	5.00	14.88	3.21		2.52		0.69	2.57
Mar.	8.94		5.11		3.83	10.68	2.89	8.11	0.94	
Apr.	10.03		5.17		4.86		3.32		1.54	
May	9.18	27.77	5.49	15.52	3.69	12.25	2.83	8.97	0.86	3.28
June	8.56		4.86		3.70		2.82		0.88	
July	9.33		5.56		3.77		2.88		0.89	
Aug.	8.74	27.34	5.16	16.10	3.58	11.24	2.73	8.48	0.85	2.76
Sep.	9.27		5.38		3.89		2.87		1.02	
Oct.	8.26		4.78		3.48		2.63		0.85	
Nov.	8.28	25.96	4.93	15.12	3.35	10.84	2.48	8.05	0.87	2.79
Dec.	9.42		5.41		4.01		2.94		1.07	
2019 Jan.	9.18		5.35		3.83		2.83		1.00	
Feb.	8.50	26.19	4.92	15.31	3.58	10.88	2.69	7.97	0.89	2.91
Mar.	8.51		5.04		3.47		2.45		1.02	
Apr.	9.02		5.48		3.54		2.64		0.90	
May	9.02	28.01	5.24	16.09	3.78	11.92	2.87	8.46	0.91	3.46
June	9.97		5.37		4.60		2.95		1.65	
July	9.64		5.41		4.23		2.84		1.39	
Aug.	10.22	29.90	5.70	16.82	4.52	13.08	3.27	9.22	1.25	3.86
Sep.	10.04		5.71		4.33		3.11		1.22	
Oct.	10.10		5.64		4.46		3.13		1.33	
Nov.	10.53	31.08	6.08	17.97	4.45	13.11	3.45	9.63	1.00	3.48
Dec.	10.45		6.25		4.20		3.05		1.15	
2020 Jan.	10.01		5.51		4.50		3.12		1.38	
Feb.	9.69	29.00	5.18	16.14	4.51	12.86	3.22	9.04	1.29	3.82
Mar.	9.30		5.45		3.85		2.70		1.15	
Apr.	10.11		5.82		4.29		3.06		1.23	
May	10.11	30.54	5.71	17.56	4.40	12.98	3.01	9.14	1.39	3.84
June	10.32		6.03		4.29		3.07		1.22	
July	9.37		5.60		3.77		2.52		1.25	
Aug.	9.72	28.87	6.03	17.48	3.69	11.39	2.57	7.97	1.12	3.42
Sep.	9.78		5.85		3.93		2.88		1.05	
Oct.	10.89		6.06		4.83		3.47		1.36	
Nov.	11.02	31.85	6.81	18.92	4.21	12.93	3.14	9.52	1.07	3.41
Dec.	9.94		6.05		3.89		2.91		0.98	
2021 Jan.	10.98		6.54		4.44		3.32		1.12	
Feb.	10.89	33.99	6.88	21.14	4.01	12.85	2.56	9.00	1.45	3.85
Mar.	12.12		7.72		4.40		3.12		1.28	
Apr.	10.12		6.02		4.10		2.91		1.19	
May	10.57	30.77	6.19	18.39	4.38	12.38	3.18	8.97	1.20	3.41
June	10.08		6.18		3.90		2.88		1.02	
July	10.65		6.08		4.57		3.50		1.07	
Aug.	10.93	32.24	6.35	18.72	4.58	13.52	3.20	9.81	1.38	3.71
Sep.	10.66		6.29		4.37		3.11		1.26	
Oct.	10.85		6.44		4.41		3.12		1.29	
Nov.	10.92	32.51	6.41	19.61	4.51	12.90	3.13	9.10	1.38	3.80
Dec.	10.74		6.76		3.98		2.85		1.13	
2022 Jan.	12.02		7.35		4.67		3.19		1.48	
Feb.	11.49	35.62	6.77	21.15	4.72	14.47	3.53	10.58	1.19	3.89
Mar.	12.11		7.03		5.08		3.86		1.22	
Apr.	12.20		6.84		5.36		4.04		1.32	
May	11.76	34.54	6.64	19.91	5.12	14.63	3.47	10.45	1.65	4.18
June	10.58		6.43		4.15		2.94		1.21	
July	11.19		6.71		4.48		3.43		1.05	
Aug.	10.92	32.88	6.15	19.09	4.77	13.79	3.58	10.29	1.19	3.50
Sep.	10.77		6.23		4.54		3.28		1.26	
Oct.	9.82		6.07		3.75		2.88		0.87	
Nov.	10.48	31.36	5.78	17.68	4.70	13.68	3.31	9.89	1.39	3.79
Dec.	11.06		5.83		5.23		3.70		1.53	
2023 Jan.	9.70		5.41		4.29		3.24		1.05	
Feb.	10.39	29.45	5.64	16.34	4.75	13.11	3.15	9.17	1.60	3.94
Mar.	9.36		5.29		4.07		2.78		1.29	
Apr.	8.78		4.90		3.88		2.83		1.05	
May	10.85	28.66	5.26	14.96	5.59	13.70	3.85	9.70	1.74	4.00
June	9.03		4.80		4.23		3.02		1.21	
July	9.31		4.62		4.69		3.35		1.34	

Source of the unadjusted figures: Federal Statistical Office. * Estimated cost of the building; including value added tax.

III. Economic activity and prices

3. Stock of orders

d) Stock of orders by selected branches of industry * - value

2015 = 100

seasonally adjusted

	Manufacture of chemicals, chemical products, basic pharmaceutical products and pharmaceutical preparations		Manufacture of basic metals and fabricated metal products, except machinery and equipment		Manufacture of computer, electronic, optical products and of electrical equipment		Manufacture of machinery and equipment n.e.c.		Manufacture of motor vehicles, trailers and semi-trailers (R)		Memo item:					
											Industry excluding manufacture of other transport equipment		Capital goods excluding manufacture of other transport equipment			
WZ 2008 1	20 and 21		24 and 25		26 and 27		28		29		Industry excluding 30		Capital goods excluding 30			
Total																
Percentage weight 2 Period	2.75 monthly quarterly		11.28 monthly quarterly		11.17 monthly quarterly		29.21 monthly quarterly		15.06 monthly quarterly		70.92 monthly quarterly		50.29 monthly quarterly			
2021 Apr.	200.6		139.1		153.8		120.6		160.9		140.6		136.1			
May	212.5	210.0	143.2	143.5	158.1	158.8	123.3	123.2	169.0	169.0	145.1	145.2	140.2	140.5		
June	216.8		148.3		164.4		125.8		177.1		149.9		145.2			
July	222.5		153.1		167.8		128.4		182.2		153.2		148.0			
Aug.	228.7	226.3	155.8	156.1	172.0	172.0	131.3	132.4	188.4	189.9	157.3	158.2	152.1	153.4		
Sep.	227.6		159.4		176.3		137.6		199.2		164.2		160.0			
Oct.	233.5		160.5		180.7		140.3		205.3		167.8		163.9			
Nov.	235.7	236.1	164.0	163.3	185.3	185.5	143.3	143.6	209.8	209.4	171.8	171.6	167.6	167.5		
Dec.	239.0		165.5		190.5		147.1		213.2		175.3		171.1			
2022 Jan.	218.1		173.6		196.2		150.3		214.6		178.7		176.0			
Feb.	219.1	218.3	175.7	176.4	201.6	203.1	151.6	152.2	213.8	216.8	181.1	181.5	178.1	178.6		
Mar.	217.8		179.8		211.6		154.7		221.9		184.8		181.7			
Apr.	222.4		182.8		217.5		157.8		224.3		187.8		184.3			
May	232.7	230.1	183.6	183.8	221.7	221.9	159.5	159.8	229.3	228.6	190.5	190.5	187.1	187.0		
June	235.3		185.1		226.4		162.2		232.1		193.2		189.7			
July	232.7		185.2		233.2		164.0		238.0		195.6		192.2			
Aug.	230.1	228.2	186.4	186.2	236.9	235.7	165.6	165.4	239.1	238.4	197.5	197.2	194.1	194.0		
Sep.	221.7		187.1		237.1		166.7		238.2		198.6		195.8			
Oct.	216.3		187.4		240.8		168.4		237.4		200.0		197.2			
Nov.	208.6	210.0	186.5	187.1	239.1	242.1	168.6	168.7	234.4	233.7	198.7	199.2	196.5	196.3		
Dec.	205.2		187.5		246.3		169.2		229.2		198.9		195.2			
2023 Jan.	204.3		187.1		250.1		168.9		232.5		200.3		196.6			
Feb.	203.4	202.3	187.2	187.8	252.7	251.7	170.0	169.7	231.4	230.1	201.7	200.4	198.7	197.1		
Mar.	199.2		189.2		252.2		170.1		226.3		199.1		195.9			
Apr.	199.8		187.0		253.8		170.1		222.9		197.7		194.0			
May	198.5	199.3	188.4	188.9	253.1	254.1	169.8	169.8	218.1	217.4	196.5	196.6	193.3	193.2		
June	199.5		191.4		255.4		169.6		211.3		195.6		192.4			
July	200.7		190.0		251.2		169.2		207.7		193.3		190.6			
Aug.	201.2	...	188.6	...	251.3	...	167.8	...	201.9	...	191.7	...	188.2	...		
Domestic and abroad																
Percentage weight 2 Period	Domestic		Abroad		Domestic		Abroad		Domestic		Abroad		Domestic		Abroad	
	0.90	1.84	6.45	4.83	4.81	6.36	8.77	20.44	5.62	9.44	27.31	43.61	17.08	33.21		
2021 Q2	214.0	208.0	144.5	142.2	164.3	154.6	120.9	124.2	141.7	185.2	141.8	147.3	135.3	143.1		
Q3	224.3	227.2	156.7	155.2	181.2	165.1	129.3	133.7	158.2	208.8	154.5	160.5	148.1	156.1		
Q4	227.7	240.2	162.4	164.6	195.0	178.4	137.7	146.0	177.7	228.3	166.8	174.6	161.8	170.5		
2022 Q1	223.2	215.9	167.6	188.1	210.9	197.3	145.1	155.1	188.1	233.8	174.9	185.6	170.7	182.6		
Q2	249.3	220.8	175.0	195.7	229.0	216.6	153.1	162.6	200.3	245.4	184.5	194.2	179.2	191.0		
Q3	248.9	218.0	176.9	198.7	244.8	228.9	159.1	168.1	211.4	254.5	192.1	200.4	187.4	197.4		
Q4	236.6	197.0	177.4	200.1	253.8	233.3	163.9	170.7	208.5	248.7	196.1	201.1	191.5	198.7		
2023 Q1	235.2	186.2	177.8	201.2	268.3	239.2	165.8	171.3	207.5	243.5	198.6	201.5	193.2	199.0		
Q2	231.6	183.4	177.1	204.7	279.2	235.2	167.1	171.0	202.6	226.3	197.6	195.9	192.8	193.4		
2022 Aug.	251.1	219.8	176.8	199.1	245.7	230.3	159.1	168.3	211.8	255.3	192.1	200.9	187.2	197.6		
Sep.	241.7	211.9	177.1	200.4	245.7	230.6	160.8	169.2	210.4	254.8	193.4	201.8	188.8	199.3		
Oct.	238.6	205.4	177.8	200.2	250.7	233.4	163.1	170.6	209.9	253.8	195.6	202.7	190.7	200.5		
Nov.	235.8	195.3	177.1	199.0	249.4	231.3	163.5	170.7	209.6	249.2	195.3	200.8	192.0	198.8		
Dec.	235.5	190.4	177.4	201.0	261.2	235.1	165.2	170.9	206.1	243.0	197.4	199.9	191.9	196.9		
2023 Jan.	235.1	189.2	177.6	199.7	265.1	238.8	165.6	170.3	207.7	247.3	198.8	201.3	193.1	198.4		
Feb.	235.6	187.6	177.8	199.7	269.3	240.2	166.0	171.6	208.3	245.1	199.7	202.9	194.6	200.7		
Mar.	234.8	181.8	177.9	204.2	270.4	238.6	165.7	172.0	206.5	238.1	197.3	200.2	191.9	197.9		
Apr.	233.2	183.5	175.4	202.6	277.7	235.8	165.3	172.1	205.8	233.1	197.3	197.9	191.1	195.5		
May	231.5	182.4	176.9	203.7	278.1	234.4	168.2	170.5	203.4	226.8	197.6	195.8	192.6	193.6		
June	230.2	184.4	179.0	207.9	281.8	235.5	167.9	170.3	198.6	218.9	198.0	194.1	194.8	191.2		
July	230.3	186.2	176.5	208.0	277.7	231.3	167.9	169.7	196.4	214.4	196.0	191.7	193.7	189.0		
Aug.	232.5	185.9	176.6	204.7	278.7	230.7	166.1	168.5	191.4	208.1	195.0	189.6	191.5	186.5		

Source of the unadjusted figures: Federal Statistical Office. * Figures for specialist sections of local units; excluding value added tax; based on reports from local units with at least 50 employed persons. 1 Classification of Economic Activities, 2008 edition.

2 Share of total stock of orders by industry in base year 2015. 3 Figures as of January 2023 provisional.

III. Economic activity and prices

3. Stock of orders

e) Stock of orders by selected branches of industry * - volume

2015 = 100

seasonally adjusted

	Manufacture of chemicals, chemical products, basic pharmaceutical products and pharmaceutical preparations		Manufacture of basic metals and fabricated metal products, except machinery and equipment		Manufacture of computer, electronic, optical products and of electrical equipment		Manufacture of machinery and equipment n.e.c.		Manufacture of motor vehicles, trailers and semi-trailers (R)		Memo item:			
											Industry excluding manufacture of other transport equipment		Capital goods excluding manufacture of other transport equipment	
WZ 2008 1	20 and 21		24 and 25		26 and 27		28		29		Industry excluding 30		Capital goods excluding 30	
Total														
Percentage weight 2 Period	2.75 monthly quarterly		11.28 monthly quarterly		11.17 monthly quarterly		29.21 monthly quarterly		15.06 monthly quarterly		70.92 monthly quarterly		50.29 monthly quarterly	
2021 Apr.	188.4		124.0		154.0		113.6		157.2		134.2		129.9	
May	197.0	195.1	125.5	125.8	157.8	158.5	115.9	115.8	164.9	164.8	137.7	137.8	133.6	133.8
June	199.8		128.0		163.7		118.0		172.3		141.5		138.0	
July	203.2		128.2		166.0		119.6		176.1		143.1		139.7	
Aug.	207.1	204.8	128.6	129.1	169.2	169.2	121.7	122.8	181.5	183.0	146.1	147.0	142.9	144.1
Sep.	204.2		130.4		172.5		127.0		191.4		151.7		149.6	
Oct.	206.3		129.9		176.0		129.2		195.7		154.3		152.7	
Nov.	204.1	205.1	131.7	131.2	179.4	179.7	131.5	131.8	199.3	199.0	156.9	156.9	155.4	155.4
Dec.	204.8		131.9		183.6		134.6		201.9		159.4		158.1	
2022 Jan.	177.8		134.7		187.1		135.1		201.3		159.9		160.5	
Feb.	176.8	175.6	134.9	134.6	190.6	192.1	135.5	136.1	200.2	202.8	161.0	161.3	161.6	162.0
Mar.	172.3		134.2		198.6		137.6		206.8		162.9		164.0	
Apr.	169.9		132.8		202.7		138.9		206.9		163.5		164.7	
May	175.2	173.5	131.7	132.4	205.2	205.5	139.4	139.8	210.7	210.0	164.6	164.8	166.0	166.1
June	175.5		132.6		208.6		141.0		212.4		166.3		167.6	
July	172.1		132.2		212.6		141.0		215.1		166.7		168.0	
Aug.	169.9	168.4	132.7	132.5	214.3	213.3	141.3	141.2	214.1	214.0	167.2	167.1	168.2	168.3
Sep.	163.3		132.7		213.0		141.4		212.9		167.3		168.6	
Oct.	159.7		132.6		214.9		141.8		212.0		167.8		169.2	
Nov.	155.4	156.3	132.5	132.8	212.9	215.5	141.5	141.6	209.1	208.7	166.5	167.0	167.9	168.0
Dec.	153.8		133.4		218.7		141.6		205.1		166.6		167.0	
2023 Jan.	151.3		132.6		220.5		139.1		207.7		166.5		166.6	
Feb.	151.3	150.6	132.5	133.1	222.6	221.5	139.5	139.2	206.2	205.0	167.3	166.1	167.9	166.4
Mar.	149.2		134.3		221.4		139.0		201.1		164.6		164.8	
Apr.	151.9		133.3		222.3		138.4		197.4		163.2		162.7	
May	152.4	153.0	135.0	135.4	221.9	222.4	137.7	137.9	192.5	191.7	162.1	162.1	161.5	161.4
June	154.7		137.9		222.9		137.5		185.2		161.0		160.1	
July	156.9		137.6		219.4		136.5		181.5		158.8		158.0	
Aug.	158.5	...	137.4	...	220.0	...	135.2	...	176.5	...	157.6	...	155.9	...
Domestic and abroad														
Percentage weight 2 Period	Domestic 0.90 Abroad 1.84		Domestic 6.45 Abroad 4.83		Domestic 4.81 Abroad 6.36		Domestic 8.77 Abroad 20.44		Domestic 5.62 Abroad 9.44		Domestic 27.31 Abroad 43.61		Domestic 17.08 Abroad 33.21	
2021 Q2	195.4	194.9	127.0	124.3	162.2	155.7	113.1	117.0	135.1	182.4	132.6	140.9	126.9	137.3
Q3	199.2	207.6	129.7	128.3	175.6	164.4	119.2	124.3	149.6	202.9	140.9	150.7	136.7	147.8
Q4	191.2	211.9	130.2	132.4	185.9	174.9	125.2	134.6	165.9	218.7	149.3	161.6	147.2	159.6
2022 Q1	174.8	176.1	127.3	144.3	196.1	189.1	128.6	139.1	172.3	220.8	151.8	167.1	151.6	167.3
Q2	182.7	169.0	124.9	142.4	207.9	203.7	132.3	142.9	180.7	227.5	155.1	170.8	155.4	171.5
Q3	180.3	162.6	125.1	142.4	216.7	210.7	134.2	144.1	187.9	229.5	158.9	172.1	159.3	172.8
Q4	172.6	148.4	125.1	143.1	220.4	211.8	135.9	144.0	183.9	223.5	160.6	170.9	160.6	171.8
2023 Q1	170.6	140.8	125.2	143.7	229.5	215.5	134.8	141.1	180.3	219.7	160.4	169.7	159.3	170.1
Q2	173.1	143.2	126.2	147.7	237.4	211.1	133.9	139.5	173.4	202.5	158.8	164.1	157.0	163.7
2022 Aug.	181.3	164.3	125.1	142.9	217.3	212.0	134.2	144.2	188.1	229.5	158.8	172.3	159.2	172.8
Sep.	175.0	157.5	125.1	142.8	216.0	210.7	135.0	144.0	186.2	228.7	159.4	172.1	159.7	173.1
Oct.	172.3	153.6	125.0	142.7	218.7	212.0	135.9	144.2	185.5	227.7	160.3	172.4	160.5	173.6
Nov.	172.0	147.3	125.0	142.4	216.8	209.9	135.4	144.0	184.8	223.6	159.9	170.5	160.7	171.6
Dec.	173.4	144.2	125.3	144.1	225.8	213.4	136.4	143.7	181.5	219.2	161.5	169.8	160.5	170.3
2023 Jan.	170.3	142.0	125.1	142.5	227.2	215.5	135.4	140.7	180.7	223.8	161.0	169.9	159.8	170.1
Feb.	170.6	141.9	125.1	142.3	230.6	216.6	134.9	141.4	181.1	221.1	161.3	171.0	160.4	171.7
Mar.	170.9	138.5	125.4	146.2	230.7	214.4	134.0	141.1	179.0	214.3	159.0	168.1	157.7	168.4
Apr.	172.0	142.1	124.1	145.5	235.9	212.1	133.2	140.6	176.5	209.8	158.6	166.1	156.0	166.1
May	172.6	142.5	126.2	146.8	236.6	210.8	134.5	139.1	174.3	203.3	158.8	164.1	156.7	163.9
June	174.6	144.9	128.2	150.9	239.6	210.4	134.1	138.9	169.5	194.5	159.1	162.1	158.2	161.0
July	175.6	147.8	127.4	151.2	236.0	206.9	133.6	137.7	167.1	190.1	157.3	159.8	156.7	158.6
Aug.	178.0	148.9	127.8	150.3	238.0	206.4	131.7	136.6	163.1	184.4	156.8	158.1	154.7	156.5

Source of the unadjusted figures: Federal Statistical Office. * Figures for specialist sections of local units; excluding value added tax; based on reports from local units with at least 50 employed persons. 1 Classification of Economic Activities, 2008 edition.

