

Statistics on international trade in services

Data Report 2017-07

Deutsche Bundesbank, Research Data and Service Centre (RDSC)

SITS 01/2001 – 12/2015

Data ID (DOI): 10.12757/Bbk.SITS.0116.01.01

Deutsche Bundesbank, Research Data and Service Centre (RDSC)

Statistics on international trade in services

Data Report 2017-07

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Contents

1 Dataset description	2
1.1 Overview and identification	2
1.2 Dataset scope and coverage	3
1.3 Data collection	7
1.4 Data appraisal	8
1.5 Data accessibility	9
2 Description of variables	10
2.1 Overview of variables	10
2.2 Details of variables	11
3 Value code lists	13
3.1 BPM5 code for services and unrequited transfers	13
3.2 BPM6 code for services and transfers	20
3.3 Conversion table of the new BPM6 codes into the old BPM5 codes	27
3.4 Countries	29
3.5 Economic sectors – NACE Rev. 1	36
3.6 Economic sectors – NACE Rev. 2	39
4 Bibliography	43

Abstract

We describe the research dataset "Statistics on international trade in services (SITS)" using a structured metadata scheme.¹ This document consists of three sections. In the first section, we describe the general properties of the dataset as a whole, such as its scope and coverage and the methods of data collection and data appraisal. The second section looks at the variable level, providing an overview of the variables and tables with details on each variable. The third section looks at the value level and provides code lists, ie information on the meaning of values for categorical variables.

Keywords: Cross-border trade in services, service exports, service imports

Metadata ID / Version: SITS Version 1

Copyright: Deutsche Bundesbank

¹The metadata model used is derived from the Data Documentation Initiative (DDI, <http://www.ddialliance.org>).

1 Dataset description

1.1 Overview and identification

Title of dataset:

Statistics on international trade in services

German title:

Statistik zum internationalen Dienstleistungshandel

Abbreviation:

SITS

Dataset abstract:

Germany's statistics on international trade in services are collected by the Deutsche Bundesbank in order to compile Germany's balance of payments statistics and serve as the basis for the research dataset SITS. Service transactions between German residents and non-residents that exceed €12,500 or its equivalent in another currency must be reported to the Deutsche Bundesbank. The reporting requirement applies to German firms including banks, as well as to individuals and public authorities. The research dataset provides detailed information for service transactions of firms engaged in cross-border service trade, such as the transaction value for services exports and imports, the type of exported and imported services (eg transport, R&D etc), partner country and sector classification of the resident firm. The research data are available from 2001 as a panel dataset with a monthly frequency.

Data ID (DOI):

10.12757/Bbk.SITS.0116.01.01

1.2 Dataset scope and coverage

Legal basis:

- Section 11(2) of the Foreign Trade and Payments Act (*Außenwirtschaftsgesetz/AWG*)
 - Section 67 et seq of the Foreign Trade and Payments Regulation (*Außenwirtschaftsverordnung/AWV*)
-

Unit of analysis:

Each line in the dataset corresponds to a reported service transaction.

Time periods:

01/2001 until 12/2015

Geographic coverage:

['Germany', 'World (Countries)']

Universe:

Germany's statistics on international trade in services record cross-border service transactions between German residents and non-residents in a given reporting period and are collected in order to compile Germany's balance of payments. Resident enterprises, banks, individuals and public authorities are required to report a service transaction with non-residents to the Deutsche Bundesbank if it exceeds €12,500 or its equivalent in another currency. Furthermore, the Deutsche Bundesbank supplements the data with estimates for transactions that are below the reporting threshold and for some categories for which the required methodology cannot be reported (eg estimation of travel services).

Research dataset:

The research dataset SITS is based on Germany's statistics on international trade in services, but some changes have been made. Any observations that are not required for research purposes or cannot be allocated to a single unit are removed from the data. These are:

- Observations with an entry of zero for both incoming (receipts) and outgoing (expenditures) payments. This may occur if a cancellation of the same transaction has taken place.
 - Transactions of individuals which are combined in a collective report in the raw data.
 - Collective reports for firms where several small reports are combined, so that it is not possible to distinguish between units.
 - Estimated reports.
-

Methodological notes:

General remarks

The definition of service transactions is based on the residence principle, ie these are payments between residents and non-residents. A unit is deemed to be a resident unit of a country when it has a centre of economic interest in the economic territory of that country, irrespective of its nationality.

