

■ Explanatory notes and lists

■ Structure and content

The German balance of payments is a comprehensive systematic presentation of economic transactions between residents (natural and legal persons resident in Germany) and non-residents (natural and legal persons resident outside Germany) in a given reporting period (month, quarter, year). It is not a balance sheet in the sense of a point-in-time statement of assets and liabilities, but rather a flow account that also includes cross-border transactions, even if these do not lead to (direct) payment.

The balance of payments statistics provide important information on Germany's multi-faceted external trade links and are used by central banks, ministries, associations and enterprises, as well as by academics. The analyses derived from these form, amongst other things, an indispensable basis for decisions on monetary and economic policy. In addition, the German balance of payments constitutes an important part of the balances of payments of the euro area and the European Union.

The balance of payments is broken down into the following sub-accounts:

1. current account;
2. capital account;
3. financial account.

The current account records the purchases and sales of goods and services, together with primary and secondary income. The capital account comprises unrequited transfers which do not have any direct effect on income or expenditure (e.g. debt forgiveness). The financial account documents the financial transactions between residents and non-residents, and is broken down into direct investment, portfolio investment, financial derivatives and employee stock options, other investment, and reserve assets.

In accounting terms, the three aforementioned sub-accounts are interrelated. If the current account and capital account are taken together, a surplus is associated with an increase in external assets or decrease in external liabilities in the financial account. Conversely, a deficit in the current account and capital account is associated with a decrease in external assets or increase in external liabilities.

In practice, however, there is no such precise correlation due to the fact that, first, transactions cannot always be recorded on an accrual basis and, second, all of the sub-ac-

counts (other than the reserve assets and other assets and liabilities of the Bundesbank) have gaps in their statistical coverage. All discrepancies are reflected in the "Net errors and omissions" item.

■ Sources and legal bases

A modular system is used to collect the data required to compile the balance of payments. External sector reporting is the core component, which as a general rule requires resident banks, enterprises, households and public authorities participating in external transactions to report their transactions with non-residents to the Bundesbank. The legal basis is provided by Section 11(2) of the Foreign Trade and Payments Act (*Außenwirtschaftsgesetz*) together with Sections 67 et seq. of the Foreign Trade and Payments Regulation (*Außenwirtschaftsverordnung*).

Other data sources include:

- foreign trade statistics from the Federal Statistical Office;
- household survey on travel expenses abroad;
- external positions of banks, external positions of non-banks and stock surveys on direct investment;
- the Bundesbank's internal accounting;
- other national and international statistics for reconciliation and as a basis for estimates.

Since the publication of data for the reporting month of May 2014 in July 2014, the methodology and classifications used for the balance of payments have been in line with the revised standard of the International Monetary Fund (IMF): IMF (2009), Balance of Payments and International Investment Position Manual, Sixth Edition (BPM6). The reporting obligations of the Bundesbank are also laid down in Regulation (EC) No 184/2005 of 12 January 2005 and Guideline of the European Central Bank 2011/23 of 9 December 2011, as last amended.

■ Publication of results

Frequency

The German balance of payments is published monthly in the Bundesbank's press releases, its Monthly Reports, in this statistical series and in the Bundesbank's time series database. Further balance of payments statistics are avail-

able on the Bundesbank's website under Statistics/External sector/Balance of payments.

Revision policy

When publishing the provisional data for a given reporting month, the corresponding data for the previous month are generally revised (prior-month revision). These revisions contain new foreign trade data from the Federal Statistical Office, late and correction reports from reporting parties on external transactions, and other information subsequently made available. Overall, revisions are made to foreign trade data for each reporting month over a period of eight consecutive months. An additional annual revision takes place in November of the following year. These revised results are integrated into the balance of payments every time new balance of payments data are published.

Further revisions are carried out in connection with the regular revisions to the quarterly international investment position (i.i.p.). In the reporting months of January, April, July and October, results from the reconciliation of mirror statistics and on euro banknote issuance for the months in the preceding quarter are also incorporated. In September, currency in circulation for the months in the preceding quarter is also revised.