2 Share of total stock of orders by industry in base year 2015. 3 Figures as of January 2023 provisional.

III. Economic activity and prices

4. Turnover

a) Turnover of industry, * by main grouping - total and domestic

2015 = 100

seasonally adjusted

	Industry		Intermediate goods		Capital goods		Consumer goods		of which:			
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	Durable consumer goods		Non-durable consumer goods	
									monthly	quarterly	monthly	quarterly
Total	100.00		35.37		46.86		17.77		2.60		15.17	
Percentage weight 1 Period												
2021 Aug. 2	102.3	104.2	114.7	115.6	90.5	93.8	108.7	109.3	114.6	117.3	107.6	107.9
Sep.	103.1		115.7		91.2		109.5		114.8		108.6	
Oct.	106.1		118.8		95.1		109.8		117.8		108.5	
Nov.	110.8	110.0	121.5	121.8	102.5	100.7	111.2	111.2	119.1	119.1	109.8	109.9
Dec.	113.2		125.2		104.4		112.6		120.4		111.3	
2022 Jan.	116.5		127.9		108.9		113.8		124.2		112.0	
Feb.	116.4	115.5	130.4	130.0	105.5	104.1	117.4	116.8	126.1	123.8	115.9	115.7
Mar.	113.7		131.7		98.0		119.3		121.2		119.1	
Apr.	115.6		133.9		99.4		121.9		128.2		120.8	
May	119.7	119.5	135.7	135.3	106.7	106.2	122.0	123.0	137.4	131.1	119.4	121.6
June	123.2		136.3		112.4		125.1		127.7		124.7	
July 2	122.4		136.3		112.3		121.0		130.1		119.4	
Aug. 2	124.3	124.1	137.0	136.7	114.8	114.5	124.0	124.1	135.1	132.6	122.0	122.6
Sep.	125.6		136.8		116.4		127.4		132.7		126.5	
Oct.	125.5		135.4		117.7		126.2		130.1		125.6	
Nov.	128.3	126.6	135.5	133.4	122.4	121.2	129.5	127.2	130.1	129.7	129.4	126.8
Dec.	126.0		129.4		123.5		125.8		128.9		125.3	
2023 Jan.	126.6		130.7		123.1		127.7		128.1		127.6	
Feb.	128.7	127.0	133.7	132.1	124.6	122.5	129.5	128.6	133.9	133.4	128.8	127.8
Mar.	125.7		132.0		119.9		128.7		138.1		127.1	
Apr.	125.4		128.5		122.2		127.5		136.9		125.9	
May	129.3	127.3	128.0	127.5	129.9	126.6	130.3	128.6	132.4	133.2	129.9	127.8
June	127.2		125.9		127.8		128.0		130.2		127.6	
July 2	125.9		123.8		127.0		127.3		127.7		127.1	
Aug. 2,p	126.1	...	127.5	...	124.2	...	128.4	...	135.1	...	127.2	...
Domestic	49.66		19.41		18.36		11.89		1.46		10.43	
Percentage weight 1 Period												
2021 Aug. 2	101.8	103.3	111.5	112.3	89.4	92.5	105.1	105.4	106.5	106.7	104.9	105.3
Sep.	102.1		112.4		89.2		105.4		103.4		105.7	
Oct.	104.8		116.2		92.2		105.7		106.8		105.6	
Nov.	109.1	108.3	118.1	118.5	100.5	98.0	107.6	107.5	106.7	107.3	107.7	107.6
Dec.	110.9		121.1		101.2		109.3		108.4		109.4	
2022 Jan.	114.0		123.7		106.1		110.5		113.4		110.1	
Feb.	114.8	114.3	127.1	126.7	103.2	102.1	112.6	113.1	114.3	113.7	112.4	113.0
Mar.	114.2		129.3		97.0		116.1		113.4		116.5	
Apr.	116.6		132.0		98.9		118.7		115.0		119.2	
May	117.7	118.2	133.1	133.0	101.9	101.9	116.8	118.9	117.6	116.2	116.7	119.3
June	120.2		133.9		104.9		121.3		115.9		122.1	
July 2	119.8		133.2		107.4		116.9		118.0		116.7	
Aug. 2	120.5	120.8	132.9	133.1	108.3	108.7	119.0	119.6	115.2	116.0	119.5	120.1
Sep.	122.2		133.1		110.3		122.9		114.7		124.1	
Oct.	121.4		132.5		108.7		122.9		114.4		124.1	
Nov.	124.6	122.4	132.9	131.1	115.0	113.0	125.8	122.7	114.4	113.4	127.4	124.0
Dec.	121.1		127.9		115.2		119.3		111.3		120.4	
2023 Jan.	123.3		128.9		117.6		123.1		116.2		124.1	
Feb.	125.3	124.0	131.7	130.4	118.3	117.1	125.8	124.4	119.3	119.0	126.7	125.2
Mar.	123.5		130.7		115.4		124.3		121.6		124.7	
Apr.	122.5		127.6		117.2		122.3		123.0		122.2	
May	123.7	122.2	126.2	125.3	119.3	117.8	126.3	123.8	117.0	118.0	127.6	124.6
June	120.4		122.1		117.0		122.8		114.1		124.0	
July 2	120.5		121.3		119.0		121.7		112.9		122.9	
Aug. 2,p	121.0	...	122.5	...	117.9	...	123.4	...	126.4	...	123.0	...

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications; figures for specialist sections of local units; excluding value added tax; based on reports from local units with at least 50 employed persons.

1 Share of total turnover of industry in base year 2015. 2 Influenced by a change in holiday dates.

III. Economic activity and prices

4. Turnover

b) Turnover of industry, * by main grouping - exports

2015 = 100

seasonally adjusted

Period	Industry		Intermediate goods		Capital goods		Consumer goods		of which:			
	50.34 monthly	quarterly	15.96 monthly	quarterly	28.51 monthly	quarterly	5.88 monthly	quarterly	1.15 monthly	quarterly	4.73 monthly	quarterly
Total												
2021 Aug. ²	102.8	105.1	118.7	119.6	91.2	94.6	116.0	117.2	125.0	130.8	113.7	113.8
Sep.	104.1		119.7		92.5		117.7		129.2		114.9	
Oct.	107.4		122.0		97.0		118.1		131.7		114.8	
Nov.	112.5	111.8	125.7	126.0	103.8	102.4	118.5	118.6	134.8	134.0	114.5	114.9
Dec.	115.5		130.2		106.4		119.3		135.6		115.5	
2022 Jan.	118.9		133.1		110.7		120.5		138.0		116.3	
Feb.	118.0	116.7	134.4	134.1	106.9	105.4	127.0	124.5	141.1	136.7	123.6	121.5
Mar.	113.3		134.7		98.7		125.9		131.1		124.7	
Apr.	114.7		136.2		99.8		128.4		145.1		124.3	
May	121.6	120.8	138.8	138.1	109.8	108.9	132.5	131.3	162.6	150.1	125.2	126.7
June	126.1		139.2		117.2		132.9		142.7		130.5	
July ²	124.9		140.0		115.5		129.4		145.6		125.4	
Aug. ²	128.0	127.3	141.9	141.1	119.0	118.3	134.0	133.3	160.4	153.9	127.6	128.3
Sep.	128.9		141.4		120.3		136.5		155.6		131.9	
Oct.	129.5		139.0		123.5		133.0		150.2		128.9	
Nov.	132.0	130.8	138.7	136.3	127.2	126.5	137.1	136.4	150.2	150.6	133.8	132.9
Dec.	130.8		131.3		128.8		139.0		151.3		136.0	
2023 Jan.	129.8		132.8		126.6		136.9		143.3		135.3	
Feb.	132.0	129.9	136.1	134.1	128.7	126.0	137.0	137.2	152.6	151.7	133.3	133.7
Mar.	127.9		133.5		122.8		137.7		159.2		132.4	
Apr.	128.2		129.5		125.4		137.9		154.7		133.9	
May	134.8	132.3	130.1	130.1	136.7	132.3	138.3	138.2	152.1	152.5	134.9	134.7
June	133.9		130.6		134.8		138.4		150.8		135.4	
July ²	131.2		126.8		132.2		138.5		146.6		136.5	
Aug. ^{2,p}	131.1	...	133.5	...	128.3	...	138.5	...	146.2	...	136.6	...
Euro area and non-euro area												
Percentage weight ¹ Period	Euro area	Non-euro area	Euro area	Non-euro area	Euro area	Non-euro area	Euro area	Non-euro area	Euro area	Non-euro area	Euro area	Non-euro area
	20.54	29.81	7.81	8.14	9.46	19.05	3.26	2.62	0.56	0.59	2.70	2.03
2021 Q2	107.5	105.1	116.4	117.2	99.2	97.7	110.0	121.8	147.1	118.5	102.3	122.8
Q3	107.4	103.5	120.4	118.7	95.4	94.2	111.2	124.5	142.9	119.3	104.7	126.0
Q4	113.9	110.4	126.7	125.3	102.5	102.4	116.0	121.9	149.1	119.7	109.2	122.5
2022 Q1	118.5	115.5	135.9	132.3	103.2	106.5	120.9	129.0	148.3	125.7	115.2	130.0
Q2	124.4	118.3	139.1	137.0	109.0	108.9	133.7	128.2	172.2	129.2	125.7	127.9
Q3	128.7	126.2	139.6	142.5	119.2	117.8	130.2	137.1	161.7	146.5	123.7	134.4
Q4	132.0	129.9	135.9	136.8	127.9	125.8	134.7	138.4	166.7	135.3	128.1	139.3
2023 Q1	134.1	127.0	134.8	133.5	132.4	122.9	137.6	136.7	173.1	131.4	130.3	138.2
Q2	134.2	131.0	128.8	131.3	137.9	129.5	136.4	140.4	173.6	132.5	128.8	142.7
2022 Aug. ²	128.1	127.9	140.0	143.8	118.4	119.3	127.9	141.5	162.0	158.8	120.9	136.5
Sep.	130.7	127.6	138.8	143.8	122.0	119.5	136.8	136.1	164.8	146.9	131.0	133.0
Oct.	130.5	128.8	137.8	140.2	124.3	123.1	131.3	135.2	161.5	139.4	125.1	134.0
Nov.	133.8	130.8	138.5	138.9	128.9	126.4	136.7	137.5	165.0	136.2	130.8	137.9
Dec.	131.7	130.1	131.4	131.3	130.5	127.9	136.2	142.5	173.5	130.2	128.5	146.1
2023 Jan.	133.5	127.2	134.2	131.5	132.3	123.8	135.6	138.5	158.9	128.5	130.8	141.4
Feb.	135.8	129.4	136.8	135.4	134.1	126.0	138.2	135.6	175.2	131.2	130.6	136.9
Mar.	133.1	124.3	133.5	133.5	130.8	118.8	139.1	135.9	185.3	134.4	129.5	136.3
Apr.	132.9	124.9	130.9	128.2	133.6	121.3	135.5	140.9	173.8	136.5	127.6	142.2
May	135.6	134.3	129.1	131.0	140.2	135.0	137.7	139.0	170.3	134.8	131.0	140.2
June	134.2	133.7	126.4	134.7	139.9	132.3	136.1	141.3	176.6	126.2	127.7	145.7
July ²	134.8	128.7	126.5	127.1	139.5	128.5	140.8	135.7	185.1	109.9	131.6	143.1
Aug. ^{2,p}	137.7	126.6	128.9	138.0	144.7	120.1	138.2	138.8	168.5	125.0	131.9	142.8

Source of the unadjusted figures: Federal Statistical Office. * See explanatory notes, section on classifications; figures for specialist sections of local units; excluding value added tax; based on reports from local units with at least 50 employed persons.

¹ Share of total turnover of industry in base year 2015. ² Influenced by a change in holiday dates.

III. Economic activity and prices

4. Turnover

c) Retail turnover *

2015 = 100

(R) seasonally adjusted

		of which:														
		In stores by enterprises main product range:														Retail sale via mail order houses or via internet as well as other retail sale 2
		Food, beverages, tobacco 1		Textiles, clothing, footwear and leather goods		Information and communication equipment		Construction and flooring materials, household appliances, furniture		Retail sale of pharmaceutical and medical goods, cosmetic and toilet articles						
Total		47.11, 47.2 and 47.81		47.51, 47.71 and 47.72		47.4		47.52, 47.53, 47.54 and 47.59 without 47.59.3		47.73, 47.74 and 47.75		47.9				
Period		At current prices		At 2015 prices		At current prices		At current prices		At current prices		At current prices		At current prices		
		monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	
WZ 2008 3																
2019	Jan.	113.2		109.9		111.0		107.5		106.6		104.8		116.5		135.3
	Feb.	113.5	113.6	110.1	110.3	111.0	111.2	113.6	110.2	106.8	107.6	105.8	105.5	117.6	116.5	135.9
	Mar.	114.1		110.8		111.5		109.6		109.3		105.9		115.4		132.3
	Apr.	114.7		111.0		111.2		109.2		107.0		108.4		118.3		137.6
	May	112.5	114.5	108.6	110.6	109.9	111.6	98.8	107.2	110.3	108.7	105.6	107.3	118.9	118.3	135.1
	June	116.2		112.1		113.8		113.6		108.9		107.9		117.7		142.1
	July	115.6		111.5		112.4		103.2		101.9		108.4		119.1		142.8
	Aug.	115.5	115.7	111.3	111.6	113.7	112.8	105.3	104.4	111.6	109.1	107.5	108.0	119.2	119.7	139.6
	Sep.	116.1		111.9		112.3		104.8		113.9		108.1		120.7		144.9
	Oct.	115.2		111.0		112.5		104.9		109.3		106.4		120.4		137.2
	Nov.	115.9	115.9	111.4	111.5	114.7	113.3	109.4	105.8	109.9	110.0	108.6	107.6	119.1	120.5	134.5
	Dec.	116.7		112.1		112.6		103.0		110.7		107.9		121.9		144.2
2020	Jan.	117.2		112.5		112.7		105.4		110.8		110.0		126.0		145.3
	Feb.	117.4	117.1	112.5	112.2	118.3	119.4	105.2	87.2	110.9	102.9	109.5	106.3	124.8	129.0	141.1
	Mar.	116.7		111.7		127.3		51.0		87.1		99.5		136.1		150.4
	Apr.	110.6		105.8		122.8		28.1		63.2		95.1		116.8		176.0
	May	122.5	118.5	117.4	113.4	124.9	121.7	75.8	66.1	113.7	97.2	122.8	113.8	116.9	118.8	176.1
	June	122.4		117.0		117.3		94.5		114.8		123.5		122.6		174.9
	July	123.0		117.1		117.9		97.5		117.0		125.6		122.6		164.6
	Aug.	125.3	124.1	119.1	118.1	123.8	120.6	97.8	97.2	113.3	112.5	125.0	124.6	124.7	124.4	172.6
	Sep.	123.9		118.1		120.1		96.2		107.3		123.3		126.0		167.0
	Oct.	127.3		121.2		122.5		98.2		119.6		125.1		128.7		179.5
	Nov.	127.8	125.8	121.7	119.7	122.9	123.3	85.1	81.2	126.5	114.1	131.9	124.0	128.9	129.2	183.7
	Dec.	122.4		116.3		124.5		60.2		96.2		114.9		130.0		183.6
2021	Jan.	111.5		105.6		124.9		23.9		58.4		66.0		126.1		192.5
	Feb.	115.1	117.9	108.8	111.6	124.6	126.1	29.7	37.8	69.8	71.8	75.6	84.9	131.9	130.1	197.1
	Mar.	127.2		120.3		128.7		59.7		87.1		113.1		132.2		198.2
	Apr.	120.1		113.4		122.1		37.9		80.7		100.0		133.6		197.2
	May	124.0	125.0	116.7	117.7	123.9	122.1	60.3	69.9	86.4	91.6	108.2	111.8	132.8	133.5	204.4
	June	130.9		122.9		120.3		111.6		107.8		127.3		134.2		197.1
	July	125.4		117.0		119.0		102.0		108.4		121.9		134.7		167.5
	Aug.	127.5	126.0	119.0	117.5	117.7	118.4	107.1	101.6	109.8	107.7	126.7	122.4	139.3	135.9	184.2
	Sep.	125.1		116.5		118.4		95.7		104.9		118.6		133.7		177.3
	Oct.	128.3		119.1		119.4		103.1		107.3		121.2		139.6		187.7
	Nov.	130.5	129.2	120.8	119.5	120.8	120.4	98.7	95.3	109.6	107.8	121.5	120.0	140.3	140.7	187.8
	Dec.	128.7		118.5		121.0		84.2		106.5		117.3		142.3		190.6
2022	Jan.	132.3	4	120.7		127.0		85.6		107.4		123.9		145.1		187.4
	Feb.	132.8	133.6	120.6	120.8	126.2	126.9	95.1	93.0	107.3	106.7	126.0	125.1	143.7	144.9	188.3
	Mar.	135.8		121.1		127.6		98.2		105.3		125.5		146.0		186.3
	Apr.	132.3		117.1		125.4		97.8		107.7		122.8		143.1		189.0
	May	133.2	132.5	115.9	115.6	125.0	125.4	106.3	102.5	106.6	106.7	123.7	122.6	145.3	143.5	187.4
	June	132.1		113.8		125.7		103.4		105.8		121.3		142.0		188.8
	July	135.2		115.3		128.8		105.0		107.4		122.6		145.3		193.4
	Aug.	135.1	136.1	114.3	115.2	129.8	130.2	104.5	107.0	107.7	108.7	121.3	122.7	145.1	146.0	192.2
	Sep.	138.0		115.9		131.9		111.6		111.0		124.1		147.5		197.5
	Oct.	135.7		113.0		132.0		104.2		109.3		121.2		144.0		187.4
	Nov.	136.0	135.5	113.1	112.6	131.8	131.2	109.0	106.8	108.8	108.3	122.0	121.6	146.1	144.6	187.6
	Dec.	134.8		111.6		129.8		107.1		106.9		121.6		143.6		183.2
2023	Jan.	135.2		112.3		132.8		101.7		106.6		120.3		142.4		182.3
	Feb.	136.4	136.1	112.7	112.4	134.2	133.8	108.8	104.7	109.3	108.4	120.3	120.0	143.6	143.7	187.1
	Mar.	136.8		112.1		134.3		103.5		109.2		119.5		145.2		185.3
	Apr.	137.6		112.7		135.6		104.1		107.3		118.8		146.4		186.4
	May	139.4	138.7	113.8	113.2	137.2	136.4	109.2	109.2	107.5	107.2	121.8	120.6	150.0	148.7	189.1
	June	139.1		113.1		136.5		114.2		106.9		121.3		149.7		192.5
	July	139.3		113.0		138.2		108.7		104.8		118.3		149.8		189.2
	Aug.	138.1	...	111.7	...	137.3	...	108.7	...	104.7	...	119.1	...	149.7	...	187.8