German residents must report payments above €12,500 that they receive from non-residents (receipts) or make to non-residents (expenditures) to the Deutsche Bundesbank. The amount of €12,500 is not applied to a single service transaction but to a total amount per month, country and (service) code. Cross-border payments in conjunction with German imports and exports of goods are exempt from reporting requirements.²

If a non-resident firm provides services to another non-resident firm, these transactions are not recorded because this is not a resident/non-resident transaction. Therefore, mode 3 of the General Agreement on Trade in Services (GATS) – *commercial presence abroad* – is not included, eg in the case of sales of services rendered by German-based firms through their affiliates abroad.

Service transactions are reported according to the gross coverage principle, ie they should not be offset. If firms undertake mutual transactions and then offset payments, they have to report the values of individual transactions rather than netted values payable to the trading partner. Taxes are also included in the reported transaction values.

Transactions are to be reported when they occur, rather than when payments are made (accrual accounting).

Changes in the methodology and classifications

A new coding list of the Deutsche Bundesbank for balance of payments (Annex LV to the Foreign Trade and Payments Regulation, AWV) has been in force since 1 September 2013. These codes are based on the recommendations of the new sixth version of the IMF's Balance of Payments and the International Investment Position Manual (BPM6). The reporting agents have been able to use the new classification of service transactions since July 2013. Since September 2013, its usage has been mandatory. However, there was a transition period up to mid-2013 (in some cases until the end of 2013) in which some firms used the old and other firms the new classification for similar services. Since 2014, only the new codes may be used.

Compared to the previous 5th edition of the Balance of Payments Manual (BPM5), BPM6 contains manifold amendments in the methodology and classification of the balance of payments (including the classification of service codes – variable *kza* in the SITS) in order to take into account the new developments made worldwide due to globalisation and technological changes. Some transactions have moved to another type of account, eg from the goods to the services account and vice versa. Merchanting has been reclassified from services to goods. Goods for processing without change of ownership and repairs on goods are now included among services instead of goods. Emission rights have been moved from services transactions to the capital account.

Furthermore, new services have been introduced and some existing services have been broken down in more detail. However, some codes have lost their validity or have been grouped together.

²Cross-border trade in goods is covered by the foreign trade statistics compiled by the Federal Statistical Office.

For example, the code for communication services no longer exists as a separate item and has been split into different services. Postal and courier services are now part of transport services. Transactions related to intellectual property are broken down into charges for use/licences, distribution and reproduction rights, and acquisition of intellectual properties.

The impact of the changes on the major aggregates is expected to be rather small. However, within the individual accounts the methodological changes in the balance of payments are likely to have a greater impact.

The conversion table showing newly introduced codes and corresponding old codes included in the SITS is provided in Table 3.3 and can also be found in the Bundesbank's Special Statistical Publication 7 (2013). Changes due to conversion from BPM5 to BPM6 are described in more detail in an article in the Bundesbank's June 2014 Monthly Report entitled "Changes in the methodology and classifications of the balance of payments and the internal investment position".

Special features of the research dataset:

Transactions of banks

Due to confidentiality reasons, some banks had to be excluded from the research dataset. The following table shows the number of banks deleted from the dataset:

Year	Deleted banks
2001	171
2002	166
2003	123
2004	80
2005	43
2006	25
2007	13
2008	15
2009	10
2010	11
2011	6
2012	4

From 2013, all banks that are present in the raw data are included in the research dataset.

Cancellations and corrections

In the case of cancellations, the reporting agents have to report the total sum of the initial payment with a minus sign on the same payment side (expenditures or receipts) and for the same month, country and service code. In the case of corrections, the transaction must be cancelled and the new correct amount has to be reported as a new observation. Therefore, some values of receipts and expenditures may be negative in the dataset. In order to take into account cancellations and adjustment payments, it is recommended to aggregate exports and imports of services to the firm-year-month-country-service code level.

Values below the reporting threshold

The dataset also includes transactions below the legal reporting threshold of €12,500 which are reported on a voluntary basis. After a sharp improvement of electronic report submissions in recent years, their number has increased.

Calculation of aggregates

The Deutsche Bundesbank supplements the collected data with estimates. This particularly applies to transactions below the reporting threshold, transactions undertaken by individuals and for some categories for which the required methodology cannot be reported (eg transport, estimation of travel services). Furthermore, some adjustments are made in calculating the aggregate figures for cross-border trade in services that are then officially published by the Deutsche Bundesbank within the framework of Germany's balance of payments. In some cases, the entire amount of a transaction is not counted as a pure service transaction, with the non-service part of it being excluded. This is especially the case with insurance services and financial intermediation.

As the research micro dataset SITS does not include estimates and collective reports, and as some adjustments are made in calculating published figures, it is not possible to replicate these aggregates through the mere addition of service transactions values in the SITS.

Update and revisions of the dataset:

The research dataset is annually updated. The update includes the data for the following year and revisions for the four preceding years, which contain corrected reports.

