

# Germany

November 2022

## General Data

Area		357,580 sq km
Population		2022: 83.4*; 2027: 83.1*; 2032: 82.5
Population density		2022*: 239.2
Population growth rate		2022*: -0.1; 2027: -0.1*; 2032: -0.2* inhabitants per sq km
Fertility rate		2022: 1.5 children born per woman
Birth rate		2022: 9,1 births per 1,000 inhabitants*
		2022: 0-14 years: 14.0%; 15-24 years: 10.0%; 25-64 years: 53.7%; 65 or older: 22.4%*
Business languages		German, English
Natural resources	Plant based	All plants grown in temperate zones
	Mineral based	Coal, lignite, mineral salt, iron ore
Currency	Denomination	Euro; 1 Euro = 100 Cent
	ECB reference rate (September 2022)	1 Euro = 0,975 US\$
	Yearly average	2021: 1 Euro = 1.183 US\$
		2020: 1 Euro = 1.142 US\$
		2019: 1 Euro = 1.120 US\$

## Economy

GDP at current prices	
-(adjusted for pp; Bn Euro)	2021: 3,602; 2022: 3,814*; 2023: 4,020*
-Bn US\$	2021: 4,263 2022: 4,031*; 2023: 4,120*
GDP per capita (Euros)	2021: 43,292; 2022: 45,789*; 2023: 49,430*
GDP per capita (US\$)	2021: 51,238; 2022: 48,398*; 2023: 54,763*
GDP per capita PPP (Euros)	2019: 37,860 2020: 36,648 2021*: 38,564
GDP by sector of origin (as % of Gross Value Added)	2020: mining/industry 23.4; wholesale and retail trade/hotels/restaurants 11.4; transport/logistics/communication 9.3; construction 5.8; agriculture/forestry/fishing 0.8; other 49.2

\* estimate or forecast

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Final demand (as % of GDP)

2020: personal consumption expenditures 50.7; consumption expenditures by general government 22.4; gross domestic fixed investments 22.0; foreign contribution 5.7

GDP real growth rates

### Gross Domestic Product

Variation in %



Value added growth rates in inflation adjusted terms, by industry groups (%)

2020: agriculture/forestry/fishing 18.0; construction 0.5; transport/logistics/communication -3.5; wholesale and retail trade/hotels/restaurants -5.6; mining/industry -6.4;

Variation of consumer prices (%)

2021: 3.2; 2022: 8.8\*; 2023: 7.5\*

Unemployment rate (%; ILO)

2021: 3.6; 2022: 3.1\*; 2023: 3.5\*

Average gross monthly wages (in Euros)

2019: 3,994; 2020: 3,975; 2021: 4,100

Fiscal balance (general government; as % of GDP)

2021: -3.7; 2022: -2.3\*; 2023: -3.1\*

Current Account Balance (as % of GDP)

2021: 7.4; 2022: 3.7\*; 2023: 4.7\*

Gross Investment (public and private; as % of GDP)

2021: 23.3; 2022: 22.7\*; 2023: 21.3\*

R&D expenditures (as % of GDP)

2018: 3.1; 2019: 3.2; 2020: 3.1

Public gross debt (as % of GDP)

2021: 68.6; 2022: 67.4\*; 2023: 66.3\*

Foreign Direct Investments

- net inbound transfers (million US\$)

2019: 52,665; 2020: 64,589; 2021: 31,267

- Stock of inbound FDI (million US\$)

2019: 940,577; 2020: 934,742; 2021: 1,059,326

- Inbound stock by principle countries (as % of total stock)

2020: Netherlands 16.8; Luxemburg 19.8; USA 8.6; France 4.5; Switzerland 7.8; UK 6.3; Italy 4.9; Austria 5.5, Japan 4.6; Other 21.2

- Inbound stock by major industries (as % of total stock)

2020: financial services 34; manufacturing industries 24; information and telecommunications 10; real estate 6; energy 4; business services 3; Other 19

Foreign currency reserves

-(Bn US\$ at end of period)

2019: 36.0; 2020: 36.9; 2021: 37.0

\* Estimate or forecast

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## Foreign Trade

Merchandise trade (Bn US\$)\*

	2019	%	2020	%	2021	%
Import	1,239.9	-4.1	1,173.2	-5.4	1,422.8	21.3
Export	1,493.3	-4.4	1,385.9	-7.2	1,630.9	17.7
Balance	253.4		212.7		208.1	

\*For reasons of international comparability, the country's foreign trade is given in US\$.  
You will find foreign trade on a euro basis at [Eurostat](#).