Source of the unadjusted figures: Federal Statistical Office. * Excluding value added tax. 1 Including stalls and markets. 2 Excluding stores, stalls and markets. 3 Classification of Economic Activities, 2008 edition. Identical with NACE Rev. 2 at the level of classes

(four-digit numerical code). 4 As of January 2022 figures are provisional and partially revised. New reporting sample including new entities; statistical breaks in the reporting sample eliminated by chain-linking.

III. Economic activity and prices

4. Turnover

d) Turnover in services

2015 = 100

(R) seasonally adjusted

WZ 2008 3 Period	Total 1,2		of which:									
	H,I,J,L,M,N		Transportation and storage		Information and communication		Real estate activities		Professional, scientific and technical activities		Administrative and support service activities	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 June	110.5		109.7		110.3		106.6		108.0		116.9	
July	112.3		112.1		113.5		106.1		110.4		117.6	
Aug.	112.1	112.4	109.7	111.5	113.4	113.2	110.0	108.2	110.5	110.9	116.7	117.1
Sep.	112.8		112.6		112.6		108.5		111.7		117.1	
Oct.	113.0		114.4		112.0		108.6		110.5		118.3	
Nov.	112.8	113.2	113.2	113.3	110.5	111.5	110.5	109.9	110.4	111.5	119.4	119.7
Dec.	113.9		112.2		112.1		110.5		113.5		121.4	
2019 Jan.	114.5		114.0		113.7		109.8		113.7		120.2	
Feb.	113.2	113.7	114.7	114.2	107.0	110.5	109.1	110.0	113.1	113.4	121.1	119.4
Mar.	113.3		114.0		110.7		111.0		113.4		117.0	
Apr.	113.4		114.0		112.4		109.8		114.3		114.7	
May	113.0	113.9	111.9	113.7	110.6	112.0	112.7	111.1	112.4	113.6	117.2	118.0
June	115.3		115.3		113.0		110.8		114.1		122.0	
July	113.8		114.1		111.9		109.2		114.1		117.6	
Aug.	115.2	114.5	114.6	114.4	112.8	112.8	114.0	111.2	115.3	114.7	118.9	118.0
Sep.	114.5		114.6		113.6		110.4		114.7		117.5	
Oct.	115.5		113.6		115.2		112.5		114.1		121.8	
Nov.	115.9	115.4	114.0	112.8	114.8	114.1	115.0	113.6	114.8	114.9	120.8	121.5
Dec.	114.8		110.8		112.4		113.3		115.8		121.9	
2020 Jan.	113.2		115.2		116.7		85.5		116.4		120.1	
Feb.	111.1	109.6	109.2	110.1	111.6	113.0	87.5	85.6	117.3	117.2	120.1	116.1
Mar.	104.5		106.0		110.8		83.9		117.8		108.1	
Apr.	95.1		96.0		110.8		80.0		109.4		91.1	
May	94.6	95.5	95.5	94.6	107.3	109.0	78.9	80.4	107.0	108.5	91.6	92.1
June	96.9		92.4		108.8		82.3		109.0		93.6	
July	100.1		96.2		110.7		83.6		107.8		96.8	
Aug.	101.3	100.6	100.6	99.0	110.3	109.4	83.0	83.8	109.0	109.2	95.6	95.4
Sep.	100.5		100.1		107.1		84.7		110.7		93.8	
Oct.	104.1		99.6		116.7		84.2		117.2		100.2	
Nov.	102.3	103.4	103.9	104.8	115.9	114.3	82.5	84.1	115.6	115.9	103.4	103.8
Dec.	103.7		111.0		110.4		85.6		115.0		107.7	
2021 Jan.	106.0	4	112.2		114.2		88.0		113.8		113.4	
Feb.	105.6	106.9	109.9	113.0	118.1	116.8	89.5	89.0	111.3	114.1	110.9	113.0
Mar.	109.1		116.8		118.2		89.6		117.3		114.7	
Apr.	108.9		116.2		114.3		91.4		118.7		116.1	
May	111.0	111.6	119.7	119.7	118.8	116.9	91.1	92.0	118.9	119.0	113.3	115.9
June	114.8		123.1		117.5		93.5		119.4		118.2	
July	116.8		124.0		118.5		92.8		119.7		119.9	
Aug.	117.9	117.5	125.4	125.0	120.8	118.9	91.9	92.8	120.5	119.8	119.8	121.1
Sep.	117.7		125.6		117.4		93.7		119.2		123.5	
Oct.	120.4		129.7		120.4		92.9		123.8		124.7	
Nov.	121.6	121.0	134.8	132.1	119.6	121.3	94.4	94.2	127.3	125.8	127.8	127.4
Dec.	121.0		131.9		123.9		95.4		126.3		129.6	
2022 Jan.	122.4	5	137.6		121.2		95.3		126.4		129.7	
Feb.	124.4	124.2	133.5	137.4	129.9	126.1	98.2	96.0	127.5	126.7	131.7	132.3
Mar.	125.8		141.2		127.2		94.5		126.2		135.5	
Apr.	129.1		143.4		126.6		98.3		129.4		137.9	
May	133.7	132.3	149.3	147.8	127.3	127.4	96.6	97.5	132.1	132.0	144.8	141.1
June	134.1		150.6		128.2		97.7		134.4		140.6	
July	135.0		150.1		130.8		99.4		135.0		140.0	
Aug.	134.8	135.0	148.3	148.5	131.0	131.6	96.8	98.4	137.1	136.2	143.7	142.4
Sep.	135.2		147.1		133.1		99.0		136.5		143.5	
Oct.	134.3		146.2		130.8		97.9		137.6		142.1	
Nov.	133.5	133.3	145.5	144.4	131.8	132.8	97.6	97.9	138.1	135.4	144.1	143.8
Dec.	132.0		141.5		135.8		98.3		130.5		145.1	
2023 Jan.	134.9		140.8		131.6		96.6		133.4		165.9	
Feb.	137.1	136.9	140.1	140.9	134.4	134.4	97.9	97.5	135.4	134.9	172.6	171.3
Mar.	138.6		141.7		137.1		98.0		135.8		175.3	
Apr.	137.5		139.6		136.4		101.0		136.2		165.7	
May	142.3	139.8	135.9	136.6	139.9	139.0	100.9	100.7	143.7	141.0	180.3	170.5
June	139.5		134.3		140.8		100.1		143.0		165.6	
July	140.4		135.9		138.5		101.4		145.6		168.1	

Source of the unadjusted figures: Federal Statistical Office. **1** The turnover in the service sector includes the sections transportation and storage, accommodation and food service activities, information and communication, real estate activities, professional, scientific and technical activities as well as administrative and support service activities. The turnover in accommodation and food service activities is measured by an index that is currently labelled experimental and which is not identical with the published relatives of accommodation and food service activities. **2** Figures

partially revised. **3** Classification of Economic Activities, 2008 edition. **4** From 2021 based on monthly survey. Before based on the data of a quarterly survey that have been transformed to monthly figures using administrative data. Due to the recalculation, the estimation of seasonally and calendar-adjusted figures is subject to greater uncertainty. **5** As of January 2022 figures are provisional and partially revised. New reporting sample including new entities; statistical breaks in the reporting sample eliminated by chain-linking.

III. Economic activity and prices

5. Employment and labour market *

(R) seasonally adjusted

Period	Employment (standardised EU definition) ¹		Employment (subject to social security contributions)		Exclusively marginal employment ²		Unemployment, registered (definition of the Federal Employment Agency) ³				Cyclically induced short-time workers (A) ⁴		Vacancies ⁵	
	Thousands						As a percentage of the civilian labour force				Thousands			
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Aug.	44,953	44,937	33,104	33,058	4,653	4,662	2,318	2,315	5.1	5.1	45	38	801	803
Sep.	44,957		33,125		4,642		2,296		5.1		42		806	
Oct.	44,993		33,196		4,633		2,285		5.1		36		802	
Nov.	45,057	45,045	33,241	33,214	4,627	4,631	2,280	2,277	5.0	5.0	36	34	802	803
Dec.	45,084		33,283		4,624		2,266		5.0		30		806	
2019 Jan.	45,136		33,336		4,621		2,267		5.0		29		805	
Feb.	45,173	45,175	33,383	33,354	4,618	4,619	2,248	2,251	5.0	5.0	20	24	807	807
Mar.	45,217		33,402		4,613		2,238		5.0		23		808	
Apr.	45,273		33,458		4,614		2,219		4.9		38		803	
May	45,289	45,281	33,483	33,463	4,603	4,606	2,278	2,258	5.0	5.0	43	42	795	795
June	45,281		33,495		4,590		2,278		5.0		45		789	
July	45,305		33,558		4,579		2,279		5.0		59		779	
Aug.	45,293	45,300	33,592	33,574	4,554	4,566	2,280	2,275	5.0	5.0	68	71	767	768
Sep.	45,303		33,649		4,537		2,267		5.0		87		759	
Oct.	45,329		33,679		4,523		2,279		5.0		102		743	
Nov.	45,357	45,352	33,696	33,687	4,521	4,524	2,272	2,279	5.0	5.0	108	103	731	728
Dec.	45,371		33,725		4,519		2,287		5.0		99		708	
2020 Jan.	45,411		33,775		4,518		2,296		5.0		120		709	
Feb.	45,423	45,380	33,796	33,770	4,514	4,495	2,280	2,284	5.0	5.0	123	937	711	707
Mar.	45,305		33,756		4,388		2,276		5.0		2,569		702	
Apr.	44,940		33,507		4,202		2,631		5.8		5,993		633	
May	44,705	44,773	33,383	33,491	4,186	4,229	2,863	2,807	6.2	6.1	5,710	5,385	587	595
June	44,673		33,412		4,210		2,928		6.4		4,452		564	
July	44,695		33,438		4,243		2,911		6.4		3,319		558	
Aug.	44,722	44,730	33,475	33,459	4,250	4,242	2,897	2,896	6.3	6.3	2,561	2,709	562	563
Sep.	44,774		33,512		4,255		2,880		6.3		2,246		568	
Oct.	44,807		33,585		4,237		2,846		6.2		2,022		586	
Nov.	44,766	44,782	33,632	33,604	4,154	4,194	2,811	2,813	6.1	6.1	2,378	2,358	596	594
Dec.	44,774		33,676		4,124		2,782		6.1		2,674		601	
2021 Jan.	44,734		33,671		4,089		2,764		6.0		3,280		600	
Feb.	44,728	44,750	33,679	33,685	4,073	4,086	2,776	2,767	6.1	6.0	3,345	3,144	601	607
Mar.	44,788		33,734		4,069		2,761		6.0		2,806		620	
Apr.	44,815		33,769		4,051		2,755		6.0		2,558		636	
May	44,841	44,871	33,804	33,795	4,050	4,062	2,731	2,721	6.0	5.9	2,313	2,138	657	660
June	44,958		33,892		4,103		2,678		5.8		1,543		686	
July	45,039		33,948		4,137		2,589		5.6		1,083		724	
Aug.	45,091	45,087	33,996	33,971	4,136	4,131	2,523	2,532	5.5	5.5	868	937	748	747
Sep.	45,131		34,044		4,134		2,486		5.4		861		768	
Oct.	45,162		34,094		4,127		2,447		5.3		766		787	
Nov.	45,229	45,226	34,181	34,141	4,120	4,122	2,410	2,416	5.3	5.3	741	758	803	804
Dec.	45,288		34,252		4,104		2,392		5.2		767		821	
2022 Jan.	45,368		34,329		4,094		2,359		5.1		834		838	
Feb.	45,426	45,431	34,394	34,354	4,097	4,098	2,331	2,334	5.1	5.1	788	778	849	847
Mar.	45,498		34,424		4,100		2,312		5.0		713		854	
Apr.	45,537		34,453		4,107		2,293		5.0		437		863	
May	45,586	45,580	34,506	34,479	4,115	4,110	2,293	2,335	5.0	5.1	295	317	870	867
June	45,616		34,534		4,116		2,417		5.3		220		867	
July	45,601		34,548		4,119		2,467		5.4		118		855	
Aug.	45,634	45,634	34,579	34,568	4,132	4,127	2,489	2,486	5.5	5.4	110	117	851	848
Sep.	45,668		34,618		4,145		2,502		5.5		123		839	
Oct.	45,706		34,621		4,161		2,511		5.5		129		824	
Nov.	45,736	45,739	34,629	34,631	4,164	4,162	2,529	2,520	5.5	5.5	138	135	818	817
Dec.	45,774		34,669		4,174		2,520		5.5		137		808	
2023 Jan.	45,816		34,700		4,186		2,514		5.5		132		809	
Feb.	45,855	45,851	34,746	34,721	4,198	4,190	2,523	2,526	5.5	5.5	140	138	803	801
Mar.	45,883		34,764		4,197		2,542		5.6		142		792	
Apr.	45,906		8 34,763		8 4,192		2,567		5.6		8 139		784	
May	45,927	45,921	8 34,779	34,772	8 4,201	4,199	2,579	2,586	5.6	5.6	8 145	144	771	772
June	10 45,929		8 34,784		8 4,212		2,610		5.7		8 148		761	
July	10 45,946		8 34,792		8 4,215		2,612		5.7		8 141		750	
Aug.	10 45,981	...	...	...	...	...	2,632	2,628	5.7	5.7	...	...	739	740
Sep.	...		...		...		2,642		5.7		...		731	

Sources of the unadjusted figures: Federal Statistical Office, Federal Employment Agency. * For employment (EU definition): averages; employment (subject to social security contributions) and exclusively marginal employment: end-of-month levels; unemployment (registered) and vacancies: mid-month levels; short-time workers: flows; quarterly figures: averages ¹ Workplace concept. ² Earned income does not regularly exceed €450 per month (until December 2012: €400). ³ See explanatory notes. ⁴ Definition in accordance with Section 96 of the Social Security Code (SGB III). ⁵ Excluding government-assisted forms of employment and seasonal jobs, including

jobs located abroad. ⁶ Statistical break due to ex post registration of unemployed persons in the jurisdiction SGB II. ⁷ Inclusion of refugees in need from Ukraine under the SGB II. ⁸ Unadjusted figures estimated by the Federal Employment Agency. The estimates for Germany in 2021 and 2022 deviated from the final figures by a maximum of 0.1 % for employees subject to social contributions, by a maximum of 0.5 % for persons solely in jobs exempt from social contributions and by a maximum of 61.3 % for cyclically induced short-time work. ⁹ As of May 2023, calculated on the basis of updated labour figures. ¹⁰ Initial preliminary estimate by the Federal Statistical Office.