1.3 Data collection

Data collection mode:

Electronic submission

Data collectors:

Deutsche Bundesbank, Statistics Department

Collection frequency:

Monthly

Sampling:

Complete inventory above the reporting limit: service transactions between German residents and non-residents that exceed €12,500.

Response rate:

Almost 100%

Supervision:

Pursuant to section 23 of the Foreign Trade and Payments Act (*Außenwirtschaftsgesetz/AWG*), the Bundesbank may request information for the purpose of monitoring compliance with this Act and with the regulations and orders issued in connection with this Act, as well as with legislation introduced by the Council or the Commission of the European Communities under foreign trade and payments law. To this end, it may also perform audits on parties required to report. Within the framework of their audits, the four Service Centres for External Sector Audits and Reporting Queries monitor compliance with the relevant external reporting regulations. Parties who fail to report are subject to penalty payments.

1.4 Data appraisal

Quality checks:

All reports above the threshold are checked for correctness by the Deutsche Bundesbank. Correctness is assessed by various plausibility checks. If the correctness is in question, the reporter is contacted and asked for more information. If the reported data are incorrect, the reporter has to send a corrected version of the data.

Data editing:

Data are not edited. Incorrect data are cancelled with a negative value.

1.5 Data accessibility

Research proposal conditions:

A research proposal is checked for feasibility of the research project in light of the research data, ie the suitability of the data to answer the research questions raised by the proposal. The research project must be in the public interest, ie without commercial goals.

Institutional access conditions:

The researcher must be affiliated with a research institution that clearly has a scientific, non-commercial agenda.

Contact:

Deutsche Bundesbank

E-mail: fdsz-data@bundesbank.de

Homepage: <http://www.bundesbank.de/Navigation/EN/Bundesbank/Research/RDSC/rdsc.html>

Deposit requirements:

The researcher must sign a confidentiality agreement. The data provider must be informed about any documents that are made available to the public that contain information derived from the provided data. The researcher is obliged to provide proof of proper data source citation by providing copies of the manuscripts and/or publications.

Citation requirements:

For any study and any other document that is made available to the public which contains information derived from the provided data, the researcher is obliged to properly cite the data source as follows:

Biewen, Elena and Simon Lohner (2017), Statistics on international trade in services, Data Report 2017-07 – Metadata Version 1, Deutsche Bundesbank Research Data and Service Centre.

2 Description of variables

2.1 Overview of variables

Name	Label
nummer :	ID of the reporting party
jahr :	Year
mnt :	Month
einnahmen :	Receipts (service exports)
ausgaben :	Expenditures (service imports)
kza :	Service type
lan :	Country of destination/origin
bra :	Economic sector – NACE Rev. 1
bra2 :	Economic sector – NACE Rev. 2

2.2 Details of variables

nummer : ID of the reporting party	
Detailed description and notes:	Numeric identifier of the German reporting party (non-financial enterprises, banks, public authorities). Note that due to confidentiality reasons, not all banks could be included in the research dataset. For more information, see Section 1.2 (<i>Special features of the research dataset</i>).
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric
jahr : Year	
Detailed description and notes:	Year in which the transaction occurred, in the following format: YYYY
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric
mnt : Month	
Detailed description and notes:	Month in which the transaction occurred, in the following format: MM
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric
einnahmen : Receipts	
Detailed description and notes:	Value of the exported service transaction
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric
Dimension:	in € thousands
ausgaben : Expenditures	
Detailed description and notes:	Value of the imported service transaction
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric
Dimension:	in € thousands

kza : Service type

Detailed description and notes:	Type of the service transaction according to the coding list of the Deutsche Bundesbank for the balance of payments. As of July 2013, changes have been made in the classification of service types due to the switchover from BPM5 to BPM6. For more information, see Section 1.2 (<i>Changes in the methodology and classifications</i>). Code lists are provided in Sections 3.1, 3.2 and 3.3.
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric

lan : Country of destination/origin

Detailed description and notes:	Country of destination (in case of exports) or origin (in case of imports) of the service transaction. A code list is provided in Section 3.4. Due to confidentiality reasons, all international organisations receive the same code: 900.
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric

bra : Economic sector – NACE Rev. 1

Detailed description and notes:	Economic sector of the reporting party – NACE Rev. 1. A code list is provided in Section 3.5. The value zero indicates that no information about the branch has been submitted or it has been cancelled.
Period of availability:	01/2001-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric

bra2 : Economic sector – NACE Rev. 2

Detailed description and notes:	Economic sector of the reporting party – NACE Rev. 2. A code list is provided in Section 3.6. The value zero indicates that no information about the branch has been submitted or it has been cancelled.
Period of availability:	01/2008-12/2015
Source:	Statistics on international trade in services
Variable type:	numeric