Annual revisions for the previous reporting year and the three preceding years are made in the March Monthly Report. These annual revisions generally incorporate new information stemming from secondary sources and late reports, and provisional estimates are revised or replaced. Methodological changes, including those for earlier periods, also tend to be implemented at this point.

Regional shifts in balance of payments data can arise in July's publication. In addition, new data from secondary sources may be included (these are generally data on travel expenditure from the previous year).

In addition to the specified revision dates, unscheduled revisions can also occur. In the event of extensive revisions or the discovery of serious errors, an assessment is made on a case-by-case basis as to whether the analysis of the balance of payments is impaired as a result of the errors and, therefore, whether a correction should be made in the next publication or whether a correction at the next regular revision date will suffice.

■ Methodological notes

Territory

The domestic market comprises the economic territory of the Federal Republic of Germany. All other countries, including those participating in the euro area, are foreign markets.

Transition from foreign trade to goods trade

Conceptual differences between foreign trade in accordance with the official foreign trade statistics and trade in goods pursuant to the balance of payments statistics exist, in the first instance, with respect to the recording approach adopted. While foreign trade statistics record goods physically crossing a national border, the change-of-ownership principle is applied in the balance of payments. This means that, for example, the purchase of goods outside Germany by German traders and their resale to non-residents must be included as an addition to foreign trade, provided the transfer of ownership between the German trader and the non-resident did not result in any national borders being crossed. Deductions must correspondingly be made from foreign trade when goods cross the German border without there being a change of ownership. This includes goods movements in connection with cross-border processing services. Second, in the foreign trade statistics, the goods value recorded is the value at the German border (import c.i.f., export f.o.b.),¹ whereas, in the balance of payments, the value recorded is the value at the border of the exporting country (import f.o.b., export f.o.b.). The transport and insurance costs (c.i.f. costs of imports) included in the import value in the foreign trade statistics must therefore be deducted and, for non-German transporters, assigned to the corresponding services items.

Travel

Estimates of receipts are based on reports for foreign travel payments, the main sources of which are credit institutions and travel companies, which handle a large proportion of travel-related transactions through buying and selling foreign currency as well as via credit and debit card payments. Together with evaluations of potential changes in payment behaviour, these data are used to determine travel receipts. The value determined is also checked against the figures from the Federal Statistical Office's accommodation statistics and corresponding data from major part-

¹ c.i.f.: cost, insurance, freight (a freight clause that includes transport and insurance costs). f.o.b.: free on board, i.e. no transport or insurance costs.

ner countries. Since 2001, the expenditure figures have been calculated on the basis of a direct household survey of persons travelling abroad. However, owing to the sampling error, the availability of results for individual countries is limited.

Financial intermediation services indirectly measured (FISIM)

Financial intermediaries frequently choose to be remunerated for a service indirectly through the associated interest margin. These indirectly rendered services are now recorded under financial services. As a result, financial intermediation services indirectly measured (FISIM) are no longer included under interest income. Under primary income, non-banks' interest income on deposits held abroad has been expanded to include FISIM, whilst interest expenditure on external loans has been reduced to disregard such services. Conversely, there has been a decrease in domestic banks' interest income and an increase in their interest expenditure. The data on FISIM are calculated by the Federal Statistical Office within the framework of the national accounts using a designated model.

The distinction between loans and currency and deposits

Transactions are assigned to loans or currency and deposits broadly on the basis of the sector of the domestic or foreign debtor: if the debtor belongs to the MFI sector (including monetary authorities), the transactions are assigned to the "Currency and deposits" item; if the debtor belongs to another sector (general government, enterprises and households), the relevant transactions are assigned to the "Loans" item.

Sectoral classification

The revised Balance of Payments Manual (BPM6) has brought sectoral classification into line with that of the System of National Accounts.² However, in order to ensure that balance of payments data would be consistent with the fifth edition of the Balance of Payments Manual (BPM5), the sectoral classification model was adopted in principle while nevertheless consolidating several heavily subdivided sectors. The division of economic agents into institutional sectors, which has been adopted in this statistical series, is very closely based on this manner of classification. Designations were largely retained in order to maintain consistency with previous sector designations. The sectoral classification is generally that of the domestic sector of the creditor or the debtor.

