

Germany

May 2024

General Data

Area		357.590
Population		2023: 84,4; 2028: 83,0*
Population density		2023: 1,3; 2028: -0,1*
Population growth rate		2023: 239,0
Fertility rate		2023: 1,5
Birth rate		2023: 9,1
		2020: 0-14 years: 14.0%; 15-24 years: 9.8%; 25-64 years: 53.5%; 65 years or older: 22.7%*
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 (March 2024)	
	Yearly average	1 Euro= 1081 US\$
		2023: 1 Euro= 1.081 US\$
		2022: 1 Euro= 1.053 US\$
		2021: 1 Euro= 1.183 US\$

Economy

GDP at current prices		
-(adjusted for pp; Bn Euro)		2023: 4,121; 2024: 4,257*; 2025: 4,446*
-Bn US\$		2023: 4,457; 2024: 4,591*; 2025: 4,772*
GDP per capita (Euros)		2023: 48,750; 2024: 50,345*; 2025: 52,576*
GDP per capita (US\$)		2023: 52,727; 2024: 54,291*; 2025: 56,439*
GDP per capita PPP (Euros)		2021: 39,100; 2022: 41,300; 2023: 43,300*
GDP by sector of origin (as % of Gross Value Added)		2022: mining/industry 24.0; wholesale and retail trade/hotels/restaurants 11.9; transport/logistics/communication 10.0; construction 5.7; agriculture/forestry/fishing 1.0; other 47.4

* estimate or forecast

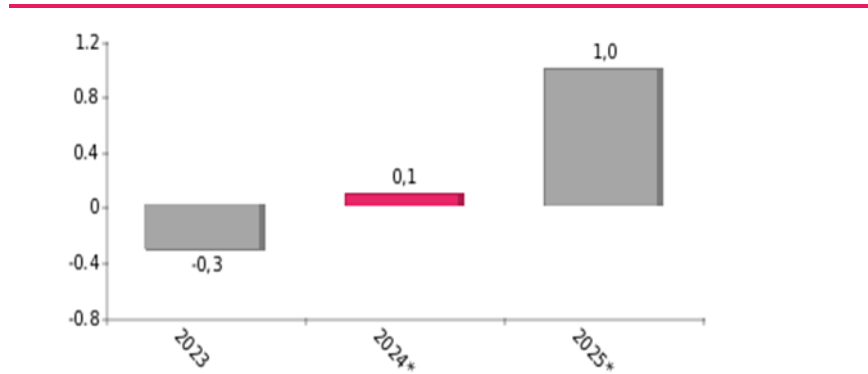
-1-

Final demand (as % of GDP) 2022: personal consumption expenditures 51.1; consumption expenditures by general government 21.9; gross domestic fixed investments 22.4; foreign contribution 2.0

GDP real growth rates

Gross Domestic Product

Variation in %



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

2022: agriculture/forestry/fishing -6.2; construction -3.3; transport/logistics/communication 5.4; wholesale and retail trade/hotels/restaurants 2.3; mining/industry -0.4;

Variation of consumer prices (%)

2023: 6.0; 2024: 2.4*; 2025: 2.0*

Unemployment rate (%; ILO)

2023: 5.9; 2024: 3.1*; 2025: 3.1*

Average gross monthly wages (in Euros)

2021: 3,201; 2022: 3,333; 2023: 3,538

Fiscal balance (general government; as % of GDP)

2023: -2.5; 2024: -1,6*; 2025: -1.2*

Current Account Balance (as % of GDP)

2023: 6.9; 2024: 7.0*; 2025: 7.0*

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

2023: 23.6; 2024: 22.6*; 2025: 22.7*

R&D expenditures (as % of GDP)

2019: 3,2; 2020: 3,1; 2021: 3,1

Public gross debt (as % of GDP)

2023: 63,6; 2024: 62,9*; 2025: 62,2*

Foreign Direct Investments

- net inbound transfers (million US\$)

2020: 56,204; 2021: 46,468; 2022: 11,053

- Stock of inbound FDI (million US\$)

2020: 1,153,099; 2021: 1,057,990; 2022: 1,007,533

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

2021: *Luxemburg 12.1; Netherlands 10.2; USA 6.3; Switzerland 4.5; UK 3.8; Austria 3.3, France 2.6; Italy 2.6; Japan 2.5; Other 52.1*

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

2021: *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)

2021: 36.98; 2022: 36.70; 2023: 36.88

* Estimate or forecast

Gross external debts (million Euros)

2020: 5.500; 2022: 6.068; 2023: 6.109

Foreign Trade

Merchandise trade (Bn US\$, changes compared to previous year in %)

	2021	%	2022	%	2023	%
Import	1.424,7	21,4	1.588,9	11,5	1.469,3	-7,5
Export	1.635,6	18,0	1.686,1	3,1	1.697,4	0,7
Balance	210,9		97,3		228,0	

*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 %)