3 Value code lists

3.1 BPM5 code for services and unrequited transfers

Code list for "kza"

Description of the code	Code (kza)
Travel	17
Passenger transport and transport of goods	
See transport	
Expenditure on cross-border passenger transport and on sea transport between third-party countries	16
Expenditure on sea freight in connection with German imports	210
Expenditure on sea freight in connection with German exports	220
Expenditure on sea freight between third countries	260
Receipts from sea freight between third countries	81
Expenditure on ancillary transport services in shipping	310
Receipts from seaports and firms operating there	300
Inland waterway transport	
Receipts from cross-border passenger transportation and from inland waterway transport between third countries	15
Expenditure on cross-border passenger transportation and on inland waterway transport between third countries	16
Receipts from and expenditure on inland freight water transport including towage charges and the cost of pushing barges in connection with Germany's external trade	216
Expenditure on inland waterway transport between third countries	260
Receipts from inland waterway transport between third countries	80
Receipts from and expenditure on inland waterway transport within the economic territory	271
Payments by inland waterway enterprises for ancillary transport services (except for fuel and other ship supplies)	320
Payments by inland waterway enterprises for fuel and other ship supplies	362
Receipts from supplying goods to meet the need of foreign inland waterway ships (eg fuel)	362
Air transport	
Receipts from and expenditure of resident airlines for the cross-border transport of passengers and for carrying passengers between third countries	14
Payments to non-resident airlines for the cross-border transport of passengers and for carrying passengers between third countries	15
Expenditure on the transport of passengers by non-resident airlines within the economic territory	20

BPM5 code continued on next page

BPM5 code (continued from previous page)

Description of the code	Code (kza)
Receipts and expenditure of resident airlines for air freight services in connection with Germany's external trade	225
Payments to non-resident transport enterprises for air freight in connection with Germany's external trade	244
Expenditure on air freight between third countries	260
Receipts from air freight between third countries	82
Receipts from and expenditure on air freight within Germany	270
Receipts from ancillary transport services in air transport	360
Expenditure of resident airlines eg for take-off, landing and overflying charges as well as air traffic control	360
Expenditure of resident airlines on the purchase of goods such as fuels, on-board catering and on-board sales	361
Transport by pipeline and electricity transmission	
Receipts and expenditure on transport by pipeline in connection with Germany's external trade	226
Receipts for providing pipelines/transmission through pipelines for transport through Germany (without withdrawals)	215
Receipts from and expenditure on the transmission of electricity	217
Rail transport	
Receipts from and payments by resident rail companies for the cross-border transport of passengers and for carrying passengers between third countries	13
Payments to non-resident rail companies for the cross-border transport of persons and for carrying passengers between third countries	16
Receipts from and expenditure on the bilateral movement of rail freight	233
Expenditure on rail freight between third countries	260
Receipts from rail freight between third countries	80
Receipts of resident rail companies from transit	234
Receipts from and expenditure on rail freight within Germany	271
Receipts from ancillary transport services provided within Germany for non-resident rail operators	340
Payments by resident rail companies for ancillary transport services provided by non-residents abroad	340
Road transport	
Receipts from the cross-border transport of passengers from carrying passengers between third-party countries by resident road transport companies (eg coach holidays)	15
Expenditure on the cross-border transport of passengers and on carrying passengers between third-party countries (eg coach holidays)	16

BPM5 code continued on next page

BPM5 code (continued from previous page)

Description of the code	Code (kza)
Expenditure on freight transport by land in connection with Germany's external trade	240
Receipts from freight transport by land between third countries	80
Expenditure on freight transport by land between third countries	260
Receipts from and expenditure on freight transport by land within Germany	271
Expenditure on ancillary transport services provided by road haulage companies (except fuel and other vehicle supplies)	320
Expenditure on road haulage companies for fuel and other vehicle supplies	362
Receipts from supplying goods to meet the needs of foreign land craft equipment (eg fuel)	362
Miscellaneous	
Receipts from freight transport by land and other forms of transport (that cannot be assigned to any other item or cannot be divided up) as well as receipts arising from refunds of freight advances in connection with Germany's external trade	370
Expenditure on ancillary transport services by other resident enterprises	330
Receipts from inland ports and airports as well as other subsidiary traffic companies	310
Freight and incidental services in merchanting	250
Insurance transactions	
Resident policy holders	
Expenditure on premiums/receipts arising from claims	
Life insurance	400
Secondary life insurance market	401
Transport insurance for German imports and exports	410
Other insurance transactions	420
Resident insurance corporations	
Direct insurance contracts with non-residents	
Premium receipts / expenditure arising from claims	
Life insurance	440
Transport insurance for German imports and exports	441
Other insurance transactions	442
Direct insurance contracts with residents	
Expenditure arising from claims	
Life insurance	443