By contrast, the reporting requirements at European level³ subdivide the sectors to a greater extent than in this statistical series, although, when compared with the national accounts, some of the sectors here are also aggregated into groups.

² 2008 SNA.

³ See Commission Regulation (EU) No 555/12 of 22 June 2012 and Guideline of the European Central Bank 2011/23 of 9 December 2011.

■ List of countries ⁴

I. Europe

1. EU member states (27)

1.1 Euro area (19)

Austria
Belgium
Cyprus
Estonia
Finland
France
Greece
Ireland
Italy
Latvia
Lithuania
Luxembourg
Malta
Netherlands
Portugal
Slovakia
Slovenia
Spain

European Central Bank (ECB)
European Financial Stability Facility (EFSF)
European Stability Mechanism (ESM)

1.2 Other EU member states

Bulgaria
Croatia
Czechia
Denmark
Hungary
Poland
Romania
Sweden
European institutions (excl. ECB, ESM and EFSF)

2. Other european countries

2.1 European Free Trade Association (EFTA)

Iceland
Liechtenstein
Norway
Switzerland

2.2. Other European countries (excl. EFTA)

Albania
Andorra

Belarus
Bosnia and Herzegovina
Faroe Islands
Gibraltar
Guernsey
Holy See (Vatikan)
Isle of Man
Jersey
Kosovo
Moldova
Montenegro
North Macedonia
Russian Federation
San Marino
Serbia (incl. Kosovo)
Turkey
Ukraine
United Kingdom

II. Africa

1. North Africa

Algeria
Egypt
Libya
Morocco
Tunisia

2. Other African countries

Angola
Benin
Botswana
British Indian Ocean Territory
Burkina Faso
Burundi
Cabo Verde
Cameroon
Central African Republic
Chad
Comoros
Congo (Democratic Republic of)
Congo (Republic of)

⁴ In general, the group of countries specified in the table are based on the addition of individual listed countries. However, the balance of payments include also transactions whose assignment to an individual country is not possible. In this case, we use the category "not allocated countries" according to the nearest group possible of such a country. Because of the combination of both geographical and economic features, the "not allocated countries" are not listed here.

Côte d'Ivoire
Djibouti
Equatorial Guinea
Eritrea
Eswatini
Ethiopia
Gabon
Gambia
Ghana
Guinea
Guinea-Bissau
Kenya
Lesotho
Liberia
Madagascar
Malawi
Mali
Mauretania
Mauritius
Mozambique
Namibia
Niger
Nigeria
Rwanda
Saint Helena, Ascension and Tristan da Cunha
Sao Tome and Principe
Senegal
Seychelles
Sierra Leone
Somalia
South Africa
South Sudan
Sudan
Tanzania
Togo
Uganda
Zambia
Zimbabwe

III. America

1. North America

Canada
Greenland
United States

2. Central America

Anguilla
Antigua and Barbuda
Aruba
Bahamas
Barbados
Belize

Bermuda
Bonaire, Saba and Saint Eustatius
British Virgin Islands
Cayman Islands
Costa Rica
Cuba
Curaçao
Dominica
Dominican Republic
El Salvador
Grenada
Guatemala
Haiti
Honduras
Jamaica
Mexico
Montserrat
Nicaragua
Panama
Saint Kitts and Nevis
Saint Lucia
Saint Vincent and the Grenadines
Sint Maarten (Dutch part)
Trinidad and Tobago
Turks and Caicos Islands
Virgin Islands of the United States

3. South America

Argentina
Bolivia
Brazil
Chile
Colombia
Ecuador
Falkland Islands (Islas Malvinas)
Guyana
Paraguay
Peru
Suriname
Uruguay
Venezuela