III. Economic activity and prices

6. Labour costs *

2020 = 100

(R) seasonally adjusted

WZ 2008 ²	of which:														Private sector ¹	
	Total		Production sector				Construction		Service activities		Market services sector		Non-market services sector			
	B - S		B - F		C		F		G - S		G - N		O - S				B - N
Period	Index	Change from previous period in % ³	Index	Change from previous period in % ³	Index	Change from previous period in % ³	Index	Change from previous period in % ³	Index	Change from previous period in % ³	Index	Change from previous period in % ³	Index	Change from previous period in % ³	Index	Change from previous period in % ³
Index of labour costs																
2019 Q1	95.6	0.8	96.2	0.4	96.4	0.3	94.9	0.5	95.3	1.0	96.4	1.8	93.9	-0.0	96.3	1.2
Q2	97.3	1.8	97.8	1.6	97.7	1.4	97.5	2.7	97.1	1.9	97.8	1.5	96.3	2.5	97.8	1.5
Q3	97.6	0.2	98.9	1.2	99.6	1.9	95.7	-1.8	96.9	-0.2	97.5	-0.3	96.3	0.0	98.1	0.3
Q4	97.8	0.2	98.3	-0.6	98.3	-1.2	97.9	2.3	97.5	0.6	98.0	0.6	96.9	0.7	98.2	0.1
2020 Q1 ⁴	99.0	1.2	98.6	0.3	98.5	0.2	98.9	1.0	99.1	1.6	99.3	1.3	98.9	2.0	99.0	0.9
Q2	99.3	0.4	98.6	-0.0	98.4	-0.1	99.8	0.9	99.7	0.6	99.5	0.2	99.9	1.1	99.1	0.1
Q3	101.9	2.6	102.8	4.2	103.2	4.9	101.3	1.5	101.6	1.9	101.7	2.2	101.4	1.5	102.2	3.1
Q4	99.8	-2.1	100.0	-2.7	100.0	-3.1	100.0	-1.2	99.7	-1.9	99.6	-2.1	99.8	-1.5	99.8	-2.4
2021 Q1	98.4	-1.4	97.8	-2.2	97.2	-2.8	100.5	0.4	98.7	-1.0	98.5	-1.1	99.0	-0.9	98.2	-1.6
Q2	99.1	0.7	97.8	0.0	96.7	-0.4	102.1	1.6	99.7	1.0	99.5	1.0	99.8	0.9	98.8	0.6
Q3	103.6	4.6	103.9	6.3	103.6	7.1	105.8	3.6	103.5	3.9	103.9	4.4	103.1	3.2	103.9	5.2
Q4	103.1	-0.5	103.2	-0.7	102.8	-0.8	105.2	-0.6	103.0	-0.5	103.3	-0.5	102.7	-0.3	103.2	-0.6
2022 Q1	103.0	-0.0	103.3	0.1	102.0	-0.8	109.2	3.9	102.9	-0.1	103.4	0.1	102.3	-0.4	103.4	0.1
Q2	106.3	3.2	105.7	2.3	104.1	2.1	111.2	1.8	106.6	3.6	108.5	4.9	104.2	1.9	107.3	3.8
Q3	105.8	-0.5	104.6	-1.0	103.2	-0.9	109.8	-1.3	106.3	-0.3	108.0	-0.5	104.1	-0.1	106.5	-0.7
Q4	110.2	4.2	108.6	3.8	106.8	3.5	115.9	5.6	110.9	4.3	113.3	5.0	107.7	3.5	111.3	4.5
2023 Q1	109.0	-1.1	109.2	0.5	107.9	1.0	113.5	-2.1	109.0	-1.7	111.4	-1.7	105.8	-1.8	110.4	-0.8
Q2	110.1	1.0	108.5	-0.7	106.3	-1.4	115.4	1.7	110.8	1.7	112.4	0.9	108.7	2.7	110.7	0.2
Index of gross wages and salaries																
2019 Q1	95.7	0.4	96.4	-0.2	96.6	-0.5	95.3	0.5	95.3	0.7	96.2	1.4	94.0	-0.1	96.3	0.7
Q2	97.5	1.9	98.0	1.7	98.0	1.4	97.9	2.7	97.2	2.0	97.7	1.5	96.6	2.7	97.8	1.6
Q3	97.7	0.3	99.3	1.3	100.1	2.2	95.9	-1.9	97.0	-0.2	97.3	-0.4	96.6	-0.0	98.2	0.4
Q4	97.9	0.2	98.6	-0.8	98.6	-1.5	98.3	2.4	97.7	0.7	98.1	0.7	97.1	0.5	98.3	0.1
2020 Q1 ⁴	99.1	1.2	99.0	0.4	98.8	0.2	99.4	1.1	99.2	1.6	99.4	1.3	98.9	1.9	99.2	0.9
Q2	99.2	0.1	98.3	-0.7	98.1	-0.8	99.5	0.1	99.6	0.4	99.4	0.0	99.9	0.9	98.9	-0.3
Q3	102.0	2.8	102.9	4.6	103.3	5.3	101.2	1.7	101.6	2.0	101.7	2.4	101.4	1.5	102.2	3.4
Q4	99.7	-2.2	99.8	-3.0	99.8	-3.4	99.8	-1.4	99.7	-1.9	99.6	-2.1	99.8	-1.6	99.7	-2.5
2021 Q1	99.3	-0.4	98.8	-1.0	98.3	-1.5	101.5	1.7	99.6	-0.1	99.2	-0.3	100.0	0.2	99.1	-0.6
Q2	99.0	-0.4	97.5	-1.4	96.4	-1.9	101.8	0.3	99.7	0.1	99.5	0.3	99.9	-0.1	98.6	-0.5
Q3	103.7	4.7	104.1	6.8	103.8	7.7	105.7	3.8	103.5	3.8	103.9	4.4	102.9	3.1	104.0	5.4
Q4	102.7	-0.9	102.8	-1.3	102.4	-1.4	104.6	-1.0	102.7	-0.8	103.1	-0.8	102.0	-0.8	102.9	-1.0
2022 Q1	102.1	-0.5	102.6	-0.1	101.5	-1.0	108.2	3.4	101.9	-0.7	102.9	-0.1	100.5	-1.6	102.8	-0.1
Q2	105.1	2.9	104.5	1.8	103.1	1.6	109.6	1.3	105.4	3.4	107.8	4.7	102.1	1.6	106.4	3.5
Q3	104.3	-0.8	103.4	-1.0	102.3	-0.8	107.9	-1.5	104.6	-0.7	106.8	-0.9	101.7	-0.4	105.4	-0.9
Q4	108.5	4.1	107.2	3.6	105.6	3.3	113.8	5.4	109.1	4.3	112.1	5.0	105.1	3.4	110.0	4.4
2023 Q1	107.4	-1.1	108.2	1.0	107.1	1.4	111.7	-1.8	107.0	-1.9	110.1	-1.8	102.8	-2.2	109.3	-0.6
Q2	109.2	1.7	107.5	-0.6	105.6	-1.5	113.7	1.8	109.9	2.7	111.7	1.5	107.5	4.5	109.9	0.6
Index of non-wage costs																
2019 Q1	95.4	2.2	95.4	2.7	95.4	3.1	93.6	0.6	95.3	1.9	97.0	3.4	93.6	0.3	96.3	3.1
Q2	96.8	1.5	96.9	1.5	96.5	1.2	96.3	2.8	96.7	1.5	98.1	1.2	95.3	1.8	97.6	1.3
Q3	96.9	0.2	97.4	0.6	97.6	1.1	95.0	-1.3	96.7	-0.0	98.0	-0.1	95.4	0.1	97.8	0.2
Q4	97.3	0.3	97.5	0.1	97.4	-0.2	96.6	1.7	97.2	0.4	97.9	-0.1	96.4	1.0	97.7	-0.0
2020 Q1 ⁴	98.4	1.2	97.3	-0.2	97.3	-0.0	97.1	0.4	98.8	1.7	99.0	1.1	98.6	2.3	98.3	0.5
Q2	99.9	1.5	99.6	2.3	99.3	2.1	100.8	3.9	100.0	1.2	100.0	0.9	100.0	1.4	99.8	1.6
Q3	101.7	1.9	102.4	2.8	102.6	3.3	101.4	0.6	101.5	1.5	101.5	1.6	101.4	1.4	101.9	2.1
Q4	100.0	-1.7	100.7	-1.6	100.7	-1.9	100.7	-0.7	99.7	-1.8	99.5	-2.0	100.0	-1.4	100.0	-1.8
2021 Q1	95.3	-4.8	93.9	-6.7	93.2	-7.5	96.7	-4.0	95.8	-3.9	95.5	-3.9	96.1	-3.9	94.8	-5.2
Q2	99.4	4.4	98.8	5.2	97.9	5.0	102.9	6.4	99.7	4.1	99.6	4.3	99.8	3.9	99.3	4.7
Q3	103.5	4.1	103.4	4.6	102.8	5.0	106.0	3.0	103.6	3.9	103.7	4.1	103.4	3.6	103.6	4.3
Q4	104.4	0.9	104.7	1.3	104.2	1.3	107.1	1.0	104.3	0.7	104.1	0.4	104.6	1.1	104.4	0.8
2022 Q1	106.2	1.6	105.7	0.9	103.7	-0.4	112.9	5.4	106.4	1.9	105.2	1.1	107.5	2.8	105.4	1.0
Q2	110.5	4.1	109.9	4.0	107.8	3.9	117.1	3.8	110.8	4.2	111.4	5.8	110.2	2.5	110.7	5.0
Q3	110.9	0.3	108.9	-1.0	106.6	-1.1	116.4	-0.7	111.7	0.8	112.5	1.0	110.9	0.6	110.8	0.1
Q4	115.9	4.5	113.8	4.6	111.2	4.3	123.6	6.2	116.7	4.5	118.1	5.0	115.3	4.0	116.2	4.8
2023 Q1	114.7	-1.0	112.6	-1.1	110.6	-0.6	120.0	-2.9	115.5	-1.0	116.6	-1.2	114.4	-0.8	114.8	-1.1
Q2	113.1	-1.4	111.8	-0.8	109.2	-1.3	121.5	1.3	113.7	-1.6	115.2	-1.3	112.2	-1.9	113.6	-1.0

Source of the unadjusted figures: Federal Statistical Office. * Labour costs per hour worked, including special payments, employers' social contributions, excluding grants to employers (for example, subsidies linked to employing the long-term unemployed); figures calculated on the basis of indices with three decimal places. ¹ Production and

market services sectors. ² Classification of Economic Activities, 2008 edition. ³ Calculated on the basis of indices with three decimal places. ⁴ Figures partially revised as of Q1 2020.

III. Economic activity and prices

7. Producer and harmonised index of consumer prices

2015 = 100

seasonally adjusted

Percentage weight	Producer price index 1			Harmonised index of consumer prices						
	Of industrial products		Of agricultural products	Total 2 (R)	of which:				Housing rents	
	Total 2	Total excluding energy sources 3			Food (including alcoholic beverages and tobacco)	Non-energy industrial goods (R)	Energy	Services (R)		
										of which:
	100.00	76.97	100.00	100.00	16.66	28.28	9.70	45.36	7.28	
Period										
2020 Q2	103.0	104.9	109.5	106.2	112.1	104.9	98.2	106.9	107.5	
Q3	103.3	104.8	105.9	105.5	110.3	103.3	97.5	107.0	107.8	
Q4	104.3	105.4	104.6	105.5	110.5	103.3	96.8	107.1	108.1	
2021 Q1	107.0	107.2	109.6	107.6	112.5	105.7	104.3	107.8	108.4	
Q2	110.2	110.0	116.1	108.5	114.0	106.0	106.8	108.5	108.8	
Q3	115.9	113.2	118.7	109.7	114.7	107.2	109.5	109.5	109.2	
Q4	125.7	115.7	125.3	111.1	115.4	108.0	115.4	110.2	109.6	
2022 Q1	136.2	120.8	138.2	114.2	117.8	109.5	132.4	110.9	110.0	
Q2	146.9	127.4	158.4	117.5	123.6	111.7	145.7	111.4	110.5	
Q3	165.7	129.0	161.2	120.0	129.5	113.8	151.7	111.9	111.1	
Q4	160.9	130.2	167.2	123.1	133.9	115.9	157.3	114.6	111.6	
2023 Q1	152.8	132.3	5 159.1	124.3	138.6	117.6	154.9	115.9	112.2	
Q2	149.4	132.0	148.5	125.5	140.7	118.9	154.6	117.0	112.8	
Q3	147.1	130.9	...	126.5	141.6	119.8	155.9	118.0	113.4	
2020 Jan.	105.3	105.6	113.9	106.3	110.0	104.7	104.9	106.4	106.9	
Feb.	104.9	105.6	114.4	106.4	110.6	104.8	103.9	106.6	107.1	
Mar.	104.0	105.4	112.7	106.2	110.7	104.8	101.6	106.6	107.2	
Apr.	103.2	105.0	111.0	106.1	111.6	104.8	98.6	106.9	107.4	
May	102.8	104.8	108.2	106.1	112.1	105.0	97.4	106.8	107.4	
June	102.9	104.8	109.4	106.4	112.6	104.9	98.7	107.1	107.6	
July	103.1	104.7	107.3	4 105.5	4 110.4	4 103.3	4 98.0	4 107.0	107.7	
Aug.	103.2	104.7	105.5	4 105.5	4 110.4	4 103.4	4 97.6	4 107.0	107.8	
Sep.	103.6	104.9	104.9	4 105.4	4 110.2	4 103.3	4 96.9	4 107.1	107.9	
Oct.	103.8	105.1	105.1	4 105.5	4 110.6	4 103.4	4 97.0	4 107.0	108.0	
Nov.	104.1	105.4	104.5	4 105.4	4 110.8	4 103.4	4 96.0	4 107.1	108.1	
Dec.	104.9	105.7	104.3	4 105.5	4 110.2	4 103.1	4 97.4	4 107.3	108.2	
2021 Jan.	106.3	106.6	107.3	107.3	112.1	105.7	102.6	107.6	108.3	
Feb.	106.9	107.0	108.8	107.6	112.5	105.9	104.1	107.8	108.4	
Mar.	107.8	107.9	112.8	107.9	112.8	105.4	106.2	108.0	108.6	
Apr.	108.7	108.8	113.9	108.2	113.9	105.4	106.1	108.2	108.7	
May	110.3	110.0	117.4	108.5	113.9	106.0	106.7	108.5	108.8	
June	111.7	111.1	117.1	108.9	114.1	106.5	107.6	108.8	108.9	
July	113.8	112.4	117.0	109.5	114.6	107.1	109.0	109.3	109.1	
Aug.	115.5	113.4	119.7	109.7	114.7	107.1	109.4	109.5	109.2	
Sep.	118.3	113.9	119.3	109.9	114.8	107.4	110.1	109.6	109.3	
Oct.	122.9	114.8	122.3	110.6	114.9	107.5	114.6	109.8	109.5	
Nov.	124.0	115.8	126.3	111.3	115.3	108.0	116.7	110.3	109.6	
Dec.	130.3	116.5	127.4	111.4	116.0	108.4	115.0	110.6	109.7	
2022 Jan.	132.9	119.2	129.7	112.8	117.0	109.0	123.7	110.7	109.8	
Feb.	134.6	120.2	133.2	113.5	117.6	109.5	127.4	110.8	110.0	
Mar.	141.1	122.9	151.8	116.2	118.7	110.1	146.1	111.1	110.2	
Apr.	145.0	126.4	159.3	116.7	121.5	110.8	142.7	111.6	110.3	
May	147.3	127.7	159.0	118.0	123.8	111.9	146.7	112.0	110.6	
June	148.3	128.0	156.8	117.9	125.4	112.5	147.8	110.5	110.7	
July	156.2	128.5	156.2	118.7	127.7	113.3	147.8	110.9	110.9	
Aug.	168.5	129.0	161.2	119.3	129.5	113.7	148.6	111.3	111.1	
Sep.	172.5	129.6	166.2	122.0	131.3	114.4	158.8	113.5	111.3	
Oct.	165.3	130.2	168.9	123.4	132.7	115.3	164.5	114.1	111.4	
Nov.	158.9	130.2	166.9	123.9	134.1	115.9	163.5	114.6	111.6	
Dec.	158.4	130.3	165.7	122.1	135.0	116.4	143.9	115.0	111.8	
2023 Jan.	154.9	131.9	5 162.8	123.5	136.4	117.1	154.8	115.3	112.0	
Feb.	152.8	132.3	160.7	124.3	138.7	117.6	154.9	115.9	112.2	
Mar.	150.6	132.6	153.7	125.1	140.8	118.1	155.0	116.5	112.4	
Apr.	151.0	132.5	149.3	125.5	140.2	118.5	156.1	117.1	112.6	
May	148.7	131.9	147.1	125.2	140.6	118.8	154.0	116.5	112.8	
June	148.5	131.7	149.2	125.9	141.2	119.4	153.7	117.4	113.0	
July	146.9	131.2	150.7	126.0	141.4	119.6	153.6	117.5	113.2	
Aug.	147.3	130.8	152.5	126.6	141.4	120.0	156.5	118.1	113.5	
Sep.	147.1	130.7	...	127.0	142.0	119.9	157.6	118.4	113.6	

Source of the unadjusted figures: Federal Statistical Office. 1 Domestic sales; excluding value added tax. 2 Derived from seasonally adjusted components, subindex of energy and energy sources, respectively, not seasonally adjusted as of 2010. 3 Energy sources

include refined petroleum and coke oven products, crude petroleum, electricity, gas, coal and district heating (Bundesbank calculation). 4 Influenced by a reduction of value added tax. 5 Figures as of January 2023 provisional.

III. Economic activity and prices

8. Foreign trade prices

2015 = 100

seasonally adjusted

Period	Exports				Imports				Terms of trade 1			
	Total 2		Total excluding energy		Total 2		Total excluding energy		Total 2		Total excluding energy	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Jan.	101.1		101.0		101.4		100.2		99.7		100.8	
Feb.	101.0	101.0	101.0	101.0	100.7	100.9	100.0	100.0	100.3	100.2	101.0	101.0
Mar.	101.0		100.9		100.5		99.8		100.5		101.1	
Apr.	101.1		101.0		101.1		99.9		100.0		101.1	
May	101.7	101.6	101.4	101.4	102.7	102.4	100.6	100.5	99.0	99.2	100.8	100.8
June	102.0		101.7		103.3		101.1		98.7		100.6	
July	102.1		101.7		103.3		101.0		98.8		100.7	
Aug.	102.4	102.4	101.9	101.9	103.5	103.6	101.2	101.1	98.9	98.8	100.7	100.8
Sep.	102.6		102.0		104.0		101.1		98.7		100.9	
Oct.	102.7		102.1		105.0		101.3		97.8		100.8	
Nov.	102.6	102.5	102.1	102.1	103.9	103.8	101.3	101.2	98.7	98.7	100.8	100.9
Dec.	102.3		102.1		102.6		101.1		99.7		101.0	
2019 Jan.	102.2		102.0		102.2		100.9		100.0		101.1	
Feb.	102.2	102.3	102.1	102.1	102.3	102.2	100.9	100.9	99.9	100.0	101.2	101.2
Mar.	102.4		102.3		102.2		100.9		100.2		101.4	
Apr.	102.4		102.3		102.5		101.0		99.9		101.3	
May	102.3	102.3	102.2	102.3	102.4	102.1	100.9	100.9	99.9	100.2	101.3	101.3
June	102.2		102.3		101.4		100.9		100.8		101.4	
July	102.4		102.4		101.1		100.8		101.3		101.6	
Aug.	102.4	102.4	102.5	102.5	100.6	101.0	100.8	100.9	101.8	101.4	101.7	101.6
Sep.	102.5		102.5		101.3		101.0		101.2		101.5	
Oct.	102.4		102.5		101.2		100.8		101.2		101.7	
Nov.	102.6	102.6	102.6	102.6	101.7	101.6	100.8	100.8	100.9	101.0	101.8	101.8
Dec.	102.7		102.7		101.9		100.8		100.8		101.9	
2020 Jan.	102.7		102.8		101.3		100.7		101.4		102.1	
Feb.	102.6	102.4	102.9	102.7	100.2	99.4	100.8	100.5	102.4	103.1	102.1	102.2
Mar.	101.8		102.5		96.6		100.0		105.4		102.5	
Apr.	101.3		102.3		94.9		99.8		106.7		102.5	
May	101.1	101.2	102.1	102.1	95.2	95.4	99.6	99.6	106.2	106.1	102.5	102.5
June	101.2		102.0		96.0		99.5		105.4		102.5	
July	101.1		101.8		96.6		99.5		104.7		102.3	
Aug.	101.3	101.3	101.9	101.9	96.7	96.7	99.4	99.5	104.8	104.7	102.5	102.3
Sep.	101.4		101.9		96.9		99.7		104.6		102.2	
Oct.	101.5		102.0		97.3		99.8		104.3		102.2	
Nov.	101.9	101.9	102.3	102.3	97.8	97.8	100.0	99.9	104.2	104.1	102.3	102.3
Dec.	102.2		102.5		98.4		100.0		103.9		102.5	
2021 Jan.	102.8		102.9		100.2		101.1		102.6		101.8	
Feb.	103.3	103.3	103.3	103.4	101.6	101.7	101.8	102.0	101.7	101.7	101.5	101.4
Mar.	103.9		103.9		103.2		103.0		100.7		100.9	
Apr.	104.7		104.6		104.6		104.5		100.1		100.1	
May	105.5	105.5	105.3	105.3	106.5	106.6	105.6	105.6	99.1	99.0	99.7	99.7
June	106.3		105.9		108.6		106.7		97.9		99.3	
July	107.6		107.0		111.1		108.3		96.8		98.8	
Aug.	108.5	108.5	107.7	107.6	112.6	112.6	109.3	109.1	96.4	96.4	98.5	98.6
Sep.	109.5		108.1		114.1		109.8		96.0		98.5	
Oct.	111.1		109.0		118.5		111.0		93.8		98.2	
Nov.	112.1	112.2	109.9	109.8	121.9	120.8	112.2	112.1	92.0	92.9	98.0	98.0
Dec.	113.3		110.6		122.0		113.1		92.9		97.8	
2022 Jan.	115.0		112.7		127.1		115.7		90.5		97.4	
Feb.	116.2	117.3	113.7	114.0	128.4	130.3	116.7	117.3	90.5	90.0	97.4	97.2
Mar.	120.6		115.7		135.5		119.6		89.0		96.7	
Apr.	121.5		117.8		137.9		122.4		88.1		96.2	
May	122.2	122.4	118.5	118.4	139.2	139.3	123.1	122.9	87.8	87.8	96.3	96.4
June	123.4		118.9		140.8		123.1		87.6		96.6	
July	125.9		119.9		143.0		123.4		88.0		97.2	
Aug.	128.7	127.5	120.6	120.5	149.4	146.8	123.7	123.7	86.1	86.8	97.5	97.5
Sep.	127.9		121.1		148.0		123.9		86.4		97.7	
Oct.	125.6		121.5		146.2		124.0		85.9		98.0	
Nov.	125.1	125.4	121.3	121.3	139.7	141.1	123.1	123.2	89.5	88.9	98.5	98.5
Dec.	125.4		121.1		137.4		122.4		91.3		98.9	
2023 Jan.	124.1		122.0		135.4		122.9		91.7		99.3	
Feb.	123.7	123.7	121.9	121.9	132.0	132.6	122.9	122.8	93.7	93.3	99.2	99.3
Mar.	123.3		121.9		130.4		122.5		94.6		99.5	
Apr.	122.8		121.4		128.2		121.6		95.8		99.8	
May	122.3	122.5	121.3	121.3	126.4	126.5	121.0	121.0	96.8	96.9	100.2	100.2
June	122.4		121.3		124.8		120.5		98.1		100.7	
July	122.0		120.9		124.2		119.6		98.2		101.1	
Aug.	122.1	...	120.6	...	124.7	...	119.4	...	97.9	...	101.0	...

Source of the unadjusted figures: Federal Statistical Office. 1 Index of export prices as a percentage of the index of import prices. 2 Subindex of energy not seasonally adjusted as of 2010.

IV. External sector

1. Current account

a) Current account

€ billion seasonally adjusted +

Period	Total (R)		of which:							
	monthly	quarterly	Goods 1 (R)		Services		Primary income 2		Secondary income 3	
			monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Apr.	23.84		20.30		-1.21		8.15		-3.40	
May	26.30	74.68	21.77	61.91	-0.98	-3.76	8.67	27.19	-3.16	-10.66
June	24.54		19.84		-1.57		10.37		-4.10	
July	17.28		14.53		-1.95		9.61		-4.91	
Aug.	23.63	61.78	18.72	49.74	-1.09	-4.10	9.93	29.54	-3.93	-13.40
Sep.	20.87		16.49		-1.06		10.00		-4.56	
Oct.	21.57		16.92		-0.95		10.35		-4.75	
Nov.	19.53	60.13	15.31	49.51	-0.72	-4.32	10.27	30.49	-5.33	-15.55
Dec.	19.03		17.28		-2.65		9.87		-5.47	
2019 Jan.	25.71		18.36		-1.21		12.46		-3.90	
Feb.	22.06	75.20	17.46	56.44	-1.02	-3.03	11.18	35.05	-5.56	-13.26
Mar.	27.43		20.62		-0.80		11.41		-3.80	
Apr.	23.67		16.82		-0.94		12.19		-4.40	
May	25.45	71.44	18.14	52.81	0.24	-2.81	10.34	33.71	-3.27	-12.27
June	22.32		17.85		-2.11		11.18		-4.60	
July	23.73		18.28		-1.22		10.96		-4.29	
Aug.	26.13	74.60	20.14	57.23	-0.61	-2.51	10.72	32.65	-4.12	-12.77
Sep.	24.74		18.81		-0.68		10.97		-4.36	
Oct.	23.48		19.54		-1.91		10.45		-4.60	
Nov.	24.87	70.08	17.97	56.19	-0.45	-4.96	9.95	30.06	-2.60	-11.21
Dec.	21.73		18.68		-2.60		9.66		-4.01	
2020 Jan.	19.17		18.25		-2.04		9.01		-6.05	
Feb.	21.67	58.46	20.32	51.22	-2.90	-5.37	7.81	25.10	-3.56	-12.49
Mar.	17.62		12.65		-0.43		8.28		-2.88	
Apr.	10.81		3.92		2.18		9.72		-5.01	
May	12.76	41.15	9.87	27.45	0.81	5.19	8.52	22.25	-6.44	-13.74
June	17.58		13.66		2.20		4.01		-2.29	
July	20.89		17.73		-0.27		6.58		-3.15	
Aug.	21.93	63.07	18.00	53.30	-0.22	-0.32	7.65	20.89	-3.50	-10.80
Sep.	20.25		17.57		0.17		6.66		-4.15	
Oct.	24.10		18.86		2.35		6.94		-4.05	
Nov.	22.35	72.82	17.80	56.80	2.67	6.77	8.38	24.89	-6.50	-15.64
Dec.	26.37		20.14		1.75		9.57		-5.09	
2021 Jan.	29.76		21.79		1.60		9.73		-3.36	
Feb.	23.75	77.01	17.17	54.63	1.62	5.09	10.16	30.32	-5.20	-13.03
Mar.	23.50		15.67		1.87		10.43		-4.47	
Apr.	25.47		16.50		3.67		9.72		-4.42	
May	25.64	72.90	16.81	47.59	1.95	6.16	11.73	32.38	-4.85	-13.23
June	21.79		14.28		0.54		10.93		-3.96	
July	23.40		17.09		0.66		10.70		-5.05	
Aug.	23.99	69.83	15.94	47.53	0.41	1.21	12.16	36.27	-4.52	-15.18
Sep.	22.44		14.50		0.14		13.41		-5.61	
Oct.	21.44		15.47		-2.01		12.83		-4.85	
Nov.	21.02	61.70	13.79	40.38	-0.97	-3.17	12.89	37.89	-4.69	-13.40
Dec.	19.24		11.12		-0.19		12.17		-3.86	
2022 Jan.	4 21.33		4 12.46		0.91		12.59		-4.63	
Feb.	22.19	51.97	13.38	29.46	0.91	0.82	12.70	37.67	-4.80	-15.98
Mar.	8.45		3.62		-1.00		12.38		-6.55	
Apr.	11.71		6.68		-2.71		13.54		-5.80	
May	13.33	37.49	10.60	26.75	-2.88	-8.02	11.93	38.60	-6.32	-19.84
June	12.45		9.47		-2.43		13.13		-7.72	
July	11.53		7.73		-2.90		12.71		-6.01	
Aug.	6.89	26.80	4.50	18.64	-4.28	-11.74	12.74	37.01	-6.07	-17.11
Sep.	8.38		6.41		-4.56		11.56		-5.03	
Oct.	13.91		8.70		-2.37		12.04		-4.46	
Nov.	17.03	47.19	13.50	36.37	-4.08	-10.60	12.30	36.55	-4.69	-15.13
Dec.	16.25		14.17		-4.15		12.21		-5.98	
2023 Jan.	19.24		16.33		-2.87		9.90		-4.12	
Feb.	20.75	57.98	16.83	48.41	-4.35	-10.45	13.63	37.23	-5.36	-17.21
Mar.	17.99		15.25		-3.23		13.70		-7.73	
Apr.	23.85		19.33		-6.00		15.86		-5.34	
May	21.87	68.12	17.08	56.69	-6.14	-17.39	15.54	44.07	-4.61	-15.25
June	22.40		20.28		-5.25		12.67		-5.30	
July	21.45		18.67		-5.03		12.34		-4.53	
Aug.	21.53	...	16.33	...	p -5.04	...	p 14.80	...	p -4.56	...

+ The seasonally adjusted series of balances are subject to much greater uncertainty than the basic series from which they are derived. **1** Foreign trade on f.o.b./c.i.f. basis including supplementary trade items and merchanting trade (see Table V.1.b). **2** Investment income, compensation of employees and other primary income (includes

rent, taxes on production and imports transferred to the EU as well as subsidies received from the EU). **3** Previously known as current transfers. **4** Figures as of January 2022 provisional and partially revised.

IV. External sector

1. Current account

b) Exports and imports of goods and its components *

€ billion													seasonally adjusted	
Period	Goods (f.o.b.) ¹			of which:								Supplementary trade items		Balance of net exports of goods under merchandising
	Exports (R)	Imports	Balance ² (R)	Foreign trade				Balance ²		To exports (R)	To imports			
				Exports (f.o.b.)		Imports (c.i.f.)		Value	Volume ³					
				Value	Volume ³	Value	Volume ³							
2019 Q3	328.64	271.41	57.23	332.27	324.38	275.02	272.30	57.24	52.08	-14.21	-6.94	6.57		
Q4	327.81	271.62	56.19	334.71	326.33	275.72	271.38	59.00	54.95	-17.33	-7.77	7.39		
2020 Q1	319.76	268.54	51.22	323.71	316.17	272.39	274.07	51.32	42.10	-14.19	-9.06	6.56		
Q2	249.18	221.73	27.45	253.09	250.10	227.20	238.20	25.87	11.90	-12.63	-9.98	4.05		
Q3	299.06	245.76	53.30	304.47	300.66	255.05	263.65	49.43	37.01	-13.46	-13.25	3.56		
Q4	314.97	258.17	56.80	319.37	313.50	267.59	273.50	51.79	40.00	-14.43	-13.90	6.05		
2021 Q1	326.78	272.15	54.63	333.23	322.47	279.40	274.71	53.83	47.76	-13.84	-11.95	4.72		
Q2	334.76	287.17	47.59	339.31	321.63	295.48	277.29	43.81	44.34	-13.88	-14.29	6.55		
Q3	334.68	287.15	47.53	339.38	312.74	295.95	262.85	43.42	49.89	-12.26	-13.47	5.32		
Q4	357.29	316.91	40.38	356.46	317.78	325.73	269.58	30.74	48.20	-8.71	-13.77	7.01		
2022 Q1 ⁴	363.17	333.71	29.46	370.79	316.29	346.03	265.44	24.76	50.85	-17.41	-18.03	7.16		
Q2	387.14	360.39	26.75	393.69	321.72	379.90	272.73	13.80	48.99	-18.74	-25.68	8.88		
Q3	398.02	379.38	18.64	401.97	315.25	391.54	266.72	10.43	48.53	-15.73	-16.77	9.05		
Q4	394.83	358.46	36.37	400.44	319.41	370.03	262.19	30.41	57.22	-15.35	-16.85	7.02		
2023 Q1	391.39	342.98	48.41	398.14	321.86	352.48	265.87	45.65	55.99	-17.56	-13.06	8.09		
Q2	390.45	333.76	56.69	394.29	321.87	344.93	272.76	49.35	49.11	-16.68	-15.12	10.03		
2019 Nov.	108.11	90.14	17.97	110.79	107.98	91.79	90.26	19.01	17.72	-5.72	-2.83	2.08		
Dec.	109.12	90.44	18.68	111.47	108.54	91.54	89.83	19.93	18.71	-6.17	-2.53	2.98		
2020 Jan.	109.80	91.55	18.25	111.17	108.25	93.22	92.02	17.95	16.23	-4.64	-3.14	2.16		
Feb.	111.61	91.29	20.32	112.77	109.91	92.15	91.97	20.62	17.94	-5.06	-2.41	2.33		
Mar.	98.35	85.70	12.65	99.77	98.01	87.02	90.08	12.75	7.93	-4.49	-3.51	2.07		
Apr.	74.38	70.46	3.92	75.81	74.84	72.58	76.48	3.23	-1.64	-4.75	-4.28	1.40		
May	82.56	72.69	9.87	83.07	82.17	74.54	78.30	8.52	3.87	-3.19	-3.00	1.15		
June	92.24	78.58	13.66	94.21	93.09	80.08	83.42	14.12	9.67	-4.69	-2.70	1.50		
July	96.80	79.07	17.73	99.01	97.93	81.86	84.74	17.16	13.19	-4.70	-4.51	1.07		
Aug.	100.79	82.79	18.00	101.54	100.24	85.99	88.92	15.55	11.32	-4.08	-4.40	1.47		
Sep.	101.47	83.90	17.57	103.92	102.49	87.20	89.99	16.72	12.50	-4.68	-4.34	1.02		
Oct.	102.61	83.75	18.86	104.66	103.11	86.40	88.80	18.26	14.31	-4.48	-3.92	1.24		
Nov.	105.25	87.45	17.80	107.07	105.07	90.76	92.80	16.31	12.27	-4.80	-4.92	1.54		
Dec.	107.11	86.97	20.14	107.64	105.32	90.43	91.90	17.22	13.42	-5.15	-5.06	3.27		
2021 Jan.	107.59	85.80	21.79	110.05	107.05	88.53	88.35	21.52	18.70	-4.49	-4.02	1.17		
Feb.	107.37	90.20	17.17	110.09	106.57	92.64	91.18	17.45	15.39	-4.51	-3.90	1.01		
Mar.	111.82	96.15	15.67	113.09	108.85	98.23	95.18	14.86	13.67	-4.84	-4.03	2.54		
Apr.	110.95	94.45	16.50	112.63	107.57	97.12	92.85	15.51	14.72	-4.64	-4.73	1.99		
May	113.18	96.37	16.81	113.75	107.82	98.75	92.72	14.99	15.10	-4.57	-4.40	3.14		
June	110.63	96.35	14.28	112.93	106.24	99.61	91.72	13.31	14.52	-4.67	-5.16	1.42		
July	112.74	95.65	17.09	114.95	106.83	98.24	88.42	16.71	18.41	-4.32	-4.07	1.34		
Aug.	110.69	94.75	15.94	112.61	103.79	98.75	87.70	13.86	16.09	-4.35	-5.80	1.71		
Sep.	111.25	96.75	14.50	111.82	102.12	98.96	86.73	12.85	15.39	-3.59	-3.60	2.27		
Oct.	116.21	100.74	15.47	116.98	105.29	104.04	87.80	12.94	17.49	-3.67	-4.78	2.11		
Nov.	119.67	105.88	13.79	119.21	106.34	108.35	88.88	10.86	17.46	-3.23	-4.15	2.68		
Dec.	121.41	110.29	11.12	120.27	106.15	113.34	92.90	6.94	13.25	-1.81	-4.84	2.22		
2022 Jan. ⁴	117.39	104.93	12.46	120.29	104.60	109.15	85.88	11.14	18.72	-5.44	-5.64	1.73		
Feb.	125.20	111.82	13.38	127.00	116.17	109.29	90.48	10.84	18.81	-5.49	-6.08	2.89		
Mar.	120.58	116.96	3.62	123.50	102.40	120.71	89.08	2.78	13.32	-6.48	-6.31	2.54		
Apr.	126.03	119.35	6.68	128.52	105.78	125.49	91.00	3.03	14.78	-6.69	-8.63	3.13		
May	129.99	119.39	10.60	131.41	107.54	127.00	91.24	4.42	16.30	-5.62	-9.92	2.79		
June	131.12	121.65	9.47	133.76	108.40	127.41	90.49	6.35	17.91	-6.43	-7.13	2.96		
July	131.04	123.31	7.73	131.67	104.58	127.49	89.15	4.17	15.43	-5.17	-5.76	3.73		
Aug.	134.32	129.82	4.50	135.82	105.53	133.83	89.58	1.99	15.95	-5.25	-5.41	2.85		
Sep.	132.66	126.25	6.41	134.48	105.14	130.22	87.99	4.27	17.15	-5.31	-5.60	2.47		
Oct.	133.07	124.37	8.70	135.83	108.14	128.39	87.82	7.45	20.32	-5.97	-5.90	2.23		
Nov.	134.27	120.77	13.50	136.42	109.05	125.04	89.51	11.37	19.54	-5.38	-6.32	2.34		
Dec.	127.49	113.32	14.17	128.19	102.22	116.60	84.86	11.59	17.36	-4.00	-4.63	2.45		
2023 Jan.	129.41	113.08	16.33	131.74	106.16	116.80	86.26	14.93	19.90	-5.36	-5.00	2.22		
Feb.	134.32	117.49	16.83	137.05	110.79	121.14	91.77	15.91	19.02	-6.06	-4.79	2.61		
Mar.	127.66	112.41	15.25	129.35	104.91	114.54	87.84	14.81	17.07	-6.14	-3.27	3.26		
Apr.	130.54	111.21	19.33	131.06	106.73	114.96	89.67	16.10	17.06	-5.03	-4.71	3.78		
May	129.13	112.05	17.08	131.27	107.33	116.70	92.33	14.57	15.00	-6.11	-6.49	2.84		
June	130.78	110.50	20.28	131.96	107.81	113.27	90.76	18.68	17.05	-5.54	-3.92	3.41		
July	127.08	108.41	18.67	129.50	106.15	111.82	90.03	17.68	16.12	-6.92	-4.27	3.50		
Aug.	124.38	108.05	16.33	128.13	104.94	111.62	89.51	16.51	15.43	-7.06	-4.63	2.40		

Source of the unadjusted figures for foreign trade: Federal Statistical Office. * Figures at current prices, foreign trade also in volumes. ¹ Including non-monetary gold. ² The seasonally adjusted series of balances are subject to much greater uncertainty than the

basic series from which they are derived. ³ Calculated using price indices on the basis of 2015 = 100. ⁴ Figures as of January 2022 provisional and partially revised.

IV. External sector

1. Current account

c) Services and primary income

€ billion

seasonally adjusted

Period	Services (f.o.b.)								Primary income ¹							
	Total				of which:				Total				of which:			
	Receipts		Expenditure ²		Travel		Receipts		Expenditure		Receipts		Expenditure		Investment income	
					Receipts	Expenditure									Receipts	Expenditure
monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	
2018 Apr.	24.27		25.48		3.06		6.30		19.83		11.68		18.06		9.90	
May	25.38	74.00	26.36	77.76	2.99	9.05	6.62	19.26	20.11	60.53	11.44	33.34	18.22	55.03	9.59	27.93
June	24.35		25.92		3.00		6.34		20.59		10.22		18.75		8.44	
July	24.96		26.91		3.03		7.31		20.25		10.64		18.35		8.81	
Aug.	25.84	76.57	26.93	80.67	2.99	9.13	6.37	20.41	20.30	60.93	10.37	31.39	18.49	55.26	8.63	25.95
Sep.	25.77		26.83		3.11		6.73		20.38		10.38		18.42		8.51	
Oct.	25.90		26.85		2.97		6.54		20.62		10.27		18.78		8.30	
Nov.	27.60	79.73	28.32	84.05	3.04	9.13	7.18	22.05	21.00	61.65	10.73	31.16	19.03	56.43	8.82	25.43
Dec.	26.23		28.88		3.12		8.33		20.03		10.16		18.62		8.31	
2019 Jan.	26.40		27.61		3.06		6.70		22.28		9.82		20.23		7.87	
Feb.	26.88	80.49	27.90	83.52	3.15	9.35	6.80	20.09	21.88	65.86	10.70	30.81	19.95	59.97	8.81	25.06
Mar.	27.21		28.01		3.14		6.59		21.70		10.29		19.79		8.38	
Apr.	27.84		28.78		3.27		7.12		21.90		9.71		20.04		7.86	
May	27.89	82.32	27.65	85.13	3.02	9.44	6.36	20.56	21.97	65.48	11.63	31.77	19.93	59.61	9.68	26.20
June	26.59		28.70		3.15		7.08		21.61		10.43		19.64		8.66	
July	27.51		28.73		3.08		7.21		20.92		9.96		19.07		8.06	
Aug.	27.69	82.85	28.30	85.36	3.13	9.27	6.84	20.76	20.77	62.22	10.05	29.57	18.89	56.65	8.00	23.68
Sep.	27.65		28.33		3.06		6.71		20.53		9.56		18.69		7.62	
Oct.	27.56		29.47		3.05		7.37		19.83		9.38		17.96		7.46	
Nov.	27.80	82.91	28.25	87.87	3.17	9.36	6.66	21.65	19.35	58.14	9.40	28.08	17.54	52.34	7.52	22.38
Dec.	27.55		30.15		3.14		7.62		18.96		9.30		16.84		7.40	
2020 Jan.	28.13		30.17		3.05		8.02		17.80		8.79		15.90		6.87	
Feb.	27.51	80.62	30.41	85.99	3.14	8.21	7.94	20.58	17.45	52.23	9.64	27.13	15.49	46.52	7.82	21.51
Mar.	24.98		25.41		2.02		4.62		16.98		8.70		15.13		6.82	
Apr.	22.84		20.66		0.78		0.54		16.25		6.53		14.53		4.76	
May	21.34	66.92	20.53	61.73	0.79	2.75	0.55	2.39	16.03	48.37	7.51	26.12	14.02	42.91	5.84	21.01
June	22.74		20.54		1.18		1.30		16.09		12.08		14.36		10.41	
July	23.09		23.36		1.64		3.20		16.28		9.70		14.57		8.04	
Aug.	23.31	69.62	23.53	69.94	1.83	5.22	3.30	9.52	16.55	49.30	8.90	28.41	14.78	44.07	7.33	23.57
Sep.	23.22		23.05		1.75		3.02		16.47		9.81		14.72		8.20	
Oct.	24.75		22.40		1.49		1.64		17.03		10.09		15.27		8.42	
Nov.	24.19	72.99	21.52	66.22	1.22	3.66	1.10	3.75	17.19	52.50	8.81	27.61	15.46	46.75	7.03	22.45
Dec.	24.05		22.30		0.95		1.01		18.28		8.71		16.02		7.00	
2021 Jan.	24.88		23.28		0.95		1.10		18.69		8.96		16.83		7.25	
Feb.	25.07	75.44	23.45	70.35	0.96	2.96	1.08	3.41	19.34	57.73	9.18	27.41	17.41	52.04	7.43	22.21
Mar.	25.49		23.62		1.05		1.23		19.70		9.27		17.80		7.53	
Apr.	27.46		23.79		0.96		1.14		20.06		10.34		18.17		8.73	
May	26.72	82.12	24.77	75.96	1.04	3.39	1.29	5.58	20.46	61.40	8.73	29.02	18.65	55.76	6.87	23.73
June	27.94		27.40		1.39		3.15		20.88		9.95		18.94		8.13	
July	29.34		28.68		1.76		4.08		21.62		10.92		19.71		9.14	
Aug.	29.90	90.13	29.49	88.92	2.00	5.81	4.88	14.30	22.30	66.97	10.14	30.70	20.38	61.18	8.29	25.21
Sep.	30.89		30.75		2.05		5.34		23.05		9.64		21.09		7.78	
Oct.	31.88		33.89		2.16		5.86		22.94		10.11		20.98		8.23	
Nov.	31.69	94.65	32.66	97.82	2.21	6.19	5.05	15.53	23.00	69.19	10.11	31.30	21.10	64.04	8.24	25.59
Dec.	31.08		31.27		1.82		4.62		23.25		11.08		21.96		9.12	
2022 Jan.	33.42		32.51		1.73		4.89		23.27		10.68		21.27		8.65	
Feb.	33.46	99.19	32.55	98.37	1.88	5.70	5.09	14.99	23.35	70.22	10.65	32.55	21.29	64.05	8.47	26.19
Mar.	32.31		33.31		2.09		5.01		23.60		11.22		21.49		9.07	
Apr.	32.79		35.50		2.33		7.21		24.01		10.47		21.90		8.28	
May	33.37	100.57	36.25	108.59	2.41	7.39	7.31	21.84	24.51	73.06	12.58	34.46	22.49	66.97	10.46	27.79
June	34.41		36.84		2.65		7.32		24.54		11.41		22.58		9.05	
July	35.00		37.90		2.72		7.12		24.41		11.70		22.29		9.52	
Aug.	34.76	105.16	39.04	116.90	2.77	8.30	7.59	22.86	25.02	74.42	12.28	37.41	22.89	68.06	10.02	30.77
Sep.	35.40		39.96		2.81		8.15		24.99		13.43		22.88		11.23	
Oct.	35.14		37.51		2.77		7.19		25.36		13.32		23.38		11.04	
Nov.	34.62	101.80	38.70	112.40	2.61	8.07	8.33	24.42	26.14	77.23	13.84	40.68	24.14	72.50	11.46	33.71
Dec.	32.04		36.19		2.69		8.90		25.73		13.52		24.98		11.21	
2023 Jan.	32.66		35.53		2.78		7.35		26.73		16.83		24.69		14.55	
Feb.	33.02	98.54	37.37	108.99	2.77	8.25	6.84	20.78	28.03	84.20	14.40	46.97	25.94	77.84	12.13	40.30
Mar.	32.86		36.09		2.70		6.59		29.44		15.74		27.21		13.62	
Apr.	32.55		38.55		3.05		8.55		30.41		14.55		28.11		12.58	
May	32.12	97.63	38.26	115.02	2.80	8.74	7.85	24.37	29.80	90.99	14.26	46.92	28.11	84.63	12.63	39.60
June	32.96		38.21		2.89		7.97		30.78		18.11		28.41		14.39	
July	32.45		37.48		2.86		7.90		30.30		17.96		28.05		15.96	
Aug. p	31.14	...	36.18	...	2.79	...	7.77	...	33.03	...	18.23	...	30.79	...	16.13	...

¹ Investment income, compensation of employees and other primary income (including rent, taxes on production and imports transferred to the EU as well as subsidies

received from the EU). ² Including costs for freight and insurance which are included in the c.i.f. value of imports.

IV. External sector

2. Exports

a) Exports, by group of countries *

Value, € billion

seasonally adjusted

Period	European countries								Non-European countries							
	Total		of which:				Total		of which:							
			EU countries (27)		Euro area (20)				Other European countries		United States		Asia		OPEC countries	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Apr.	75.79		58.26		41.36		17.54		33.94		9.44		17.97		2.01	
May	76.78	227.98	59.11	175.30	41.38	124.10	17.68	52.69	34.23	103.11	9.07	28.10	18.33	54.92	1.71	5.67
June	75.41		57.93		41.36		17.47		34.94		9.59		18.62		1.95	
July	75.99		59.05		42.20		16.95		33.80		9.58		18.23		1.88	
Aug.	74.45	224.79	57.89	175.12	41.22	124.86	16.56	49.68	35.82	104.95	9.65	28.70	19.03	56.89	1.89	5.84
Sep.	74.35		58.18		41.44		16.17		35.33		9.47		19.63		2.07	
Oct.	75.57		58.92		41.92		16.65		34.15		9.32		18.23		1.79	
Nov.	74.75	226.77	58.09	176.40	41.25	125.60	16.66	50.37	35.16	105.16	9.58	28.98	18.73	55.69	2.17	5.96
Dec.	76.45		59.39		42.43		17.06		35.85		10.08		18.73		2.00	
2019 Jan.	75.66		58.52		41.78		17.14		36.15		10.02		18.74		1.64	
Feb.	75.73	228.57	58.27	175.98	41.68	125.79	17.46	52.59	35.00	106.74	9.48	29.43	17.99	55.05	1.61	4.95
Mar.	77.18		59.19		42.33		17.99		35.59		9.93		18.32		1.70	
Apr.	74.03		57.76		41.26		16.27		35.37		9.92		18.72		1.65	
May	74.52	224.39	57.42	174.08	40.96	124.10	17.10	50.31	35.44	106.01	10.11	29.96	18.60	55.64	1.90	5.53
June	75.84		58.90		41.88		16.94		35.20		9.93		18.32		1.98	
July	74.61		57.67		40.86		16.94		35.67		10.22		18.87		2.13	
Aug.	74.98	226.33	57.89	175.09	41.00	124.18	17.09	51.23	34.90	104.98	10.42	30.38	17.76	54.95	1.84	5.77
Sep.	76.74		59.53		42.32		17.20		34.41		9.74		18.32		1.80	
Oct.	76.80		58.95		41.70		17.85		35.31		10.26		18.78		2.15	
Nov.	75.53	226.94	59.10	175.55	41.42	123.71	16.43	51.39	35.00	106.91	9.73	29.60	18.42	57.01	1.90	6.09
Dec.	74.61		57.50		40.59		17.11		36.60		9.61		19.81		2.04	
2020 Jan.	75.64		58.90		41.47		16.74		35.27		9.67		18.28		1.97	
Feb.	76.17	219.80	59.27	169.36	41.54	118.40	16.91	50.44	36.36	103.24	10.16	28.87	18.62	53.29	1.97	5.75
Mar.	67.99		51.19		35.39		16.79		31.61		9.04		16.39		1.81	
Apr.	49.99		38.03		26.26		11.96		25.72		6.39		15.13		1.37	
May	55.73	170.70	43.31	131.12	30.85	92.51	12.42	39.58	27.27	82.15	6.96	20.51	15.47	47.67	1.38	4.13
June	64.98		49.78		35.40		15.20		29.16		7.16		17.07		1.38	
July	67.85		52.31		36.84		15.53		31.06		8.38		17.75		1.54	
Aug.	71.21	211.69	54.79	163.34	38.23	114.59	16.42	48.34	30.22	92.47	8.42	25.53	16.57	51.58	1.45	4.41
Sep.	72.63		56.24		39.52		16.39		31.19		8.73		17.26		1.42	
Oct.	72.41		55.79		38.89		16.62		32.14		9.05		17.41		1.42	
Nov.	73.66	219.34	57.14	169.86	39.94	118.33	16.52	49.48	33.11	99.52	9.16	27.75	18.11	54.01	1.35	4.87
Dec.	73.27		56.93		39.50		16.34		34.27		9.54		18.49		2.10	
2021 Jan.	74.04		58.95		41.32		15.08		35.89		9.84		18.68		1.67	
Feb.	74.16	225.91	58.80	178.90	40.74	124.73	15.36	46.99	35.81	106.92	9.95	29.29	18.81	56.60	1.55	4.91
Mar.	77.71		61.15		42.67		16.55		35.22		9.50		19.11		1.69	
Apr.	77.25		60.79		42.43		16.45		35.24		10.21		18.71		1.62	
May	78.45	233.37	62.31	184.77	43.42	129.20	16.14	48.60	35.15	105.47	9.75	29.56	18.72	56.18	1.74	5.11
June	77.67		61.67		43.35		16.01		35.08		9.60		18.75		1.75	
July	80.49		63.36		44.38		17.14		34.25		10.28		17.73		1.46	
Aug.	78.27	236.40	61.86	186.81	43.52	131.16	16.41	49.60	34.12	102.34	9.96	30.35	18.15	53.75	1.57	4.64
Sep.	77.64		61.59		43.26		16.05		33.97		10.11		17.87		1.61	
Oct.	80.57		63.93		45.10		16.64		36.17		10.44		19.32		1.66	
Nov.	82.61	248.35	64.86	196.89	45.43	138.02	17.76	51.47	36.36	107.41	10.42	31.54	18.85	56.05	1.52	4.88
Dec.	85.17		68.10		47.49		17.07		34.88		10.68		17.88		1.70	
2022 Jan. 1	81.33		63.67		44.80		17.66		38.73		11.09		19.48		1.76	
Feb.	86.34	252.02	69.27	201.08	48.36	140.33	17.07	50.93	40.43	117.96	11.48	34.43	20.98	60.35	1.65	5.09
Mar.	84.35		68.14		47.17		16.20		38.80		11.86		19.89		1.68	
Apr.	87.63		70.50		49.46		17.13		40.48		12.59		19.80		1.59	
May	89.68	267.85	72.59	215.95	51.57	152.05	17.09	51.90	41.26	124.45	13.21	39.75	20.02	60.77	1.61	4.93
June	90.54		72.86		51.02		17.68		42.71		13.95		20.95		1.73	
July	91.44		73.88		52.41		17.56		39.71		12.28		20.25		1.83	
Aug.	93.01	275.60	75.24	222.33	53.14	157.22	17.78	53.27	42.27	124.81	13.68	40.39	21.21	62.74	2.11	6.18
Sep.	91.15		73.21		51.67		17.93		42.83		14.43		21.28		2.24	
Oct.	91.37		73.25		51.65		18.12		43.97		14.05		21.03		1.94	
Nov.	93.42	273.89	73.80	218.38	51.87	154.01	19.63	55.52	42.57	125.25	13.69	40.16	20.69	60.62	1.92	5.47
Dec.	89.10		71.33		50.49		17.77		38.71		12.42		18.90		1.61	
2023 Jan.	89.93		72.43		51.40		17.50		41.44		12.89		19.30		2.19	
Feb.	91.54	268.71	73.91	214.68	52.28	151.51	17.63	54.03	45.15	128.32	13.99	39.51	21.46	61.04	2.14	6.53
Mar.	87.24		68.34		47.83		18.90		41.73		12.63		20.28		2.20	
Apr.	88.31		71.43		49.97		16.89		42.39		13.18		20.83		2.13	
May	88.62	266.05	70.63	213.56	49.48	149.79	18.00	52.51	42.26	127.11	12.79	38.87	20.54	62.07	1.90	5.91
June	89.12		71.50		50.34		17.62		42.46		12.90		20.70		1.88	
July	88.34		70.65		50.09		17.69		40.75		13.52		20.01		2.09	
Aug.	86.56	...	69.55	...	48.75	...	17.01	...	41.11	...	13.41	...	19.97	...	2.03	...

Source of the unadjusted figures: Federal Statistical Office. * Classified by country of destination (country of consumption). Inclusion of individual countries in groups of

countries according to most recent status. 1 Figures as of January 2022 provisional and partially revised.

IV. External sector

2. Exports

b) Exports, by category of goods *

Value, € billion

seasonally adjusted

Item no	Selected main categories						Selected categories							
	Intermediate goods		Capital goods		Consumer goods		Chemical and pharmaceutical products		Computers, electronic and optical products and electrical equipment		Machinery and equipment		Motor vehicles, trailers and semi-trailers	
							20 and 21		26 and 27		28		29	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Apr.	32.98		50.70		19.83		16.77		16.87		16.24		20.17	
May	33.60	99.87	51.15	152.13	20.03	60.12	16.80	50.70	17.20	51.25	16.42	48.98	20.07	59.65
June	33.29		50.28		20.26		17.13		17.18		16.32		19.41	
July	33.48		49.32		20.40		17.07		17.13		16.16		19.14	
Aug.	34.02	101.00	48.96	147.61	20.48	61.11	17.52	51.75	17.07	51.91	16.49	49.02	18.40	56.21
Sep.	33.50		49.33		20.23		17.16		17.71		16.37		18.67	
Oct.	34.44		48.60		19.98		16.86		17.61		16.64		18.47	
Nov.	33.84	102.27	49.63	149.82	19.70	59.49	16.41	49.96	17.22	52.40	16.32	49.96	18.74	56.93
Dec.	33.99		51.59		19.81		16.69		17.57		17.00		19.72	
2019 Jan.	34.16		50.74		20.18		16.83		17.59		16.77		19.18	
Feb.	33.64	102.28	49.80	152.02	19.51	59.77	16.58	50.21	17.42	52.78	16.40	49.89	19.02	57.20
Mar.	34.48		51.48		20.08		16.80		17.77		16.72		19.00	
Apr.	33.17		49.78		19.94		16.50		17.31		16.42		18.75	
May	32.77	99.45	50.21	150.12	19.90	60.77	16.49	50.28	17.38	52.06	16.41	49.33	19.18	56.99
June	33.51		50.13		20.93		17.29		17.37		16.50		19.06	
July	33.35		49.95		20.36		16.84		17.56		16.34		18.70	
Aug.	33.22	100.73	49.10	148.09	20.53	61.80	16.55	50.90	17.54	52.52	16.49	49.14	18.66	56.14
Sep.	34.16		49.04		20.91		17.51		17.42		16.31		18.78	
Oct.	33.63		50.23		21.34		17.59		17.49		16.48		18.57	
Nov.	33.12	99.49	49.38	150.07	21.04	63.39	16.98	51.46	17.44	52.15	16.22	49.18	18.46	55.67
Dec.	32.74		50.46		21.01		16.89		17.22		16.48		18.64	
2020 Jan.	33.81		49.18		20.93		16.91		17.58		16.50		18.62	
Feb.	34.25	99.75	49.20	139.99	21.52	62.68	17.53	52.24	17.36	51.15	16.16	47.19	18.64	51.36
Mar.	31.69		41.61		20.23		17.80		16.21		14.53		14.10	
Apr.	26.72		25.82		18.20		16.13		13.89		11.71		4.62	
May	26.26	81.55	32.73	99.59	19.45	57.31	15.34	46.77	14.21	43.42	12.54	38.16	9.38	29.22
June	28.57		41.04		19.66		15.30		15.32		13.91		15.22	
July	29.71		43.55		20.24		15.88		16.19		14.55		16.30	
Aug.	31.57	93.80	43.46	132.17	20.39	61.21	16.00	48.66	16.34	49.37	14.54	44.10	16.25	50.06
Sep.	32.52		45.16		20.58		16.78		16.84		15.01		17.51	
Oct.	32.44		45.55		20.61		16.88		16.43		15.13		18.90	
Nov.	34.09	100.55	46.10	138.48	20.91	62.12	17.75	52.09	17.47	51.17	15.57	46.03	18.19	56.00
Dec.	34.02		46.83		20.60		17.46		17.27		15.33		18.91	
2021 Jan.	35.11		46.36		21.48		18.53		17.69		15.86		17.90	
Feb.	34.90	106.16	47.24	141.40	20.84	64.40	17.46	54.98	17.91	53.77	15.88	48.21	17.91	54.73
Mar.	36.15		47.80		22.08		18.99		18.17		16.47		18.92	
Apr.	36.27		47.00		22.46		19.66		18.29		16.22		18.41	
May	37.17	110.40	46.55	140.17	22.88	68.12	19.82	59.41	18.34	54.58	16.53	48.96	17.15	52.65
June	36.96		46.62		22.78		19.93		17.95		16.21		17.09	
July	37.69		46.57		22.70		19.98		18.19		16.37		16.84	
Aug.	37.80	113.28	43.78	133.96	22.90	68.56	20.73	61.47	18.31	54.62	16.30	48.93	18.82	45.94
Sep.	37.79		43.61		22.96		20.76		18.12		16.26		15.28	
Oct.	38.43		47.29		23.23		20.44		18.11		16.30		17.94	
Nov.	39.46	118.18	47.69	141.37	23.78	71.26	21.04	63.67	18.44	55.30	16.29	48.50	18.39	54.50
Dec.	40.29		46.39		24.25		22.19		18.75		15.91		18.17	
2022 Jan. 1	39.69		47.38		23.60		21.02		18.31		16.32		19.05	
Feb.	41.55	122.89	49.38	142.09	26.56	77.27	22.93	67.40	19.62	57.22	17.04	49.38	19.51	55.08
Mar.	41.65		45.33		27.11		23.45		19.29		16.02		16.52	
Apr.	42.36		47.66		28.29		24.39		19.55		16.79		18.32	
May	43.54	129.42	49.57	149.60	29.06	85.46	25.97	74.43	19.65	59.74	17.31	51.31	19.89	59.53
June	43.52		52.37		28.11		24.07		20.54		17.21		21.32	
July	43.01		50.96		26.54		23.13		20.44		17.59		20.31	
Aug.	43.63	130.62	52.37	155.70	28.23	83.57	23.75	72.15	21.21	62.32	18.08	53.29	20.75	63.04
Sep.	43.98		52.37		28.80		25.27		20.67		17.62		21.98	
Oct.	43.39		53.88		29.03		23.77		20.95		18.37		22.55	
Nov.	43.03	126.86	54.57	159.36	29.86	87.01	23.76	69.80	20.87	61.96	18.87	55.17	22.55	66.61
Dec.	40.44		50.91		28.12		22.27		20.14		17.93		21.51	
2023 Jan.	40.64		52.62		28.65		22.37		20.57		18.82		21.24	
Feb.	42.58	124.22	56.30	161.89	29.44	85.10	23.54	67.13	21.20	62.92	19.27	56.73	23.48	65.47
Mar.	41.00		52.97		27.01		21.22		21.15		18.64		20.75	
Apr.	40.15		55.30		27.95		21.20		21.45		18.87		22.77	
May	40.56	121.33	56.21	167.64	27.02	82.74	20.14	62.62	21.39	63.88	19.10	57.21	23.05	68.96
June	40.62		56.13		27.77		21.28		21.04		19.24		23.14	
July	40.39		53.88		27.88		22.34		20.40		18.70		22.35	
Aug.	40.15	...	52.93	...	27.41	...	20.95	...	20.65	...	18.12	...	20.99	...

Sources of the unadjusted figures: Federal Statistical Office, Bundesbank calculations on the basis of data provided by the Federal Statistical Office. * See explanatory notes, section on classifications; as of January 2010 figures include additional estimates for

transactions which failed or do not have to be reported. 1 Figures as of January 2022 provisional and partially revised.

IV. External sector

3. Imports

a) Imports, by group of countries *

Value, € billion seasonally adjusted

Period	European countries								Non-European countries							
	Total (R)		of which:				Other European countries		Total (R)		of which:					
			EU countries (27) (R)		Euro area (20) (R)						United States		Asia		OPEC countries	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Apr.	61.34		48.78		33.92		12.56		28.73		5.43		18.03		0.87	
May	61.93	185.43	47.65	145.24	32.95	100.61	14.29	40.20	28.23	85.95	5.62	16.30	18.09	54.96	0.87	2.73
June	62.16		48.81		33.74		13.35		28.99		5.25		18.84		0.99	
July	64.47		50.73		35.77		13.74		30.57		5.52		19.61		1.00	
Aug.	62.71	190.90	49.77	150.69	34.69	105.19	12.94	40.21	28.58	87.69	5.25	16.51	19.10	57.96	1.11	2.97
Sep.	63.72		50.19		34.73		13.53		28.54		5.74		19.25		0.86	
Oct.	63.08		49.02		33.85		14.06		29.33		5.64		19.82		0.95	
Nov.	62.32	188.99	48.89	148.81	33.79	103.32	13.42	40.18	28.65	86.90	5.50	16.57	18.95	57.83	0.91	2.65
Dec.	63.59		50.90		35.68		12.70		28.92		5.43		19.06		0.79	
2019 Jan.	64.07		50.32		35.23		13.75		29.49		5.83		19.22		0.72	
Feb.	63.06	190.84	50.14	151.07	35.08	105.53	12.92	39.77	30.07	89.15	6.14	17.56	19.00	56.89	0.75	2.22
Mar.	63.71		50.61		35.22		13.10		29.59		5.59		18.67		0.75	
Apr.	62.15		49.98		34.78		12.17		30.29		5.60		19.06		0.93	
May	62.12	188.23	49.56	150.64	34.80	104.96	12.57	37.60	28.73	88.14	5.83	17.27	18.01	55.60	0.92	2.63
June	63.96		51.10		35.38		12.86		29.12		5.84		18.53		0.78	
July	61.30		48.56		33.72		12.75		30.76		5.94		19.25		1.14	
Aug.	61.44	185.49	48.58	147.05	33.50	101.43	12.85	38.44	29.15	89.23	5.81	17.94	19.00	57.58	0.87	2.85
Sep.	62.75		49.91		34.21		12.84		29.32		6.19		19.33		0.84	
Oct.	61.79		49.06		33.94		12.72		30.49		6.91		19.50		0.98	
Nov.	61.89	185.63	48.89	146.40	33.59	101.00	13.00	39.22	29.78	89.76	5.91	18.93	19.64	57.57	0.78	2.64
Dec.	61.95		48.45		33.47		13.50		29.49		6.11		18.43		0.88	
2020 Jan.	62.51		49.36		33.86		13.16		30.64		6.24		19.83		0.83	
Feb.	63.02	182.60	49.81	144.37	34.25	99.55	13.21	38.24	29.07	89.61	6.15	18.26	17.67	56.06	0.81	2.05
Mar.	57.07		45.20		31.44		11.87		29.90		5.87		18.56		0.41	
Apr.	44.65		34.82		24.56		9.83		27.89		5.88		17.89		0.35	
May	47.82	146.21	38.34	116.93	26.51	81.19	9.48	29.28	26.68	80.86	4.52	14.91	18.96	55.50	0.28	1.06
June	53.74		43.77		30.12		9.97		26.29		4.51		18.65		0.43	
July	53.97		43.57		29.10		10.40		27.83		5.12		18.59		0.36	
Aug.	57.92	171.23	47.34	138.34	32.23	93.38	10.58	32.89	27.99	83.61	5.82	17.08	18.62	55.71	0.49	1.18
Sep.	59.34		47.43		32.05		11.91		27.79		6.14		18.50		0.33	
Oct.	58.82		47.29		31.94		11.53		27.50		5.55		18.50		0.32	
Nov.	61.18	180.26	49.54	145.58	33.33	97.93	11.64	34.68	29.48	87.08	5.71	17.08	19.53	58.32	0.36	1.19
Dec.	60.26		48.75		32.66		11.51		30.10		5.82		20.29		0.51	
2021 Jan.	59.44		48.25		32.48		11.18		29.05		5.16		19.63		0.61	
Feb.	61.76	186.27	49.59	150.39	33.66	102.18	12.17	35.87	30.82	92.99	5.30	16.32	20.19	61.20	0.44	1.54
Mar.	65.07		52.55		36.04		12.52		33.12		5.86		21.38		0.49	
Apr.	63.45		50.37		34.47		13.08		33.62		5.95		21.60		0.51	
May	66.44	196.02	52.75	155.83	36.23	107.23	13.68	40.18	32.26	99.29	5.99	18.66	21.38	64.55	0.81	1.89
June	66.13		52.71		36.53		13.42		33.41		6.72		21.57		0.57	
July	65.98		52.80		36.44		13.19		32.20		5.54		21.34		0.69	
Aug.	65.63	197.79	51.38	156.32	35.83	108.21	14.25	41.49	33.07	97.98	6.33	18.11	22.12	66.16	0.71	2.21
Sep.	66.18		52.14		35.94		14.05		32.71		6.24		22.70		0.81	
Oct.	70.12		55.38		38.81		14.74		33.84		6.03		23.60		0.97	
Nov.	73.28	218.96	57.57	171.79	40.25	120.18	15.72	47.18	34.98	106.51	6.17	18.59	24.48	74.09	0.93	2.75
Dec.	75.56		58.84		41.12		16.72		37.69		6.39		26.01		0.85	
2022 Jan. 1	72.40		54.90		38.33		17.50		36.69		6.47		25.00		0.75	
Feb.	76.84	226.76	59.23	172.71	41.40	120.45	17.61	54.05	39.27	119.08	6.30	19.43	26.71	79.78	1.08	3.04
Mar.	77.52		58.58		40.72		18.94		43.12		6.66		28.07		1.21	
Apr.	80.04		60.35		42.04		19.70		45.37		6.74		30.09		1.31	
May	81.38	243.04	62.42	185.47	43.18	128.40	18.95	57.56	45.53	136.60	7.60	22.99	31.62	91.96	1.30	3.92
June	81.62		62.70		43.18		18.91		45.70		8.65		30.25		1.31	
July	83.30		62.07		42.34		21.23		44.10		8.12		28.75		1.04	
Aug.	88.70	257.44	64.18	190.58	44.12	131.36	24.52	66.86	45.06	133.86	8.16	24.44	30.26	90.44	1.07	3.53
Sep.	85.44		64.33		44.90		21.11		44.70		8.16		31.43		1.42	
Oct.	81.64		64.26		43.96		17.38		46.64		8.50		32.51		1.14	
Nov.	78.13	235.74	61.13	184.04	41.36	125.35	17.00	51.70	46.83	134.03	8.50	24.89	32.08	91.44	2.10	4.71
Dec.	75.97		58.65		40.03		17.32		40.56		7.89		26.85		1.47	
2023 Jan.	74.91		59.22		40.16		15.69		41.83		8.45		26.86		1.90	
Feb.	76.71	224.58	62.53	181.19	41.57	121.46	14.18	43.38	44.34	127.65	7.79	23.96	28.77	81.35	2.02	5.96
Mar.	72.96		59.44		39.73		13.51		41.48		7.72		25.72		2.04	
Apr.	72.25		59.40		39.28		12.84		42.61		8.01		26.31		1.98	
May	76.32	221.85	61.90	181.21	41.32	120.19	14.42	40.62	40.25	122.72	7.54	23.02	26.35	79.30	1.97	5.51
June	73.28		59.91		39.59		13.36		39.86		7.47		26.64		1.56	
July	71.84		58.92		38.99		12.91		39.81		7.86		25.75		1.34	
Aug.	73.23	...	60.36	...	40.54	...	12.87	...	38.23	...	7.62	...	25.50	...	1.40	...

Source of the unadjusted figures: Federal Statistical Office. * Classified by country of origin (country of production). Inclusion of individual countries in groups of countries

according to most recent status. 1 Figures as of January 2022 provisional and partially revised.

IV. External sector

3. Imports

b) Imports of industry, by main grouping *

€ billion														seasonally adjusted			
Period	Value										Volume ¹						
	Total excluding energy		of which:						Energy		Total excluding energy		Energy				
			Intermediate goods		Capital goods		Consumer goods										
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly			
2018 Apr.	83.06		27.01		27.84		18.81		7.11		82.82		6.37				
May	82.58	249.20	27.07		28.82		18.45		7.66		81.51		6.36				
June	83.56		27.17	81.25	28.18	84.84	19.08	56.34	7.69	22.46	82.05	246.38	6.28	19.01			
July	87.12		28.87		28.88		19.57		8.03		85.59		6.52				
Aug.	83.41	254.80	27.80	85.12	27.74	85.32	19.06	58.01	7.99	24.10	81.82	249.93	6.49	19.29			
Sep.	84.27		28.45		28.70		19.38		8.08		82.52		6.28				
Oct.	83.74		28.42		28.60		19.53		8.78		81.68		6.43				
Nov.	82.71	250.85	28.40	85.42	28.14	86.08	19.27	57.68	8.35	25.35	81.01	245.86	6.63	20.16			
Dec.	84.40		28.60		29.34		18.88		8.22		83.17		7.10				
2019 Jan.	85.60		28.54		30.00		19.24		8.02		84.55		7.05				
Feb.	84.78	255.61	28.20	83.41	28.76	89.32	18.68	57.30	8.43	24.59	83.76	252.52	7.35	21.55			
Mar.	85.23		26.67		30.56		19.38		8.14		84.21		7.15				
Apr.	84.53		27.06		29.51		19.15		7.97		83.33		6.91				
May	82.91	252.84	26.38	80.54	29.03	88.19	18.85	57.54	8.03	23.76	81.86	249.69	6.95	21.23			
June	85.40		27.10		29.65		19.54		7.76		84.50		7.37				
July	84.43		26.92		28.88		19.36		7.71		83.71		7.43				
Aug.	83.25	252.87	25.89	79.14	28.76	87.80	19.36	58.51	7.44	22.15	82.64	250.64	7.51	21.66			
Sep.	85.19		26.33		30.16		19.79		7.00		84.29		6.72				
Oct.	85.08		27.51		30.02		19.68		7.31		84.30		6.99				
Nov.	84.07	252.81	26.52	79.82	29.08	88.40	20.24	60.55	7.72	22.91	83.22	250.28	7.04	21.10			
Dec.	83.66		25.79		29.30		20.63		7.88		82.76		7.07				
2020 Jan.	85.47		26.79		30.09		20.78		7.75		84.71		7.31				
Feb.	85.01	251.10	26.37	79.37	29.31	85.67	20.41	61.05	7.14	21.29	84.45	249.66	7.52	24.41			
Mar.	80.62		26.21		26.27		19.86		6.40		80.50		9.58				
Apr.	68.61		22.54		19.58		18.82		3.97		68.90		7.58				
May	70.64	215.14	21.99	67.57	20.81	65.34	20.77	59.61	3.90	12.06	71.47	217.45	6.83	20.75			
June	75.89		23.04		24.95		20.02		4.19		77.08		6.34				
July	77.47		23.20		25.93		19.97		4.39		78.57		6.17				
Aug.	81.48	241.02	24.89	73.87	29.08	83.23	19.83	60.10	4.51	14.03	82.75	244.30	6.17	19.35			
Sep.	82.07		25.78		28.22		20.30		5.13		82.98		7.01				
Oct.	81.19		26.22		27.52		20.59		5.21		81.94		6.86				
Nov.	85.52	251.69	27.16	81.32	30.01	87.42	20.72	61.59	5.24	15.90	86.18	253.59	6.62	19.91			
Dec.	84.98		27.94		29.89		20.28		5.45		85.47		6.43				
2021 Jan.	82.62		27.40		27.86		19.91		5.91		81.93		6.42				
Feb.	86.75	260.64	28.28	85.72	28.27	85.66	20.18	61.71	5.89	18.76	85.28	255.74	5.90	18.97			
Mar.	91.27		30.04		29.53		21.62		6.96		88.53		6.65				
Apr.	90.55		29.73		28.83		21.54		6.57		86.62		6.23				
May	91.55	274.45	31.88	93.04	27.53	84.68	22.63	66.41	7.20	21.03	86.40	258.91	6.32	18.38			
June	92.35		31.43		28.32		22.24		7.26		85.89		5.83				
July	90.11		31.67		27.86		20.59		8.13		82.39		6.03				
Aug.	90.40	270.25	32.53	96.93	27.82	83.59	21.25	62.91	8.35	25.70	81.80	244.84	5.90	18.01			
Sep.	89.74		32.73		27.91		21.07		9.22		80.65		6.08				
Oct.	92.56		32.85		28.26		23.75		11.48		81.52		6.28				
Nov.	95.61	287.21	33.92	102.07	29.38	88.49	24.04	72.24	12.74	38.52	82.68	249.92	6.20	19.66			
Dec.	99.04		35.30		30.85		24.45		14.30		85.72		7.18				
2022 Jan. ²	94.98		33.94		28.43		24.88		14.17		79.59		6.29				
Feb.	103.64	303.25	37.16	111.01	29.63	85.94	25.91	76.95	12.53	42.78	85.01	247.78	5.47	17.66			
Mar.	104.63		39.91		27.88		26.16		16.08		83.18		5.90				
Apr.	109.97		41.95		29.37		26.89		15.52		85.29		5.71				
May	112.26	333.34	44.74	128.59	30.33	90.91	26.49	80.57	14.74	46.56	85.93	256.17	5.31	16.56			
June	111.11		41.90		31.21		27.19		16.30		84.95		5.54				
July	109.27		39.70		30.96		27.90		18.22		83.32		5.83				
Aug.	111.68	332.58	40.88	122.25	31.93	95.87	28.98	86.46	22.15	58.96	83.61	249.70	5.97	17.02			
Sep.	111.63		41.67		32.98		29.58		18.59		82.77		5.22				
Oct.	114.19		42.13		33.89		31.70		14.20		83.62		4.20				
Nov.	110.91	327.20	40.34	119.94	33.66	98.28	29.58	89.06	14.13	42.83	84.52	247.58	4.99	14.61			
Dec.	102.10		37.47		30.73		27.78		14.50		79.44		5.42				
2023 Jan.	103.22		36.03		31.59		27.18		13.58		80.68		5.58				
Feb.	111.07	318.40	38.58	109.92	33.83	98.36	26.84	78.91	10.07	34.08	86.98	250.24	4.79	15.63			
Mar.	104.11		35.31		32.94		24.89		10.43		82.58		5.26				
Apr.	105.43		35.99		33.15		25.20		9.53		84.52		5.15				
May	107.43	317.54	36.96	108.09	33.73	100.13	26.40	77.67	9.27	27.39	86.98	256.95	5.35	15.81			
June	104.68		35.14		33.25		26.07		8.59		85.45		5.31				
July	102.19		34.27		32.95		25.38		9.63		84.17		5.86				
Aug.	102.60	...	35.53	...	33.38	...	25.22	...	9.02	...	84.23	...	5.28	...			

Sources of the unadjusted figures: Federal Statistical Office, Bundesbank calculations on the basis of figures provided by the Federal Statistical Office. * See explanatory notes, section on classifications; as of January 2010 figures include additional estimates for

transactions which failed or do not have to be reported. ¹ Calculated using price indices on the basis of 2015 = 100. ² Figures as of January 2022 provisional and partially revised.

IV. External sector

3. Imports

c) Imports, by selected branches of industry *

Value, € billion

seasonally adjusted

Item no	Chemical and pharmaceutical products (R)		Basic metals and fabricated metal products		Computers, electronic and optical products and electrical equipment		Machinery and equipment (R)		Motor vehicles, trailers and semi-trailers	
	20 and 21		24 and 25		26 and 27		28		29	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Apr.	11.99		7.69		14.95		7.21		10.07	
May	11.87	36.50	7.59	23.07	15.20	45.31	7.28	21.79	10.15	30.52
June	12.64		7.79		15.16		7.30		10.30	
July	12.93		7.97		15.74		7.42		9.81	
Aug.	12.56	38.56	7.90	23.99	15.04	46.72	7.51	22.82	9.77	29.27
Sep.	13.07		8.12		15.94		7.89		9.69	
Oct.	12.10		8.01		15.96		7.56		10.12	
Nov.	12.42	37.51	7.98	23.72	15.45	47.04	7.53	22.70	10.10	30.82
Dec.	12.99		7.73		15.63		7.61		10.60	
2019 Jan.	12.52		7.63		15.83		7.65		10.97	
Feb.	12.52	36.67	7.49	22.64	15.47	47.03	7.48	22.85	10.41	32.14
Mar.	11.63		7.52		15.73		7.72		10.76	
Apr.	12.31		7.21		15.77		7.58		10.77	
May	12.16	37.11	7.06	21.48	15.13	46.08	7.25	22.28	10.64	32.81
June	12.64		7.21		15.18		7.45		11.40	
July	12.39		7.20		15.32		7.38		10.16	
Aug.	11.28	35.35	7.24	21.84	15.31	46.35	7.22	21.87	10.94	32.16
Sep.	11.68		7.40		15.72		7.27		11.06	
Oct.	12.46		7.56		15.43		7.30		10.76	
Nov.	12.36	36.96	7.28	22.21	15.54	46.63	7.21	21.42	10.54	32.10
Dec.	12.14		7.37		15.66		6.91		10.80	
2020 Jan.	12.43		7.60		15.79		7.49		10.99	
Feb.	12.37	37.56	7.40	22.40	15.18	45.80	7.41	21.40	10.69	30.18
Mar.	12.76		7.40		14.83		6.50		8.50	
Apr.	11.99		6.20		13.41		5.28		3.46	
May	11.86	36.11	5.61	17.63	13.99	42.22	5.61	17.17	5.43	17.59
June	12.26		5.82		14.82		6.28		8.70	
July	10.81		6.08		15.08		6.55		9.37	
Aug.	11.51	34.20	6.67	19.62	15.41	45.72	6.69	20.04	11.53	31.74
Sep.	11.88		6.87		15.23		6.80		10.84	
Oct.	12.05		7.19		15.42		6.72		10.72	
Nov.	11.96	36.62	7.63	22.43	16.62	49.09	7.19	21.23	11.64	33.08
Dec.	12.61		7.61		17.05		7.32		10.72	
2021 Jan.	11.45		8.01		16.93		7.11		9.80	
Feb.	11.97	36.97	8.24	24.68	16.92	51.51	7.28	22.10	9.78	30.16
Mar.	13.55		8.43		17.66		7.71		10.58	
Apr.	14.11		8.90		17.45		7.44		10.15	
May	15.30	44.29	9.37	27.55	17.59	52.38	7.58	22.74	8.99	28.27
June	14.88		9.28		17.34		7.72		9.13	
July	13.25		9.33		17.17		7.68		9.28	
Aug.	13.57	40.32	9.98	28.96	17.22	51.80	7.73	23.13	8.10	25.90
Sep.	13.50		9.65		17.41		7.72		8.52	
Oct.	14.88		9.94		17.37		7.74		8.99	
Nov.	15.37	45.70	10.10	30.64	18.47	55.66	7.93	23.81	10.16	29.54
Dec.	15.45		10.60		19.82		8.14		10.39	
2022 Jan. 1	15.14		10.70		18.67		8.04		9.86	
Feb.	18.18	50.97	11.19	34.08	19.46	57.77	8.13	24.28	10.72	30.04
Mar.	17.65		12.19		19.64		8.11		9.46	
Apr.	21.38		11.59		20.30		8.37		10.15	
May	22.44	63.40	11.85	35.23	20.32	62.29	8.74	25.81	10.68	31.70
June	19.58		11.79		21.67		8.70		10.87	
July	18.12		11.64		21.49		8.60		10.58	
Aug.	18.72	56.48	11.65	34.99	22.26	65.89	9.15	27.09	11.11	33.78
Sep.	19.64		11.70		22.14		9.34		12.09	
Oct.	18.20		12.14		23.65		9.58		12.18	
Nov.	16.66	51.37	11.65	34.04	22.94	67.84	9.79	28.14	12.58	36.58
Dec.	16.51		10.25		21.25		8.77		11.82	
2023 Jan.	16.46		9.65		21.06		8.89		11.90	
Feb.	16.84	47.51	9.86	28.89	22.64	65.31	9.29	27.31	12.60	36.96
Mar.	14.21		9.38		21.61		9.13		12.46	
Apr.	15.23		9.66		22.42		9.11		12.23	
May	15.99	45.93	9.58	28.66	22.91	67.68	9.07	27.44	12.56	37.51
June	14.71		9.42		22.35		9.26		12.72	
July	13.91		9.12		21.45		9.10		13.51	
Aug.	15.51	...	9.28	...	20.89	...	8.88	...	13.95	...

Sources of the unadjusted figures: Federal Statistical Office, Bundesbank calculations on the basis of data provided by the Federal Statistical Office. * See explanatory notes, section on classifications; as of January 2010 figures include additional estimates for

transactions which failed or do not have to be reported. 1 Figures as of January 2022 provisional and partially revised.

■ Explanatory notes

■ Seasonal adjustment

The Deutsche Bundesbank's purpose in seasonally adjusting time series is to filter out the usual seasonal fluctuations within the movements of the time series under review. "Usual seasonal fluctuations" are those movements which recur with similar intensity in the same season each year and which, on the basis of past movements of the time series in question, can, under normal circumstances, be expected to recur. Thus, fluctuations due to exceptionally strong or weak seasonal influences (for example, extreme weather conditions or atypical holiday constellations) will continue to be visible in the seasonally adjusted series to the extent that they exceed, or fall short of, the normal seasonal average. In general, other random disruptions and unusual movements that are readily understandable in economic terms (for example, the consequences of economic policy, large-scale orders or strikes) are also not eliminated.

Seasonal adjustment also includes the elimination of working-day variations insofar as influences deriving from differences in the number of working days or the dates of particular days (e.g. public holidays, weekday on the last day of the month in the case of stock series) can be demonstrated and quantified.

For the most part, seasonal adjustment is based on the Census X-13ARIMA-SEATS method, as implemented in the seasonal adjustment software JDemetra+, version 2.2.2. Some time series are seasonally adjusted with the Census X-12-ARIMA method, version 0.2.8, but will be successively migrated to JDemetra+. This is not impairing the analysis of current economic developments. As a rule, the breakdown of time series is based on a multiplicative model. Time series adjusted using the additive approach are marked with an (A).

Discrepancies between the aggregated series and their components are due to the fact that some of the seasonally adjusted aggregates are estimated directly and not derived from seasonally adjusted components.

For details of the Census method as well as on seasonal and calendar adjustment please refer to:

Julius Shiskin, Allan Young and John Musgrave, The X-11 Variant of the Census Method II, Seasonal Adjustment

Program, Technical Paper No. 15, US Department of Commerce, Bureau of the Census, US Government Printing Office, Washington D.C., 1967.

Deutsche Bundesbank, Seasonal adjustment by the Census Method, Monthly Report, March 1970, pp. 37-41.

Deutsche Bundesbank, Seasonal adjustment as a tool for analysing economic activity, Monthly Report, October 1987, pp. 30-39.

Deutsche Bundesbank, Data, adjusted for seasonal and working-day variations, on the expenditure components of GNP, Monthly Report, April 1991, pp. 35-40.

Deutsche Bundesbank, Results of the national accounts for Germany as a whole, Monthly Report, October 1995, pp. 45-57.

David F. Findley, Brian C. Monsell, William R. Bell, Mark C. Otto and Bor-Chung Chen, New Capabilities and Methods of the X-12-ARIMA Seasonal Adjustment Program, Journal of Business & Economic Statistics, Vol. 16, April 1998, pp. 127-177.

Deutsche Bundesbank, The changeover from the seasonal adjustment method Census X-11 to Census X-12-ARIMA, Monthly Report, September 1999, pp. 39-50.

Robert Kirchner, Auswirkungen des neuen Saisonbereinigungsverfahrens Census X-12-ARIMA auf die aktuelle Wirtschaftsanalyse in Deutschland, Discussion Paper 7/99, Economic Research Group of the Deutsche Bundesbank, December 1999.

Bureau of the Census, X-12-ARIMA Reference Manual, Version 0.2.8., Washington D.C., 17 January 2001.

Deutsche Bundesbank, Calendar effects on economic activity, Monthly Report, December 2012, pp. 51-60.

■ Classifications

Directive ECB/2001/13 and the Deutsche Bundesbank's Special Statistical Publication 1 – Banking statistics guidelines and customer classification form the basis for the harmonised balance sheet data from monetary financial institutions (MFIs) in Tables I.

The data in the national accounts (Tables II) are based on the European System of Accounts (ESA 2010).

The classification of further economic indicators (Tables III.1 to III.4 and III.6) is based on the Classification of Economic Activities, 2008 edition (WZ 2008). This is the national implementation and breakdown of the European classification NACE Rev. 2 which contains the aggregated sections down to the disaggregated level for the classes (four-digit codes) (Regulation (EC) No 1893/2006). The main industrial groupings are defined in Regulation (EC) No 656/2007. The item "Industry" has been added and is defined as an aggregate of producers of intermediate, capital and consumer goods. Energy and industry have been merged to form the item "Mining and quarrying, manufacturing and electricity, gas, steam and air conditioning supply" (WZ 2008 sections B, C and D). The production sector also includes the areas "Water supply; sewerage, waste management and remediation activities" as well as "Construction" (WZ 2008 sections E and F). However, section E and item 41.1 in section F are not included in the production index for the production sector. The statistics for industrial new orders include data for the following sections of WZ 2008: 13, 14, 17, 20, 21 and 24 to 30. These economic activities account for just about 75% of industrial sales from 2010. Statistics regarding building permits granted for structural engineering work (Table III.2.h) are regulated by the Act on Construction Statistics (Hochbaustatistikgesetz). The national term "Main construction industry" (Tables III.1.a, III.2.f and III.2.g) includes WZ 2008 items 41.2, 42, 43.1 and 43.9. The results for this area are listed by building type and contracting party.

An overview of the definitions used in the labour market statistics (Table III.5) can be found in the glossary for statistical reporting at the back of the Federal Employment Agency's monthly publication "Amtliche Nachrichten der Bundesagentur für Arbeit". All persons who have reached the age of 15 but have not yet reached the age of 65 and who are without employment or only with short-time employment (less than 15 hours per week) and seeking an employment of at least 15 hours per week subject to compulsory insurance are counted as unemployed. They must be registered as unemployed at an employment agency or at a basic allowance institution and be available for employment services and not be unfit for work owing to sickness.

The balance of payments statistics are based on the sixth edition of the IMF's Balance of Payments Manual (BPM6) (see Deutsche Bundesbank, Changes in the Methodology and Classifications of the Balance of Payments and the

International Investment Position, June 2014, pp. 57-68). Up to December 2008, the categorisation of groups of goods in Tables IV.2.b, IV.3.b and IV.3.c follows the Product Classification for Production Statistics, 2002 edition (Güterverzeichnis für Produktionsstatistiken, GP 2002). Since the changeover in foreign trade statistics, the categorisation of groups of goods has been based on the Product Classification for Production Statistics, 2009 edition (GP 2009). The allocation of groups of goods from GP 2002 to main industrial groupings is carried out pursuant to Regulation (EC) No 586/2001. For GP 2009, this classification is based on Regulation (EC) No 656/2007.

Data in the national accounts at previous-year prices and contributions to growth

Chain-linked Laspeyres indices (annual overlap) are at the centre of the report on the quarterly data at previous-year prices. This method evaluates the quarterly volume data of any given year at the average prices of the previous year and expresses them in terms of the quarterly average of the nominal values of the previous year. This ratio is then chain-linked with the successively chain-linked annual average ratios. The resulting time series for the volumes may contain statistically-related breaks from the fourth quarter of one year to the first quarter of the following year. The smaller the relative price change from year to year and the less the volume structure in the fourth quarter of the previous year deviates from that of the entire previous year, the smaller such breaks arising from the change of the price basis are. Within a year, however, the volume series do not experience any breaks. In addition, the method ensures that the annual average of the seasonally and calendar-adjusted indices is equal to the average of the only calendar adjusted series and that the annual average of the only seasonally adjusted results is equal to the average of the unadjusted values (except for rounding differences).

Balancing items for which a change in the plus or minus sign is possible (e.g. changes in inventories and net exports) cannot be meaningfully expressed as chain-linked indices. Even so, in order to ascertain their importance for economic dynamics, mechanical contributions to growth are identified. For example, the mechanical contribution of net exports to growth is the difference between the actual rate of growth of GDP and that which one would obtain if, under otherwise equal conditions, both imports and exports had remained constant vis-à-vis the comparable period. Owing to the statistical break from the fourth

quarter of one year to the first quarter of the following year, the sum of the contributions to growth of the components of GDP at previous-year prices for this period is not necessarily equal to the rate of change in real GDP. The additivity of the contributions to growth within one calendar year, however, is assured (except for rounding differences).

■ Sources of unadjusted figures

The source of the unadjusted figures of the seasonally adjusted time series is the Deutsche Bundesbank, unless stated otherwise in the tables.