BPM5 code continued on next page

BPM5 code (continued from previous page)

Description of the code	Code (kza)
Transport insurance (imports and exports)	444
Other insurance transactions	445
Receipts from and expenditure on reinsurance	
Outgoing business	450
Incoming business	451
Other receipts from recoveries etc	460
Miscellaneous services	
Acquisition, sale and utilisation of copyrights, inventions, processes and other rights	
Artistic copyrights	501
Patents, licences, inventions, processes (technical know-how)	502
Other rights (eg trade marks, franchise fees, marketing rights and rights to use a name)	503
Emission rights (eg EU allowances, assigned amount units)	507
Film and television industry	510
Research and development	511
Engineering and other technical services as well as architects' fees	512
IT services	513
Freelance work	514
Commercial, organisational and administrative services	516
Personnel leasing	517
Communications services	518
Payments for other entrepreneurial work	519
Disposal services	534
Compensation of employees	521
Commission fees	523
Financial services	533
Subsidies to subsidiaries, branches and operating plants	530
Overhead expenses	531
Advertising and trade fair expenses	540
Postal and courier services	591
Rents/operational leasing	594
Other services	595
BPM5 code continued on next page	

BPM5 code (continued from previous page)

Description of the code	Code (kza)
Repairs	
Repairs to means of transport	560
Repairs to buildings and other immovables	561
Repairs to goods imported and exported for the purpose of repair	562
Construction services	
Construction sites in Germany - payments made to non-resident firms in the economic territory (excluding payment for imports of goods)	570
Construction sites in Germany - receipts from goods deliveries to non-resident firms in the economic territory commissioned by residents	580
Construction sites abroad - expenditure of resident firms on construction work abroad commissioned by non-residents	580
Construction sites abroad - receipts from construction work abroad commissioned by non-residents (excluding export proceeds)	570
Incidental payments for merchandise and service transactions	
Cash discounts, warranties, warranty payments, price surcharges etc	
in trade in goods (import and export) where the payment is to be recorded as an adjustment item relating to the statistical value of the goods in the foreign trade statistics (including intra-statistics)	
Reduction in the statistical value (eg cash discounts, warranties, warranty payments)	600
Increase in the statistical value (eg price surcharges)	602
in service transactions	610
in merchanting	250
Import turnover tax	601
Receipts and expenditure of general government	
Expenditure on pensions	
Pensions - claims from the social security funds	526
Pensions - claims from previous employment	527
War victims' pensions and related benefits	528
Other pensions (eg accident benefits, reimbursement of contributions already paid)	529
German tax revenue and refunds (reports from the Regional Finance Office and tax authorities)	
Income tax and solidarity surcharge	762
Investment income tax and corporation tax	763
Value-added tax	764

BPM5 code continued on next page

BPM5 code (continued from previous page)

Description of the code	Code (kza)
Trade tax	765
Refund of Federal taxes	790
Refund of state government taxes and local authority taxes	791
Federal government payments to German diplomatic missions	
Payments to German diplomatic missions to cover regular operating costs	710
Wage and salary payments to German employees at German embassies and consulates	712
Wage and salary payments to non-German employees at German embassies and consulates	525
Expenditure on indemnification payments	
General government indemnification payments	720
General government indemnification payments arising from agreements concluded with other countries and international organisations	723
Contributions to international organisations and refunds of these contributions	
	740
Expenditure in connection with development aid	
Central government development aid	750
Development aid from state governments, local authorities and other public bodies	753
Other receipts and expenditure of general government	
Receipts and expenditure of the Federal armed forces for services	700
Central government receipts and expenditure for unrequited transfers	760
Receipts and expenditure of state governments, local authorities and other public bodies to non-residents	761
Debt relief granted by central government	725
Goods and services supplied to foreign troops stationed in Germany	
Receipts from deliveries of goods; invoicing in euro	770
Receipts from deliveries of goods; invoicing in foreign currency	780
Receipts from services provided; invoicing in euro	775
Receipts from services provided; invoicing in foreign currency	785

BPM5 code continued on next page

BPM5 code (continued from previous page)

Description of the code	Code (kza)
Private transfers	
Receipts and expenditure arising from transactions with foreign authorities	
Transfers to / from foreign authorities and international organisations eg for foreign income tax	810
Incoming payments for subsidies received from the European Union	812
Payments arising from inheritances, legacies, donation, restitution, immigration and emigration	850
Support payments and alimony, other unrequited payments	
Pensions and similar payments (eg company pensions)	522
Indemnification payments by private sector entities, such as enterprises and associations	724
Debt relief granted by the private sector	727
Support payments and alimony	851
Payments made in the field of development aid by church bodies or private aid organisations as well as funds received (for example, from the EU) for forwarding to developing countries	852
Penalties and warranty payments, lump-sum severance payments, gambling revenue, stakes, player transfers etc as well as premium refunds from insurance transactions	854
Payments sent by foreign workers to their home countries for the purpose of supporting family members	861
Payments sent by foreign workers to their home countries for the purpose of acquiring buildings or undertaking other capital investments	862

3.2 BPM6 code for services and transfers

Code list for "kza"

Description of the code	Code (kza)
Services	
Product-related services	
Research and development	549
Product tests	551
Production of audiovisual and other artistic products	564
Maintenance and repair work	566
Contract production	567
Technical services	553
Architectural services	554
Engineering services	555
Disposal services	534
Agricultural and mining services	558
Enterprise-related services	
Commissions	523
Financial services	533
Legal services	536
Auditing, bookkeeping, and tax consultancy services	546
Commercial services	556
Advertising, market research, trade fair costs	540
Operational leasing	594
Official fees	619
Rents	694
Other product-related or enterprise-related services	571
Personal services	
Health services	658
Education services	659
Recreational and heritage services	643
Staff leasing	517
Compensation of employees	521
Other personal services	695

BPM6 code continued on next page

BPM6 code (continued from previous page)

Description of the code	Code (kza)
Intellectual property	
1 Royalties and licences	
Use of software	613
Use of audiovisual products and other artistic copyrights	614
Use of research findings, inventions and processes	615
Use of brands, trademarks and franchises	616
Use of other rights	617
2 Distribution and reproduction rights relating to intellectual property	
Reproduction and distribution of computer software	623
Reproduction, distribution and transmission of audiovisual products and other artistic copy rights	624
Other distribution rights	627
3 Acquisition/sale of intellectual property	
Purchase/sale of software	633
Purchase/sale of audiovisual products and other artistic copyrights	634
Purchase/sale of research results	635
Purchase/sale of trademark rights and brands	636
Purchase/sale of other rights	637
Telecommunications, computer and information services	
Communication services	576
IT-services	573
News and information services	572
Storage of information and provision of related infrastructure	574
Construction services	
1 Construction sites abroad for less than one year commissioned by non-residents	
Expenditure for construction sites abroad that exist for less than one year	580
Receipts from construction sites abroad that exist for less than one year	570
2 Construction sites abroad for more than one year commissioned by non-residents	
Expenditure for construction sites abroad that exist for more than one year	579
Receipts from construction sites abroad that exist for more than one year	569
BPM6 code continued on next page	

BPM6 code (continued from previous page)

Description of the code	Code (kza)
3 Construction sites in Germany for less than one year commissioned by residents	
Receipts from construction sites in Germany that exist for less than one year	580
Expenditure for construction sites in Germany that exist for less than one year	570
4 Construction sites in Germany for more than one year commissioned by residents	
Receipts from construction sites in Germany that exist for more than one year	579
Expenditure for construction sites in Germany that exist for more than one year	569
5 Other construction services	
Repair work on buildings and other immovable assets	561
Transport services	
1 Shipping	
Sea transportation of passengers	654
Sea transport related to German imports and exports	669
Other sea transport	81
Auxiliary transport services in shipping	310
Expenditure paid to non-residents for the chartering of sea vessels owned by non-residents	298
Receipts from non-residents from inward sea transport	667
Receipts from non-residents from outward sea transport	668
Receipts from residents from inward sea transport	677
Receipts from residents from outward sea transport	678
2 Air transport	
Transport of passengers by air	14
Air transport related to German imports and exports	225
Other air freight	82
Auxiliary transport services in air transport	360
3 Road transport	
Transport of passengers by road	674
Road transport related to German imports and exports	240
Other road freight	671
Auxiliary transport services in relation to road haulage	670
BPM6 code continued on next page	

BPM6 code (continued from previous page)

Description of the code	Code (kza)
4 Rail transport	
Transport of passengers by rail	13
Rail transport related to German imports and exports	676
Other rail freight	681
Auxiliary transport services in relation to rail transport	340
5 Inland waterway transport	
Inland waterway transportation of passengers	664
Inland waterway transport related to German imports and exports	216
Other inland waterway freight	661
Auxiliary transport services in relation to inland waterway transport	690
6 Transport by pipeline and electricity transmission	
Transport by pipeline related to German imports and exports	226
Other transport by pipeline	215
Transmission via electricity pipelines	217
7 Postal and courier services (KEP)	
Postal and courier services related to German imports and exports	696
Other postal and courier services	691
8 Other transport services	
Required items for transport	361
Space transportation	629
Other auxiliary transport services	680
Insurance transactions	
1 Life insurance (excluding term life insurance)	
Life insurance held by domestic policyholders	400
Life insurance provided by domestic insurers to non-residents	440
Life insurance provided by domestic insurers to residents	443
2 Secondary life insurance market	
Secondary life insurance market	401

BPM6 code continued on next page

BPM6 code (continued from previous page)

Description of the code	Code (kza)
3 Transport insurance	
Transport insurance for resident policyholders	410
Transport insurance provided by resident insurers - insurance contract with non-residents	441
Transport insurance provided by resident insurers - insurance contract with residents	444
4 Other insurance	
Other insurance transactions involving domestic policyholders	420
Other insurance transactions involving domestic insurers - insurance contract with non-residents	442
Other insurance transactions involving domestic insurers - insurance contract with residents	445
5 Reinsurance	
Outgoing (retro-)business	450
Incoming (reinsurance) business	451
Share of the profits (reinsurance)	449
Premium refunds and loss recovery in outgoing (retro-) business (foreign reinsurer)	447
Premium refunds and loss recovery in incoming (reinsurance) business (domestic reinsurer)	448
6 Private pensions	
Foreign pension funds	638
Domestic pension funds	639
7 Miscellaneous	
Other insurance receipts	460
Auxiliary insurance services	657
Travel	
Travel	17
Transfers	
Private transfers	
Payments arising from transactions with foreign authorities	810
Subsidies received from the European Union	812
Inheritances, legacies, donations, restitution	850

BPM6 code continued on next page

BPM6 code (continued from previous page)

Description of the code	Code (kza)
Reparation payments made by private sector entities	724
Debt relief granted by private sector	727
Personal transfers between private households	728
Workers' remittances	861
Capital investments by foreign workers	862
Other private support payments	729

Transactions by the federation, federal states and local authorities

1 Expenditure on pensions

Pensions	526
Pension benefits	527
War victims' pensions and related benefits	528
Other pensions	529

2 Tax revenue and tax refunds from domestic public authorities

Income tax and solidarity surcharge	762
Investment income tax and corporation tax	763
Value-added tax	764
Trade tax	765
Property tax and real estate transfer tax	769
Other taxes	774

3 Federal government payments to German diplomatic missions

Federal government payments to German diplomatic missions abroad to cover regular operating costs	710
Salary payments to German employees at German embassies and consulates	712
Salary payments to foreign employees at German embassies and consulates	525

4 Other receipts and expenditure of the federation, federal states and local authorities

Reparation payments by public authorities	720
Transactions with international organisations	740
Receipts and expenditure of the German armed forces	700
Debt relief granted by the federal government	725
Other receipts and expenditure of the federation, federal states, local authorities and other public authorities	760

BPM6 code continued on next page

BPM6 code (continued from previous page)

Description of the code	Code (kza)
Other transfers	
Other transfers	854
Other	
Ancillary services in goods and services transactions	
Payments related to German imports and exports and shipments that reduce the value of the goods	600
Payments related to German imports and exports and shipments that reduce the value of the goods	602
Charges related to German imports and exports	601
Warranties, reimbursements and repayments, and discounts in connection with service transactions with non-residents	610

3.3 Conversion table of the new BPM6 codes into the old BPM5 codes

Code list for "kza"

BPM6 code	BPM5 code receipts	BPM5 code expenditures
447	450 (Expenditures in BPM5)	450
448	451	451 (Receipts in BPM5)
449	450 (Expenditures in BPM5)	451 (Receipts in BPM5)
536	514*	514*
546	514*	514*
549	511*	511*
551	511*	511*
553	512*	512*
554	512*	512*
555	512*	512*
556	516*	516*
558	512*	512*
564	510*	510*
566	562*	562*
567	–	–
569	570	570
571	516*	516*
572	518*	518*
573	513*	513*
574	518*	518*
576	518*	518*
579	580	580
613	513*	513*
614	501*	501*
615	502*	502*
616	503*	503*
617	503*	503*
619	519*	519*
623	513*	513*
624	501*	501*
627	503*	503*
629	518*	518*
633	513*	513*

Conversion table continued on next page

Conversion table (continued from previous page)

BPM6 code	BPM5 code receipts	BPM5 code expenditures
634	501*	501*
635	502*	502*
636	503*	503*
637	503*	503*
638	522*	522*
639	522*	522*
643	514*	514*
654	40**	16*
657	–	–
658	514*	514*
659	514*	514*
661	80*	260*
664	15*	16*
667	210*	–
668	210*	–
669	220*	210*
670	300*	320*
671	80*	260*
674	15*	16*
676	233*	233*
677	230*	–
678	240*	–
680	370*	330*
681	80*	260*
690	362*	320*
691	591*	591*
694	594	594
695	595*	595*
696	591*	591*
728	852*	852*
729	852*	852*
774	–	–

*: Code does not exist anymore.