IV. Asia

1. Near and Middle East countries

1.1 Gulf Arabian countries

Bahrain
Iraq
Kuwait
Oman
Qatar
Saudi Arabia

United Arab Emirates
Yemen

1.2 Other Near and Middle East countries

Armenia
Azerbaijan
Georgia
Israel
Jordan
Lebanon
Palestinian territories
Syrian

2. Other Asian countries

Afghanistan
Bangladesh
Bhutan
Brunei Darussalam
Cambodia
China
Hong Kong
India
Indonesia
Iran
Japan
Kazakhstan
Korea (Democratic People's Republic of)
Korea (Republic of)
Kyrgyzstan
Lao
Macao
Malaysia
Maldives
Mongolia
Myanmar
Nepal
Pakistan
Philippines
Singapore
Sri Lanka
Taiwan
Tajikistan
Thailand
Timor-Leste
Turkmenistan
Uzbekistan
Viet Nam

V. Australia, Oceania and Polar Regions

American Samoa
Antarctica
Australia
Bouvet Island

Christmas Island
Cocos Islands
Cook Islands
Fiji
French Polynesia
French Southern and Antarctic Territories
Guam
Heard and the McDonald Islands
Kiribati
Marshall Islands
Micronesia
Nauru
New Caledonia
New Zealand
Niue
Norfolk Island
Northern Mariana Islands
Palau
Papua New Guinea
Pitcairn Islands Group
Solomon Islands
Samoa
South Georgia and the South Sandwich Islands
Tokelau
Tonga
Tuvalu
United States Minor Outlying Islands
Vanuatu
Wallis and Futuna (Islands)

VI. International Organisations

(excl. EU Organisations)

Supplementary data

OECD countries

Australia
Austria
Belgium
Canada
Chile
Colombia
Costa Rica
Czechia
Denmark
Estonia
Finland
France
Greece
Hungary
Iceland
Ireland
Israel

Italy
Japan
Korea (Republic of)
Latvia
Lithuania
Luxembourg
Mexico
Netherlands
New Zealand
Norway
Poland
Portugal
Slovakia
Slovenia
Spain
Sweden
Switzerland
Turkey
United Kingdom
United States

Offshore financial centers

Andorra
Anguilla
Antigua and Barbuda
Aruba
Bahamas
Bahrain
Barbados
Belize
Bermuda
British Virgin Islands
Cayman Islands
Cook Islands
Curaçao
Dominica
Gibraltar
Grenada
Guernsey

Hong Kong
Isle of Man
Jersey
Lebanon
Liberia
Liechtenstein
Marshall Islands
Mauritius
Montserrat
Nauru
Niue
Panama
Philippines
Saint Kitts and Nevis
Saint Lucia
Saint Vincent and the Grenadines
Samoa
Seychelles
Singapore
Sint Maarten
Turks and Caicos Islands
Vanuatu
Virgin Islands of the United States

OPEC countries

Algeria
Angola
Congo (Republic of)
Equatorial Guinea
Gabon
Iran
Iraq
Kuwait
Libya
Nigeria
Saudi Arabia
United Arab Emirates
Venezuela

■ List of sectors⁵

All sectors

Monetary financial institutions (MFIs)

Bundesbank (S.121)

MFIs (excluding central bank)

Deposit-taking corporations (S.122)

Money market funds (MMFs) (S.123)

Non-MFIs (all sectors excluding MFIs)

General government (S.13)⁶

Enterprises and households

Financial corporations excluding MFIs

Non-MMF investment funds (S.124)

Other financial intermediaries, except insurance corporations and pension funds (S.125)

Financial auxiliaries (S.126)

Captive financial institutions and money lenders (S.127)

Insurance corporations (S.128)

Pension funds (S.129)

Non-financial corporations, households, and non-profit institutions serving households

Non-financial corporations (S.11)

Households (S.14)

Non-profit institutions serving households (S.15)

⁵ The breakdown of the institutional sectors used in the German balance of payments, together with reference to the internationally applicable classification of sectors pursuant to 2008 SNA (in brackets, if available), is shown in the following overview.

⁶ This also includes public bonds, i.e. bonds that are issued by central government, special central government funds, state government or local government.