Foreign trade-to-GDP ratio (ex- + imports/GDP, in %)

2019: 70.3; 2020: 66.6; 2021: 72.3

Export ratio (Exports/GDP, in %)

2019: 38.4; 2020: 36.1; 2021: 38.6

Imports by SITC groupings (as % of total imports)

2021: chemical products 14.6; motor vehicles and parts 9.0; machinery 8.9; electronic products 7.0; food products 6.1; raw materials 4.1; textiles and garments 4.4; natural gas 3.3; NF-metals 2.9 all other products 31.4

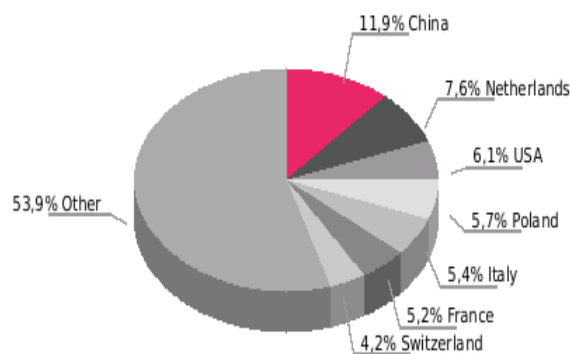
Exports by SITC groupings (as % of total exports)

2021: chemical products 17.7; machinery 15.4; motor vehicles and parts 14.5; electrical equipment 7.3; electronic products 5.1; food products 4.5; measurement and control technology 3.7; metal products 3.2; NF-metals 2.3; textiles and garments 2.6; all other products 23.7

Trading partners

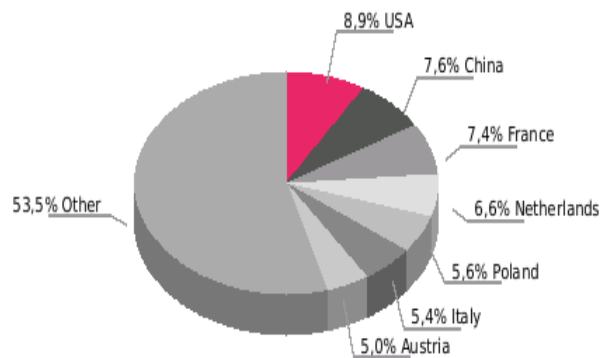
### Major supplier countries

2021; as % of total imports



## Principal export destinations

2021; as % of total exports



## Trade in Services (Bn. US\$)

	2019	%	2020	%	2021*	%
Expenses	375.5	0.1	311.1	-17.2	381.0	22.5
Revenues	352.4	-0.6	310.7	-11.8	377.2	21.4
Balance	-23.1		-0.4		-3.8	

## WTO-membership

since January 1st, 1995

## Free trade agreements

*Germany benefits from the EU's free trade agreements as part of its EU membership. There are currently agreements with 77 states; further free trade agreements are currently being negotiated; for bilateral agreements see [www.wto.org](http://www.wto.org) -> Trade Topics, Regional Trade Agreements, RTA Database, By Country/territory*

## Membership in Tariff Union

Since January 1st, 1958

\* Estimate or forecast

## German trade with other EU member countries

Merchandise Trade (EU-27, Bn Euros)	2019	%	2020	%	2021*	%
EU-imports	695.0	-0.1	639.9	-7.9	756.9	18.3
EU-exports	698.8	1.8	663.8	-5.0	784.8	18.2
Balance	3.8		24.0		27.9	

1st Half of the Year EU-27  
(Bn Euro)

Imports

H1/2022\*: 441,5 (+19%)

Exports

H1/2022\*: 478,3 (+25%)

\*forecasts

Trade in Services (EU-27, Bn Euros)	2018	%	2019	%	2020	%
Ausgaben der EU	157.6	8.2	168.4	6.8	153.3	-9.0
Einnahmen der EU	204.7	7.3	220.2	7.5	187.6	-14.8
Saldo	47.2		51.8		34.4	

## Infrastructure

Paved roadways	2017: 625,000 km*
railways (standard and narrow gauge)	2017: 33,590km
Mobile cellular telephones	2020: 1.283 per 1,000 inhabitants
Internet users	2020: 898 per 1,000 inhabitants
<i>Electric energy consumption per capita</i>	<i>2019: 6.606 kWh</i>

## Business environment indicators

Global Competitiveness Index 4.0 2019	7 out of 141 countries
Corruption Perception Index 2020	9 out of 180 countries

Sources: *Germany Trade & Invest* attempt to use a single source for each category listed in all of their fact sheets. The objective is to compile data sets that are comparable across a range of many differing countries. **Data presented in italics** are either selected from local sources or not available in the collection of standard sources. This should be kept in mind when comparing numbers published in the entire series of country data sheets. In case of interest we are happy to identify the source and to clarify the origin of any indicator.

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Your contact

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