** : Code was not included in the research dataset.

3.4 Countries

Code list for "lan"

Code (lan)	Name of country
1	France, Désirade Island, French Guiana, Guadeloupe, Les Saintes Isles, Marie-Galante Islands, Martinique, Monaco, Réunion, Saint Barthélemy, Saint Martin (french)
3	Netherlands
5	Italy
6	United Kingdom (exclud. Guernsey, Jersey und Isle of Man), Northern Ireland
7	Ireland
8	Denmark
9	Greece
10	Azores, Madeira, Portugal
11	Spain, Canary Islands, Tenerife
17	Belgium
18	Luxemburg
21	Ceuta
23	Melilla
24	Iceland
28	Norway, Spitsbergen, Svalbard
30	Sweden
32	Finland
37	Liechtenstein
38	Austria
39	Switzerland, Busingen
41	Faroe Islands
43	Andorra
44	Gibraltar
45	Vatican City State, Holy See
46	Malta
47	San Marino
52	Turkey
53	Estonia
54	Latvia
55	Lithuania
60	Poland
61	Czech Republic
63	Slovakia
64	Hungary
66	Romania

Country codes continued on next page

Country codes (continued from previous page)

Code (lan)	Name of country
68	Bulgaria
70	Albania
72	Ukraine
73	Belarus
74	Republic of Moldova
75	Russian Federation
76	Georgia
77	Armenia
78	Azerbaijan
79	Kazakhstan
80	Turkmenistan
81	Uzbekistan
82	Tajikistan
83	Kyrgyzstan
91	Slovenia
92	Croatia
93	Bosnia and Herzegovina
94	Yugoslavia
95	Kosovo
96	Republic of Macedonia (the former Yugoslavia)
97	Montenegro
98	Serbia
99	Serbia including Kosovo
107	Guernsey
108	Jersey
109	Isle of Man
199	Countries not identified: Europe
204	Morocco
208	Algeria
212	Tunisia
216	Libya
220	Egypt
224	Sudan
225	South Sudan
228	Mauritania
232	Mali
236	Burkina Faso

Country codes continued on next page

Country codes (continued from previous page)

Code (lan)	Name of country
240	Niger
244	Chad
247	Cabo Verde
248	Senegal
252	Gambia
257	Guinea-Bissau
260	Guinea
264	Sierra Leone
268	Liberia
272	Côte d'Ivoire
276	Ghana
280	Togo
284	Benin
288	Nigeria
299	Countries not identified: Africa
302	Cameroon
306	Central African Republic
310	Equatorial Guinea
311	São Tomé and Príncipe
314	Gabon
318	Republic of the Congo
322	Democratic Republic of the Congo
324	Rwanda
328	Burundi
329	Saint Helena, Ascension and Tristan da Cunha
330	Angola, Cabinda
334	Ethiopia
336	Eritrea
338	Dschibouti
342	Somalia
346	Kenya
350	Uganda
352	United Republic of Tanzania, Zanzibar
355	Amirante Isles, Seychelles
357	British Indian Ocean Territory
366	Mozambique
370	Madagascar

Country codes continued on next page

Country codes (continued from previous page)

Code (lan)	Name of country
373	Mauritius
375	Comoros
377	Mayotte
378	Zambia
382	Zimbabwe
386	Malawi
388	South Africa
389	Namibia
391	Botswana
393	Swaziland
395	Lesotho
400	United States of America, Puerto Rico
404	Canada
406	Greenland
408	Saint Pierre and Miquelon
412	Mexico
413	Bermuda
416	Guatemala
421	Belize
424	Honduras, Swan-Islands
428	El Salvador
432	Nicaragua
436	Costa Rica
442	Panama (including Canal Zone)
446	Anguilla
448	Cuba
449	Saint Kitts und Nevis
452	Haiti
453	Bahamas
454	Turks und Caicos Islands
456	Dominican Republic
457	Virgin Islands of the United States
459	Antigua and Barbuda
460	Dominica
463	Cayman Islands
464	Jamaica
465	Saint Lucia

Country codes continued on next page

Country codes (continued from previous page)

Code (lan)	Name of country
467	Saint Vincent and the Grenadines
468	British Virgin Islands
469	Barbados
470	Montserrat
472	Trinidad and Tobago
473	Grenada
474	Aruba
475	Bonaire, Sint Eustatius and Saba
477	Curacao Island
478	Bonaire, