



Seasonally adjusted business statistics January 2024

Statistical Series

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media Act (Telemediengesetz) can be found at:
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ISSN 2699-9196

Finalized on 26 January 2024.

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*).

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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	Data unknown, not to be published, not meaningful or not informative owing to particular uncertainty relating to the seasonal adjustment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
	of which:		of which:			Marketable instruments 1,2	
	Monetary aggregate M2 (excluding currency in circulation) 1	Monetary aggregate M2 (excluding currency in circulation)	Overnight deposits	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 Q3	3,857.6	3,814.8	2,946.1	342.5	526.3	42.7	16,195.5
Q4	3,834.2	3,793.6	2,878.5	403.9	511.2	40.6	16,068.7
2023 Q1	3,833.6	3,770.0	2,782.2	505.8	482.0	63.6	16,050.9
Q2	3,839.7	3,765.9	2,724.1	589.2	452.5	73.8	15,990.7
Q3	3,837.6	3,757.6	2,667.8	667.0	422.8	80.1	15,993.9
2022 Nov.	3,841.1	3,799.1	2,895.8	386.2	517.1	42.0	16,131.0
Dec.	3,834.2	3,793.6	2,878.5	403.9	511.2	40.6	16,068.7
2023 Jan.	3,830.3	3,782.7	2,848.5	434.9	499.3	47.7	16,079.0
Feb.	3,838.1	3,782.2	2,816.0	475.1	491.1	56.0	16,068.3
Mar.	3,833.6	3,770.0	2,782.2	505.8	482.0	63.6	16,050.9
Apr.	3,846.7	3,778.9	2,770.7	535.9	472.3	67.8	15,997.9
May	3,827.7	3,756.6	2,747.7	546.6	462.3	71.1	16,005.5
June	3,839.7	3,765.9	2,724.1	589.2	452.5	73.8	15,990.7
July	3,828.3	3,755.5	2,701.9	611.0	442.6	72.8	15,941.6
Aug.	3,830.5	3,750.2	2,675.9	643.8	430.5	80.3	15,927.7
Sep.	3,837.6	3,757.6	2,667.8	667.0	422.8	80.1	15,993.9
Oct. p	3,833.9	3,748.6	2,640.0	695.7	413.0	85.3	15,972.9
Nov. p	3,830.6	3,745.7	2,620.9	722.4	402.5	84.9	16,007.5
Transactions during period in € billion							
2022 Q3	88.2	79.5	6.2	81.9	-8.6	8.6	260.0
Q4	-17.4	-15.3	-62.4	62.1	-15.0	-2.1	-63.6
2023 Q1	0.2	-22.9	-100.4	101.7	-24.3	23.1	-57.9
Q2	5.5	-5.3	-58.1	82.3	-29.5	10.7	-61.1
Q3	-2.1	-8.2	-56.1	77.7	-29.8	6.1	-4.7
2022 Nov.	-6.0	-11.0	-17.4	11.8	-5.5	5.0	20.9
Dec.	-4.9	-3.7	-15.8	17.9	-5.9	-1.2	-39.8
2023 Jan.	-3.3	-10.4	-34.8	31.3	-7.0	7.2	-34.4
Feb.	6.6	-1.6	-33.2	39.8	-8.2	8.2	-18.3
Mar.	-3.0	-10.9	-32.3	30.6	-9.1	7.8	-5.2
Apr.	13.7	9.4	-11.1	30.2	-9.7	4.3	-47.6
May	-20.7	-23.8	-24.0	10.2	-10.0	3.1	-6.1
June	12.5	9.1	-23.0	41.9	-9.8	3.4	-7.3
July	-10.8	-9.8	-21.8	21.9	-9.9	-0.9	-43.3
Aug.	2.6	-4.8	-25.4	32.7	-12.1	7.4	-19.2
Sep.	6.1	6.4	-8.9	23.1	-7.7	-0.4	57.8
Oct. p	-3.5	-8.7	-27.7	28.8	-9.8	5.2	-19.4
Nov. p	-1.5	-1.4	-17.8	27.0	-10.5	-0.2	45.3
Period-to-period growth rates of transactions as a percentage 5							
2022 Q3	2.3	2.1	0.2	31.5	-1.6	25.5	1.6
Q4	-0.5	-0.4	-2.1	18.2	-2.9	-5.0	-0.4
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	16.9	-0.4
Q3	-0.1	-0.2	-2.1	13.2	-6.6	8.3	-0.0
2022 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	-0.0
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	4.5	-0.0
June	0.3	0.2	-0.8	7.7	-2.1	4.8	-0.0
July	-0.3	-0.3	-0.8	3.7	-2.2	-1.3	-0.3
Aug.	0.1	-0.1	-0.9	5.4	-2.7	10.2	-0.1
Sep.	0.2	0.2	-0.3	3.6	-1.8	-0.5	0.4
Oct. p	-0.1	-0.2	-1.0	4.3	-2.3	6.5	-0.1
Nov. p	-0.0	-0.0	-0.7	3.9	-2.5	-0.2	0.3

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

seasonally adjusted +

Period	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 Q3	5,356.4	4,155.4	1,201.0	1,896.5	561.7	22.1	605.8
Q4	5,358.0	4,173.8	1,184.3	1,869.6	555.8	23.2	606.3
2023 Q1	5,389.3	4,191.5	1,197.8	1,898.8	565.2	27.1	601.3
Q2	5,379.6	4,212.8	1,166.8	1,923.7	571.5	33.1	609.7
Q3	5,362.0	4,217.4	1,144.6	1,964.6	569.1	41.6	636.3
2022 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	23.2	606.3
2023 Jan.	5,387.7	4,186.0	1,201.7	1,878.2	558.5	24.3	603.5
Feb.	5,381.8	4,189.7	1,192.1	1,862.1	558.8	25.5	602.8
Mar.	5,389.3	4,191.5	1,197.8	1,898.8	565.2	27.1	601.3
Apr.	5,388.4	4,206.4	1,182.0	1,902.9	567.8	28.6	597.5
May	5,384.3	4,213.3	1,171.1	1,929.9	571.6	30.6	606.7
June	5,379.6	4,212.8	1,166.8	1,923.7	571.5	33.1	609.7
July	5,381.2	4,218.6	1,162.6	1,945.3	571.6	36.1	615.7
Aug.	5,383.0	4,215.1	1,167.9	1,958.2	568.8	38.7	619.6
Sep.	5,362.0	4,217.4	1,144.6	1,964.6	569.1	41.6	636.3
Oct.	5,357.7	4,215.8	1,142.0	1,984.1	568.1	44.8	639.4
Nov. ^p	5,373.8	4,222.2	1,151.7	1,987.9	571.0	48.5	630.2
Transactions during period in € billion							
2022 Q3	75.7	100.2	-24.5	11.9	-2.2	-0.3	8.8
Q4	23.4	24.7	-1.4	4.6	-5.0	1.0	13.9
2023 Q1	30.3	23.7	6.6	5.1	9.5	3.9	-4.7
Q2	-1.9	25.6	-27.6	32.6	5.4	6.1	7.6
Q3 ⁵	1.9	11.8	-9.9	47.6	-2.8	8.5	22.0
2022 Nov.	17.2	21.3	-4.1	5.9	1.1	0.3	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	-11.6	2.7	1.1	-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	-3.2	9.1	-12.3	16.1	2.8	2.0	5.0
June	1.3	1.1	0.2	9.4	-0.0	2.6	4.6
July	5.6	8.3	-2.7	22.0	0.0	3.0	8.7
Aug.	3.2	-0.4	3.6	7.6	-2.9	2.6	2.4
Sep. ⁵	-6.9	4.0	-10.9	18.1	0.1	2.9	10.9
Oct.	-3.1	1.0	-4.1	10.9	-1.0	3.2	4.6
Nov. ^p	5.3	8.9	-3.5	6.9	2.8	3.6	-2.4
Period-to-period growth rates of transactions as a percentage ⁶							
2022 Q3	1.4	2.5	-1.9	0.6	-0.4	-1.4	1.5
Q4	0.4	0.6	-0.1	0.2	-0.9	4.7	2.3
2023 Q1	0.6	0.6	0.6	0.3	1.7	16.9	-0.8
Q2	-0.0	0.6	-2.3	1.7	1.0	22.4	1.3
Q3 ⁵	0.0	0.3	-0.8	2.5	-0.5	25.6	3.6
2022 Nov.	0.3	0.5	-0.3	0.3	0.2	1.1	0.7
Dec.	-0.1	-0.1	0.2	0.4	-0.7	2.0	1.3
2023 Jan.	0.5	0.4	0.7	-0.6	0.5	4.9	-0.5
Feb.	0.2	0.1	0.4	0.1	0.0	5.0	-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	-1.0	0.8	0.5	7.1	0.8
June	0.0	0.0	0.0	0.5	-0.0	8.3	0.8
July	0.1	0.2	-0.2	1.1	0.0	8.9	1.4
Aug.	0.1	-0.0	0.3	0.4	-0.5	7.2	0.4
Sep. ⁵	-0.1	0.1	-0.9	0.9	0.0	7.6	1.8
Oct.	-0.1	0.0	-0.4	0.6	-0.2	7.7	0.7
Nov. ^p	0.1	0.2	-0.3	0.3	0.5	8.1	-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 partially revised. ⁶ 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	of which:			Non-financial corporations	Breakdown by maturity:			Households 2	Breakdown by use:		
		Financial corporations 1	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 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
Q3	3,403.2	211.3	4.3	206.9	1,166.9	176.1	196.2	794.6	2,025.0	199.2	1,572.6	253.3
2022 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.	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
Sep.	3,403.2	211.3	4.3	206.9	1,166.9	176.1	196.2	794.6	2,025.0	199.2	1,572.6	253.3
Oct.	3,402.1	211.5	4.5	207.0	1,165.8	173.0	197.1	795.8	2,024.8	199.7	1,572.2	252.9
Nov. p	3,404.7	208.5	4.0	204.5	1,170.6	177.3	197.1	796.2	2,025.6	199.6	1,573.7	252.3
Transactions during period in € billion												
2022 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	5.5	0.4	0.0	0.4	3.7	-3.0	1.5	5.2	1.4	-0.2	3.1	-1.4
Q3	4.2	5.9	0.2	5.6	-2.8	-0.8	-3.4	1.4	1.1	0.0	3.0	-1.9
2022 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	4.8	0.0	-0.9	1.0	4.7	-3.9	4.4	4.3	0.0	0.2	0.4	-0.5
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.	-2.4	0.3	-0.1	0.4	-2.8	-2.8	-1.2	1.2	0.2	-0.3	1.2	-0.7
Sep.	1.5	3.0	-0.1	3.1	-2.5	-0.4	-2.6	0.5	1.1	0.1	1.8	-0.7
Oct.	-1.7	0.1	0.1	-0.0	-1.4	-3.4	0.5	1.5	-0.5	0.2	-0.3	-0.5
Nov. p	2.7	-2.5	-0.5	-2.0	4.9	4.1	-0.3	1.1	0.4	-0.5	1.5	-0.7
Period-to-period growth rates of transactions as a percentage 5												
2022 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	0.2	0.7	0.2	0.3	-1.7	0.8	0.7	0.1	-0.1	0.2	-0.6
Q3	0.1	2.9	5.9	2.8	-0.2	-0.5	-1.7	0.2	0.1	0.0	0.2	-0.7
2022 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	0.0	-17.7	0.5	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.	-0.1	0.1	-1.4	0.2	-0.2	-1.6	-0.6	0.1	0.0	-0.2	0.1	-0.3
Sep.	0.0	1.4	-3.1	1.5	-0.2	-0.3	-1.3	0.1	0.1	0.0	0.1	-0.3
Oct.	-0.1	0.1	3.1	-0.0	-0.1	-1.9	0.3	0.2	-0.0	0.1	-0.0	-0.2
Nov. p	0.1	-1.2	-10.8	-1.0	0.4	2.4	-0.2	0.1	0.0	-0.2	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 partially revised. 5 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	Other financial intermediaries (R)	Non-financial corporations	Households 2	General government 3 (R)
			Up to 2 years (R)	Over 2 years	Up to 3 months (R)	Over 3 months					
Outstanding amounts in € billion 4											
2022 Q3	4,109.7	2,753.0	304.0	505.8	525.0	22.0	37.5	188.1	727.7	2,431.3	197.3
Q4	4,092.8	2,707.4	359.0	494.4	509.0	23.0	33.3	177.4	736.0	2,437.4	191.4
2023 Q1	4,101.7	2,642.4	456.1	496.7	479.6	26.9	37.5	173.8	733.7	2,426.3	206.8
Q2	4,123.2	2,594.7	545.6	499.7	450.4	32.8	37.9	175.7	734.5	2,429.4	213.2
Q3	4,129.4	2,547.2	620.0	499.2	421.8	41.4	34.1	170.0	739.0	2,435.0	210.8
2022 Nov.	4,115.9	2,730.7	347.9	499.7	515.0	22.6	36.9	180.0	740.4	2,433.1	203.3
Dec.	4,092.8	2,707.4	359.0	494.4	509.0	23.0	33.3	177.4	736.0	2,437.4	191.4
2023 Jan.	4,126.0	2,708.5	399.0	497.0	497.2	24.2	38.5	181.4	742.7	2,439.8	202.3
Feb.	4,117.1	2,676.7	428.5	497.3	489.1	25.4	37.9	172.4	746.4	2,432.4	205.2
Mar.	4,101.7	2,642.4	456.1	496.7	479.6	26.9	37.5	173.8	733.7	2,426.3	206.8
Apr.	4,103.1	2,624.9	482.3	497.7	469.9	28.3	38.6	175.3	737.2	2,423.8	202.2
May	4,105.0	2,610.7	503.9	500.1	460.0	30.3	40.3	172.9	727.7	2,430.1	203.5
June	4,123.2	2,594.7	545.6	499.7	450.4	32.8	37.9	175.7	734.5	2,429.4	213.2
July	4,117.4	2,570.9	571.0	499.3	440.6	35.6	37.8	174.3	734.8	2,430.1	205.4
Aug.	4,122.1	2,552.3	602.9	498.4	430.3	38.2	36.0	173.1	737.2	2,431.1	208.0
Sep.	4,129.4	2,547.2	620.0	499.2	421.8	41.4	34.1	170.0	739.0	2,435.0	210.8
Oct.	4,132.9	2,528.1	650.2	498.6	411.5	44.5	35.6	172.3	744.7	2,433.9	203.2
Nov. p	4,141.7	2,514.0	676.5	502.3	400.8	48.2	35.3	174.5	747.7	2,432.1	201.6
Transactions during period in € billion											
2022 Q3	86.9	32.3	63.2	-0.7	-7.7	-0.2	6.6	5.2	26.4	30.6	19.0
Q4	-5.1	-41.6	55.6	-4.1	-15.9	1.0	-4.1	-9.5	10.6	6.8	-5.8
2023 Q1	9.7	-69.0	96.7	2.4	-24.4	3.9	4.3	-3.5	-1.8	-11.0	15.4
Q2	20.3	-47.6	88.2	3.0	-29.2	5.9	0.3	-0.3	2.1	3.1	6.1
Q3 5	5.3	-47.5	73.7	-0.9	-28.7	8.6	-4.0	-5.6	4.2	5.4	-2.4
2022 Nov.	14.2	0.6	16.4	2.6	-5.7	0.3	-2.6	-0.8	5.5	2.5	6.6
Dec.	-21.6	-22.1	11.4	-5.4	-6.0	0.4	-3.6	-2.5	-3.3	4.6	-11.9
2023 Jan.	33.6	-3.7	40.2	2.7	-6.8	1.2	5.2	4.0	7.1	2.5	10.9
Feb.	-9.6	-32.3	29.2	0.3	-8.1	1.2	-0.6	-9.2	3.3	-7.5	2.9
Mar.	-14.3	-33.1	27.3	-0.5	-9.5	1.5	-0.3	1.7	-12.2	-6.0	1.6
Apr.	1.8	-17.2	26.3	1.0	-9.8	1.5	1.1	1.9	3.6	-2.5	-4.7
May	0.8	-14.9	21.2	2.4	-9.9	2.0	1.7	-2.7	-9.9	6.2	1.1
June	17.7	-15.5	40.7	-0.4	-9.6	2.5	-2.4	0.5	8.4	-0.6	9.8
July	-5.4	-23.5	25.6	-0.5	-9.9	2.8	-0.0	-1.2	0.6	0.8	-7.8
Aug. 5	4.2	-18.3	31.2	-1.0	-10.3	2.6	-1.9	-1.3	2.3	0.9	2.6
Sep. 5	6.5	-5.7	17.0	0.5	-8.5	3.2	-2.0	-3.1	1.3	3.8	2.7
Oct.	3.6	-19.0	30.3	-0.5	-10.3	3.1	1.6	2.4	5.7	-1.2	-7.6
Nov. p	9.8	-13.3	26.4	3.7	-10.7	3.7	-0.3	2.4	3.5	-1.6	-1.6
Period-to-period growth rates of transactions as a percentage 6											
2022 Q3	2.2	1.2	26.3	-0.1	-1.4	-1.0	21.4	2.9	3.8	1.3	10.7
Q4	-0.1	-1.5	18.3	-0.8	-3.0	4.6	-11.0	-5.1	1.5	0.3	-2.9
2023 Q1	0.2	-2.5	26.9	0.5	-4.8	16.9	12.9	-2.0	-0.2	-0.5	8.0
Q2	0.5	-1.8	19.3	0.6	-6.1	21.9	0.8	-0.2	0.3	0.1	3.0
Q3 5	0.1	-1.8	13.5	-0.2	-6.4	26.3	-10.5	-3.2	0.6	0.2	-1.1
2022 Nov.	0.3	0.0	4.9	0.5	-1.1	1.3	-6.5	-0.4	0.8	0.1	3.4
Dec.	-0.5	-0.8	3.3	-1.1	-1.2	1.9	-9.8	-1.4	-0.4	0.2	-5.8
2023 Jan.	0.8	-0.1	11.2	0.5	-1.3	5.4	15.7	2.3	1.0	0.1	5.7
Feb.	-0.2	-1.2	7.3	0.1	-1.6	4.9	-1.5	-5.1	0.4	-0.3	1.4
Mar.	-0.3	-1.2	6.4	-0.1	-1.9	5.7	-0.9	1.0	-1.6	-0.2	0.8
Apr.	0.0	-0.7	5.8	0.2	-2.0	5.4	2.8	1.1	0.5	-0.1	-2.3
May	0.0	-0.6	4.4	0.5	-2.1	6.9	4.4	-1.5	-1.3	0.3	0.6
June	0.4	-0.6	8.1	-0.1	-2.1	8.2	-6.1	0.3	1.2	-0.0	4.8
July	-0.1	-0.9	4.7	-0.1	-2.2	8.6	-0.1	-0.7	0.1	0.0	-3.7
Aug. 5	0.1	-0.7	5.5	-0.2	-2.3	7.3	-5.1	-0.8	0.3	0.0	1.3
Sep. 5	0.2	-0.2	2.8	0.1	-2.0	8.4	-5.6	-1.8	0.2	0.2	1.3
Oct.	0.1	-0.7	4.9	-0.1	-2.4	7.5	4.6	1.4	0.8	-0.0	-3.6
Nov. p	0.2	-0.5	4.1	0.7	-2.6	8.3	-0.8	1.4	0.5	-0.1	-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 partially revised. 6 Figures calculated on the basis of indices with five decimal places.

II. Macroeconomic accounting systems

2. GDP expenditure components at previous-year prices *

														seasonally adjusted				
Gross domestic product	Domestic use ¹ (R)		of which:								Net exports ⁴ (R)	Exports ¹	Imports ¹ (R)					
			Private consumption ² (R)		Government consumption (R)		Machinery and equipment		Buildings (A)					Changes in inventories ³ (R)				
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 = 100 ⁵																		
2016 Q4	102.57	0.4	104.11	1.1	102.99	0.6	104.85	0.5	102.67	-0.2	104.05	0.7	-	-	102.75	0.6	106.41	2.4
2017 Q1	103.80	1.2	104.54	0.4	103.24	0.2	104.85	0.0	104.42	1.7	103.37	-0.7	-	-	105.43	2.6	107.50	1.0
Q2	104.76	0.9	105.74	1.1	103.53	0.3	105.52	0.6	107.46	2.9	105.51	2.1	-	-	107.27	1.7	110.12	2.4
Q3	105.42	0.6	106.03	0.3	104.10	0.6	105.94	0.4	109.18	1.6	106.02	0.5	-	-	108.53	1.2	110.61	0.4
Q4	106.42	0.9	107.26	1.2	105.09	1.0	106.76	0.8	109.74	0.5	105.92	-0.1	-	-	109.72	1.1	112.40	1.6
2018 Q1	105.78	-0.6	106.23	-1.0	105.33	0.2	106.03	-0.7	111.72	1.8	105.30	-0.6	-	-	110.61	0.8	112.64	0.2
Q2	106.64	0.8	107.35	1.1	105.33	0.0	106.84	0.8	112.17	0.4	107.39	-2.0	-	-	110.92	0.3	113.48	0.7
Q3	105.65	-0.9	107.87	0.5	105.10	-0.2	106.58	-0.2	112.78	0.5	109.24	1.7	-	-	109.91	-0.9	116.09	2.3
Q4	106.56	0.9	109.08	1.1	106.30	1.1	107.06	0.5	113.53	0.7	110.04	0.7	-	-	109.85	-0.1	116.56	0.4
2019 Q1	107.29	0.7	108.79	-0.3	107.01	0.7	108.46	1.3	115.06	1.3	108.61	-1.3	-	-	113.95	3.7	118.88	2.0
Q2	107.25	-0.0	109.21	0.4	107.04	0.0	108.70	0.2	115.34	0.2	108.22	-0.4	-	-	112.22	-1.5	117.93	-0.8
Q3	107.23	-0.0	108.94	-0.2	107.31	0.3	110.34	1.5	113.69	-1.4	109.60	1.3	-	-	113.24	0.9	118.54	0.5
Q4	107.55	0.3	110.04	1.0	107.61	0.3	110.27	-0.1	111.27	-2.1	110.02	0.4	-	-	112.02	-1.1	118.92	0.3
2020 Q1	105.65	-1.8	108.64	-1.3	104.83	-2.6	111.26	0.9	103.27	-7.2	113.96	3.6	-	-	109.73	-2.0	117.79	-1.0
Q2	95.91	-9.2	100.74	-7.3	93.25	-11.0	111.18	-0.1	88.45	-14.4	110.68	-2.9	-	-	87.29	-20.5	97.35	-17.4
Q3	104.46	8.9	106.52	5.7	103.44	10.9	116.43	4.7	102.93	16.4	110.51	-0.2	-	-	102.27	17.2	106.77	9.7
Q4	105.28	0.8	106.54	0.0	101.39	-2.0	116.90	0.4	105.33	2.3	114.48	3.6	-	-	106.85	4.5	110.14	3.2
2021 Q1	103.94	-1.3	105.59	-0.9	97.50	-3.8	114.64	-1.9	103.65	-1.6	109.64	-4.2	-	-	109.67	2.6	114.83	4.3
Q2	106.26	2.2	108.19	2.5	100.50	3.1	118.32	3.2	104.67	1.0	111.45	1.7	-	-	110.77	1.0	116.37	1.3
Q3	106.97	0.7	109.21	0.9	105.46	4.9	118.49	0.1	100.04	-4.4	108.03	-3.1	-	-	110.10	-0.6	116.17	-0.2
Q4	106.98	0.0	109.77	0.5	105.49	0.0	118.55	0.1	101.87	1.8	108.09	0.1	-	-	114.13	3.7	122.53	5.5
2022 Q1	108.05	1.0	111.08	1.2	106.04	0.5	119.83	1.1	103.85	1.9	111.64	3.3	-	-	113.97	-0.1	122.59	0.0
Q2	107.91	-0.1	111.58	0.5	105.69	-0.3	120.30	0.4	105.50	1.6	107.28	-3.9	-	-	114.97	0.9	125.37	2.3
Q3	108.30	0.4	112.52	0.8	107.22	1.4	118.65	-1.4	109.93	4.2	106.63	-0.6	-	-	116.15	1.0	128.06	2.1
Q4	107.86	-0.4	111.68	-0.7	106.04	-1.1	118.59	-0.1	108.24	-1.5	104.55	-2.0	-	-	114.93	-1.1	125.71	-1.8
2023 Q1 ⁶	107.86	0.0	110.61	-1.0	105.23	-0.8	116.96	-1.4	110.52	2.1	107.35	2.7	-	-	114.70	-0.2	123.00	-2.2
Q2	108.01	0.1	111.34	0.7	105.39	0.2	116.49	-0.4	111.28	0.7	106.37	-0.9	-	-	113.70	-0.9	123.16	0.1
Q3	107.87	-0.1	110.93	-0.4	105.11	-0.3	116.75	0.2	112.53	1.1	106.83	0.4	-	-	112.84	-0.8	121.59	-1.3
Statistical contribution to GDP growth in percentage points ⁵																		
	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 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	-	0.1	-	0.0	-	0.1	-	-0.1	-	0.1	0.8	1.2	-	-0.4	-
Q2	-	-	1.1	1.4	0.2	0.4	0.1	0.1	0.2	0.2	0.2	0.1	0.4	-0.2	0.8	1.8	-1.0	-1.3
Q3	-	-	0.3	-	0.3	-	0.1	-	0.1	-	0.1	-	-0.3	0.4	0.6	-	-0.2	-
Q4	-	-	1.1	1.3	0.5	0.6	0.2	0.2	0.0	0.2	0.0	0.1	0.3	-0.1	0.5	1.2	-0.6	-1.0
2018 Q1	-	-	-0.9	-	0.1	-	-0.1	-	0.1	-	-0.1	-	-0.9	0.3	0.4	-	-0.1	-
Q2	-	-	1.0	0.1	0.0	0.4	0.2	0.0	0.0	0.2	0.0	0.0	0.5	-0.2	0.1	0.7	-0.3	-0.6
Q3	-	-	0.5	-	-0.1	-	-0.1	-	0.0	-	0.2	-	0.4	-1.4	-0.4	-	-0.9	-
Q4	-	-	1.1	1.5	0.6	0.2	0.1	0.1	0.1	0.1	0.3	0.2	-0.2	0.0	-0.4	-	-0.2	-1.2
2019 Q1	-	-	-0.3	-	0.4	-	0.3	-	0.1	-	-0.1	-	-0.9	0.9	1.8	-	-0.8	-
Q2	-	-	0.4	0.5	0.0	0.7	0.0	0.3	0.0	0.1	0.0	-0.1	0.3	-0.4	-0.7	1.4	0.3	-0.8
Q3	-	-	-0.2	-	0.1	-	0.3	-	-0.1	-	0.1	-	-0.7	0.2	0.4	-	-0.2	-
Q4	-	-	1.0	0.4	0.2	0.2	0.0	0.3	-0.2	-0.2	0.0	0.1	0.9	-0.7	-0.5	-0.2	-0.1	-0.1
2020 Q1	-	-	-1.2	-	-1.3	-	0.2	-	-0.5	-	0.4	-	0.2	-0.6	-1.0	-	0.4	-
Q2	-	-	-6.9	-4.1	-5.7	-4.1	0.0	0.2	-0.9	-1.0	-0.3	0.2	0.2	-2.3	-9.5	-5.9	7.2	3.9
Q3	-	-	5.6	-	5.5	-	1.1	-	1.0	-	0.0	-	-2.1	3.4	7.0	-	-3.7	-
Q4	-	-	0.0	1.7	-1.0	1.7	0.1	1.1	0.2	0.5	0.4	0.0	0.4	0.8	2.0	2.7	-1.2	-0.3
2021 Q1	-	-	-0.8	-	-1.9	-	-0.4	-	-0.1	-	-0.5	-	2.0	-0.4	1.2	-	-1.6	-
Q2	-	-	2.3	0.3	1.5	-1.7	0.7	0.0	0.1	0.0	0.2	-0.2	-0.2	-0.1	0.5	2.4	-0.5	-2.4
Q3	-	-	0.9	-	2.4	-	0.0	-	-0.3	-	-0.3	-	-0.9	-0.2	-0.3	-	0.1	-
Q4	-	-	0.5	2.3	0.0	3.2	0.0	0.4	0.1	-0.2	0.0	-0.2	0.4	-0.5	1.7	0.8	-2.1	-1.3
2022 Q1	-	-	1.1	-	0.3	-	0.2	-	0.1	-	0.4	-	0.2	-0.1	-0.1	-	0.0	-
Q2	-	-	0.4	1.6	-0.2	0.2	-0.1	0.3	0.1	0.2	-0.4	0.1	0.8	-0.6	0.4	1.0	-1.0	-1.6
Q3	-	-	0.8	-	0.7	-	-0.3	-	0.3	-	-0.1	-	0.2	-0.5	0.5	-	-0.9	-
Q4	-	-	-0.7	0.7	-0.6	0.4	0.0	-0.3	-0.1	0.3	-0.2	-0.4	0.1	0.3	-0.5	0.5	0.8	-1.0
2023 Q1 ⁶	-	-	-0.9	-	-0.4	-	-0.3	-	0.1	-	0.3	-	-0.6	1.0	-0.1	-	1.1	-
Q2	-	-	0.6	-1.0	0.1	-0.6	-0.1	-0.4	0.1	0.1	-0.1	0.1	0.7	-0.5	-0.4	-0.6	-0.1	1.5
Q3	-	-	-0.4	-	-0.1	-	0.1	-	0.1	-	0.1	-	-0.4	0.2	-0.4	-	0.6	-

Source of the unadjusted figures: Federal Statistical Office. * Last update: November 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 2023. ⁷ Figures subject to increased uncertainty.

II. Macroeconomic accounting systems

4. National income *

Period	seasonally adjusted +									
	Gross national income (GNP) 1		National income		Compensation of employees (residents) 1,2 (R)			Entrepreneurial and property income 1,3 (R)		
	€ 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 Q4	619.250	2.0	459.462	2.1	295.244	0.2	64.3	164.218	5.5	35.7
2007 Q1	629.030	1.6	465.088	1.2	297.801	0.9	64.0	167.287	1.9	36.0
Q2	630.685	0.3	462.155	-0.6	300.038	0.8	64.9	162.117	-3.1	35.1
Q3	634.392	0.6	466.239	0.9	301.983	0.6	64.8	164.256	1.3	35.2
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
Q2	650.735	1.4	476.917	0.7	311.814	0.9	65.4	165.103	0.3	34.6
Q3	643.720	-1.1	468.936	-1.7	313.891	0.7	66.9	155.045	-6.1	33.1
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
Q2	617.194	0.3	443.912	-0.0	312.914	-0.3	70.5	130.998	0.6	29.5
Q3	630.443	2.1	455.521	2.6	314.946	0.6	69.1	140.575	7.3	30.9
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
Q2	649.253	1.9	470.561	0.8	321.969	0.8	68.4	148.592	0.7	31.6
Q3	659.160	1.5	478.674	1.7	325.466	1.1	68.0	153.208	3.1	32.0
Q4	669.998	1.6	488.947	2.1	328.675	1.0	67.2	160.272	4.6	32.8
2011 Q1	682.054	1.8	500.020	2.3	333.553	1.5	66.7	166.467	3.9	33.3
Q2	686.159	0.6	498.666	-0.3	337.280	1.1	67.6	161.386	-3.1	32.4
Q3	696.875	1.6	508.236	1.9	339.389	0.6	66.8	168.847	4.6	33.2
Q4	697.446	0.1	509.157	0.2	341.974	0.8	67.2	167.183	-1.0	32.8
2012 Q1	701.688	0.6	512.301	0.6	346.393	1.3	67.6	165.908	-0.8	32.4
Q2	698.394	-0.5	506.175	-1.2	350.918	1.3	69.3	155.257	-6.4	30.7
Q3	704.459	0.9	509.822	0.7	353.009	0.6	69.2	156.813	1.0	30.8
Q4	706.637	0.3	511.461	0.3	355.570	0.7	69.5	155.891	-0.6	30.5
2013 Q1	702.819	-0.5	510.310	-0.2	356.817	0.4	69.9	153.493	-1.5	30.1
Q2	721.160	2.6	524.861	2.9	360.088	0.9	68.6	164.773	7.3	31.4
Q3	725.138	0.6	524.611	-0.0	363.462	0.9	69.3	161.149	-2.2	30.7
Q4	727.332	0.3	526.992	0.5	366.243	0.8	69.5	160.749	-0.2	30.5
2014 Q1	737.043	1.3	538.255	2.1	371.523	1.4	69.0	166.732	3.7	31.0
Q2	742.064	0.7	539.181	0.2	374.306	0.7	69.4	164.875	-1.1	30.6
Q3	750.954	1.2	546.296	1.3	377.542	0.9	69.1	168.754	2.4	30.9
Q4	756.020	0.7	549.568	0.6	380.580	0.8	69.3	168.988	0.1	30.7
2015 Q1	760.920	0.6	555.124	1.0	384.371	1.0	69.2	170.753	1.0	30.8
Q2	766.976	0.8	556.763	0.3	390.040	1.5	70.1	166.723	-2.4	29.9
Q3	781.026	1.8	568.977	2.2	393.221	0.8	69.1	175.756	5.4	30.9
Q4	786.221	0.7	571.891	0.5	397.181	1.0	69.5	174.710	-0.6	30.5
2016 Q1	790.763	0.6	577.393	1.0	400.659	0.9	69.4	176.734	1.2	30.6
Q2	807.976	2.2	591.313	2.4	403.750	0.8	68.3	187.563	6.1	31.7
Q3	803.304	-0.6	586.285	-0.9	407.822	1.0	69.6	178.463	-4.9	30.4
Q4	810.461	0.9	590.513	0.7	412.821	1.2	69.9	177.692	-0.4	30.1
2017 Q1	824.926	1.8	602.799	2.1	417.414	1.1	69.2	185.385	4.3	30.8
Q2	830.134	0.6	604.894	0.3	421.979	1.1	69.8	182.915	-1.3	30.2
Q3	839.495	1.1	615.719	1.8	425.668	0.9	69.1	190.051	3.9	30.9
Q4	850.451	1.3	620.828	0.8	431.257	1.3	69.5	189.571	-0.3	30.5
2018 Q1	857.711	0.9	626.721	0.9	436.112	1.1	69.6	190.609	0.5	30.4
Q2	871.653	1.6	636.760	1.6	441.261	1.2	69.3	195.499	2.6	30.7
Q3	866.913	-0.5	632.691	-0.6	446.474	1.2	70.6	186.217	-4.7	29.4
Q4	882.633	1.8	642.984	1.6	450.167	0.8	70.0	192.817	3.5	30.0
2019 Q1	894.544	1.3	651.772	1.4	457.353	1.6	70.2	194.419	0.8	29.8
Q2	897.025	0.3	653.235	0.2	463.252	1.3	70.9	189.983	-2.3	29.1
Q3	905.482	0.9	661.471	1.3	467.983	1.0	70.7	193.488	1.8	29.3
Q4	907.075	0.2	656.367	-0.8	467.729	-0.1	71.3	188.638	-2.5	28.7
2020 Q1	898.567	-0.9	652.811	-0.5	470.579	0.6	72.1	182.232	-3.4	27.9
Q2	820.809	-8.7	599.424	-8.2	449.411	-4.5	75.0	150.013	-17.7	25.0
Q3	879.899	7.2	650.456	8.5	463.981	3.2	71.3	186.475	24.3	28.7
Q4	901.643	2.5	662.980	1.9	469.641	1.2	70.8	193.339	3.7	29.2
2021 Q1	903.666	0.2	669.935	1.0	467.719	-0.4	69.8	202.216	4.6	30.2
Q2	926.885	2.6	688.312	2.7	472.876	1.1	68.7	215.436	6.5	31.3
Q3	954.483	3.0	697.369	1.3	485.741	2.7	69.7	211.628	-1.8	30.3
Q4	971.762	1.8	713.675	2.3	491.924	1.3	68.9	221.751	4.8	31.1
2022 Q1	990.111	1.9	709.983	-0.5	499.274	1.5	70.3	210.709	-5.0	29.7
Q2	999.464	0.9	714.358	0.6	498.845	-0.1	69.8	215.513	2.3	30.2
Q3	1,008.652	0.9	726.699	1.7	506.473	1.5	69.7	220.226	2.2	30.3
Q4	1,029.373	2.1	739.888	1.8	518.970	2.5	70.1	220.918	0.3	29.9
2023 Q1	1,053.530	2.3	763.946	3.3	532.585	2.6	69.7	231.361	4.7	30.3
Q2	1,067.947	1.4	765.910	0.3	533.844	0.2	69.7	232.066	0.3	30.3
Q3	1,072.248	0.4	771.232	0.7	541.486	1.4	70.2	229.746	-1.0	29.8

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

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 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 82.38	0.9	³ 85.54	0.9	³ 95.56	1.0	89.51	-0.0
Q2	95.89	-0.4	³ 81.71	-0.8	³ 85.21	-0.4	³ 94.93	-0.7	89.76	0.3
Q3	95.74	-0.2	83.40	2.1	87.11	2.2	96.84	2.0	89.95	0.2
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
Q2	92.74	1.5	86.52	1.3	93.29	-0.2	102.16	-0.6	91.31	0.4
Q3	93.27	0.6	86.65	0.2	92.90	-0.4	101.19	-0.9	91.80	0.5
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
Q2	95.11	1.1	86.74	-0.8	91.20	-1.8	99.59	-1.2	91.57	-0.6
Q3	95.54	0.5	87.18	0.5	91.25	0.1	98.85	-0.7	92.30	0.8
Q4	95.04	-0.5	86.35	-1.0	90.86	-0.4	98.23	-0.6	92.50	0.2
2011 Q1	96.95	2.0	88.04	2.0	90.81	-0.1	98.13	-0.1	92.54	0.0
Q2	97.30	0.4	89.25	1.4	91.73	1.0	98.76	0.6	92.87	0.4
Q3	97.87	0.6	89.56	0.3	91.51	-0.2	98.14	-0.6	93.24	0.4
Q4	97.49	-0.4	90.22	0.7	92.54	1.1	98.61	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
Q2	98.18	0.7	93.10	2.8	94.83	2.1	100.76	1.9	94.10	0.2
Q3	98.31	0.1	93.58	0.5	95.19	0.4	100.44	-0.3	94.76	0.7
Q4	98.04	-0.3	94.11	0.6	95.99	0.8	100.73	0.3	95.30	0.6
2013 Q1	98.18	0.1	95.37	1.3	97.14	1.2	101.29	0.6	95.90	0.6
Q2	98.40	0.2	94.67	-0.7	96.21	-1.0	100.03	-1.2	96.18	0.3
Q3	98.43	0.0	94.91	0.3	96.42	0.2	99.81	-0.2	96.60	0.4
Q4	98.87	0.4	96.17	1.3	97.27	0.9	100.52	0.7	96.76	0.2
2014 Q1	98.94	0.1	96.51	0.4	97.54	0.3	99.91	-0.6	97.62	0.9
Q2	99.24	0.3	97.41	0.9	98.16	0.6	100.02	0.1	98.12	0.5
Q3	99.64	0.4	97.68	0.3	98.03	-0.1	99.66	-0.4	98.36	0.2
Q4	100.16	0.5	98.41	0.7	98.25	0.2	99.69	0.0	98.56	0.2
2015 Q1	99.47	-0.7	99.04	0.6	99.57	1.3	100.07	0.4	99.48	0.9
Q2	99.80	0.3	100.05	1.0	100.25	0.7	100.34	0.3	99.88	0.4
Q3	100.37	0.6	100.44	0.4	100.07	-0.2	99.87	-0.5	100.18	0.3
Q4	100.34	-0.0	100.46	0.0	100.12	0.0	99.74	-0.1	100.36	0.2
2016 Q1	101.41	1.1	102.66	2.2	101.23	1.1	100.34	0.6	100.88	0.5
Q2	101.16	-0.2	100.91	-1.7	99.75	-1.5	98.55	-1.8	101.20	0.3
Q3	101.21	0.0	102.60	1.7	101.37	1.6	100.00	1.5	101.36	0.2
Q4	101.66	0.4	103.90	1.3	102.20	0.8	100.37	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
Q2	103.02	0.6	105.29	1.6	102.20	1.0	99.57	0.5	102.62	0.5
Q3	103.05	0.0	105.58	0.3	102.46	0.3	99.36	-0.2	103.09	0.5
Q4	104.19	1.1	107.19	1.5	102.88	0.4	99.35	-0.0	103.52	0.4
2018 Q1	103.99	-0.2	108.20	0.9	104.05	1.1	100.05	0.7	103.98	0.4
Q2	103.47	-0.5	107.73	-0.4	104.12	0.1	99.62	-0.4	104.50	0.5
Q3	102.70	-0.7	109.77	1.9	106.88	2.7	101.62	2.0	105.16	0.6
Q4	103.36	0.6	110.03	0.2	106.45	-0.4	100.47	-1.1	105.92	0.7
2019 Q1	103.75	0.4	111.22	1.1	107.20	0.7	101.04	0.6	106.08	0.2
Q2	104.47	0.7	113.60	2.1	108.74	1.4	101.87	0.8	106.71	0.6
Q3	103.48	-0.9	113.00	-0.5	109.20	0.4	101.55	-0.3	107.51	0.7
Q4	104.77	1.2	114.53	1.4	109.32	0.1	100.97	-0.6	108.25	0.7
2020 Q1	104.42	-0.3	115.70	1.0	110.80	1.4	101.70	0.7	108.96	0.7
Q2	101.36	-2.9	118.16	2.1	116.57	5.2	105.90	4.1	110.09	1.0
Q3	108.54	7.1	119.81	1.4	110.38	-5.3	101.84	-3.8	108.37	-1.6
Q4	106.86	-1.5	117.60	-1.8	110.05	-0.3	100.69	-1.1	109.29	0.8
2021 Q1	105.26	-1.5	117.57	-0.0	111.69	1.5	100.67	-0.0	110.93	1.5
Q2	104.93	-0.3	115.61	-1.7	110.18	-1.4	99.23	-1.4	111.00	0.1
Q3	107.70	2.6	121.07	4.7	112.41	2.0	99.32	0.1	113.17	2.0
Q4	105.83	-1.7	119.71	-1.1	113.12	0.6	98.73	-0.6	114.55	1.2
2022 Q1	106.41	0.5	121.41	1.4	114.10	0.9	98.29	-0.4	116.06	1.3
Q2	106.40	-0.0	121.56	0.1	114.25	0.1	97.12	-1.2	117.62	1.3
Q3	106.14	-0.2	122.61	0.9	115.52	1.1	97.58	0.5	118.36	0.6
Q4	106.88	0.7	127.30	3.8	119.11	3.1	98.08	0.5	121.42	2.6
2023 Q1	105.58	-1.2	127.80	0.4	121.05	1.6	97.89	-0.2	123.63	1.8
Q2	105.17	-0.4	128.68	0.7	122.35	1.1	97.53	-0.4	125.44	1.5
Q3	105.28	0.1	131.06	1.8	124.49	1.7	98.35	0.8	126.56	0.9

Sources of the unadjusted figures: Federal Statistical Office, Institute for Employment Research of the Federal Employment Agency. * Last update: November 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 2023.

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 (R)		Construction industry				of which:				Total excluding construction industry (R)		of which:			
							Main construction industry		Specialised construction activities				Energy		Industry (R)	
100.00	14.04		6.04		8.00		85.96		6.37		79.60					
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly		
2018 Nov.	103.3	104.3	109.5	110.5	119.4	120.0	102.1	103.4	102.3	103.3	94.0	94.6	103.0	104.0		
Dec.	104.6		111.6		119.9		105.4		103.4		96.0		104.0			
2019 Jan.	104.1	104.4	109.8	112.1	116.7	124.6	104.6	104.6	103.2	103.2	97.5	95.2	103.7	103.8		
Feb.	104.1		113.3		124.6		104.8		102.6		93.8		103.3			
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		91.6		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	89.6	103.6	103.0		
June	102.8		112.3		126.0		101.9		101.3		87.0		102.4			
July ²	102.6		113.1		125.6		103.7		100.9		86.7		102.0			
Aug. ²	103.0	102.6	113.3	113.5	125.3	126.0	104.2	104.1	101.3	100.8	87.1	86.8	102.4	101.9		
Sep.	102.3		114.2		127.1		104.4		100.3		86.6		101.4			
Oct.	101.5		112.1		125.4		102.1		99.8		88.1		100.7			
Nov.	102.1	101.1	114.0	113.0	127.5	126.3	103.8	102.9	100.1	99.2	90.2	89.2	100.9	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		75.7		71.3			
May	84.3	84.8	113.1	114.3	130.2	129.8	100.2	102.6	79.6	80.0	76.6	78.2	79.8	80.1		
June	92.6		116.5		129.7		106.6		88.7		82.2		89.2			
July	93.6		111.2		129.5		97.4		90.7		80.7		91.5			
Aug.	93.9	94.5	113.6	113.1	129.6	130.0	101.5	100.4	90.7	91.4	87.6	84.5	90.9	92.0		
Sep.	95.9		114.6		130.8		102.4		92.9		85.1		93.5			
Oct.	99.1		115.3		129.5		104.6		96.5		87.6		97.2			
Nov.	100.5	100.4	117.9	119.9	132.4	130.2	107.0	112.2	97.7	97.3	87.0	86.7	98.6	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	99.1	108.0	112.6	118.8	127.8	99.8	101.1	95.7	97.0	83.9	85.7	96.6	97.8		
Mar.	100.7		120.0		139.7		105.1		97.6		86.1		98.5			
Apr.	100.4		116.6		134.5		103.1		97.7		90.3		98.3			
May	99.3	99.3	116.9	116.4	132.7	133.2	105.0	103.8	96.4	96.4	87.0	87.7	97.1	97.1		
June	98.1		115.8		132.4		103.2		95.2		85.8		96.0			
July ²	99.0		115.1		132.7		101.8		96.4		82.9		97.5			
Aug. ²	95.5	96.6	113.0	114.2	129.1	131.6	100.8	101.1	92.7	93.8	87.2	86.4	93.1	94.4		
Sep.	95.4		114.6		133.0		100.8		92.3		89.2		92.6			
Oct.	98.1		114.5		133.2		100.4		95.4		88.2		96.0			
Nov.	98.7	98.6	115.0	114.1	133.5	132.4	101.1	100.3	96.0	96.1	88.2	88.2	96.6	96.7		
Dec.	99.1		112.8		130.6		99.4		96.9		88.3		97.6			
2022 Jan.	99.7		116.4		137.4		100.5		97.0		88.1		97.7			
Feb.	99.7	98.6	115.9	116.4	136.4	137.5	100.5	100.4	97.0	95.7	91.4	88.6	97.5	96.3		
Mar.	96.5		116.8		138.6		100.3		93.2		86.4		93.7			
Apr.	97.1		112.5		132.4		97.5		94.6		92.7		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	88.7	95.9	95.7		
June	98.2		113.2		134.1		97.4		95.8		86.7		96.5			
July ²	97.8		112.5		133.3		96.8		95.4		87.7		96.0			
Aug. ^{2,r}	97.4	97.9	111.0	111.5	131.3	132.0	95.6	96.0	95.2	95.7	85.1	85.6	96.0	96.5		
Sep.	98.4		111.0		131.5		95.6		96.4		83.9		97.4			
Oct.	97.7		112.6		134.9		95.8		95.3		77.3		96.7			
Nov.	98.5	97.3	111.8	109.2	135.3	131.0	94.0	92.8	96.3	95.3	80.5	79.5	97.6	96.6		
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		79.4		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		78.2		96.8			
Apr.	98.0		113.7		135.5		97.2		95.4		75.9		97.0			
May	98.0	97.5	114.2	112.9	136.5	134.6	97.4	96.5	95.3	95.0	68.7	71.0	97.4	96.9		
June	96.5		110.8		131.9		94.8		94.2		68.3		96.3			
July ^{2,r}	96.0		113.6		134.7		97.7		93.1		68.2		95.1			
Aug. ^{2,r}	95.9	95.5	110.7	111.9	130.4	132.8	95.8	96.2	93.5	92.8	66.5	66.4	95.7	95.0		
Sep. ^r	94.7		111.5		133.3		95.1		91.9		64.6		94.1			
Oct. ^o	94.4		109.6		129.9		94.3		91.9		68.8		93.7			
Nov. ^{o,p}	93.7	...	106.4	...	129.7	...	88.8	...	91.6	...	71.5	...	93.2	...		

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 (R)		of which:			
							Durable consumer goods (R)		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 Aug. ²	106.1	105.8	104.0	103.3	110.5	109.5	106.2	106.0	111.4	110.2
Sep.	105.4		103.2		109.5		108.3		109.7	
Oct.	105.2		105.1		104.3		105.0		104.1	
Nov.	104.3	104.6	102.3	104.0	101.9	102.6	102.9	103.9	101.7	102.3
Dec.	104.3		104.6		101.5		103.8		101.0	
2019 Jan.	104.7		102.7		104.1		107.8		103.3	
Feb.	103.2	104.1	103.8	103.8	102.1	103.2	105.7	107.5	101.3	102.3
Mar.	104.4		104.9		103.4		108.9		102.2	
Apr.	103.0		103.3		102.8		102.5		102.9	
May	102.4	102.2	104.7	104.0	103.0	102.2	105.8	104.5	102.4	101.7
June	101.2		103.9		100.7		105.2		99.8	
July ²	101.3		102.7		101.7		104.7		101.1	
Aug. ²	101.5	101.2	103.5	102.9	101.3	101.0	106.3	106.1	100.2	99.9
Sep.	100.7		102.4		99.9		107.2		98.4	
Oct.	101.3		99.9		101.7		106.7		100.6	
Nov.	100.4	99.7	100.8	99.7	102.0	101.3	107.1	106.6	100.9	100.1
Dec.	97.5		98.5		100.1		106.0		98.9	
2020 Jan.	102.0		100.7		103.0		106.1		102.4	
Feb.	103.0	100.5	101.2	95.8	104.4	101.7	104.3	101.3	104.4	101.8
Mar.	96.5		85.4		97.6		93.4		98.5	
Apr.	82.4		56.1		89.0		71.7		92.6	
May	83.4	84.6	72.8	72.1	91.4	92.4	88.7	85.5	92.0	93.8
June	88.1		87.4		96.8		96.2		96.9	
July	91.3		89.7		97.2		97.1		97.2	
Aug.	94.1	93.7	86.5	88.7	96.3	97.3	101.1	99.5	95.3	96.8
Sep.	95.8		90.0		98.3		100.2		97.9	
Oct.	99.2		95.6		97.4		101.8		96.5	
Nov.	101.3	101.1	96.9	95.9	97.1	97.9	105.6	104.1	95.3	96.6
Dec.	102.7		95.2		99.1		104.8		97.9	
2021 Jan.	103.7		94.7		97.0		102.7		95.8	
Feb.	101.2	103.0	93.1	93.8	95.9	97.6	99.5	100.3	95.2	97.1
Mar.	104.2		93.5		100.0		98.8		100.3	
Apr.	103.9		94.6		96.1		103.5		94.5	
May	104.5	104.1	90.1	90.7	100.2	99.5	104.1	104.5	99.4	98.4
June	103.9		87.5		102.2		105.8		101.4	
July ²	103.4		91.2		101.9		106.8		100.9	
Aug. ²	101.1	101.7	84.2	86.3	100.2	100.9	100.7	103.3	100.1	100.4
Sep.	100.6		83.4		100.7		102.4		100.3	
Oct.	101.0		90.3		100.8		105.9		99.7	
Nov.	101.6	101.6	90.7	91.2	102.0	101.2	105.8	106.3	101.2	100.2
Dec.	102.3		92.7		100.9		107.1		99.6	
2022 Jan.	103.0		92.6		100.1		103.1		99.5	
Feb.	102.7	102.1	91.6	89.7	102.4	101.8	105.4	103.4	101.8	101.5
Mar.	100.6		85.0		102.9		101.6		103.2	
Apr.	100.8		88.2		99.8		107.1		98.3	
May	100.6	100.7	90.3	90.1	101.1	100.5	108.7	107.1	99.5	99.1
June	100.7		91.7		100.6		105.5		99.6	
July ²	100.2		91.7		98.8		105.4		97.4	
Aug. ²	98.4	99.3	92.6	92.9	100.3	100.3	107.8	106.7	98.7	98.9
Sep.	99.3		94.4		101.7		107.0		100.6	
Oct.	97.1		95.2		99.8		104.6		98.8	
Nov.	97.9	95.5	96.6	96.2	99.6	99.8	105.1	104.4	98.5	98.8
Dec.	91.6		96.8		99.9		103.5		99.2	
2023 Jan.	96.7		97.0		97.4		102.0		96.5	
Feb.	98.0	96.9	99.8	97.9	98.8	98.0	104.0	104.3	97.7	96.7
Mar.	96.0		97.0		97.8		106.8		95.9	
Apr.	95.6		97.7		98.2		102.8		97.2	
May	95.0	95.3	99.8	98.0	96.2	97.5	99.3	100.6	95.6	96.9
June	95.3		96.5		98.2		99.7		97.9	
July ^{2,r}	94.5		94.4		98.1		102.4		97.2	
Aug. ^{2,r}	95.1	94.3	95.8	95.2	96.7	95.8	100.0	99.8	96.0	95.0
Sep. ^r	93.2		95.4		92.6		96.9		91.7	
Oct. ^o	92.8		94.8		92.9		96.5		92.1	
Nov. ^{o,p}	92.3	...	94.1	...	92.8	...	94.6	...	92.4	...

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 Oct.	101.8		102.6		107.7		109.3		108.7		96.3	
Nov.	102.1	101.8	98.7	100.8	106.3	106.8	108.0	109.0	105.5	107.0	93.3	96.3
Dec.	101.5		101.0		106.5		109.8		106.8		99.3	
2019 Jan.	103.5		102.3		106.7		108.1		105.0		93.7	
Feb.	103.6	103.3	100.8	101.2	105.5	106.3	106.2	108.3	105.5	105.7	95.8	95.2
Mar.	102.7		100.5		106.6		110.7		106.7		96.0	
Apr.	107.2		99.2		104.0		106.3		105.0		94.9	
May	101.5	102.6	101.1	100.3	103.2	103.3	107.0	106.4	104.2	104.4	100.2	98.1
June	99.0		100.6		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	97.7	98.1	103.0	102.6	106.6	106.4	103.6	103.6	96.5	95.6
Sep. ³	101.7		96.1		102.4		107.4		103.0		94.7	
Oct.	102.0		102.1		100.3		105.8		100.3		91.7	
Nov.	102.3	102.3	99.6	99.3	99.6	99.1	104.6	104.6	100.8	100.4	91.9	90.6
Dec.	102.6		96.1		97.3		103.3		100.0		88.3	
2020 Jan.	104.2		101.2		100.2		106.8		98.4		92.6	
Feb.	103.0	103.4	107.5	103.2	101.0	98.0	106.5	104.4	98.3	96.3	93.8	83.2
Mar.	103.1		100.8		92.9		99.8		92.3		63.3	
Apr.	95.3		97.4		72.5		86.8		74.2		14.6	
May	93.6	96.2	92.7	94.8	76.9	77.6	89.1	89.6	81.1	82.5	48.2	47.0
June	99.8		94.4		83.3		92.8		92.1		78.2	
July	99.5		97.3		85.0		94.1		87.5		85.3	
Aug.	99.8	99.7	94.7	97.5	90.9	89.7	96.9	96.1	87.0	88.0	75.4	81.4
Sep.	99.8		100.6		93.2		97.4		89.4		83.6	
Oct.	99.7		101.5		95.3		101.9		90.0		92.1	
Nov.	95.0	98.5	102.2	102.7	97.8	97.7	104.7	104.1	91.6	91.2	94.0	92.7
Dec.	100.7		104.4		100.1		105.6		92.1		91.9	
2021 Jan.	97.1		103.9		99.3		107.6		96.1		83.2	
Feb.	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.	103.1		104.8		100.5		108.3		96.2		81.9	
Apr.	95.0		102.3		100.2		110.9		100.1		80.0	
May	98.2	98.2	107.6	104.8	99.7	100.0	110.2	110.3	97.1	97.2	71.6	74.1
June	101.5		104.6		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	105.2	105.9	96.9	97.9	108.2	108.2	95.5	96.2	57.6	63.7
Sep. ³	100.7		107.9		97.4		106.7		94.1		59.7	
Oct.	100.2		105.2		97.5		107.8		96.0		70.6	
Nov.	100.3	100.1	107.4	106.6	98.2	98.1	106.7	108.4	94.4	94.8	74.4	75.0
Dec.	99.7		107.2		98.6		110.8		94.0		80.1	
2022 Jan.	99.0		103.6		99.0		110.0		96.1		76.3	
Feb.	100.0	100.7	106.6	105.1	99.5	98.3	111.6	110.5	95.4	95.0	75.8	71.5
Mar.	103.1		105.2		96.3		109.8		93.6		62.3	
Apr.	100.1		100.0		96.4		111.5		94.5		70.0	
May	100.0	100.4	97.4	98.1	96.9	96.5	113.5	112.9	95.7	95.7	74.0	74.5
June	101.0		97.0		96.3		113.8		96.9		79.5	
July ³	98.9		95.7		95.9		115.4		96.3		76.1	
Aug. ³	99.3	99.3	95.0	96.5	95.7	96.1	115.9	116.8	98.7	97.9	75.9	77.8
Sep. ³	99.7		98.7		96.6		119.2		98.8		81.5	
Oct.	98.0		94.2		96.9		115.7		98.0		80.5	
Nov.	99.5	98.4	92.4	92.8	94.9	95.0	117.3	115.7	98.7	98.1	84.4	83.4
Dec.	97.6		91.8		93.1		114.1		97.5		85.3	
2023 Jan.	97.3		91.3		94.7		116.0		98.2		85.2	
Feb.	101.0	98.8	92.2	91.5	95.9	95.1	119.3	118.0	98.0	97.4	90.0	87.3
Mar.	98.0		90.9		94.6		118.7		96.1		86.8	
Apr.	96.7		92.0		95.0		117.6		97.9		85.7	
May	98.0	97.7	86.8	90.2	94.9	94.5	117.3	117.7	98.0	97.6	90.7	88.1
June	98.3		91.8		93.7		118.2		96.9		87.9	
July ^{3,r}	97.4		91.3		92.8		116.0		96.6		79.7	
Aug. ^{3,r}	96.9	96.8	91.8	90.9	95.0	93.4	117.5	116.1	95.0	96.7	85.5	82.2
Sep. ^r	96.1		89.6		92.4		114.8		98.5		81.5	
Oct. ^o	95.4		88.8		91.5		113.8		92.2		83.3	
Nov. ^{o,p}	95.0	...	90.4	...	90.2	...	108.6	...	93.2	...	82.8	...

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

Period	of which:														
	Total ¹		Transportation and storage		Accommodation and food service activities		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 Sep.	109.6		108.8		107.8		114.4		104.4		108.0		111.2		
Oct.	109.2		109.3		106.4		113.8		104.8		106.9		111.1		
Nov.	109.3	109.6	108.1	108.3	106.5	106.5	113.1	113.6	106.5	105.8	106.9	107.8	112.2	112.3	
Dec.	110.2		107.4		106.6		114.0		106.0		109.5		113.7		
2019 Jan.	110.2		109.3		107.5		113.9		105.4		109.2		112.6		
Feb.	108.8	109.4	109.2	109.3	107.9	107.2	107.5	110.9	104.4	105.3	108.7	108.9	112.9	112.0	
Mar.	109.2		109.5		106.2		111.2		106.0		108.9		110.5		
Apr.	109.3		109.1		106.6		113.5		104.3		109.8		108.3		
May	108.6	109.6	107.3	109.8	106.8	107.0	111.7	113.0	107.6	105.8	107.7	109.0	109.0	109.8	
June	110.9		113.0		107.5		113.8		105.5		109.4		112.1		
July	109.2		110.2		106.9		112.9		104.1		109.3		108.2		
Aug.	110.4	109.8	110.3	110.1	108.5	107.7	113.2	113.5	108.4	105.7	110.4	109.7	109.3	108.7	
Sep.	109.7		109.8		107.6		114.5		104.7		109.3		108.6		
Oct.	110.2		108.6		108.7		115.6		106.5		108.9		110.7		
Nov.	110.7	110.1	108.9	107.7	109.5	108.8	115.7	115.0	108.7	107.3	109.6	109.5	110.2	110.4	
Dec.	109.5		105.5		108.3		113.8		106.8		110.0		110.2		
2020 Jan.	108.0		110.4		109.0		116.4		81.0		111.1		109.2		
Feb.	106.9	105.1	106.7	106.1	110.5	92.8	112.4	113.5	82.8	81.0	112.2	112.0	108.4	106.0	
Mar.	100.4		101.3		58.9		111.6		79.3		112.7		100.3		
Apr.	91.9		91.4		27.2		110.9		75.5		105.3		88.9		
May	91.7	92.8	91.5	91.8	39.9	43.8	107.4	109.2	74.4	75.9	102.7	104.1	90.9	90.2	
June	94.7		92.4		64.3		109.3		77.7		104.4		90.7		
July	97.1		95.7		82.0		111.4		78.7		102.0		94.0		
Aug.	97.8	97.5	98.3	97.3	88.1	85.4	109.9	109.6	78.3	78.8	103.0	103.2	93.4	93.5	
Sep.	97.6		97.9		86.0		107.5		79.5		104.7		93.2		
Oct.	100.5		97.7		77.0		116.1		79.1		109.6		96.9		
Nov.	97.3	98.4	99.1	99.7	36.4	48.6	115.6	114.4	77.5	78.9	108.5	108.7	96.8	97.8	
Dec.	97.5		102.2		32.4		111.4		80.1		107.9		99.8		
2021 Jan. ³	98.5		100.7		36.5		114.4		82.3		106.2		102.8		
Feb.	98.2	99.5	99.5	101.8	35.8	36.5	117.8	116.8	83.7	83.3	104.0	106.3	100.7	103.3	
Mar.	101.7		105.2		37.1		118.3		83.9		108.7		106.4		
Apr.	101.5		104.4		36.9		114.2		85.2		109.5		108.8		
May	102.8	103.1	103.3	103.6	47.2	53.5	118.8	116.7	84.8	85.6	109.9	109.6	107.9	108.9	
June	104.9		103.0		76.3		117.1		86.9		109.4		110.0		
July	106.3		103.6		95.3		118.0		86.1		109.3		109.3		
Aug.	106.6	106.5	103.7	103.5	102.0	99.3	119.2	118.0	85.5	86.2	109.1	109.2	107.6	108.9	
Sep.	106.5		103.1		100.6		116.7		86.9		109.2		109.8		
Oct.	108.8		106.1		102.8		119.8		85.9		112.3		111.5		
Nov.	108.6	108.1	108.9	106.9	84.0	83.6	118.9	120.1	87.3	87.0	115.0	113.5	111.5	111.7	
Dec.	106.9		105.7		64.0		121.7		87.8		113.3		112.0		
2022 Jan.	107.7		107.5		74.0		119.5		88.0		113.9		112.1		
Feb.	110.2	109.4	106.3	108.2	76.6	76.4	128.7	124.7	90.6	88.6	114.2	113.5	113.5	113.9	
Mar.	110.2		110.9		78.6		125.8		87.1		112.3		116.0		
Apr.	112.9		113.2		97.6		124.6		90.4		115.0		117.1		
May	115.9	114.4	112.9	112.1	115.4	109.4	126.2	125.6	88.8	89.6	116.7	116.5	124.0	119.1	
June	114.3		110.3		115.2		126.1		89.5		117.9		116.3		
July	115.0		109.5		115.9		129.0		90.9		118.0		116.5		
Aug.	115.2	115.6	110.1	110.8	114.6	114.8	127.0	129.0	88.7	89.9	120.0	119.7	118.4	117.3	
Sep.	116.6		112.8		113.8		131.0		90.0		121.0		117.1		
Oct.	116.2		113.4		115.0		128.0		88.8		120.7		118.0		
Nov.	115.1	114.7	113.5	113.2	98.0	100.7	129.1	129.8	88.4	88.7	120.3	117.8	118.0	117.4	
Dec.	112.8		112.8		89.0		132.3		89.0		112.4		116.3		
2023 Jan. ⁴	111.8		113.2		89.1		127.3		86.9		113.5		115.8		
Feb.	113.7	113.4	114.8	115.3	89.4	89.2	129.5	129.4	87.5	87.1	115.1	114.6	119.2	118.4	
Mar.	114.8		117.9		89.0		131.4		87.0		115.1		120.3		
Apr.	114.9		117.3		97.8		130.9		89.9		114.9		117.4		
May	119.3	117.2	117.7	117.4	110.5	106.4	132.2	132.4	88.6	88.9	120.6	118.5	128.0	120.7	
June	117.4		117.2		111.0		134.1		88.3		120.1		116.6		
July	117.9		118.3		110.0		132.0		89.1		122.2		117.8		
Aug.	118.3	117.9	117.3	117.1	107.5	110.2	134.5	133.0	88.4	88.7	123.8	122.3	117.4	117.8	
Sep.	117.4		115.6		113.1		132.4		88.7		120.9		118.1		
Oct.	116.8		114.8		110.2		132.3		89.7		121.6		115.6		

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. ² Classification of Economic Activities, 2008 edition. ³ 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. ⁴ As of January 2023 figures are provisional and partially revised.

III. Economic activity and prices

2. Orders received

a) Orders received by industry, * by main grouping

2015 = 100

seasonally adjusted

	Value								Volume 1							
	Industry		Intermediate goods		Capital goods		Consumer goods		Industry		Intermediate goods		Capital goods		Consumer goods	
	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 July	108.9		112.2		105.8		117.3		106.2		107.4		104.1		117.3	
2018 Aug.	110.2	109.9	112.7	112.3	108.5	107.9	112.3	114.1	107.5	107.1	107.7	107.4	106.7	106.1	112.0	113.9
2018 Sep.	110.5		111.9		109.5		112.7		107.7		107.2		107.4		112.5	
2018 Oct.	111.1		113.3		110.3		106.7		108.1		108.2		108.2		106.0	
2018 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
2018 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	
2019 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
2019 Mar.	105.6		103.9		106.4		107.6		102.4		99.3		103.7		106.7	
2019 Apr.	105.4		103.7		106.0		108.6		102.3		99.3		103.5		107.7	
2019 May	103.1	104.5	102.2	102.9	103.3	105.3	107.2	107.5	100.2	101.5	98.1	98.7	100.8	102.7	106.3	106.6
2019 June	105.1		102.7		106.5		106.7		102.1		98.7		103.7		105.7	
2019 July	104.6		101.9		106.0		107.9		101.6		98.1		103.0		106.7	
2019 Aug.	103.8	104.9	104.8	103.2	103.0	105.7	106.1	107.2	100.8	101.7	101.4	99.5	99.8	102.5	104.8	105.9
2019 Sep.	106.2		102.8		108.1		107.7		102.8		99.1		104.7		106.3	
2019 Oct.	105.5		103.8		106.1		109.7		102.2		100.2		102.6		108.6	
2019 Nov.	103.8	104.0	101.5	102.8	104.4	104.3	109.6	107.8	100.6	100.7	98.2	99.3	101.0	100.8	108.2	106.5
2019 Dec.	102.8		103.1		102.3		104.2		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	
2020 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
2020 Mar.	89.0		98.6		80.8		105.9		86.4		96.4		78.0		104.6	
2020 Apr.	64.6		75.5		54.1		94.0		62.8		74.3		51.9		93.0	
2020 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
2020 June	93.5		84.1		98.6		100.0		90.8		82.8		94.8		98.6	
2020 July	97.7		93.6		99.6		103.2		95.2		92.3		96.2		101.3	
2020 Aug.	102.0	101.6	98.0	98.8	103.7	102.6	107.2	107.2	99.2	98.9	96.5	97.3	100.2	99.1	105.2	105.2
2020 Sep.	105.1		104.8		104.4		111.1		102.3		103.0		101.0		109.1	
2020 Oct.	108.8		108.4		108.8		109.6		105.8		106.2		105.4		107.7	
2020 Nov.	111.1	109.8	112.3	111.4	110.8	108.7	107.9	110.4	108.0	106.6	110.4	109.2	106.8	104.9	105.7	108.3
2020 Dec.	109.6		113.4		106.6		113.7		106.1		110.9		102.4		111.6	
2021 Jan.	109.2		115.2		105.6		108.4		105.5		111.6		101.7		106.4	
2021 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
2021 Mar.	116.7		122.4		113.5		113.8		111.7		116.4		108.8		111.5	
2021 Apr.	118.6		124.2		115.9		112.7		112.7		115.9		111.1		109.8	
2021 May	115.7	119.2	122.0	123.7	111.5	116.2	117.9	121.3	109.0	112.5	111.7	113.7	106.6	111.0	114.9	118.1
2021 June	123.4		124.9		121.1		133.4		115.8		113.6		115.3		129.7	
2021 July	130.0		126.8		132.6		124.9		120.7		113.2		125.2		121.0	
2021 Aug.	118.5	124.0	125.9	127.0	114.6	123.1	114.2	117.6	109.2	114.4	111.4	112.2	107.7	115.8	110.4	113.7
2021 Sep.	123.6		128.2		122.0		113.8		113.2		112.0		114.4		109.8	
2021 Oct.	116.9		125.2		111.6		118.2		106.2		107.8		104.3		113.6	
2021 Nov.	122.6	121.6	131.2	130.2	117.3	116.2	121.8	122.1	110.2	109.6	110.9	110.4	109.0	108.1	116.4	116.8
2021 Dec.	125.4		134.2		119.8		126.4		112.3		112.5		111.0		120.4	
2022 Jan.	132.5		137.6		130.4		124.8		116.4		112.0		119.0		117.1	
2022 Feb.	130.4	129.3	136.5	137.6	127.4	124.3	124.6	128.1	113.8	112.5	109.5	110.0	115.9	113.0	116.8	119.7
2022 Mar.	125.0		138.8		115.2		134.9		107.3		108.6		104.2		125.3	
2022 Apr.	124.3		140.0		112.6		139.7		105.1		107.1		100.8		128.8	
2022 May	125.8	125.3	138.3	139.3	117.3	115.3	131.7	136.3	105.7	105.4	104.5	105.5	104.5	102.7	121.0	125.3
2022 June	125.9		139.5		116.0		137.5		105.4		104.9		102.9		126.0	
2022 July	129.3		142.3		122.8		118.7		107.5		107.2		107.8		107.4	
2022 Aug.	127.4	127.2	139.8	139.5	120.0	119.8	125.6	126.2	105.0	105.0	104.1	104.3	104.5	104.4	113.3	113.8
2022 Sep.	124.9		136.4		116.6		134.3		102.6		101.5		101.0		120.6	
2022 Oct.	125.3		135.6		118.6		127.1		102.7		100.9		102.4		113.3	
2022 Nov.	121.7	123.6	134.0	137.5	113.6	114.7	126.2	125.6	99.8	101.4	100.0	103.0	98.1	99.0	112.6	112.2
2022 Dec.	123.7		142.9		111.9		123.6		101.6		108.1		96.5		110.6	
2023 Jan.	125.1		132.6		121.1		120.4		102.2		99.5		103.4		105.6	
2023 Feb.	130.3	124.2	133.4	130.5	129.4	120.6	121.9	121.6	106.6	101.3	100.6	98.2	110.3	102.6	106.8	106.6
2023 Mar.	117.1		125.5		111.2		122.6		95.2		94.6		94.0		107.3	
2023 Apr.	116.7		125.9		110.4		121.2		95.3		96.1		93.4		106.4	
2023 May	123.5	124.4	123.5	125.0	123.9	124.0	120.8	124.1	101.2	101.8	95.1	96.2	104.3	104.3	106.0	109.0
2023 June	132.9		125.7		137.7		130.2		108.9		97.3		115.3		114.6	
2023 July	117.8		119.0		116.5		121.4		96.5		92.6		97.7		106.6	
2023 Aug.	119.5	119.4	122.2	122.0	116.3	117.1	131.2	124.1	98.3	97.9	96.0	95.3	97.6	98.2	115.8	109.0
2023 Sep.	120.8		124.8		118.4		119.7		99.0		97.4		99.2		104.7	
2023 Oct.	116.4		122.9		111.4		123.7		95.2		96.0		93.0		108.1	
2023 Nov. P	116.5	...	122.0	...	112.1	...	125.5	...	95.5	...	95.6	...	93.7	...	109.3	...

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 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	100.7	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.	115.9	112.8	123.2	118.8	111.0	108.6	107.0	106.9	92.2	89.7	93.8	90.3	91.2	89.2	90.3	90.0
Sep.	109.1		117.5		102.1		108.2		86.9		89.9		83.7		90.9	
Oct.	111.8		120.8		104.6		108.3		88.7		91.7		85.8		90.9	
Nov.	113.3	...	121.1	...	108.4	...	101.8	...	89.9	...	92.3	...	88.7	...	84.7	...

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

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		16.09		13.82		19.14		28.32		95.73		53.28	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2021 June	127.4		126.0		140.0		123.5		109.7		122.2		119.1	
July	123.2		129.0		132.5		128.7		106.6		122.1		118.8	
Aug.	125.8	123.7	122.0	125.2	130.0	131.1	129.7	135.8	95.8	102.6	117.8	121.4	113.0	118.3
Sep.	122.0		124.7		130.7		149.0		105.4		124.2		123.1	
Oct.	127.1		122.3		128.7		126.4		102.4		118.3		113.9	
Nov.	133.1	132.2	127.7	126.3	131.5	133.0	128.5	127.9	106.9	106.2	122.6	121.8	117.1	116.4
Dec.	136.5		128.9		138.8		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	143.8	123.6	126.2	110.1	108.7	124.4	127.2	116.6	120.6
Mar.	138.8		138.4		154.8		123.6		99.6		124.5		114.0	
Apr.	137.6		139.0		149.2		129.9		91.8		123.7		111.3	
May	137.4	140.5	136.1	135.8	142.6	144.5	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		155.2		123.1		109.2		127.8		119.9	
Aug.	130.7	133.0	135.6	134.3	147.8	147.9	130.4	126.9	113.9	109.8	129.0	127.4	122.5	119.9
Sep.	135.0		134.3		140.8		127.1		106.2		125.5		117.2	
Oct.	128.5		136.8		143.9		125.0		110.0		125.3		118.4	
Nov.	132.3	129.5	129.0	132.9	137.4	149.9	120.7	123.3	113.9	111.2	123.4	124.8	116.3	116.5
Dec.	127.6		132.9		168.5		124.1		109.6		125.7		114.8	
2023 Jan.	122.6		132.4		145.9		122.7		113.6		124.3		119.5	
Feb.	121.6	120.9	134.7	133.1	147.4	143.6	125.9	123.3	117.2	110.2	126.2	122.5	122.3	117.5
Mar.	118.5		132.1		137.4		121.4		99.7		117.0		110.8	
Apr.	114.6		127.3		149.8		115.7		103.3		118.5		113.2	
May	118.8	117.5	133.5	132.5	140.2	148.9	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		124.8		123.9	
July	117.4		123.6		124.0		114.8		109.0		116.5		114.4	
Aug.	118.4	117.7	121.6	125.7	141.0	132.7	115.1	118.7	107.5	107.3	118.2	118.2	114.2	115.2
Sep.	117.3		132.0		133.2		126.1		105.4		119.9		117.0	
Oct.	117.4		126.5		130.0		109.7		103.8		114.0		107.2	
Nov. p	118.9	...	122.4	...	134.5	...	114.1	...	108.4	...	116.6	...	112.2	...
Domestic and abroad														
Percentage weight 2 Period	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
2021 Q3	118.0	127.4	120.6	133.1	129.3	132.5	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	136.5	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	149.3	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	150.1	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	149.2	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	144.3	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	145.4	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	142.1	114.6	123.4	100.1	110.4	118.8	123.4	116.4	120.4
Q3	110.5	122.4	118.4	138.1	132.6	132.8	106.7	126.1	95.5	113.9	110.9	123.9	104.8	121.5
2022 Nov.	134.2	131.0	125.0	135.7	136.6	138.1	114.0	124.8	105.8	118.4	120.5	125.7	110.9	119.7
Dec.	122.7	130.9	127.3	142.5	192.3	150.2	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	147.5	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	108.5	122.0	120.0	131.0	112.2	128.5
Mar.	116.1	120.0	124.3	145.2	136.7	138.0	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	135.1	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	138.6	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	152.6	111.5	132.5	97.2	108.9	120.3	128.3	123.8	124.0
July	111.4	121.3	117.1	134.5	120.9	126.4	110.2	117.7	97.0	115.7	109.7	121.8	105.4	119.9
Aug.	110.9	123.3	120.6	123.4	145.2	137.8	105.5	121.0	96.9	113.5	114.6	121.0	108.3	117.8
Sep.	109.3	122.5	117.6	156.5	131.7	134.3	104.3	139.5	92.6	112.5	108.5	128.8	100.8	126.9
Oct.	111.0	121.6	122.5	133.2	125.6	133.3	97.7	117.1	93.3	109.6	108.7	118.1	98.2	112.8
Nov. p	109.1	125.4	113.9	136.8	144.2	127.1	113.2	114.7	97.3	114.6	112.7	119.6	107.1	115.4

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	
Percentage weight 2	13.50		16.09		13.82		19.14		28.32		95.73		53.28	
Total														
2021 June	117.3		106.8		141.0		115.2		106.6		114.6		113.6	
July	112.0		106.2		133.0		119.4		103.0		113.3		112.5	
Aug.	113.1	111.3	99.1	101.8	129.8	130.5	119.5	125.2	92.3	98.8	108.5	111.8	106.3	111.4
Sep.	108.7		100.2		128.7		136.6		101.2		113.7		115.4	
Oct.	111.6		97.0		126.8		115.7		97.6		107.4		106.4	
Nov.	114.0	113.6	100.3	99.2	128.6	130.1	117.3	116.7	101.6	100.8	110.2	109.7	109.0	108.3
Dec.	115.3		100.2		134.9		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	131.8	137.4	109.7	112.1	102.8	101.5	108.1	110.3	106.3	109.6
Mar.	110.8		98.9		146.6		109.1		92.6		106.6		103.0	
Apr.	106.5		97.2		141.3		113.5		84.8		104.3		99.8	
May	104.7	107.5	94.7	94.6	133.7	135.7	110.2	111.4	96.5	92.4	104.3	104.7	102.6	101.9
June	111.2		92.0		132.2		110.4		96.0		105.5		103.4	
July	99.2		92.8		142.4		105.0		98.9		106.0		105.3	
Aug.	97.7	99.5	93.6	93.1	134.9	135.2	110.7	107.5	102.0	98.6	106.2	105.0	106.8	104.6
Sep.	101.7		93.0		128.3		106.7		94.9		102.9		101.6	
Oct.	96.0		95.0		130.1		104.7		98.2		102.6		102.4	
Nov.	99.8	97.3	90.0	92.6	124.4	135.1	100.7	103.0	101.6	99.2	101.1	102.3	100.6	100.7
Dec.	96.1		92.7		150.9		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	132.9	129.1	102.5	100.4	104.0	97.7	103.1	99.8	104.5	100.2
Mar.	90.0		92.5		122.8		98.4		88.1		95.0		93.7	
Apr.	88.6		89.6		132.8		93.6		91.1		96.7		95.8	
May	92.9	91.9	95.2	94.1	126.6	133.2	96.3	96.9	98.7	93.8	98.9	99.2	100.7	100.1
June	94.2		97.4		140.1		100.7		91.5		102.0		103.9	
July	94.2		89.0		111.4		92.2		95.1		95.5		96.0	
Aug.	95.5	94.5	87.7	90.8	126.9	119.0	92.3	95.3	93.8	93.5	97.2	97.0	95.9	96.7
Sep.	93.9		95.6		118.7		101.3		91.7		98.3		98.2	
Oct.	93.9		91.6		116.3		87.6		90.0		93.2		89.8	
Nov. p	95.0	...	89.0	...	119.5	...	91.0	...	94.2	...	95.5	...	94.0	...
Domestic and abroad														
Percentage weight 2 Period	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
2021 Q3	104.4	115.8	98.0	108.4	126.1	133.9	104.6	137.8	91.4	103.0	102.3	119.2	98.4	119.4
Q4	107.4	117.7	95.5	105.4	123.1	135.5	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	145.2	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	144.0	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	139.8	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	134.0	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	135.0	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	131.8	91.0	100.4	86.5	97.8	93.7	103.4	95.8	102.8
Q3	85.3	100.6	85.1	100.3	113.6	123.2	84.0	102.2	82.3	99.8	87.9	104.0	85.8	103.5
2022 Nov.	98.9	100.4	87.2	94.7	119.3	128.3	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	140.1	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	140.1	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	127.5	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	125.2	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	129.9	95.7	96.7	89.6	103.8	92.8	103.6	94.6	104.4
June	83.4	101.3	90.5	109.2	139.8	140.4	88.7	108.0	83.7	95.9	95.3	107.2	102.2	104.9
July	85.9	99.6	84.0	97.4	103.1	117.7	87.0	95.4	83.5	101.6	86.7	102.3	86.2	102.1
Aug.	85.6	102.0	86.5	89.8	124.5	128.8	83.0	98.0	83.6	99.5	90.8	102.1	88.7	100.4
Sep.	84.4	100.2	84.9	113.6	113.2	123.0	81.9	113.2	79.8	98.3	86.2	107.7	82.4	107.9
Oct.	85.5	99.5	88.3	97.3	107.4	123.2	76.7	94.3	80.3	95.5	85.9	98.3	80.3	95.6
Nov. p	83.1	102.8	82.5	100.0	121.4	118.0	88.8	92.3	83.6	100.1	89.9	100.8	87.6	97.9

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 (R)		Structural engineering (R)		of which:				Civil engineering (R)		
					Residential construction		Non-residential construction (R)				
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	
	100.00		53.75			22.07			31.68		46.25
2018 Oct.	123.4		119.2			129.9			111.8		128.3
Nov.	127.1	130.5	121.8	124.7		136.0	136.6		111.9	116.4	133.4
Dec.	141.1		133.0			143.8			125.5		150.4
2019 Jan.	126.6		127.7			132.2			124.6		125.3
Feb.	127.7	127.2	123.6	125.8		115.5	125.9		129.3	125.8	132.4
Mar.	127.2		126.2			130.0			123.5		128.5
Apr.	126.3		128.9			125.4			131.3		123.2
May	121.5	124.4	122.5	126.2		125.7	125.5		120.2	126.6	120.3
June	125.3		127.1			125.4			128.2		123.2
July	124.0		121.1			131.2			114.1		127.4
Aug.	120.1	122.5	123.2	121.2		129.3	129.4		118.9	115.5	116.6
Sep.	123.4		119.4			127.8			113.6		128.0
Oct.	122.1		122.3			136.3			112.6		121.9
Nov.	137.3	130.4	144.4	131.2		138.9	139.8		148.3	125.3	129.0
Dec.	131.7		126.9			144.1			114.9		137.4
2020 Jan.	133.1		136.1			139.3			133.8		129.8
Feb.	124.7	124.2	131.7	127.7		138.2	134.9		127.2	122.8	116.5
Mar.	114.9		115.4			127.1			107.3		114.3
Apr.	119.8		112.9			107.1			117.0		127.9
May	111.1	119.4	102.0	111.3		120.9	119.1		88.9	105.8	121.6
June	127.3		118.9			129.4			111.6		137.1
July	117.5		120.8			130.2			114.2		113.6
Aug.	120.0	120.5	120.6	122.3		144.6	138.2		103.9	111.2	119.2
Sep.	124.0		125.5			139.7			115.6		122.3
Oct.	124.3		131.5			156.5			114.1		115.8
Nov.	129.4	127.0	134.8	127.8		152.7	151.6		122.3	111.2	123.0
Dec.	127.3		117.1			145.5			97.3		139.2
2021 Jan.	133.0		137.3			142.5			133.6		128.0
Feb.	128.3	124.3	132.1	127.8		144.6	138.4		123.4	120.4	123.9
Mar.	111.6		114.0			128.0			104.2		108.8
Apr.	125.9		128.9			145.7			117.2		122.5
May	121.3	122.3	125.8	125.2		142.4	139.7		114.3	115.2	116.0
June	119.7		120.9			130.9			114.0		118.2
July	119.1		124.9			137.0			116.4		112.4
Aug.	126.8	126.6	129.7	129.8		136.5	137.1		124.9	124.6	123.4
Sep.	134.0		134.7			137.7			132.6		133.3
Oct.	125.5		131.7			129.8			133.0		118.4
Nov.	120.1	128.5	116.2	132.2		128.8	130.5		107.5	133.4	124.6
Dec.	139.8		148.6			132.8			159.6		129.6
2022 Jan.	127.2		125.7			142.4			114.1		129.0
Feb.	122.5	126.7	124.1	127.2		137.2	140.0		114.9	118.3	120.7
Mar.	130.4		131.8			140.5			125.8		128.8
Apr.	114.1		112.2			122.5			105.0		116.3
May	112.2	111.1	111.4	108.7		119.3	117.9		105.9	102.3	113.2
June	106.9		102.6			112.0			96.0		112.0
July	112.4		110.6			110.4			110.7		114.5
Aug.	106.8	107.6	100.9	102.8		102.3	104.6		99.9	101.5	113.7
Sep.	103.6		96.9			101.0			94.0		111.4
Oct.	109.3		97.0			98.4			96.0		123.7
Nov.	105.8	107.0	94.6	97.2		91.6	93.6		96.7	99.7	118.7
Dec.	105.9		100.0			90.7			106.5		112.7
2023 Jan.	99.7		92.9			93.5			92.5		107.6
Feb.	103.8	102.4	87.9	93.2		86.6	89.2		88.8	96.0	122.4
Mar.	103.7		98.9			87.5			106.8		109.4
Apr.	103.3		92.6			87.6			96.0		115.9
May	106.6	104.8	94.6	94.5		95.1	93.8		94.2	95.0	120.7
June	104.6		96.4			98.8			94.7		114.1
July	114.2		100.0			98.2			101.3		130.7
Aug.	126.4	119.1	101.3	103.1		95.5	93.6		105.4	109.8	155.6
Sep.	116.8		108.1			87.1			122.8		126.8
Oct.	110.5		94.0			91.8			95.5		129.8
Nov.	102.3	...	95.5	...		85.6	...		102.4	...	110.2

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 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	
Aug.	8.30	27.33	4.44	13.97	3.86	13.36	2.72	9.64	1.14	3.72
Sep.	9.72		4.91		4.81		3.57		1.24	
Oct.	9.92		5.09		4.83		3.18		1.65	
Nov.	9.61	...	4.95	...	4.66	...	2.85	...	1.81	...

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

c) Stock of orders by industry * from abroad

2015 = 100

seasonally adjusted

Percentage weight ²	Value								Volume ¹							
	Industry		Intermediate goods		Capital goods		Consumer goods		Industry		Intermediate goods		Capital goods		Consumer goods	
	67.06		8.95		56.62		1.49		67.06		8.95		56.62		1.49	
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 July	120.2		131.2		117.9		141.9		117.5		125.4		115.6		142.8	
Aug.	120.3	120.6	131.3	131.3	118.1	118.4	136.8	137.9	117.3	117.7	125.5	125.6	115.5	115.9	137.6	138.7
Sep.	121.3		131.4		119.3		135.0		118.3		125.8		116.7		135.8	
Oct.	122.8		131.7		121.0		136.6		119.6		126.0		118.1		137.2	
Nov.	123.4	123.4	131.8	131.6	121.7	121.8	137.7	136.4	120.3	120.2	125.9	125.7	118.9	118.9	138.4	137.1
Dec.	124.0		131.3		122.6		135.0		120.7		125.3		119.6		135.7	
2019 Jan.	120.3		129.9		118.3		138.5		116.9		123.9		115.2		139.4	
Feb.	119.8	119.9	128.3	128.4	117.9	118.1	140.0	139.1	116.3	116.4	122.6	122.6	114.7	114.9	140.7	139.8
Mar.	119.6		126.9		118.0		138.9		116.1		121.3		114.7		139.4	
Apr.	119.6		125.1		118.1		143.8		116.0		119.9		114.6		144.4	
May	119.5	119.5	124.1	124.2	118.2	118.2	143.3	143.7	115.9	115.9	119.1	119.2	114.7	114.6	143.9	144.3
June	119.5		123.4		118.3		143.9		115.8		118.7		114.6		144.5	
July	119.3		122.7		118.1		144.6		115.4		118.2		114.2		145.1	
Aug.	119.0	119.3	123.8	123.5	117.6	117.9	146.0	146.9	115.1	115.3	119.4	119.0	113.6	113.9	146.5	147.3
Sep.	119.5		124.0		118.0		150.0		115.4		119.5		113.9		150.4	
Oct.	119.5		123.4		118.2		146.8		115.3		118.7		113.9		147.3	
Nov.	119.6	119.6	121.2	122.7	118.6	118.4	148.3	147.7	115.2	115.3	116.8	118.2	114.1	114.0	148.5	148.1
Dec.	119.8		123.5		118.5		148.1		115.4		119.2		113.9		148.5	
2020 Jan.	121.0		124.5		119.7		150.8		116.6		121.0		115.0		150.9	
Feb.	121.6	120.9	126.6	125.8	120.0	119.4	153.2	152.5	116.9	116.5	122.7	122.1	115.1	114.6	153.2	152.7
Mar.	120.2		126.3		118.4		153.6		115.9		122.7		113.8		154.0	
Apr.	118.7		120.4		117.5		154.1		114.3		117.4		112.8		154.2	
May	117.7	117.9	116.9	118.2	116.9	117.0	153.7	152.7	113.2	113.5	114.2	115.4	112.0	112.2	153.8	152.9
June	117.3		117.2		116.5		150.3		113.1		114.7		111.9		150.6	
July	117.0		118.8		115.8		153.2		113.0		116.5		111.4		153.0	
Aug.	118.3	118.4	119.0	120.0	117.2	117.1	157.7	157.5	114.2	114.3	116.8	117.8	112.7	112.7	157.8	157.6
Sep.	119.9		122.2		118.4		161.7		115.8		120.0		113.9		161.9	
Oct.	121.6		125.7		119.7		168.3		117.4		123.3		115.2		168.5	
Nov.	122.7	122.7	128.2	128.3	120.6	120.5	170.3	171.6	118.1	118.3	125.4	125.6	115.6	115.7	170.4	171.8
Dec.	123.8		131.1		121.3		176.2		119.3		128.0		116.4		176.6	
2021 Jan.	125.0		135.7		121.9		181.4		120.2		131.9		116.8		181.6	
Feb.	127.2	127.1	140.1	140.2	123.7	123.5	182.9	183.6	122.1	121.9	135.3	135.4	118.4	118.2	183.0	183.7
Mar.	129.0		144.8		125.0		186.6		123.5		138.9		119.5		186.5	
Apr.	132.4		151.7		127.8		191.8		126.5		143.5		122.1		191.5	
May	135.3	135.3	156.2	155.7	130.4	130.4	199.8	202.0	129.0	128.9	146.3	145.6	124.4	124.4	199.2	201.5
June	138.3		159.1		133.1		214.3		131.3		147.1		126.7		213.7	
July	141.6		163.8		136.1		219.9		133.2		148.9		128.5		218.2	
Aug.	144.3	145.4	168.9	168.9	138.5	139.8	218.4	218.9	135.3	136.2	152.1	152.0	130.5	131.6	216.5	216.9
Sep.	150.2		174.0		144.7		218.3		140.1		155.1		135.8		216.1	
Oct.	152.1		176.9		146.4		223.8		141.4		156.2		137.0		220.6	
Nov.	155.5	155.2	182.0	181.7	149.2	149.0	237.0	234.8	143.7	143.5	158.9	158.6	139.0	138.8	233.2	231.0
Dec.	158.0		186.1		151.4		243.6		145.4		160.7		140.5		239.3	
2022 Jan.	159.7		188.8		153.6		217.2		144.8		159.6		140.8		209.5	
Feb.	162.2	162.2	192.6	192.4	155.9	155.9	221.3	222.3	146.0	146.0	160.7	160.2	142.0	142.0	212.3	212.9
Mar.	164.8		195.7		158.3		228.4		147.2		160.3		143.3		216.8	
Apr.	167.0		197.9		160.3		236.3		147.7		159.3		143.9		222.6	
May	168.6	168.5	199.9	200.3	161.8	161.6	243.0	243.2	148.1	148.1	159.5	160.2	144.2	144.1	228.3	228.3
June	169.9		203.2		162.6		250.2		148.6		161.7		144.3		234.1	
July	171.1		204.3		163.8		250.7		148.1		161.4		143.8		232.3	
Aug.	172.8	172.4	205.9	204.7	165.4	165.1	255.9	255.0	148.2	148.0	161.8	160.8	143.8	143.7	236.0	235.0
Sep.	173.2		203.9		166.2		258.3		147.7		159.1		143.6		236.6	
Oct.	173.6		202.5		166.7		263.4		147.5		158.0		143.4		239.8	
Nov.	171.7	172.0	199.4	201.3	165.0	165.0	262.0	262.2	145.6	145.9	155.9	157.3	141.5	141.7	239.1	239.2
Dec.	170.7		201.9		163.4		261.2		144.7		158.0		140.2		238.6	
2023 Jan.	171.3		203.0		163.9		265.4		144.0		158.9		139.2		239.2	
Feb.	172.5	171.5	201.7	201.1	165.4	164.4	267.0	267.4	144.8	143.9	158.2	157.6	140.2	139.2	240.6	240.9
Mar.	170.8		198.7		163.9		269.7		142.8		155.8		138.2		242.8	
Apr.	169.2		196.0		162.4		268.3		141.3		154.9		136.6		241.5	
May	167.8	168.9	193.5	194.3	161.2	162.4	265.0	267.2	139.9	140.8	153.9	154.2	135.2	136.1	238.1	240.1
June	169.8		193.3		163.5		268.3		141.1		153.7		136.5		240.7	
July	168.4		191.4		162.4		261.2		139.7		152.7		135.2		234.2	
Aug.	166.6	167.0	189.7	190.9	160.5	160.8	262.4	262.0	138.2	138.4	152.0	152.4	133.5	133.7	235.6	235.1
Sep.	165.9		191.5		159.4		262.5		137.2		152.5		132.3		235.4	
Oct.	164.8		192.9		157.9		260.8		135.9		153.5		130.7		231.6	
Nov.	163.6	...	189.7	...	156.8	...	268.4	...	134.8	...	151.2	...	129.5	...	238.6	...

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 stock of orders at 2015 prices, previously at 2010 prices. 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

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		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 (R)		70.92 monthly quarterly		50.29 monthly quarterly			
2021 July	222.3		153.1		167.8		128.4		181.2		153.2		148.0			
Aug.	228.4	226.2	155.8	156.1	172.0	172.0	131.3	132.4	187.2	188.8	157.3	158.2	152.1	153.4		
Sep.	227.8		159.4		176.3		137.6		198.1		164.2		160.0			
Oct.	233.7		160.5		180.7		140.3		205.1		167.9		163.9			
Nov.	235.8	236.2	164.0	163.3	185.3	185.5	143.3	143.6	210.6	210.0	171.8	171.7	167.6	167.5		
Dec.	239.1		165.5		190.5		147.1		214.4		175.3		171.1			
2022 Jan.	218.1		173.6		196.2		150.3		215.8		178.7		176.0			
Feb.	219.1	218.3	175.7	176.4	201.6	203.1	151.6	152.2	215.2	217.8	181.1	181.5	178.1	178.6		
Mar.	217.8		179.8		211.6		154.7		222.4		184.8		181.7			
Apr.	222.4		182.8		217.5		157.8		224.5		187.8		184.3			
May	232.6	230.0	183.6	183.8	221.7	221.9	159.5	159.8	229.0	228.2	190.5	190.5	187.0	187.0		
June	235.1		185.1		226.4		162.2		231.1		193.2		189.6			
July	232.4		185.2		233.2		164.0		236.3		195.6		192.2			
Aug.	229.6	228.0	186.4	186.2	236.9	235.7	165.6	165.4	236.9	236.5	197.6	197.3	194.1	194.0		
Sep.	222.1		187.1		237.1		166.7		236.4		198.6		195.8			
Oct.	216.6		187.4		240.8		168.4		237.3		200.0		197.2			
Nov.	208.8	210.3	186.5	187.1	239.1	242.1	168.6	168.7	236.0	234.8	198.7	199.2	196.5	196.3		
Dec.	205.4		187.5		246.3		169.2		231.2		198.9		195.2			
2023 Jan. 3	204.4		187.1		250.1		168.9		234.3		200.3		196.6			
Feb.	203.4	202.3	187.2	187.8	252.7	251.7	170.0	169.7	232.9	231.4	201.7	200.3	198.6	197.0		
Mar.	199.2		189.2		252.2		170.1		226.9		199.0		195.9			
Apr.	199.7		187.0		253.8		170.1		223.0		197.7		194.0			
May	198.4	199.1	188.4	188.9	253.1	254.1	169.8	169.8	217.6	217.0	196.5	196.6	193.3	193.2		
June	199.3		191.4		255.4		169.6		210.3		195.6		192.4			
July	200.3		190.0		251.2		169.2		206.0		193.3		190.6			
Aug.	200.6	199.8	188.6	189.9	251.3	251.0	167.8	166.8	199.6	199.9	191.7	191.7	188.2	188.1		
Sep.	198.6		191.1		250.6		163.3		194.0		190.0		185.5			
Oct.	196.5		191.6		249.6		162.3		189.1		188.7		183.6			
Nov.	198.7	...	191.0	...	250.0	...	162.5	...	181.7	...	186.9	...	181.4	...		
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		
(R)																
2021 Q3	224.0	227.2	156.7	155.2	181.2	165.1	129.3	133.7	158.2	207.1	154.5	160.5	148.1	156.1		
Q4	228.1	240.2	162.4	164.6	195.0	178.4	137.7	146.0	177.7	229.3	166.8	174.6	161.8	170.5		
2022 Q1	223.3	215.9	167.6	188.1	210.9	197.3	145.1	155.1	188.1	235.4	174.9	185.6	170.7	182.6		
Q2	248.9	220.8	175.0	195.7	229.0	216.6	153.1	162.6	200.3	244.8	184.5	194.2	179.2	190.9		
Q3	248.5	218.0	176.9	198.7	244.8	228.9	159.1	168.1	211.4	251.5	192.2	200.4	187.4	197.4		
Q4	237.3	197.0	177.4	200.1	253.8	233.3	163.9	170.7	208.5	250.5	196.1	201.1	191.5	198.7		
2023 Q1 3	235.3	186.2	177.8	201.2	268.3	239.2	165.8	171.3	207.5	245.5	198.5	201.5	193.2	199.0		
Q2	231.2	183.4	177.1	204.7	279.2	235.2	167.1	171.0	202.6	225.6	197.6	195.9	192.8	193.4		
Q3	229.3	185.4	176.4	207.9	277.7	231.0	165.3	167.4	191.2	205.0	194.8	189.7	191.3	186.4		
2022 Nov.	236.5	195.3	177.1	199.0	249.4	231.3	163.5	170.7	209.6	251.7	195.4	200.8	192.0	198.8		
Dec.	235.9	190.4	177.4	201.0	261.2	235.1	165.2	170.9	206.1	246.2	197.4	199.9	191.9	196.9		
2023 Jan. 3	235.3	189.2	177.6	199.7	265.1	238.8	165.6	170.3	207.7	250.1	198.7	201.3	193.1	198.4		
Feb.	235.7	187.6	177.8	199.7	269.3	240.2	166.0	171.6	208.3	247.5	199.7	202.9	194.6	200.6		
Mar.	234.8	181.8	177.9	204.2	270.4	238.6	165.7	172.0	206.5	239.0	197.1	200.2	191.9	197.9		
Apr.	232.9	183.5	175.4	202.6	277.7	235.8	165.3	172.1	205.8	233.3	197.3	197.9	191.1	195.5		
May	231.2	182.4	176.9	203.7	278.1	234.4	168.2	170.5	203.4	226.1	197.6	195.8	192.6	193.6		
June	229.6	184.4	179.0	207.9	281.8	235.5	167.9	170.3	198.6	217.3	198.0	194.1	194.8	191.2		
July	229.2	186.2	176.5	208.0	277.7	231.3	167.9	169.7	196.4	211.7	196.0	191.7	193.7	189.0		
Aug.	230.6	185.9	176.6	204.7	278.7	230.7	166.1	168.5	191.4	204.5	195.0	189.6	191.5	186.5		
Sep.	228.2	184.1	176.1	211.1	276.6	231.0	161.9	163.9	185.9	198.8	193.3	187.9	188.8	183.8		
Oct.	226.2	181.9	175.8	212.8	274.9	230.6	160.1	163.2	187.4	190.1	193.3	185.8	189.0	180.8		
Nov.	230.2	183.2	174.8	212.7	278.6	228.6	161.7	162.9	179.9	182.8	193.0	183.1	188.6	177.8		

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		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		11.28		11.17		29.21		15.06		70.92		50.29			
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly		
(R)																
2021 July	203.1		128.2		166.0		119.6		175.1		143.2		139.7			
Aug.	206.8	204.8	128.6	129.1	169.2	169.2	121.7	122.8	180.4	181.9	146.1	147.0	142.9	144.1		
Sep.	204.4		130.4		172.5		127.0		190.3		151.7		149.6			
Oct.	206.5		129.9		176.0		129.2		195.6		154.4		152.7			
Nov.	204.2	205.2	131.7	131.2	179.4	179.7	131.5	131.8	200.1	199.6	156.9	156.9	155.4	155.4		
Dec.	204.9		131.9		183.6		134.6		203.1		159.4		158.1			
2022 Jan.	177.9		134.7		187.1		135.1		202.4		159.9		160.5			
Feb.	176.9	175.7	134.9	134.6	190.6	192.1	135.5	136.1	201.5	203.7	161.0	161.3	161.6	162.0		
Mar.	172.3		134.2		198.6		137.6		207.2		162.9		164.0			
Apr.	169.8		132.8		202.7		138.9		207.1		163.5		164.7			
May	175.1	173.4	131.7	132.4	205.2	205.5	139.4	139.8	210.3	209.6	164.6	164.8	166.0	166.1		
June	175.3		132.6		208.6		141.0		211.5		166.3		167.6			
July	171.9		132.2		212.6		141.0		213.5		166.7		168.0			
Aug.	169.5	168.3	132.7	132.5	214.3	213.3	141.3	141.2	212.1	212.3	167.2	167.1	168.2	168.3		
Sep.	163.5		132.7		213.0		141.4		211.2		167.3		168.6			
Oct.	160.0		132.6		214.9		141.8		211.8		167.8		169.2			
Nov.	155.6	156.5	132.5	132.8	212.9	215.5	141.5	141.6	210.5	209.7	166.5	167.0	167.9	168.0		
Dec.	153.9		133.4		218.7		141.6		206.9		166.6		167.0			
2023 Jan. 3	151.3		132.6		220.5		139.1		209.4		166.5		166.6			
Feb.	151.4	150.6	132.5	133.1	222.6	221.5	139.5	139.2	207.6	206.2	167.3	166.1	167.9	166.4		
Mar.	149.2		134.3		221.4		139.0		201.6		164.6		164.8			
Apr.	151.9		133.3		222.3		138.4		197.5		163.2		162.7			
May	152.3	152.9	135.0	135.4	221.9	222.4	137.7	137.9	192.1	191.3	162.1	162.1	161.5	161.4		
June	154.5		137.9		222.9		137.5		184.3		161.0		160.1			
July	156.7		137.6		219.4		136.5		180.0		158.9		158.0			
Aug.	158.0	156.9	137.4	138.1	220.0	219.3	135.2	134.4	174.5	174.5	157.6	157.5	155.9	155.8		
Sep.	156.1		139.2		218.6		131.6		168.9		155.9		153.5			
Oct.	154.4		139.8		217.1		130.6		163.9		154.5		151.5			
Nov.	156.9	...	139.5	...	217.1	...	130.8	...	157.8	...	152.9	...	149.3	...		
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	Abroad	Domestic	Abroad	Domestic	Abroad	Domestic	Abroad	Domestic	Abroad	Domestic	Abroad	Domestic	Abroad	Domestic	Abroad
(R)																
2021 Q3	199.0	207.6	129.7	128.3	175.6	164.4	119.2	124.3	149.6	201.2	141.0	150.7	136.7	147.8		
Q4	191.6	211.9	130.2	132.4	185.9	174.9	125.2	134.6	165.9	219.6	149.4	161.6	147.2	159.6		
2022 Q1	174.9	176.1	127.3	144.3	196.1	189.1	128.6	139.1	172.3	222.4	151.7	167.1	151.6	167.3		
Q2	182.4	169.0	124.9	142.4	207.9	203.7	132.3	142.9	180.7	226.9	155.1	170.8	155.4	171.5		
Q3	180.0	162.6	125.1	142.4	216.7	210.7	134.2	144.1	187.9	226.8	158.9	172.1	159.3	172.8		
Q4	173.1	148.4	125.1	143.1	220.4	211.8	135.9	144.0	183.9	225.1	160.6	170.9	160.6	171.8		
2023 Q1 3	170.7	140.8	125.2	143.7	229.5	215.5	134.8	141.1	180.3	221.6	160.4	169.7	159.3	170.1		
Q2	172.8	143.2	126.2	147.7	237.4	211.1	133.9	139.5	173.4	201.9	158.8	164.1	157.0	163.7		
Q3	175.3	148.0	127.6	152.1	236.6	206.3	131.2	135.8	162.8	181.4	156.5	158.0	154.6	156.4		
2022 Nov.	172.5	147.3	125.0	142.4	216.8	209.9	135.4	144.0	184.8	225.8	159.9	170.5	160.7	171.6		
Dec.	173.7	144.2	125.3	144.1	225.8	213.4	136.4	143.7	181.5	222.0	161.5	169.8	160.5	170.3		
2023 Jan. 3	170.4	142.0	125.1	142.5	227.2	215.5	135.4	140.7	180.7	226.4	160.9	169.9	159.8	170.1		
Feb.	170.7	141.9	125.1	142.3	230.6	216.6	134.9	141.4	181.1	223.3	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	215.1	158.9	168.1	157.7	168.4		
Apr.	171.8	142.1	124.1	145.5	235.9	212.1	133.2	140.6	176.5	210.0	158.5	166.1	156.0	166.1		
May	172.4	142.5	126.2	146.8	236.6	210.8	134.5	139.1	174.3	202.7	158.9	164.1	156.7	163.9		
June	174.2	144.9	128.2	150.9	239.6	210.4	134.1	138.9	169.5	193.1	159.1	162.1	158.2	161.0		
July	174.8	147.8	127.4	151.2	236.0	206.9	133.6	137.7	167.1	187.7	157.4	159.8	156.7	158.6		
Aug.	176.6	148.9	127.8	150.3	238.0	206.4	131.7	136.6	163.1	181.2	156.8	158.1	154.7	156.5		
Sep.	174.4	147.2	127.6	154.8	235.8	205.6	128.2	133.0	158.2	175.3	155.4	156.2	152.4	154.0		
Oct.	172.4	145.6	127.5	156.3	234.1	204.4	126.6	132.3	159.2	166.7	155.2	154.1	152.5	151.0		
Nov.	175.6	147.7	126.7	156.5	236.2	202.8	127.8	132.1	152.9	160.7	154.9	151.7	151.8	148.1		

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 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

	of which:											
	Industry		Intermediate goods		Capital goods		Consumer goods		Durable consumer goods		Non-durable consumer goods	
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
Total	100.00		35.37		46.86		17.77		2.60		15.17	
Percentage weight 1 Period	100.00		35.37		46.86		17.77		2.60		15.17	
2021 Nov.	110.8	110.0	121.5	121.8	102.5	100.7	111.2	111.2	119.2	119.2	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		124.0		112.0	
Feb.	116.4	115.5	130.4	130.0	105.5	104.1	117.4	116.8	126.0	123.7	115.9	115.7
Mar.	113.7		131.7		98.0		119.3		121.0		119.1	
Apr.	115.6		133.9		99.4		121.8		128.0		120.8	
May	119.7	119.5	135.7	135.3	106.7	106.2	122.0	123.0	137.2	131.0	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		121.1		130.5		119.4	
Aug. 2	124.3	124.1	137.0	136.7	114.8	114.5	123.9	124.1	135.0	132.8	122.0	122.6
Sep. 2	125.6		136.8		116.4		127.4		132.8		126.5	
Oct.	125.5		135.4		117.7		126.3		130.6		125.6	
Nov.	128.3	126.6	135.5	133.4	122.4	121.2	129.5	127.2	130.3	129.9	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		127.6		127.9		127.6	
Feb.	128.7	127.0	133.7	132.1	124.6	122.5	129.5	128.6	133.9	133.2	128.8	127.8
Mar.	125.7		132.0		119.9		128.7		137.8		127.1	
Apr.	125.4		128.5		122.2		127.4		136.7		125.9	
May	129.3	127.3	128.0	127.5	129.9	126.6	130.2	128.5	132.2	133.0	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		128.2		127.1	
Aug. 2	125.2	124.9	125.4	124.0	124.1	124.9	127.9	126.7	133.6	128.9	127.0	126.3
Sep. 2	123.6		122.9		123.7		124.8		125.0		124.7	
Oct.	123.1		121.1		124.0		125.2		121.7		125.8	
Nov. p	122.3	...	121.7	...	121.6	...	125.6	...	119.9	...	126.6	...
Domestic	49.66		19.41		18.36		11.89		1.46		10.43	
Percentage weight 1 Period	49.66		19.41		18.36		11.89		1.46		10.43	
2021 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. 2	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	120.8	120.3	122.4	120.7	117.7	118.6	123.0	122.1	124.5	116.1	122.8	123.0
Sep. 2	119.5		118.5		119.0		121.7		110.9		123.2	
Oct.	117.0		117.8		114.2		120.1		102.3		122.6	
Nov. p	117.8	...	117.8	...	115.9	...	120.9	...	104.4	...	123.2	...

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 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 Nov.	112.5	111.8	125.7	126.0	103.8	102.4	118.5	118.7	135.0	134.4	114.5	114.9
Dec.	115.5		130.2		106.4		119.4		135.7		115.5	
2022 Jan.	118.9		133.1		110.7		120.5		137.6		116.3	
Feb.	118.0	116.7	134.4	134.1	106.9	105.4	127.0	124.4	140.9	136.4	123.6	121.5
Mar.	113.3		134.7		98.7		125.8		130.6		124.7	
Apr.	114.6		136.2		99.8		128.2		144.6		124.3	
May	121.6	120.8	138.8	138.1	109.8	108.9	132.4	131.2	162.2	149.9	125.2	126.7
June	126.1		139.2		117.2		132.9		142.8		130.5	
July ²	124.9		140.0		115.5		129.6		146.5		125.4	
Aug. ²	128.0	127.3	141.9	141.1	119.0	118.3	133.9	133.3	160.2	154.2	127.6	128.3
Sep.	128.9		141.4		120.3		136.5		155.8		131.9	
Oct.	129.6		139.0		123.5		133.3		151.3		128.9	
Nov.	132.0	130.8	138.7	136.3	127.2	126.5	137.1	136.5	150.5	151.1	133.8	132.9
Dec.	130.8		131.3		128.8		139.0		151.4		136.0	
2023 Jan.	129.8		132.8		126.6		136.8		142.9		135.3	
Feb.	132.0	129.9	136.1	134.1	128.7	126.0	137.0	137.1	152.4	151.3	133.3	133.7
Mar.	127.9		133.5		122.8		137.5		158.5		132.4	
Apr.	128.2		129.5		125.4		137.8		154.1		133.9	
May	134.8	132.3	130.1	130.1	136.7	132.3	138.2	138.1	151.6	152.2	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		138.7		147.6		136.5	
Aug. ²	129.6	129.5	129.1	128.1	128.2	129.1	137.9	135.9	145.2	145.2	136.1	133.6
Sep.	127.7		128.3		126.8		131.0		142.9		128.1	
Oct.	129.2		125.1		130.3		135.6		146.4		133.0	
Nov. ^p	126.8	...	126.4	...	125.3	...	135.2	...	139.7	...	134.1	...
Euro area and non-euro area												
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
Percentage weight ¹	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 Q3	107.4	103.5	120.4	118.7	95.4	94.2	111.2	124.6	142.9	119.7	104.7	126.0
Q4	113.9	110.4	126.7	125.3	102.5	102.4	116.0	122.1	149.1	120.4	109.2	122.5
2022 Q1	118.5	115.5	135.9	132.3	103.2	106.5	120.9	128.9	148.3	125.0	115.2	130.0
Q2	124.4	118.3	139.1	137.0	109.0	108.9	133.7	128.0	172.2	128.6	125.7	127.9
Q3	128.7	126.2	139.6	142.5	119.2	117.8	130.2	137.2	161.7	147.0	123.7	134.4
Q4	132.0	129.9	135.9	136.8	127.9	125.8	134.7	138.6	166.7	136.2	128.1	139.3
2023 Q1	134.1	127.0	134.8	133.5	132.4	122.9	137.6	136.5	173.1	130.5	130.3	138.2
Q2	134.2	130.9	128.8	131.3	137.9	129.5	136.4	140.3	173.6	131.8	128.8	142.7
Q3	134.0	126.4	127.7	128.4	138.3	124.5	136.7	134.8	172.0	119.8	129.4	139.1
2022 Nov.	133.8	130.8	138.5	138.9	128.9	126.4	136.7	137.6	165.0	136.7	130.8	137.9
Dec.	131.7	130.1	131.4	131.3	130.5	127.9	136.2	142.6	173.5	130.4	128.5	146.1
2023 Jan.	133.5	127.2	134.2	131.5	132.3	123.8	135.6	138.3	158.9	127.7	130.8	141.4
Feb.	135.8	129.4	136.8	135.4	134.1	126.0	138.2	135.5	175.2	130.7	130.6	136.9
Mar.	133.1	124.3	133.5	133.5	130.8	118.8	139.1	135.6	185.3	133.0	129.5	136.3
Apr.	132.9	124.9	130.9	128.2	133.6	121.3	135.5	140.7	173.8	135.3	127.6	142.2
May	135.6	134.2	129.1	131.0	140.2	135.0	137.7	138.8	170.3	133.8	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	128.8	126.5	127.1	139.5	128.5	140.8	136.1	185.1	111.9	131.6	143.1
Aug. ²	137.1	124.4	128.5	129.6	144.0	120.4	138.0	137.8	167.3	124.1	131.9	141.7
Sep.	130.1	126.1	128.0	128.5	131.4	124.5	131.4	130.5	163.5	123.4	124.8	132.5
Oct.	133.9	126.0	124.8	125.3	139.9	125.5	138.6	131.8	174.0	120.1	131.3	135.2
Nov. ^p	131.8	123.4	126.4	126.4	134.4	120.8	137.2	132.7	158.2	122.2	132.9	135.7

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

seasonally adjusted

Period	At current prices		At 2015 prices		At current prices				At current prices				At current prices																			
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly																
																	of which:															
																	In stores by enterprises main product range:															
Total				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		Retail sale via mail order houses or via internet as well as other retail sale 2																		
WZ 2008 3	47		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																			
2019 Apr.	114.7		111.0		111.2	108.9		106.9		108.3		118.3		137.6																		
May	112.5	114.5	108.6	110.6	109.9	111.7	98.6	107.1	110.3	108.7	105.5	107.2	118.9	118.3	135.1	138.3																
June	116.2		112.1		113.9	113.7	113.7		108.8		107.8		117.7		142.1																	
July	115.6		111.5		112.5	103.2		101.8		108.3		119.1		142.8																		
Aug.	115.5	115.7	111.3	111.6	113.7	112.8	105.1	104.9	111.5	109.4	107.5	108.2	119.2	119.7	139.6	142.4																
Sep.	116.1		111.9		112.3	106.5		114.9		108.8		120.7		144.9																		
Oct.	115.2		111.0		112.5	104.8		109.3		106.4		120.4		137.2																		
Nov.	115.9	115.9	111.4	111.5	114.4	113.2	109.3	105.7	109.9	109.9	108.6	107.6	119.1	120.5	134.5	138.6																
Dec.	116.7		112.1		112.6	103.0		110.6		107.9		121.9		144.2																		
2020 Jan.	117.2		112.5		112.7	105.2		110.7		110.0		126.0		145.3																		
Feb.	117.4	117.1	112.5	112.2	118.3	119.5	105.1	87.0	110.8	102.8	109.5	106.3	124.8	129.0	141.1	145.6																
Mar.	116.7		111.7		127.4	50.8		87.0		99.5		136.1		150.4																		
Apr.	110.6		105.8		122.9	28.0		63.2		95.0		116.8		176.0																		
May	122.5	118.5	117.4	113.4	125.0	121.7	75.6	66.1	113.6	97.1	122.7	113.7	116.9	118.8	176.1	175.7																
June	122.4		117.0		117.3	94.6		114.6		123.3		122.6		174.9																		
July	123.0		117.1		117.9	97.3		116.9		125.5		122.6		164.6																		
Aug.	125.3	124.1	119.1	118.1	123.9	120.6	97.3	97.8	113.1	112.8	124.9	124.9	124.7	124.4	172.6	168.1																
Sep.	123.9		118.1		120.0	98.7		108.5		124.2		126.0		167.0																		
Oct.	127.3		121.2		122.6	97.9		119.6		125.1		128.7		179.5																		
Nov.	127.8	125.8	121.7	119.7	122.7	123.3	85.0	81.0	126.5	114.1	131.9	123.9	128.9	129.2	183.7	182.3																
Dec.	122.4		116.3		124.5	60.1		96.2		114.8		130.0		183.6																		
2021 Jan.	111.5		105.6		124.9	23.9		58.3		66.0		126.1		192.5																		
Feb.	115.1	117.9	108.8	111.6	124.6	126.1	29.6	37.7	69.7	71.6	75.6	84.9	131.9	130.1	197.1	195.9																
Mar.	127.2		120.3		128.7	59.5		86.9		113.0		132.2		198.2																		
Apr.	120.1		113.4		122.2	37.7		80.6		99.9		133.6		197.2																		
May	124.0	125.0	116.7	117.7	123.9	122.1	60.0	69.8	86.4	91.6	108.2	111.7	132.8	133.5	204.4	199.6																
June	130.9		122.9		120.3	111.8		107.7		127.1		134.2		197.1																		
July	125.4		117.0		119.0	101.8		108.3		121.8		134.7		167.5																		
Aug.	127.5	126.0	119.0	117.5	117.8	118.3	106.4	102.4	109.5	108.0	126.5	122.6	139.3	135.9	184.2	176.3																
Sep.	125.1		116.5		118.2	98.9		106.2		119.6		133.7		177.3																		
Oct.	128.3		119.1		119.5	102.4		107.3		121.2		139.6		187.7																		
Nov.	130.5	129.2	120.8	119.5	120.7	120.4	98.6	95.0	109.5	107.8	121.5	120.0	140.3	140.7	187.8	188.7																
Dec.	128.7		118.5		121.0	84.0		106.6		117.2		142.3		190.6																		
2022 Jan. 4	132.2		120.7		126.9	85.6		107.5		123.7		144.9		187.3																		
Feb.	132.6	133.5	120.5	120.7	126.2	126.9	94.8	92.7	107.2	106.7	125.8	124.9	143.7	144.8	188.2	187.2																
Mar.	135.8		121.0		127.5	97.8		105.3		125.3		145.9		186.2																		
Apr.	132.2		117.0		125.3	97.3		107.3		122.5		142.9		188.9																		
May	133.1	132.4	115.8	115.5	125.0	125.3	105.9	102.3	106.6	106.6	123.5	122.3	145.2	143.4	187.3	188.3																
June	132.0		113.8		125.6	103.7		105.9		121.0		142.0		188.7																		
July	135.2		115.2		128.8	104.6		107.5		122.4		145.2		193.3																		
Aug.	135.0	136.0	114.3	115.1	129.9	130.0	103.8	108.2	107.5	109.2	121.1	122.9	145.1	145.9	192.1	194.3																
Sep.	137.9		115.8		131.3	116.3		112.6		125.2		147.5		197.4																		
Oct.	135.7		113.0		132.2	103.1		109.5		121.1		144.0		187.4																		
Nov.	136.0	135.5	113.1	112.6	131.7	131.2	108.9	106.2	108.9	108.6	121.9	121.5	146.1	144.6	187.7	186.1																
Dec.	134.7		111.6		129.7	106.7		107.3		121.4		143.6		183.3																		
2023 Jan.	135.2		112.3		132.7	101.1		106.8		120.1		142.3		182.5																		
Feb.	136.5	136.2	112.7	112.4	134.1	133.6	108.1	104.2	109.8	108.7	120.5	120.0	143.4	143.7	187.3	185.1																
Mar.	136.8		112.1		134.1	103.3		109.5		119.4		145.3		185.5																		
Apr.	137.7		112.8		135.6	103.6		107.5		118.9		146.3		186.6																		
May	139.2	138.7	113.7	113.2	137.0	136.3	108.9	109.1	107.4	107.4	121.9	120.7	150.0	148.7	189.1	189.4																
June	139.1		113.1		136.2	114.7		107.2		121.4		149.8		192.5																		
July	139.3		113.1		137.9	108.0		105.7		118.7		150.0		189.7																		
Aug.	138.4	138.7	111.9	112.3	137.0	138.1	108.4	107.0	106.0	106.5	119.0	119.0	150.7	150.9	188.5	185.6																
Sep.	138.3		111.8		139.3	104.7		107.9		119.4		152.1		178.7																		
Oct.	139.8		113.3		137.5	108.3		108.3		117.5		153.8		191.5																		
Nov.	136.6	...	110.8	...	137.5	110.8	...	109.2	...	113.8	...	146.5	...	186.2	...	...														

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, partially revised and particularly uncertain in recent months due to estimates for missing reports.

III. Economic activity and prices

4. Turnover

d) Turnover in services

2015 = 100

(R) seasonally adjusted

Period	of which:											
	Total ¹		Transportation and storage		Information and communication		Real estate activities		Professional, scientific and technical activities		Administrative and support service activities	
	H,I,J,L,M,N	H	J	L	M	N	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 Sep.	112.7		112.7		112.6		108.2		111.7		116.4	
Oct.	113.1		114.4		112.4		108.7		110.5		118.3	
Nov.	112.9	113.3	113.2	113.3	110.8	111.8	110.6	109.9	110.4	111.5	119.5	119.7
Dec.	113.9		112.2		112.1		110.3		113.6		121.4	
2019 Jan.	114.6		113.8		113.7		109.9		114.0		120.5	
Feb.	113.2	113.7	114.6	114.1	107.0	110.5	109.1	110.0	113.1	113.5	121.5	119.6
Mar.	113.4		114.0		110.8		111.1		113.5		116.9	
Apr.	113.3		113.9		112.0		109.5		114.2		114.7	
May	113.0	113.8	111.8	113.7	110.6	111.9	112.9	111.1	112.3	113.5	117.2	117.9
June	115.2		115.3		113.0		110.9		114.0		121.7	
July	113.8		114.2		111.8		109.4		114.1		117.6	
Aug.	115.2	114.5	114.7	114.5	112.5	112.6	114.1	111.3	115.3	114.7	118.9	117.8
Sep.	114.4		114.7		113.6		110.3		114.8		116.8	
Oct.	115.7		113.7		115.4		112.5		114.1		121.9	
Nov.	116.0	115.5	114.0	112.8	115.4	114.4	115.0	113.5	114.9	114.9	120.8	121.6
Dec.	114.8		110.7		112.4		113.1		115.8		122.0	
2020 Jan.	113.4		115.1		116.6		85.5		116.7		120.9	
Feb.	111.3	109.7	109.3	110.0	111.7	113.1	87.5	85.7	117.3	117.3	120.6	116.5
Mar.	104.5		105.7		110.9		84.0		117.8		108.0	
Apr.	94.9		96.0		110.0		79.8		109.3		91.1	
May	94.5	95.4	95.4	94.6	107.5	108.8	78.9	80.4	106.9	108.3	91.4	92.0
June	96.8		92.3		108.8		82.4		108.8		93.4	
July	99.9		96.0		110.7		83.6		107.6		96.8	
Aug.	101.2	100.5	100.5	98.8	109.7	109.2	83.1	83.8	109.0	109.2	95.5	95.2
Sep.	100.5		100.0		107.3		84.6		111.0		93.2	
Oct.	104.3		99.5		116.9		84.2		117.3		100.4	
Nov.	102.4	103.4	103.7	104.7	116.5	114.6	82.4	84.0	115.7	116.0	103.5	104.0
Dec.	103.6		110.8		110.4		85.4		115.0		108.0	
2021 Jan. ³	106.3		112.2		114.3		88.0		114.1		114.4	
Feb.	105.7	107.0	109.8	112.8	118.2	117.0	89.5	89.1	111.4	114.3	111.3	113.4
Mar.	109.1		116.5		118.4		89.8		117.3		114.5	
Apr.	108.6		116.1		113.3		91.3		118.6		116.1	
May	110.9	111.3	119.5	119.4	119.4	116.7	91.1	92.0	118.7	118.8	112.9	115.7
June	114.5		122.7		117.4		93.6		119.1		118.0	
July	116.5		123.6		118.6		92.8		119.3		119.7	
Aug.	117.6	117.2	125.0	124.6	119.7	118.7	92.1	92.9	120.3	119.8	119.7	120.6
Sep.	117.6		125.2		117.7		93.7		119.9		122.3	
Oct.	120.6		129.2		120.7		92.7		124.1		125.4	
Nov.	121.6	121.0	134.3	131.6	120.2	121.5	94.3	94.0	127.3	125.9	128.1	127.8
Dec.	120.8		131.3		123.7		95.1		126.2		130.0	
2022 Jan.	122.8		137.6		121.2		95.3		126.7		131.5	
Feb.	124.6	124.4	133.4	137.2	130.1	126.3	98.3	96.1	127.5	126.8	132.2	132.9
Mar.	125.8		140.7		127.5		94.8		126.2		135.1	
Apr.	128.7		143.0		125.2		98.1		129.3		137.7	
May	133.4	131.9	148.7	147.1	128.1	127.1	96.9	97.6	131.8	131.7	144.1	140.6
June	133.5		149.7		128.1		97.7		133.9		140.1	
July	134.2		148.7		130.9		99.3		134.3		139.6	
Aug.	134.2	134.5	147.2	147.4	129.1	131.3	97.2	98.5	136.6	136.3	143.6	141.6
Sep.	135.2		146.2		133.9		99.1		137.9		141.7	
Oct.	134.7		145.2		131.3		97.6		138.3		143.6	
Nov.	133.3	133.3	144.4	143.4	132.2	133.0	97.4	97.7	138.2	135.6	144.6	144.6
Dec.	131.8		140.7		135.6		98.1		130.3		145.7	
2023 Jan. ⁴	130.7		138.8		131.0		95.9		132.6		146.9	
Feb.	132.4	132.4	138.2	139.0	133.8	133.6	96.4	96.2	134.5	134.1	151.4	151.1
Mar.	134.0		140.0		136.1		96.2		135.1		155.0	
Apr.	133.3		137.3		135.0		100.0		135.5		148.7	
May	137.3	135.3	133.6	134.4	137.6	137.4	98.4	98.8	142.1	139.8	161.7	153.2
June	135.2		132.2		139.7		98.0		141.7		149.1	
July	136.1		134.1		137.8		99.2		144.5		151.0	
Aug.	136.8	136.5	133.9	133.8	140.2	138.8	98.4	98.8	146.4	144.6	152.0	152.5
Sep.	136.5		133.5		138.4		98.9		142.8		154.6	
Oct.	136.2		133.5		138.4		100.1		144.3		151.2	

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 Classification of Economic Activities, 2008 edition. ³ 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. ⁴ As of January 2023 figures are provisional and partially revised.

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 Nov.	45,059	45,046	33,241	33,214	4,627	4,631	2,279	2,277	5.0	5.0	33	32	802	804
Dec.	45,086		33,284		4,624		2,266		5.0		30		806	
2019 Jan.	45,137		33,337		4,621		2,267		5.0		30		805	
Feb.	45,174	45,176	33,384	33,354	4,619	4,620	2,248	2,251	5.0	5.0	20	25	807	807
Mar.	45,216		33,402		4,613		2,237		5.0		26		808	
Apr.	45,271		33,458		4,614		2,219		4.9		41		802	
May	45,286	45,278	33,482	33,463	4,602	4,606	2,278	2,258	5.0	5.0	49	47	794	795
June	45,278		33,495		4,590		2,278		5.0		50		789	
July	45,303		33,558		4,578		2,280		5.0		57		778	
Aug.	45,292	45,300	33,592	33,574	4,554	4,565	2,280	2,276	5.0	5.0	64	68	767	768
Sep.	45,304		33,650		4,537		2,267		5.0		82		759	
Oct.	45,332		33,680		4,523		2,279		5.0		96		744	
Nov.	45,361	45,356	33,697	33,688	4,521	4,524	2,272	2,279	5.0	5.0	102	99	732	728
Dec.	45,376		33,726		4,520		2,287		5.0		100		708	
2020 Jan.	45,414		33,776		4,519		2,296		5.0		121		709	
Feb.	45,424	45,380	33,796	33,771	4,515	4,496	2,280	2,284	5.0	5.0	124	939	710	707
Mar.	45,303		33,756		4,389		2,276		5.0		2,573		701	
Apr.	44,935		33,506		4,201		2,631		5.8		5,998		633	
May	44,699	44,767	33,381	33,490	4,184	4,228	2,863	2,807	6.2	6.1	5,720	5,393	586	594
June	44,666		33,410		4,209		2,929		6.4		4,460		564	
July	44,690		33,436		4,242		2,912		6.4		3,314		558	
Aug.	44,722	44,730	33,475	33,458	4,250	4,242	2,898	2,897	6.3	6.3	2,554	2,702	563	563
Sep.	44,779		33,514		4,256		2,881		6.3		2,239		569	
Oct.	44,813		33,586		4,238		2,846		6.2		2,015		587	
Nov.	44,774	44,790	33,634	33,606	4,155	4,195	2,809	2,812	6.1	6.1	2,370	2,353	598	595
Dec.	44,782		33,678		4,125		2,781		6.1		2,676		601	
2021 Jan.	44,741		33,672		4,090		2,763		6.0		3,282		600	
Feb.	44,729	44,751	33,679	33,686	4,074	4,087	2,775	2,766	6.1	6.0	3,347	3,146	601	606
Mar.	44,783		33,734		4,070		2,760		6.0		2,811		619	
Apr.	44,808		33,767		4,048		2,755		6.0		2,564		635	
May	44,831	44,861	33,801	33,793	4,048	4,061	2,731	2,722	6.0	5.9	2,328	2,149	656	659
June	44,944		33,889		4,102		2,679		5.8		1,555		685	
July	45,030		33,945		4,135		2,590		5.6		1,075		724	
Aug.	45,092	45,087	33,996	33,970	4,135	4,130	2,525	2,535	5.5	5.5	859	928	749	747
Sep.	45,140		34,048		4,135		2,489		5.4		851		770	
Oct.	45,172		34,097		4,128		2,446		5.3		756		789	
Nov.	45,239	45,237	34,184	34,144	4,121	4,123	2,407	2,414	5.2	5.3	732	752	805	805
Dec.	45,299		34,255		4,105		2,390		5.2		769		821	
2022 Jan.	45,378		34,329		4,095		2,357		5.1		836		837	
Feb.	45,427	45,432	34,394	34,354	4,099	4,099	2,329	2,332	5.1	5.1	791	782	848	846
Mar.	45,490		34,423		4,101		2,311		5.0		718		852	
Apr.	45,527		34,449		4,103		2,293		5.0		444		861	
May	45,571	45,565	34,502	34,476	4,112	4,108	2,294	2,335	5.0	5.1	313	331	868	865
June	45,596		34,530		4,115		2,419		5.3		235		866	
July	45,587		34,544		4,118		2,469		5.4		107		855	
Aug.	45,638	45,636	34,580	34,567	4,132	4,127	2,493	2,489	5.5	5.5	100	106	851	849
Sep.	45,682		34,625		4,146		2,507		5.5		110		842	
Oct.	45,722		34,624		4,163		2,510		5.5		119		827	
Nov.	45,749	45,753	34,633	34,635	4,166	4,163	2,524	2,517	5.5	5.5	127	128	821	819
Dec.	45,788		34,673		4,176		2,517		5.5		139		809	
2023 Jan.	r 45,824		34,700		4,187		2,512		5.5		134		808	
Feb.	r 45,875	45,871	34,745	34,721	4,199	4,191	2,521	2,525	5.5	5.5	144	142	802	800
Mar.	r 45,914		34,763		4,199		2,542		5.6		148		790	
Apr.	r 45,935		34,768		4,202		2,568		5.6		146		781	
May	r 45,954	45,949	34,785	34,777	4,208	4,206	2,581	2,587	5.6	5.6	152	154	769	770
June	r 45,958		34,793		4,215		2,613		5.7		162		759	
July	r 45,950		9 34,803		9 4,220		2,615		5.7		9 112		750	
Aug.	r 45,931	45,934	9 34,812	34,807	9 4,203	4,210	2,636	2,633	5.7	5.7	9 137	137	740	741
Sep.	r 45,921		9 34,820		9 4,196		2,648		5.7		9 163		734	
Oct.	r 45,939		9 34,853		9 4,188		2,677		5.8		9 174		732	
Nov.	10 45,961	...	...	...	...	...	2,698	2,693	5.8	5.8	...	...	732	734
Dec.	...		...		...		2,703		5.9		...		738	

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** As of May 2023, calculated on the basis of updated labour figures. **9** 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. **10** Initial preliminary estimate by the Federal Statistical Office.

III. Economic activity and prices

6. Labour costs *

2020 = 100

seasonally adjusted

WZ 2008 ²	Total (R)		of which: Production sector (R)				of which: Service activities (R)				of which: Private sector 1 (R)					
	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																
(R)																
2019 Q2	97.4	1.8	97.9	1.8	97.9	1.6	97.3	2.7	97.1	1.8	97.8	1.4	96.3	2.5	97.8	1.6
Q3	97.5	0.2	98.9	1.0	99.4	1.6	96.1	-1.2	96.9	-0.2	97.4	-0.4	96.3	0.0	98.1	0.2
Q4	97.8	0.3	98.3	-0.6	98.3	-1.1	97.8	1.8	97.5	0.7	98.0	0.6	96.9	0.7	98.2	0.1
2020 Q1	99.0	1.2	98.6	0.3	98.5	0.2	98.7	0.9	99.1	1.6	99.3	1.3	98.9	2.0	99.0	0.9
Q2	99.4	0.4	98.8	0.2	98.6	0.2	99.6	0.8	99.7	0.5	99.5	0.1	99.9	1.1	99.2	0.2
Q3	101.9	2.5	102.7	3.9	102.9	4.4	101.8	2.2	101.5	1.8	101.6	2.1	101.4	1.5	102.1	2.9
Q4	99.8	-2.0	100.0	-2.6	100.0	-2.9	99.9	-1.8	99.7	-1.8	99.6	-2.0	99.8	-1.5	99.8	-2.3
2021 Q1	98.4	-1.4	97.7	-2.3	97.1	-2.8	100.3	0.3	98.7	-1.0	98.5	-1.0	99.0	-0.9	98.2	-1.6
Q2	99.2	0.8	98.0	0.3	97.1	-0.1	101.8	1.5	99.7	1.0	99.6	1.0	99.8	0.9	98.9	0.7
Q3	103.5	4.4	103.8	5.9	103.3	6.4	106.4	4.5	103.4	3.8	103.7	4.2	103.1	3.2	103.8	4.9
Q4	103.1	-0.4	103.2	-0.6	102.8	-0.5	105.0	-1.3	103.1	-0.4	103.3	-0.4	102.7	-0.3	103.3	-0.5
2022 Q1	103.0	-0.1	103.2	0.1	101.9	-0.9	109.0	3.7	102.9	-0.1	103.5	0.1	102.3	-0.4	103.4	0.1
Q2	106.4	3.3	106.0	2.6	104.6	2.6	110.9	1.7	106.6	3.6	108.6	4.9	104.2	1.9	107.4	3.9
Q3	105.6	-0.8	104.4	-1.4	102.8	-1.7	110.5	-0.3	106.1	-0.5	107.8	-0.7	104.1	-0.1	106.3	-1.0
Q4	110.2	4.4	108.6	4.0	106.9	4.0	115.8	4.8	110.9	4.5	113.4	5.2	107.7	3.5	111.3	4.7
2023 Q1 ⁴	109.1	-1.0	109.2	0.5	107.9	1.0	113.3	-2.1	109.1	-1.6	111.6	-1.6	106.0	-1.6	110.5	-0.7
Q2	110.3	1.0	108.9	-0.3	106.9	-1.0	115.0	1.5	110.9	1.6	112.6	0.9	108.8	2.6	111.0	0.4
Q3	111.5	1.1	110.4	1.5	108.7	1.7	116.4	1.2	111.9	0.9	114.3	1.5	108.9	0.1	112.6	1.5
Index of gross wages and salaries																
(R)																
2019 Q2	97.5	2.0	98.2	1.9	98.3	1.7	97.7	2.7	97.2	-2.0	97.7	1.4	96.6	2.7	97.9	1.7
Q3	97.7	0.1	99.3	1.1	100.0	1.7	96.3	-1.4	97.0	-0.3	97.2	-0.5	96.6	-0.0	98.1	0.2
Q4	97.9	0.3	98.5	-0.7	98.6	-1.4	98.2	1.9	97.7	0.7	98.1	0.8	97.1	0.5	98.3	0.1
2020 Q1	99.1	1.2	98.9	0.4	98.8	0.2	99.2	1.1	99.2	1.6	99.4	1.4	98.9	1.9	99.2	1.0
Q2	99.3	0.1	98.6	-0.4	98.4	-0.4	99.3	0.0	99.6	0.4	99.4	-0.1	99.9	0.9	99.0	-0.2
Q3	101.9	2.6	102.7	4.2	103.0	4.7	101.7	2.5	101.5	1.9	101.6	2.2	101.4	1.5	102.1	3.1
Q4	99.7	-2.1	99.8	-2.9	99.8	-3.2	99.7	-2.0	99.7	-1.8	99.6	-1.9	99.8	-1.6	99.7	-2.4
2021 Q1	99.3	-0.4	98.8	-1.0	98.2	-1.5	101.3	1.6	99.6	-0.1	99.3	-0.3	100.0	0.2	99.1	-0.6
Q2	99.1	-0.3	97.7	-1.0	96.8	-1.4	101.6	0.2	99.7	0.1	99.6	0.2	99.9	-0.1	98.8	-0.3
Q3	103.5	4.5	103.9	6.3	103.4	6.8	106.3	4.7	103.4	3.7	103.7	4.2	102.9	3.1	103.8	5.1
Q4	102.7	-0.8	102.7	-1.1	102.4	-1.0	104.5	-1.7	102.7	-0.7	103.1	-0.5	102.0	-0.8	103.0	-0.8
2022 Q1	102.1	-0.6	102.6	-0.2	101.4	-1.0	107.9	3.3	101.9	-0.7	103.0	-0.1	100.5	-1.6	102.8	-0.1
Q2	105.3	3.1	104.9	2.2	103.6	2.2	109.2	1.2	105.4	3.4	107.9	4.7	102.1	1.6	106.6	3.7
Q3	104.1	-1.1	103.1	-1.6	101.7	-1.9	108.7	-0.5	104.5	-0.9	106.6	-1.2	101.7	-0.4	105.1	-1.4
Q4	108.6	4.3	107.2	3.9	105.7	3.9	113.6	4.6	109.2	4.5	112.2	5.3	105.1	3.4	110.0	4.7
2023 Q1 ⁴	107.5	-1.0	108.2	1.0	107.2	1.4	111.5	-1.9	107.2	-1.8	110.3	-1.7	103.0	-2.0	109.4	-0.6
Q2	109.4	1.8	108.0	-0.2	106.2	-0.9	113.3	1.6	110.1	2.7	111.9	1.5	107.6	4.5	110.2	0.8
Q3	110.1	0.6	109.2	1.1	107.7	1.3	114.3	0.8	110.5	0.4	113.2	1.1	106.9	-0.6	111.5	1.1
Index of non-wage costs																
2019 Q2	96.8	1.5	96.8	1.5	96.5	1.2	96.1	2.8	96.7	1.5	98.1	1.2	95.3	1.8	97.5	1.3
Q3	97.0	0.2	97.5	0.7	97.6	1.1	95.4	-0.7	96.7	0.0	98.1	-0.1	95.4	0.1	97.8	0.3
Q4	97.3	0.3	97.5	-0.0	97.4	-0.2	96.6	1.2	97.2	0.4	97.9	-0.1	96.4	1.0	97.7	-0.1
2020 Q1	98.4	1.1	97.3	-0.2	97.3	-0.0	96.9	0.3	98.8	1.7	99.0	1.1	98.6	2.3	98.2	0.5
Q2	99.8	1.5	99.5	2.3	99.3	2.1	100.6	3.8	100.0	1.2	99.9	0.9	100.0	1.4	99.8	1.5
Q3	101.8	1.9	102.4	2.9	102.6	3.3	101.9	1.4	101.5	1.5	101.6	1.6	101.4	1.4	102.0	2.2
Q4	100.0	-1.7	100.7	-1.7	100.7	-1.9	100.6	-1.3	99.7	-1.8	99.5	-2.1	100.0	-1.4	100.0	-1.9
2021 Q1	95.2	-4.8	93.9	-6.7	93.2	-7.5	96.5	-4.1	95.8	-3.9	95.5	-4.0	96.1	-3.9	94.8	-5.2
Q2	99.4	4.4	98.8	5.2	97.9	5.0	102.6	6.3	99.7	4.1	99.6	4.2	99.8	3.9	99.2	4.7
Q3	103.6	4.2	103.5	4.8	102.8	5.0	106.6	3.9	103.6	3.9	103.8	4.2	103.4	3.6	103.6	4.5
Q4	104.4	0.8	104.7	1.1	104.2	1.3	107.0	0.3	104.3	0.7	104.1	0.3	104.6	1.1	104.4	0.7
2022 Q1	106.1	1.6	105.6	0.9	103.7	-0.4	112.6	5.3	106.4	1.9	105.2	1.0	107.5	2.8	105.4	1.0
Q2	110.5	4.1	109.9	4.0	107.8	3.9	116.7	3.6	110.8	4.1	111.3	5.8	110.2	2.5	110.7	5.0
Q3	110.9	0.4	109.0	-0.8	106.6	-1.1	117.2	0.4	111.7	0.9	112.5	1.1	110.9	0.6	110.9	0.2
Q4	115.9	4.4	113.8	4.4	111.2	4.3	123.4	5.3	116.7	4.5	118.1	4.9	115.3	4.0	116.1	4.7
2023 Q1 ⁴	114.8	-0.9	112.7	-1.0	110.7	-0.5	119.8	-2.9	115.7	-0.9	116.7	-1.1	114.6	-0.6	114.9	-1.1
Q2	113.2	-1.4	111.8	-0.8	109.2	-1.3	121.1	1.1	113.7	-1.7	115.2	-1.3	112.2	-2.1	113.7	-1.1
Q3	116.1	2.6	114.8	2.6	112.3	2.8	123.8	2.2	116.7	2.6	118.7	3.0	114.6	2.1	116.9	2.9

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 2023.

III. Economic activity and prices

7. Producer and harmonised index of consumer prices

seasonally adjusted

	Producer price index 1			Harmonised index of consumer prices					
	Of industrial products		Of agricultural products (R)	Total 2 (R)	of which:				of which: Housing rents
	Total 2	Total excluding energy sources 3			Food (including alcoholic beverages and tobacco) (R)	Non-energy industrial goods	Energy	Services	
	2015 = 100		2020 = 100	2015 = 100					
Percentage weight	100.00	76.97	100.00	100.00	16.66	28.28	9.70	45.36	7.28
Period									
2020 Q3	103.3	104.8	97.6	4 105.5	4 110.3	4 103.3	4 97.5	4 107.0	107.8
Q4	104.3	105.4	96.2	4 105.5	4 110.6	4 103.3	4 96.8	4 107.1	108.1
2021 Q1	107.0	107.2	100.1	107.6	112.5	105.7	104.3	107.8	108.4
Q2	110.2	110.0	105.7	108.5	113.9	106.0	106.8	108.5	108.8
Q3	115.9	113.2	108.3	109.7	114.7	107.2	109.5	109.5	109.2
Q4	125.7	115.7	113.4	111.1	115.4	108.0	115.4	110.2	109.6
2022 Q1	136.2	120.8	124.6	114.2	117.8	109.5	132.4	110.9	110.0
Q2	146.9	127.4	141.5	117.5	123.5	111.7	145.7	111.4	110.5
Q3	165.7	129.0	145.9	120.0	129.5	113.8	154.6	111.9	111.1
Q4	160.9	130.2	153.3	123.1	134.0	115.9	157.3	114.6	111.6
2023 Q1	152.8	132.3	5 147.6	124.4	138.7	117.6	154.9	116.0	112.2
Q2	149.4	132.0	139.8	125.6	140.7	118.9	154.6	117.2	112.8
Q3	147.1	130.9	141.9	126.6	141.6	119.8	155.9	118.3	113.4
Q4	146.1	130.8	...	126.7	142.7	120.1	151.6	118.7	113.9
2020 Apr.	103.2	105.0	103.0	106.1	111.6	104.8	98.6	106.9	107.4
May	102.8	104.8	100.4	106.1	112.0	105.0	97.4	106.8	107.4
June	102.9	104.8	101.6	106.4	112.6	104.9	98.7	107.1	107.6
July	103.1	104.7	99.4	4 105.5	4 110.4	4 103.3	4 98.0	4 107.0	107.7
Aug.	103.2	104.7	97.0	4 105.5	4 110.4	4 103.4	4 97.6	4 107.0	107.8
Sep.	103.6	104.9	96.5	4 105.4	4 110.2	4 103.3	4 96.9	4 107.1	107.9
Oct.	103.8	105.1	96.6	4 105.5	4 110.6	4 103.4	4 97.0	4 107.0	108.0
Nov.	104.1	105.4	95.9	4 105.4	4 110.8	4 103.4	4 96.0	4 107.1	108.1
Dec.	104.9	105.7	96.0	4 105.5	4 110.3	4 103.1	4 97.4	4 107.3	108.2
2021 Jan.	106.3	106.6	98.1	107.3	112.1	105.7	102.6	107.6	108.3
Feb.	106.9	107.0	99.3	107.6	112.5	105.9	104.1	107.8	108.4
Mar.	107.8	107.9	102.8	107.9	112.8	105.4	106.2	108.0	108.6
Apr.	108.7	108.8	104.1	108.2	113.9	105.4	106.1	108.2	108.7
May	110.3	110.0	106.5	108.5	113.8	106.0	106.7	108.5	108.8
June	111.7	111.1	106.5	108.9	114.1	106.5	107.6	108.8	108.9
July	113.8	112.4	107.3	109.5	114.6	107.1	109.0	109.3	109.1
Aug.	115.5	113.4	109.0	109.7	114.7	107.1	109.4	109.5	109.2
Sep.	118.3	113.9	108.7	109.9	114.7	107.4	110.1	109.6	109.3
Oct.	122.9	114.8	111.0	110.6	114.9	107.5	114.6	109.8	109.5
Nov.	124.0	115.8	114.1	111.3	115.3	108.0	116.7	110.3	109.6
Dec.	130.3	116.5	115.0	111.4	116.1	108.4	115.0	110.6	109.7
2022 Jan.	132.9	119.2	117.5	112.8	117.0	109.0	123.7	110.7	109.8
Feb.	134.6	120.2	120.6	113.5	117.6	109.5	127.4	110.8	110.0
Mar.	141.1	122.9	135.6	116.2	118.7	110.1	146.1	111.1	110.2
Apr.	145.0	126.4	141.9	116.7	121.4	110.8	142.7	111.6	110.3
May	147.3	127.7	141.7	118.0	123.8	111.9	146.7	112.0	110.6
June	148.3	128.0	141.0	117.9	125.4	112.5	147.8	110.5	110.7
July	156.2	128.5	141.4	118.7	127.7	113.3	147.8	110.9	110.9
Aug.	168.5	129.0	145.4	119.3	129.5	113.7	148.6	111.3	111.1
Sep.	172.5	129.6	150.9	122.0	131.3	114.4	158.8	113.5	111.3
Oct.	165.3	130.2	153.9	123.4	132.7	115.3	164.5	114.1	111.4
Nov.	158.9	130.2	153.1	123.9	134.1	115.9	163.5	114.6	111.6
Dec.	158.4	130.3	152.8	122.1	135.1	116.4	143.9	115.0	111.8
2023 Jan.	154.9	131.9	5 150.4	123.6	136.5	117.1	154.8	115.4	112.0
Feb.	152.8	132.3	148.5	124.4	138.7	117.6	154.9	116.0	112.2
Mar.	150.6	132.6	143.9	125.2	140.8	118.1	155.0	116.6	112.4
Apr.	151.0	132.5	140.4	125.6	140.2	118.5	156.1	117.3	112.6
May	148.7	131.9	138.0	125.3	140.6	118.8	154.0	116.7	112.8
June	148.5	131.7	141.0	125.9	141.2	119.4	153.7	117.6	113.0
July	146.9	131.2	142.1	126.1	141.4	119.6	153.6	117.8	113.2
Aug.	147.3	130.8	143.7	126.7	141.4	120.0	156.5	118.3	113.5
Sep.	147.1	130.7	140.0	127.1	142.0	119.9	157.6	118.7	113.6
Oct.	147.1	130.8	137.6	126.9	142.2	120.0	154.7	118.7	113.8
Nov.	146.4	130.8	136.4	126.7	142.9	120.1	151.6	118.6	113.9
Dec.	144.8	130.9	...	126.6	142.9	120.3	148.4	118.7	114.1

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 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	122.2	120.6	120.8	124.7	125.2	119.4	119.6	97.9	97.6	101.0	101.0
Sep.	122.6		120.9		126.7		119.7		96.8		101.0	
Oct.	122.6		121.0		127.2		119.8		96.4		101.0	
Nov.	122.4	...	120.9	...	127.2	...	119.5	...	96.2	...	101.2	...

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		Services (R)		Primary income 2		Secondary income 3	
			monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 July	17.11		14.43		-2.03		9.61		-4.90	
Aug.	23.36	61.16	18.59	49.36	-1.18	-4.26	9.93	29.54	-3.98	-13.48
Sep.	20.69		16.34		-1.05		10.00		-4.60	
Oct.	21.37		16.71		-0.93		10.35		-4.76	
Nov.	19.43	60.33	15.06	49.32	-0.55	-3.91	10.27	30.49	-5.35	-15.57
Dec.	19.53		17.55		-2.43		9.87		-5.46	
2019 Jan.	25.84		18.62		-1.27		12.46		-3.97	
Feb.	21.68	75.35	17.11	56.64	-1.02	-3.20	11.18	35.05	-5.59	-13.14
Mar.	27.83		20.91		-0.91		11.41		-3.58	
Apr.	24.00		17.19		-0.91		12.19		-4.47	
May	25.73	71.92	18.43	53.21	0.26	-2.68	10.34	33.71	-3.30	-12.32
June	22.19		17.59		-2.03		11.18		-4.55	
July	23.54		18.20		-1.32		10.96		-4.30	
Aug.	25.73	73.80	19.90	56.76	-0.74	-2.74	10.72	32.65	-4.15	-12.87
Sep.	24.53		18.66		-0.68		10.97		-4.42	
Oct.	23.23		19.22		-1.83		10.45		-4.61	
Nov.	24.65	70.30	17.57	55.96	-0.27	-4.53	9.95	30.06	-2.60	-11.19
Dec.	22.42		19.17		-2.43		9.66		-3.98	
2020 Jan.	19.29		18.55		-2.13		9.01		-6.14	
Feb.	21.08	58.70	19.88	51.51	-2.87	-5.55	7.81	25.10	-3.74	-12.36
Mar.	18.33		13.08		-0.55		8.28		-2.48	
Apr.	11.11		4.28		2.23		9.72		-5.12	
May	12.99	41.61	10.09	27.82	0.88	5.39	8.52	22.25	-6.50	-13.85
June	17.51		13.45		2.28		4.01		-2.23	
July	20.64		17.61		-0.39		6.58		-3.16	
Aug.	21.46	62.15	17.68	52.74	-0.36	-0.59	7.65	20.89	-3.51	-10.89
Sep.	20.05		17.45		0.16		6.66		-4.22	
Oct.	24.01		18.50		2.59		6.94		-4.02	
Nov.	21.88	72.81	17.39	56.68	2.59	6.78	8.38	24.89	-6.48	-15.54
Dec.	26.92		20.79		1.60		9.57		-5.04	
2021 Jan.	29.91		22.04		1.56		9.73		-3.42	
Feb.	23.13	77.89	16.71	55.03	1.76	5.19	10.16	30.32	-5.50	-12.65
Mar.	24.85		16.28		1.87		10.43		-3.73	
Apr.	25.96		17.07		3.76		9.72		-4.59	
May	26.03	73.71	17.17	48.29	2.05	6.46	11.73	32.38	-4.92	-13.42
June	21.72		14.05		0.65		10.93		-3.91	
July	22.98		16.84		0.50		10.70		-5.06	
Aug.	23.42	68.53	15.58	46.69	0.21	0.85	12.16	36.27	-4.53	-15.28
Sep.	22.13		14.27		0.14		13.41		-5.69	
Oct.	21.43		14.91		-1.53		12.83		-4.78	
Nov.	20.53	62.00	13.26	40.20	-0.99	-2.89	12.89	37.89	-4.63	-13.20
Dec.	20.04		12.03		-0.37		12.17		-3.79	
2022 Jan.	21.26		12.55		0.79		12.59		-4.67	
Feb.	21.85	53.26	13.37	30.52	1.07	0.69	12.70	37.67	-5.29	-15.62
Mar.	10.15		4.60		-1.17		12.38		-5.66	
Apr.	12.19		7.23		-2.51		13.54		-6.07	
May	13.89	39.03	11.05	28.02	-2.71	-7.46	11.93	38.60	-6.38	-20.13
June	12.95		9.74		-2.24		13.13		-7.68	
July	11.51		7.93		-3.11		12.71		-6.02	
Aug.	6.55	27.05	4.47	19.50	-4.59	-12.26	12.74	37.01	-6.07	-17.20
Sep.	8.99		7.10		-4.56		11.56		-5.11	
Oct.	15.03		9.02		-1.68		12.04		-4.35	
Nov.	17.66	51.14	14.01	39.34	-4.05	-9.92	12.30	36.55	-4.60	-14.83
Dec.	18.45		16.31		-4.19		12.21		-5.88	
2023 Jan.	4 19.60		4 16.85		-3.04		9.90		-4.11	
Feb.	19.51	59.14	16.06	49.33	-4.17	-10.71	13.63	37.23	-6.01	-16.71
Mar.	20.03		16.42		-3.50		13.70		-6.59	
Apr.	24.69		20.20		-5.74		15.86		-5.63	
May	22.64	69.47	17.67	57.65	-5.91	-16.69	15.54	44.07	-4.66	-15.56
June	22.14		19.78		-5.04		12.67		-5.27	
July	20.83		18.32		-5.28		12.34		-4.55	
Aug.	27.56	74.33	22.40	61.13	-5.36	-15.02	14.93	41.68	-4.41	-13.46
Sep.	25.94		20.41		-4.38		14.41		-4.50	
Oct.	22.99		21.31		-4.88		12.26		-5.70	
Nov.	26.88	...	23.11	...	p -4.53	...	p 13.28	...	p -4.38	...

+ 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 2023 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:									
	Exports	Imports	Balance ²	Foreign trade						Supplementary trade items		Balance of net exports of goods under merchandising	
				Exports (f.o.b.)		Imports (c.i.f.)		Balance ²		To exports	To imports		
				Value	Volume ³	Value	Volume ³	Value	Volume ³				
2019 Q4	327.90	271.94	55.96	334.80	326.43	276.04	271.69	58.76	54.74	- 17.33	- 7.77	7.39	
2020 Q1	319.91	268.40	51.51	323.86	316.31	272.25	273.93	51.61	42.38	- 14.19	- 9.06	6.56	
Q2	248.83	221.01	27.82	252.74	249.76	226.48	237.44	26.25	12.32	- 12.63	- 9.98	4.05	
Q3	299.17	246.43	52.74	304.58	300.76	255.72	264.35	48.85	36.41	- 13.46	- 13.25	3.56	
Q4	315.25	258.57	56.68	319.65	313.79	267.99	273.91	51.66	39.88	- 14.43	- 13.90	6.05	
2021 Q1	326.95	271.92	55.03	333.40	322.64	279.17	274.49	54.22	48.15	- 13.84	- 11.95	4.72	
Q2	334.35	286.06	48.29	338.90	321.24	294.37	276.25	44.54	44.99	- 13.88	- 14.29	6.55	
Q3	334.78	288.09	46.69	339.48	312.82	296.89	263.68	42.60	49.14	- 12.26	- 13.47	5.32	
Q4	357.67	317.47	40.20	356.84	318.11	326.29	270.05	30.55	48.06	- 8.71	- 13.77	7.01	
2022 Q1	366.40	335.88	30.52	374.02	319.05	348.20	267.12	25.81	51.93	- 17.41	- 18.03	7.16	
Q2	389.83	361.81	28.02	396.38	323.90	381.32	273.75	15.07	50.15	- 18.74	- 25.68	8.88	
Q3	402.88	383.38	19.50	406.83	319.06	395.54	269.44	11.29	49.62	- 15.73	- 16.77	9.05	
Q4	401.28	361.94	39.34	406.89	324.56	373.51	264.65	33.37	59.91	- 15.35	- 16.85	7.02	
2023 Q1 ⁴	391.97	342.64	49.33	398.72	322.32	352.14	265.61	46.58	56.71	- 17.56	- 13.06	8.09	
Q2	389.87	332.22	57.65	393.71	321.40	343.39	271.55	50.32	49.85	- 16.68	- 15.12	10.03	
Q3	382.46	321.33	61.13	386.36	316.09	334.29	267.05	52.07	49.04	- 16.11	- 15.70	9.59	
2020 Feb.	111.15	91.27	19.88	112.31	109.46	92.13	91.95	20.18	17.51	- 5.06	- 2.41	2.33	
Mar.	98.64	85.56	13.08	100.06	98.29	86.88	89.94	13.18	8.35	- 4.49	- 3.51	2.07	
Apr.	74.43	70.15	4.28	75.86	74.89	72.27	76.15	3.58	- 1.26	- 4.75	- 4.28	1.40	
May	82.41	72.32	10.09	82.92	82.02	74.17	77.91	8.75	4.11	- 3.19	- 3.00	1.15	
June	91.99	78.54	13.45	93.96	92.85	80.04	83.38	13.92	9.47	- 4.69	- 2.70	1.50	
July	96.84	79.23	17.61	99.05	97.97	82.02	84.91	17.03	13.06	- 4.70	- 4.51	1.07	
Aug.	100.60	82.92	17.68	101.35	100.05	86.12	89.06	15.23	10.99	- 4.08	- 4.40	1.47	
Sep.	101.73	84.28	17.45	104.18	102.74	87.58	90.38	16.59	12.36	- 4.68	- 4.34	1.02	
Oct.	102.49	83.99	18.50	104.54	103.00	86.64	89.04	17.90	13.96	- 4.48	- 3.92	1.24	
Nov.	105.01	87.62	17.39	106.83	104.84	90.93	92.98	15.90	11.86	- 4.80	- 4.92	1.54	
Dec.	107.75	86.96	20.79	108.28	105.95	90.42	91.89	17.86	14.06	- 5.15	- 5.06	3.27	
2021 Jan.	107.83	85.79	22.04	110.29	107.29	88.52	88.34	21.77	18.95	- 4.49	- 4.02	1.17	
Feb.	106.88	90.17	16.71	109.60	106.10	92.61	91.15	16.99	14.95	- 4.51	- 3.90	1.01	
Mar.	112.24	95.96	16.28	113.51	109.25	98.04	95.00	15.46	14.25	- 4.84	- 4.03	2.54	
Apr.	111.04	93.97	17.07	112.72	107.66	96.64	92.39	16.09	15.27	- 4.64	- 4.73	1.99	
May	112.96	95.79	17.17	113.53	107.61	98.17	92.18	15.36	15.43	- 4.57	- 4.40	3.14	
June	110.35	96.30	14.05	112.65	105.97	99.56	91.68	13.09	14.29	- 4.67	- 5.16	1.42	
July	112.71	95.87	16.84	114.92	106.80	98.46	88.62	16.47	18.18	- 4.32	- 4.07	1.34	
Aug.	110.51	94.93	15.58	112.43	103.62	98.93	87.86	13.50	15.76	- 4.35	- 5.80	1.71	
Sep.	111.56	97.29	14.27	112.13	102.40	99.50	87.20	12.63	15.20	- 3.59	- 3.60	2.27	
Oct.	115.98	101.07	14.91	116.75	105.09	104.37	88.08	12.38	17.01	- 3.67	- 4.78	2.11	
Nov.	119.37	106.11	13.26	118.91	106.07	108.58	89.07	10.33	17.00	- 3.23	- 4.15	2.68	
Dec.	122.32	110.29	12.03	121.18	106.95	113.34	92.90	7.84	14.05	- 1.81	- 4.84	2.22	
2022 Jan.	118.50	105.95	12.55	121.40	105.57	110.17	86.68	11.23	18.89	- 5.44	- 5.64	1.73	
Feb.	125.86	112.49	13.37	127.66	109.86	116.84	91.00	10.82	18.86	- 5.49	- 6.08	2.89	
Mar.	122.04	117.44	4.60	124.96	103.62	121.19	89.44	3.76	14.18	- 6.48	- 6.31	2.54	
Apr.	127.02	119.79	7.23	129.51	106.59	125.93	91.32	3.58	15.27	- 6.69	- 8.63	3.13	
May	130.58	119.53	11.05	132.00	108.02	127.14	91.34	4.87	16.68	- 5.62	- 9.92	2.79	
June	132.23	122.49	9.74	134.87	109.29	128.25	91.09	6.62	18.20	- 6.43	- 7.13	2.96	
July	132.45	124.52	7.93	133.08	105.70	128.70	90.00	4.38	15.70	- 5.17	- 5.76	3.73	
Aug.	135.43	130.96	4.47	136.93	106.39	134.97	90.34	1.96	16.05	- 5.25	- 5.41	2.85	
Sep.	135.00	127.90	7.10	136.82	106.97	131.87	89.10	4.95	17.87	- 5.31	- 5.60	2.47	
Oct.	134.76	125.74	9.02	137.52	109.49	129.76	88.76	7.75	20.73	- 5.97	- 5.90	2.23	
Nov.	135.89	121.88	14.01	138.04	110.34	126.15	90.30	11.89	20.04	- 5.38	- 6.32	2.34	
Dec.	130.63	114.32	16.31	131.33	104.73	117.60	85.59	13.73	19.14	- 4.00	- 4.63	2.45	
2023 Jan. ⁴	129.94	113.09	16.85	132.27	106.58	116.81	86.27	15.46	20.31	- 5.36	- 5.00	2.22	
Feb.	133.48	117.42	16.06	136.21	110.11	121.07	91.72	15.14	18.39	- 6.06	- 4.79	2.61	
Mar.	128.55	112.13	16.42	130.24	105.63	114.26	87.62	15.98	18.01	- 6.14	- 3.27	3.26	
Apr.	130.64	110.44	20.20	131.16	106.81	114.19	89.07	16.97	17.74	- 5.03	- 4.71	3.78	
May	128.87	111.20	17.67	131.01	107.12	115.85	91.65	15.16	15.47	- 6.11	- 6.49	2.84	
June	130.36	110.58	19.78	131.54	107.47	113.35	90.83	18.19	16.64	- 5.54	- 3.92	3.41	
July	127.17	108.85	18.32	129.59	106.22	112.26	90.39	17.33	15.83	- 6.92	- 4.27	3.50	
Aug.	128.57	106.17	22.40	129.80	106.31	112.08	89.88	17.72	16.43	- 4.57	- 6.86	2.55	
Sep.	126.72	106.31	20.41	126.97	103.56	109.95	86.78	17.02	16.78	- 4.62	- 4.57	3.54	
Oct.	126.70	105.39	21.31	126.47	103.16	108.77	85.51	17.71	17.65	- 4.83	- 4.31	4.25	
Nov.	130.63	107.52	23.11	131.24	107.22	110.46	86.84	20.78	20.38	- 5.00	- 3.90	3.48	

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 2023 provisional and partially revised.

IV. External sector

1. Current account

c) Services and primary income

€ billion

seasonally adjusted

Period	Services (f.o.b.) (R)								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 July	24.96		26.99		3.03		7.35		20.25		10.64		18.35		8.81	
Aug.	25.84	76.58	27.02	80.84	2.99	9.14	6.39	20.42	20.30	60.93	10.37	31.39	18.49	55.26	8.63	25.95
Sep.	25.78		26.83		3.12		6.68		20.38		10.38		18.42		8.51	
Oct.	25.92		26.85		2.99		6.56		20.62		10.27		18.78		8.30	
Nov.	27.60	79.75	28.15	83.66	3.04	9.15	6.98	21.65	21.00	61.65	10.73	31.16	19.03	56.43	8.82	25.43
Dec.	26.23		28.66		3.12		8.11		20.03		10.16		18.62		8.31	
2019 Jan.	26.40		27.67		3.06		6.74		22.28		9.82		20.23		7.87	
Feb.	26.87	80.48	27.89	83.68	3.14	9.34	6.84	20.31	21.88	65.86	10.70	30.81	19.95	59.97	8.81	25.06
Mar.	27.21		28.12		3.14		6.73		21.70		10.29		19.79		8.38	
Apr.	27.84		28.75		3.27		7.13		21.90		9.71		20.04		7.86	
May	27.88	82.31	27.62	84.99	3.01	9.43	6.36	20.58	21.97	65.48	11.63	31.77	19.93	59.61	9.68	26.20
June	26.59		28.62		3.15		7.09		21.61		10.43		19.64		8.66	
July	27.51		28.83		3.08		7.25		20.92		9.96		19.07		8.06	
Aug.	27.69	82.85	28.43	85.59	3.13	9.27	6.88	20.78	20.77	62.22	10.05	29.57	18.89	56.65	8.00	23.68
Sep.	27.65		28.33		3.06		6.65		20.53		9.56		18.69		7.62	
Oct.	27.58		29.41		3.07		7.41		19.83		9.38		17.96		7.46	
Nov.	27.80	82.93	28.07	87.46	3.17	9.38	6.42	21.19	19.35	58.14	9.40	28.08	17.54	52.34	7.52	22.38
Dec.	27.55		29.98		3.14		7.36		18.96		9.30		16.84		7.40	
2020 Jan.	28.13		30.26		3.05		8.08		17.80		8.79		15.90		6.87	
Feb.	27.51	80.61	30.38	86.16	3.14	8.20	8.02	20.86	17.45	52.23	9.64	27.13	15.49	46.52	7.82	21.51
Mar.	24.97		25.52		2.01		4.76		16.98		8.70		15.13		6.82	
Apr.	22.83		20.60		0.77		0.54		16.25		6.53		14.53		4.76	
May	21.34	66.91	20.46	61.52	0.79	2.74	0.55	2.39	16.03	48.37	7.51	26.12	14.02	42.91	5.84	21.01
June	22.74		20.46		1.18		1.30		16.09		12.08		14.36		10.41	
July	23.08		23.47		1.63		3.22		16.28		9.70		14.57		8.04	
Aug.	23.31	69.62	23.67	70.21	1.83	5.22	3.33	9.54	16.55	49.30	8.90	28.41	14.78	44.07	7.33	23.57
Sep.	23.23		23.07		1.76		2.99		16.47		9.81		14.72		8.20	
Oct.	24.77		22.18		1.51		1.64		17.03		10.09		15.27		8.42	
Nov.	24.19	73.01	21.60	66.23	1.22	3.68	1.05	3.66	17.19	52.50	8.81	27.61	15.46	46.75	7.03	22.45
Dec.	24.05		22.45		0.95		0.97		18.28		8.71		16.02		7.00	
2021 Jan.	24.88		23.32		0.95		1.11		18.69		8.96		16.83		7.25	
Feb.	25.07	75.44	23.31	70.25	0.96	2.96	1.10	3.48	19.34	57.73	9.18	27.41	17.41	52.04	7.43	22.21
Mar.	25.49		23.62		1.05		1.27		19.70		9.27		17.80		7.53	
Apr.	27.46		23.70		0.96		1.13		20.06		10.34		18.17		8.73	
May	26.71	82.11	24.66	75.65	1.03	3.38	1.29	5.57	20.46	61.40	8.73	29.02	18.65	55.76	6.87	23.73
June	27.94		27.29		1.39		3.15		20.88		9.95		18.94		8.13	
July	29.33		28.83		1.75		4.11		21.62		10.92		19.71		9.14	
Aug.	29.90	90.12	29.69	89.27	2.00	5.80	4.93	14.33	22.30	66.97	10.14	30.70	20.38	61.18	8.29	25.21
Sep.	30.89		30.75		2.05		5.29		23.05		9.64		21.09		7.78	
Oct.	31.91		33.44		2.19		5.89		22.94		10.11		20.98		8.23	
Nov.	31.69	94.68	32.68	97.57	2.21	6.22	4.79	15.08	23.00	69.19	10.11	31.30	21.10	64.04	8.24	25.59
Dec.	31.08		31.45		1.82		4.40		23.25		11.08		21.96		9.12	
2022 Jan.	33.42		32.63		1.73		4.95		23.27		10.68		21.27		8.65	
Feb.	33.46	99.18	32.39	98.49	1.88	5.69	5.19	15.37	23.35	70.22	10.65	32.55	21.29	64.05	8.47	26.19
Mar.	32.30		33.47		2.08		5.23		23.60		11.22		21.49		9.07	
Apr.	32.79		35.30		2.33		7.15		24.01		10.47		21.90		8.28	
May	33.36	100.56	36.07	108.02	2.40	7.38	7.30	21.76	24.51	73.06	12.58	34.46	22.49	66.97	10.46	27.79
June	34.41		36.65		2.65		7.31		24.54		11.41		22.58		9.05	
July	34.99		38.10		2.71		7.16		24.41		11.70		22.29		9.52	
Aug.	34.76	105.15	39.35	117.41	2.77	8.29	7.67	22.91	25.02	74.42	12.28	37.41	22.89	68.06	10.02	30.77
Sep.	35.40		39.96		2.81		8.08		24.99		13.43		22.88		11.23	
Oct.	35.18		36.86		2.81		7.23		25.36		13.32		23.38		11.04	
Nov.	34.61	101.83	38.66	111.75	2.60	8.10	7.86	23.50	26.14	77.23	13.84	40.68	24.14	72.50	11.46	33.71
Dec.	32.04		36.23		2.69		8.41		25.73		13.52		24.98		11.21	
2023 Jan.	32.66		35.70		2.78		7.44		26.73		16.83		24.69		14.55	
Feb.	33.01	98.52	37.18	109.23	2.76	8.23	6.99	21.36	28.03	84.20	14.40	46.97	25.94	77.84	12.13	40.30
Mar.	32.85		36.35		2.69		6.93		29.44		15.74		27.21		13.62	
Apr.	32.54		38.28		3.04		8.46		30.41		14.55		28.11		12.58	
May	32.10	97.61	38.01	114.30	2.78	8.72	7.86	24.28	29.80	90.99	14.26	46.92	28.11	84.63	12.63	39.60
June	32.97		38.01		2.90		7.96		30.78		18.11		28.41		14.39	
July	32.44		37.72		2.85		7.96		30.30		17.96		28.05		15.96	
Aug.	32.17	98.66	37.53	113.68	2.79	8.46	7.86	23.90	33.21	95.48	18.28	53.80	30.96	88.78	16.18	47.82
Sep.	34.05		38.43		2.82		8.08		31.97		17.56		29.77		15.68	
Oct.	34.30		39.18		2.77		8.45		31.42		19.16		29.37		17.31	
Nov. ^p	33.43	...	38.56	...	2.78	...	8.50	...	31.74	...	18.46	...	29.77	...	16.79	...

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)		of which:				United States		Asia		OPEC countries			
					Euro area (20)										Other European countries	
monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	
2018 July	76.07		59.11		42.19		16.97		33.71		9.53		18.21		1.88	
Aug.	74.47	225.00	57.86	175.12	41.20	124.81	16.62	49.89	35.76	104.73	9.65	28.62	19.02	56.82	1.89	5.83
Sep.	74.46		58.15		41.42		16.30		35.26		9.44		19.59		2.06	
Oct.	75.50		58.86		41.91		16.64		34.17		9.30		18.21		1.80	
Nov.	74.45	226.42	57.95	176.17	41.17	125.49	16.51	50.26	35.34	105.59	9.57	28.97	18.72	55.85	2.18	5.99
Dec.	76.47		59.36		42.41		17.11		36.08		10.10		18.92		2.01	
2019 Jan.	75.86		58.68		41.89		17.18		36.21		10.06		18.84		1.63	
Feb.	75.62	228.70	58.13	176.10	41.55	125.84	17.50	52.61	34.73	106.65	9.36	29.43	17.97	55.10	1.60	4.92
Mar.	77.22		59.29		42.40		17.93		35.71		10.01		18.29		1.69	
Apr.	74.01		57.76		41.28		16.25		35.46		9.94		18.67		1.65	
May	74.56	224.34	57.50	174.10	41.01	124.12	17.06	50.23	35.37	105.77	10.16	30.02	18.56	55.44	1.91	5.54
June	75.77		58.84		41.83		16.92		34.94		9.92		18.21		1.98	
July	74.73		57.78		40.88		16.95		35.61		10.16		18.87		2.13	
Aug.	74.99	226.63	57.82	175.16	40.95	124.17	17.17	51.47	34.76	104.75	10.39	30.28	17.74	54.91	1.84	5.76
Sep.	76.91		59.56		42.34		17.35		34.38		9.73		18.30		1.79	
Oct.	76.69		58.86		41.68		17.83		35.31		10.23		18.74		2.15	
Nov.	75.14	226.50	58.87	175.25	41.30	123.58	16.27	51.25	35.12	107.44	9.71	29.62	18.38	57.21	1.91	6.12
Dec.	74.67		57.52		40.60		17.15		37.01		9.68		20.09		2.06	
2020 Jan.	75.90		59.08		41.58		16.82		35.33		9.71		18.41		1.95	
Feb.	76.04	220.01	59.08	169.54	41.37	118.47	16.96	50.47	36.03	103.18	10.00	28.84	18.58	53.38	1.96	5.70
Mar.	68.07		51.38		35.52		16.69		31.82		9.13		16.39		1.79	
Apr.	49.98		38.02		26.27		11.95		25.79		6.40		15.07		1.36	
May	55.73	170.62	43.33	131.10	30.86	92.51	12.40	39.51	27.13	81.90	6.99	20.57	15.39	47.43	1.39	4.14
June	64.91		49.75		35.38		15.16		28.98		7.18		16.97		1.39	
July	67.96		52.42		36.84		15.53		30.99		8.32		17.75		1.54	
Aug.	71.22	212.04	54.68	163.43	38.15	114.56	16.53	48.60	30.03	92.23	8.37	25.44	16.54	51.57	1.45	4.40
Sep.	72.86		56.33		39.57		16.54		31.21		8.75		17.28		1.41	
Oct.	72.29		55.69		38.87		16.60		32.14		9.03		17.37		1.43	
Nov.	73.24	218.90	56.94	169.64	39.86	118.28	16.30	49.26	33.29	100.23	9.14	27.83	18.08	54.27	1.36	4.93
Dec.	73.37		57.01		39.55		16.36		34.80		9.66		18.82		2.14	
2021 Jan.	74.28		59.09		41.39		15.19		35.89		9.87		18.81		1.65	
Feb.	74.02	226.15	58.62	179.15	40.57	124.83	15.40	47.00	35.46	106.85	9.79	29.26	18.77	56.69	1.53	4.86
Mar.	77.85		61.44		42.87		16.41		35.50		9.60		19.11		1.68	
Apr.	77.27		60.80		42.46		16.47		35.31		10.24		18.61		1.61	
May	78.45	233.29	62.34	184.76	43.45	129.23	16.11	48.54	34.93	105.14	9.80	29.68	18.61	55.86	1.75	5.13
June	77.57		61.62		43.32		15.96		34.90		9.64		18.64		1.77	
July	80.62		63.47		44.36		17.15		34.10		10.17		17.71		1.45	
Aug.	78.28	236.80	61.76	186.91	43.44	131.12	16.52	49.88	33.93	102.06	9.92	30.22	18.14	53.74	1.57	4.63
Sep.	77.90		61.68		43.32		16.21		34.03		10.13		17.89		1.61	
Oct.	80.41		63.77		45.06		16.64		36.10		10.39		19.25		1.67	
Nov.	82.08	247.82	64.61	196.62	45.34	137.99	17.47	51.21	36.60	108.32	10.39	31.64	18.82	56.33	1.53	4.93
Dec.	85.33		68.24		47.59		17.10		35.62		10.86		18.26		1.73	
2022 Jan.	82.40		64.61		45.23		17.79		38.78		11.15		19.66		1.74	
Feb.	87.45	255.38	70.34	204.45	48.89	142.17	17.12	50.94	39.97	117.83	11.27	34.39	20.90	60.44	1.64	5.04
Mar.	85.53		69.50		48.05		16.03		39.08		11.97		19.88		1.66	
Apr.	88.59		71.42		50.10		17.18		40.51		12.62		19.66		1.58	
May	90.47	270.96	73.46	219.15	52.13	154.17	17.01	51.82	41.06	124.03	13.33	39.97	19.93	60.37	1.62	4.95
June	91.90		74.27		51.94		17.63		42.46		14.02		20.78		1.75	
July	93.11		75.55		53.35		17.56		39.45		12.13		20.21		1.82	
Aug.	94.48	280.98	76.58	227.41	54.03	160.38	17.90	53.57	41.92	124.29	13.62	40.21	21.11	62.62	2.11	6.17
Sep.	93.39		75.28		53.00		18.11		42.92		14.46		21.30		2.24	
Oct.	93.17		75.05		52.93		18.12		43.85		13.96		20.92		1.94	
Nov.	94.79	279.36	75.52	224.14	53.11	158.10	19.28	55.22	42.82	126.23	13.64	40.26	20.65	60.92	1.93	5.51
Dec.	91.40		73.57		52.06		17.82		39.56		12.66		19.35		1.64	
2023 Jan. ¹	90.35		72.69		51.52		17.66		41.56		12.99		19.52		2.16	
Feb.	91.29	269.45	73.59	215.40	52.02	151.98	17.60	54.06	44.56	128.16	13.70	39.44	21.36	61.10	2.12	6.45
Mar.	87.81		69.12		48.44		18.70		42.04		12.75		20.22		2.17	
Apr.	88.43		71.35		49.94		17.08		42.37		13.19		20.64		2.10	
May	88.66	266.02	70.72	213.45	49.54	149.72	17.93	52.57	41.98	126.58	12.90	39.07	20.42	61.64	1.92	5.93
June	88.93		71.38		50.24		17.56		42.23		12.98		20.58		1.91	
July	88.45		70.72		49.64		17.73		40.73		13.30		20.03		2.07	
Aug.	88.45	263.72	71.25	211.78	50.11	148.48	17.20	51.94	40.86	121.24	13.36	39.63	19.98	59.54	2.05	6.18
Sep.	86.82		69.81		48.73		17.01		39.65		12.97		19.53		2.06	
Oct.	85.23		67.83		47.84		17.40		40.75		13.57		19.15		2.05	
Nov.	89.77	...	71.39	...	50.31	...	18.38	...	41.07	...	13.41	...	19.15	...	2.00	...

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 2023 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		
Period	monthly	quarterly	monthly	quarterly	monthly	quarterly	20 and 21		26 and 27		28		29		
							monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	
2018 July	33.48		49.21		20.36		17.08		17.13		16.18		19.18		
Aug.	33.99	100.86	49.01	147.73	20.50	61.05	17.56	51.75	17.06	51.92	16.52	49.08	18.44	56.21	
Sep.	33.39		49.51		20.19		17.11		17.73		16.38		18.59		
Oct.	34.43		48.61		19.98		16.82		17.62		16.66		18.43		
Nov.	33.82	102.27	49.64	150.11	19.70	59.52	16.36	49.84	17.26	52.52	16.31	50.01	18.70	56.81	
Dec.	34.02		51.86		19.84		16.66		17.64		17.04		19.68		
2019 Jan.	34.25		50.95		20.22		16.86		17.66		16.74		19.26		
Feb.	33.66	102.36	49.82	152.06	19.56	59.82	16.63	50.29	17.44	52.83	16.34	49.83	18.97	57.28	
Mar.	34.45		51.29		20.04		16.80		17.73		16.75		19.05		
Apr.	33.23		49.70		19.85		16.48		17.25		16.41		18.75		
May	32.77	99.47	50.09	149.62	20.01	60.73	16.53	50.28	17.29	51.83	16.39	49.25	19.19	56.96	
June	33.47		49.83		20.87		17.27		17.29		16.45		19.02		
July	33.39		49.88		20.31		16.87		17.56		16.38		18.78		
Aug.	33.16	100.59	49.15	148.33	20.55	61.75	16.58	50.90	17.52	52.54	16.51	49.23	18.68	56.19	
Sep.	34.04		49.30		20.89		17.45		17.46		16.34		18.73		
Oct.	33.60		50.23		21.33		17.55		17.50		16.49		18.52		
Nov.	33.05	99.49	49.27	150.28	20.99	63.42	16.91	51.34	17.49	52.30	16.18	49.23	18.38	55.54	
Dec.	32.84		50.78		21.10		16.88		17.31		16.56		18.64		
2020 Jan.	33.93		49.43		20.98		16.95		17.68		16.46		18.70		
Feb.	34.26	99.88	49.19	140.14	21.58	62.77	17.59	52.36	17.39	51.25	16.07	47.11	18.58	51.44	
Mar.	31.69		41.52		20.21		17.82		16.18		14.58		14.16		
Apr.	26.78		25.77		18.10		16.12		13.82		11.70		4.62		
May	26.23	81.56	32.59	99.15	19.55	57.27	15.38	46.80	14.12	43.19	12.51	38.08	9.35	29.21	
June	28.55		40.79		19.62		15.30		15.25		13.87		15.24		
July	29.76		43.54		20.18		15.91		16.19		14.58		16.37		
Aug.	31.47	93.64	43.51	132.52	20.42	61.17	16.03	48.68	16.32	49.39	14.57	44.19	16.25	50.13	
Sep.	32.41		45.47		20.57		16.74		16.88		15.04		17.51		
Oct.	32.41		45.56		20.61		16.83		16.45		15.13		18.85		
Nov.	34.03	100.65	45.90	138.61	20.81	62.15	17.67	51.97	17.52	51.37	15.53	46.11	18.11	55.93	
Dec.	34.21		47.15		20.73		17.47		17.40		15.45		18.97		
2021 Jan.	35.22		46.60		21.51		18.55		17.78		15.79		17.93		
Feb.	34.90	106.29	47.22	141.60	20.92	64.50	17.50	55.07	17.93	53.82	15.79	48.12	17.86	54.84	
Mar.	36.17		47.78		22.07		19.02		18.11		16.54		19.05		
Apr.	36.36		46.88		22.32		19.64		18.19		16.20		18.40		
May	37.11	110.41	46.33	139.53	23.01	68.08	19.87	59.44	18.20	54.25	16.49	48.86	17.08	52.61	
June	36.94		46.32		22.75		19.93		17.86		16.17		17.13		
July	37.74		46.58		22.62		20.02		18.19		16.40		16.89		
Aug.	37.70	113.08	43.84	134.36	22.96	68.54	20.78	61.50	18.28	54.65	16.36	49.06	13.84	46.01	
Sep.	37.64		43.94		22.96		20.70		18.18		16.30		15.28		
Oct.	38.36		47.30		23.22		20.36		18.14		16.30		17.87		
Nov.	39.39	118.34	47.41	141.43	23.59	71.26	20.95	63.54	18.51	55.57	16.25	48.62	18.30	54.43	
Dec.	40.59		46.72		24.45		22.23		18.92		16.07		18.26		
2022 Jan.	40.21		48.06		23.99		21.18		18.62		16.44		19.17		
Feb.	41.81	123.92	49.66	143.29	26.92	78.24	23.12	67.90	19.79	57.78	17.07	49.72	19.49	55.31	
Mar.	41.90		45.57		27.33		23.60		19.37		16.21		16.65		
Apr.	42.70		47.74		28.26		24.50		19.51		16.85		18.27		
May	43.74	130.11	49.43	149.20	29.43	85.90	26.16	74.82	19.58	59.59	17.37	51.39	19.82	59.41	
June	43.67		52.03		28.21		24.16		20.50		17.17		21.32		
July	43.20		51.18		26.47		23.19		20.47		17.66		20.44		
Aug.	43.61	130.74	52.63	156.90	28.38	83.78	23.83	72.25	21.22	62.52	18.23	53.66	20.86	63.44	
Sep.	43.93		53.09		28.93		25.23		20.83		17.77		22.14		
Oct.	43.21		53.93		29.04		23.65		20.97		18.38		22.47		
Nov.	42.98	126.91	54.27	159.45	29.65	87.08	23.64	69.57	20.99	62.28	18.84	55.34	22.49	66.58	
Dec.	40.72		51.25		28.39		22.28		20.32		18.12		21.62		
2023 Jan. 1	40.90		53.01		28.76		22.43		20.71		18.75		21.36		
Feb.	42.51	124.50	56.23	162.38	29.61	85.47	23.59	67.29	21.21	63.02	19.11	56.67	23.40	65.72	
Mar.	41.09		53.14		27.10		21.27		21.10		18.81		20.96		
Apr.	40.18		55.18		27.77		21.21		21.30		18.86		22.69		
May	40.37	121.07	56.04	167.01	27.19	82.64	20.11	62.56	21.24	63.52	19.11	57.14	23.01	68.92	
June	40.52		55.79		27.68		21.24		20.98		19.17		23.22		
July	39.47		54.74		28.08		21.42		20.64		18.99		22.59		
Aug.	39.94	118.78	55.17	163.59	27.35	82.21	20.89	63.22	20.71	61.95	18.38	56.28	22.70	67.06	
Sep.	39.37		53.68		26.78		20.91		20.60		18.91		21.77		
Oct.	38.90		53.52		27.58		21.18		19.97		18.01		22.52		
Nov.	40.66	...	53.94	...	29.02	...	22.16	...	20.45	...	18.74	...	23.25	...	

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 2023 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		of which:				Total		of which:							
			EU countries (27)		of which:				United States		Asia		OPEC countries			
	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly	monthly	quarterly
2018 July	64.58		50.84		35.85		13.74		30.55		5.50		19.64		1.01	
Aug.	62.52	190.62	49.75	150.84	34.67	105.31	12.77	39.78	28.87	88.33	5.29	16.53	19.09	58.01	1.07	2.95
Sep.	63.52		50.25		34.79		13.27		28.91		5.74		19.28		0.87	
Oct.	62.84		48.88		33.74		13.96		29.73		5.63		19.68		0.96	
Nov.	62.25	188.76	48.82	148.62	33.73	103.12	13.43	40.15	28.85	87.40	5.49	16.55	18.93	57.74	0.92	2.70
Dec.	63.67		50.92		35.65		12.76		28.82		5.43		19.13		0.82	
2019 Jan.	64.10		50.38		35.25		13.71		29.46		5.79		19.26		0.71	
Feb.	62.96	191.11	49.96	151.07	34.93	105.54	13.01	40.03	30.16	88.75	6.15	17.52	18.91	56.85	0.74	2.19
Mar.	64.05		50.73		35.36		13.31		29.13		5.58		18.68		0.74	
Apr.	62.37		49.93		34.75		12.43		29.78		5.59		19.06		0.92	
May	61.99	188.43	49.48	150.60	34.73	104.99	12.51	37.82	28.56	87.29	5.86	17.30	18.08	55.64	0.93	2.62
June	64.07		51.19		35.51		12.88		28.95		5.85		18.50		0.77	
July	61.40		48.67		33.79		12.73		30.81		5.92		19.29		1.14	
Aug.	61.25	185.16	48.56	147.24	33.47	101.53	12.69	37.92	29.45	90.11	5.85	17.98	19.02	57.70	0.86	2.86
Sep.	62.51		50.01		34.27		12.50		29.85		6.21		19.39		0.86	
Oct.	61.51		48.90		33.83		12.61		30.97		6.88		19.35		1.00	
Nov.	61.84	185.40	48.80	146.20	33.52	100.80	13.05	39.21	29.97	90.31	5.89	18.89	19.62	57.46	0.79	2.71
Dec.	62.05		48.50		33.45		13.55		29.37		6.12		18.49		0.92	
2020 Jan.	62.59		49.45		33.89		13.14		30.58		6.18		19.84		0.81	
Feb.	62.94	183.00	49.60	144.44	34.10	99.62	13.35	38.57	29.13	89.07	6.16	18.21	17.53	55.97	0.80	2.01
Mar.	57.47		45.39		31.63		12.08		29.36		5.87		18.60		0.40	
Apr.	44.88		34.80		24.56		10.07		27.36		5.86		17.90		0.34	
May	47.68	146.34	38.24	116.88	26.45	81.23	9.44	29.45	26.44	80.00	4.54	14.94	19.05	55.56	0.28	1.05
June	53.78		43.84		30.22		9.94		26.20		4.54		18.61		0.43	
July	54.04		43.66		29.16		10.37		27.93		5.10		18.63		0.36	
Aug.	57.75	170.93	47.30	138.57	32.17	93.50	10.45	32.35	28.30	84.60	5.87	17.13	18.68	55.89	0.50	1.19
Sep.	59.14		47.61		32.17		11.53		28.37		6.16		18.58		0.33	
Oct.	58.50		47.08		31.79		11.42		28.07		5.52		18.34		0.33	
Nov.	61.13	180.00	49.44	145.37	33.26	97.69	11.69	34.63	29.71	87.76	5.68	17.06	19.52	58.23	0.36	1.23
Dec.	60.37		48.85		32.64		11.52		29.98		5.86		20.37		0.54	
2021 Jan.	59.60		48.40		32.55		11.21		28.87		5.09		19.62		0.60	
Feb.	61.67	186.81	49.36	150.55	33.50	102.31	12.31	36.27	30.87	92.20	5.32	16.28	19.97	61.03	0.43	1.50
Mar.	65.54		52.79		36.26		12.75		32.46		5.87		21.44		0.47	
Apr.	63.83		50.39		34.51		13.44		32.75		5.94		21.62		0.50	
May	66.22	196.22	52.61	155.81	36.15	107.32	13.61	40.41	31.89	97.96	6.02	18.72	21.48	64.61	0.81	1.87
June	66.17		52.81		36.66		13.36		33.32		6.76		21.51		0.56	
July	66.05		52.91		36.53		13.15		32.34		5.51		21.40		0.70	
Aug.	65.36	197.30	51.30	156.56	35.73	108.33	14.06	40.75	33.52	99.40	6.39	18.17	22.23	66.46	0.73	2.25
Sep.	65.89		52.35		36.07		13.54		33.54		6.27		22.83		0.82	
Oct.	69.67		55.06		38.58		14.61		34.62		5.98		23.38		1.00	
Nov.	73.25	218.63	57.46	171.50	40.17	119.86	15.80	47.14	35.24	107.41	6.14	18.56	24.46	73.94	0.94	2.84
Dec.	75.71		58.98		41.11		16.73		37.55		6.44		26.10		0.90	
2022 Jan.	73.05		55.03		37.91		18.02		37.07		6.50		25.25		0.87	
Feb.	76.94	228.36	58.63	172.16	40.57	118.75	18.31	56.20	39.84	119.66	6.45	19.75	26.59	80.35	1.17	3.36
Mar.	78.37		58.50		40.27		19.87		42.75		6.80		28.51		1.32	
Apr.	81.45		60.37		41.90		21.09		44.40		6.81		30.36		1.39	
May	81.58	245.14	62.26	185.15	42.92	127.73	19.32	60.00	45.47	135.93	7.73	23.29	31.99	92.74	1.39	4.22
June	82.11		62.52		42.91		19.59		46.06		8.75		30.39		1.44	
July	83.77		62.13		42.41		21.64		44.84		8.23		29.11		1.15	
Aug.	88.89	258.28	64.52	191.84	44.27	132.17	24.37	66.44	46.01	137.02	8.27	24.72	30.59	91.39	1.12	3.71
Sep.	85.62		65.19		45.49		20.43		46.17		8.22		31.69		1.44	
Oct.	81.67		64.14		43.89		17.53		47.98		8.60		32.23		1.19	
Nov.	78.83	237.41	61.65	185.29	41.74	126.12	17.18	52.12	47.22	135.80	8.49	25.08	32.12	91.42	2.12	4.87
Dec.	76.91		59.50		40.49		17.41		40.60		7.99		27.07		1.56	
2023 Jan. ¹	75.08		59.38		40.16		15.71		41.67		8.34		26.82		1.83	
Feb.	76.54	225.09	62.15	181.22	41.33	121.49	14.39	43.89	44.45	126.82	7.82	23.92	28.29	80.98	1.95	5.74
Mar.	73.47		59.69		40.00		13.79		40.70		7.76		25.87		1.96	
Apr.	72.70		59.43		39.42		13.27		41.42		7.97		26.35		1.94	
May	75.94	221.76	61.59	180.78	41.12	120.07	14.35	40.97	39.81	121.37	7.59	23.09	26.55	79.68	1.93	5.39
June	73.12		59.76		39.53		13.35		40.14		7.53		26.78		1.52	
July	72.05		59.06		38.99		12.99		40.09		7.81		25.81		1.41	
Aug.	72.91	216.28	60.08	177.76	40.30	118.06	12.82	38.51	39.06	117.63	7.74	23.27	25.88	77.46	1.49	4.50
Sep.	71.32		58.62		38.77		12.70		38.48		7.72		25.77		1.60	
Oct.	70.18		57.29		38.29		12.88		38.42		7.82		24.63		1.46	
Nov.	72.04	...	58.62	...	39.15	...	13.41	...	38.25	...	8.05	...	24.66	...	1.09	...

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 2023 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 July	87.21		28.91		28.89		19.65		8.03		85.68		6.52	
Aug.	83.50		27.74		27.79		19.08		7.99		81.91		6.49	
Sep.	84.45	255.16	28.28	84.93	28.67	85.35	19.31	58.04	8.08	24.10	82.69	250.28	6.28	19.29
Oct.	83.89		28.26		28.57		19.44		8.78		81.83		6.43	
Nov.	82.84		28.30		28.08		19.16		8.35		81.14		6.63	
Dec.	84.38	251.11	28.62	85.18	29.45	86.10	18.85	57.45	8.22	25.35	83.15	246.12	7.10	20.16
2019 Jan.	85.60		28.82		30.07		19.15		8.02		84.55		7.05	
Feb.	84.76		28.16		28.69		18.61		8.43		83.74		7.35	
Mar.	85.10	255.46	26.82	83.80	30.51	89.27	19.53	57.29	8.14	24.59	84.08	252.37	7.15	21.55
Apr.	84.23		27.17		29.52		19.28		7.97		83.04		6.91	
May	82.59		26.24		29.03		18.90		8.03		81.55		6.95	
June	85.34	252.16	27.14	80.55	29.62	88.17	19.55	57.73	7.76	23.76	84.44	249.03	7.37	21.23
July	84.57		27.01		28.93		19.48		7.71		83.85		7.43	
Aug.	83.37		25.79		28.81		19.39		7.44		82.76		7.51	
Sep.	85.48	253.42	26.14	78.94	30.13	87.87	19.72	58.59	7.00	22.15	84.57	251.18	6.72	21.66
Oct.	85.28		27.30		29.94		19.54		7.31		84.50		6.99	
Nov.	84.21		26.39		28.96		20.09		7.72		83.35		7.04	
Dec.	83.64	253.13	25.88	79.57	29.50	88.40	20.62	60.25	7.88	22.91	82.74	250.59	7.07	21.10
2020 Jan.	85.49		27.10		30.19		20.66		7.75		84.73		7.31	
Feb.	84.99		26.31		29.19		20.31		7.14		84.43		7.52	
Mar.	80.48	250.96	26.43	79.84	26.25	85.63	20.09	61.06	6.40	21.29	80.36	249.52	9.58	24.41
Apr.	68.30		22.64		19.59		18.98		3.97		68.57		7.58	
May	70.27		21.80		20.77		20.79		3.90		71.08		6.83	
June	75.85	214.42	23.11	67.55	24.97	65.33	20.05	59.82	4.19	12.06	77.04	216.69	6.34	20.75
July	77.63		23.30		25.98		20.10		4.39		78.74		6.17	
Aug.	81.61		24.74		29.12		19.86		4.51		82.89		6.17	
Sep.	82.45	241.69	25.58	73.62	28.22	83.32	20.22	60.18	5.13	14.03	83.37	245.00	7.01	19.35
Oct.	81.43		25.99		27.43		20.40		5.21		82.18		6.86	
Nov.	85.69		27.03		29.89		20.55		5.24		86.36		6.62	
Dec.	84.97	252.09	28.11	81.13	30.16	87.48	20.30	61.25	5.45	15.90	85.46	254.00	6.43	19.91
2021 Jan.	82.61		27.74		27.91		19.77		5.91		81.92		6.42	
Feb.	86.72		28.19		28.15		20.08		5.89		85.25		5.90	
Mar.	91.08	260.41	30.35	86.28	29.52	85.58	21.92	61.77	6.96	18.76	88.35	255.52	6.65	18.97
Apr.	90.07		29.88		28.86		21.76		6.57		86.16		6.23	
May	90.97		31.55		27.48		22.65		7.20		85.86		6.32	
June	92.30	273.34	31.55	92.98	28.36	84.70	22.29	66.70	7.26	21.03	85.85	257.87	5.83	18.38
July	90.33		31.82		27.91		20.74		8.13		82.59		6.03	
Aug.	90.58		32.32		27.87		21.31		8.35		81.96		5.90	
Sep.	90.28	271.19	32.45	96.59	27.90	83.68	20.98	63.03	9.22	25.70	81.12	245.67	6.08	18.01
Oct.	92.89		32.49		28.12		23.47		11.48		81.80		6.28	
Nov.	95.84		33.74		29.26		23.82		12.74		82.87		6.20	
Dec.	99.04	287.77	35.60	101.83	31.20	88.58	24.50	71.79	14.30	38.52	85.72	250.39	7.18	19.66
2022 Jan.	96.81		34.87		28.91		25.19		13.36		80.74		5.94	
Feb.	104.86		37.35		29.74		26.16		11.98		85.77		5.23	
Mar.	106.08	307.75	40.84	113.06	28.08	86.73	26.72	78.07	15.11	40.45	83.90	250.41	5.54	16.71
Apr.	110.22		41.88		29.30		27.08		15.71		85.54		5.78	
May	112.32		44.05		30.22		26.40		14.82		86.00		5.34	
June	111.91	334.45	41.87	127.80	31.12	90.64	27.10	80.58	16.34	46.87	85.53	257.07	5.56	16.68
July	109.94		39.28		30.75		27.72		18.76		83.99		6.01	
Aug.	112.66		40.59		31.97		29.10		22.31		84.33		6.01	
Sep.	113.22	335.82	41.10	120.97	32.87	95.59	29.34	86.16	18.65	59.72	83.87	252.19	5.23	17.25
Oct.	115.28		40.65		33.14		30.75		14.48		84.47		4.29	
Nov.	112.12		39.58		33.23		29.08		14.03		85.35		4.95	
Dec.	103.20	330.60	37.40	117.63	30.85	97.22	27.54	87.37	14.40	42.91	80.20	250.02	5.39	14.63
2023 Jan. ²	103.23		36.72		31.72		26.98		13.58		80.69		5.58	
Feb.	111.02		38.37		33.63		26.68		10.05		86.94		4.78	
Mar.	103.87	318.12	35.65	110.74	33.00	98.35	25.34	79.00	10.39	34.02	82.38	250.01	5.24	15.60
Apr.	104.71		36.06		33.14		25.62		9.48		83.95		5.12	
May	106.67		36.44		33.81		26.49		9.18		86.36		5.29	
June	104.86	316.24	35.31	107.81	33.47	100.42	26.22	78.33	8.49	27.15	85.59	255.90	5.24	15.65
July	102.67		34.53		33.07		25.49		9.59		84.55		5.84	
Aug.	102.95		35.26		33.57		25.50		9.13		84.54		5.34	
Sep.	100.83	306.45	34.58	104.37	32.54	99.18	25.07	76.06	9.12	27.84	81.92	251.01	4.86	16.04
Oct.	98.86		33.56		31.50		26.09		9.91		80.32		5.19	
Nov.	100.98	...	34.13	...	31.68	...	27.00	...	9.48	...	81.94	...	4.90	...

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 2023 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		Basic metals and fabricated metal products		Computers, electronic and optical products and electrical equipment		Machinery and equipment		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 July	12.92		7.99		15.77		7.41		9.88	
Aug.	12.51	38.50	7.90	23.99	15.09	46.81	7.50	22.80	9.77	29.32
Sep.	13.07		8.10		15.95		7.89		9.67	
Oct.	12.06		7.97		15.99		7.57		10.10	
Nov.	12.40	37.48	7.88	23.59	15.45	47.06	7.53	22.74	10.06	30.75
Dec.	13.02		7.74		15.62		7.64		10.59	
2019 Jan.	12.46		7.64		15.79		7.64		10.96	
Feb.	12.56	36.74	7.50	22.67	15.43	46.93	7.48	22.83	10.38	32.07
Mar.	11.72		7.53		15.71		7.71		10.73	
Apr.	12.34		7.24		15.75		7.58		10.79	
May	12.17	37.16	7.09	21.55	15.09	46.00	7.24	22.26	10.67	32.94
June	12.65		7.22		15.16		7.44		11.48	
July	12.38		7.25		15.39		7.38		10.23	
Aug.	11.26	35.31	7.24	21.86	15.36	46.47	7.22	21.87	10.92	32.19
Sep.	11.67		7.37		15.72		7.27		11.04	
Oct.	12.41		7.49		15.48		7.32		10.72	
Nov.	12.34	36.92	7.12	22.00	15.54	46.67	7.22	21.47	10.46	31.99
Dec.	12.17		7.39		15.65		6.93		10.81	
2020 Jan.	12.35		7.61		15.76		7.48		10.99	
Feb.	12.44	37.66	7.42	22.49	15.13	45.70	7.41	21.38	10.64	30.10
Mar.	12.87		7.46		14.81		6.49		8.47	
Apr.	12.04		6.23		13.38		5.28		3.48	
May	11.88	36.18	5.62	17.70	13.93	42.13	5.61	17.16	5.47	17.72
June	12.26		5.85		14.82		6.27		8.77	
July	10.81		6.14		15.19		6.54		9.43	
Aug.	11.49	34.17	6.65	19.63	15.47	45.90	6.68	20.02	11.48	31.75
Sep.	11.87		6.84		15.24		6.80		10.84	
Oct.	11.96		7.10		15.48		6.74		10.66	
Nov.	11.94	36.52	7.42	22.17	16.60	49.13	7.20	21.29	11.51	32.92
Dec.	12.62		7.65		17.05		7.35		10.75	
2021 Jan.	11.38		8.03		16.89		7.10		9.80	
Feb.	12.03	37.10	8.29	24.87	16.84	51.39	7.28	22.08	9.72	30.04
Mar.	13.69		8.55		17.66		7.70		10.52	
Apr.	14.18		8.97		17.40		7.44		10.20	
May	15.32	44.36	9.38	27.68	17.50	52.25	7.58	22.72	9.09	28.50
June	14.86		9.33		17.35		7.70		9.21	
July	13.25		9.43		17.32		7.67		9.34	
Aug.	13.53	40.26	9.97	28.96	17.28	52.02	7.71	23.12	8.05	25.91
Sep.	13.48		9.56		17.42		7.74		8.52	
Oct.	14.77		9.77		17.44		7.77		8.94	
Nov.	15.33	45.56	9.79	30.25	18.44	55.70	7.95	23.89	9.99	29.38
Dec.	15.46		10.69		19.82		8.17		10.45	
2022 Jan.	15.43		10.84		18.86		8.17		9.98	
Feb.	18.46	51.78	11.35	34.86	19.62	58.30	8.23	24.57	10.71	30.11
Mar.	17.89		12.67		19.82		8.17		9.42	
Apr.	21.35		11.59		20.14		8.37		10.13	
May	22.29	63.10	11.87	35.22	20.17	61.96	8.73	25.76	10.76	31.81
June	19.46		11.76		21.65		8.66		10.92	
July	17.88		11.55		21.52		8.48		10.53	
Aug.	18.61	56.03	11.60	34.61	22.38	65.98	9.12	26.94	10.98	33.59
Sep.	19.54		11.46		22.08		9.34		12.08	
Oct.	17.71		11.56		23.47		9.45		11.91	
Nov.	16.42	50.45	11.10	32.82	22.70	67.35	9.72	27.88	12.24	35.94
Dec.	16.32		10.16		21.18		8.71		11.79	
2023 Jan. ¹	16.32		9.76		21.02		8.87		11.91	
Feb.	16.92	47.62	9.93	29.22	22.50	65.16	9.30	27.29	12.51	36.86
Mar.	14.38		9.53		21.64		9.12		12.44	
Apr.	15.22		9.65		22.35		9.14		12.31	
May	15.99	45.79	9.58	28.59	22.87	67.73	9.09	27.54	12.74	37.87
June	14.58		9.36		22.51		9.31		12.82	
July	13.90		9.17		21.91		9.08		13.45	
Aug.	15.36	44.00	9.19	27.60	21.19	64.32	8.86	26.86	13.75	39.55
Sep.	14.74		9.24		21.22		8.92		12.35	
Oct.	15.46		8.70		20.30		8.72		12.26	
Nov.	15.64	...	9.04	...	20.32	...	8.78	...	12.64	...

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 2023 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.