2021: 71.5; 2022: 80.2; 2023: 71.0

Export ratio (Exports/GDP, in %)

2021: 38.2; 2022: 41.3; 2023: 38.1

Imports by SITC groupings (as % of total imports)

2023: chemical products 13.9; motor vehicles and parts 10.4; machinery 9.5; electronic products 8.1; food products 6.6; electrical equipment 7.0; raw materials 3.3; textiles and garments 3.8; metal products 2.6; crude oil 3.1; all other products 30.1

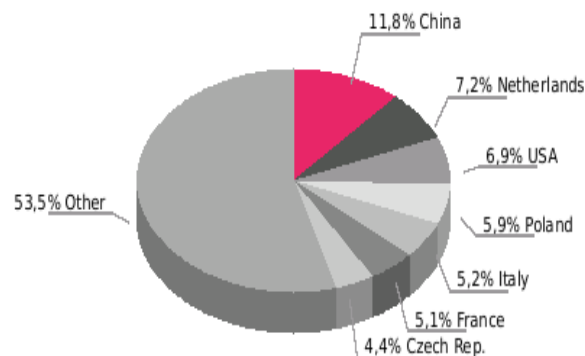
Exports by SITC groupings (as % of total exports)

2023: chemical products 16.7; motor vehicles and parts 16.7; machinery 15.6; electrical equipment 7.3; electronic products 5.1; food products 5.0; measurement and control technology 3.6; metal products 3.1; textiles and garments 2.5; other vehicles 2.5; all other products 22.1

Trading partners

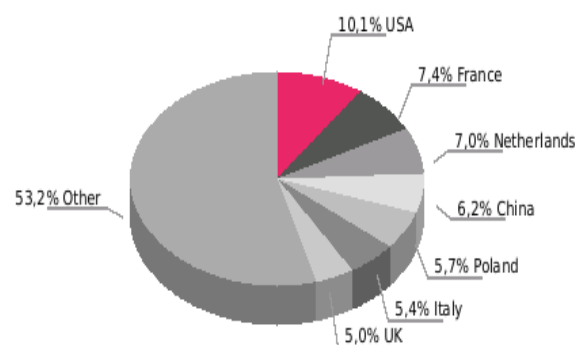
Major supplier countries

2023; as % of total imports



Principal export destinations

2023; as % of total exports



* Estimate or forecast

-3-

Trade in Services (Bn US\$, changes compared to previous year in %)

	2021	%	2022	%	2023*	%
Expenses	405,5	24,3	468,3	15,5	508,2	8,5
Revenues	407,7	22,1	430,5	5,6	440,1	2,2
Balance	2,2		-37,7		-68,1	

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 78 states; further free trade agreements are currently being negotiated; for bilateral agreements see www.wto.org -> Trade Topics, Regional Trade Agreements, RTA Database, By Country/territory

Membership in Tariff Union

Since January 1st, 1958

German trade with other EU member countries

Merchandise Trade (Bn Euros, changes compared to previous year in %)

	2021	%	2022	%	2023	%
EU-imports	764,3	19,4	880,2	15,2	858,5	18,1
EU-exports	790,3	19,0	986,0	24,8	925,2	18,3
Balance	26,0		105,7		66,6	

*Trade in Services (Bn Euros, changes compared to previous year in %)

	2020	%	2021	%	2022	%
EU-expenses	153,2	-9,3	169,1	10,4	202,6	19,8
EU-revenues	187,4	-14,9	221,8	18,3	285,0	28,5
Balance	34,3		52,7		82,4	

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
Electric energy consumption per capita	2019: 6.606 kWh

* Estimate or forecast

Climate indicators

Greenhouse gas emissions (tCO ₂ per capita)	2010: 10,8; 2020: 8,2
Greenhouse gas emissions (share worldwide in %)	2010: 2,0; 2020: 1,4
Emission intensity (tCO ₂ eq. per million US\$ GDP)	2010: 259,2; 2020: 177,1
Renewable energies (share of primary energy supply in %)	2010: 9,3; 2020: 16,4
Sectors with highest emissions (2020 only national)	Electricity,heating: 32.7; Transport: 21.1; Buildings: 18.4

Business environment indicators

Corruption Perceptions Index 2023	9 out of 180 countries
Sustainable Development Goals Index 2023	4 out of 193 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
at Germany Trade & Invest:
Karl-Heinz Dahm

T +49 (0)228 249 93-274
F +49 (0)228 249 93-77-0
Karl.dahm@gtai.de

**Germany Trade & Invest
Bonn office**
Villemombler Straße 76
53123 Bonn
Deutschland
T +49 (0)228 249 93-0
F +49 (0)228 249 93-212
trade@gtai.de
www.gtai.de

**Germany Trade & Invest
Headquarters**
Friedrichstraße 60
10117 Berlin
Deutschland
T +49 (0)30 200 099-0
F +49 (0)30 200 099-111
invest@gtai.com
www.gtai.com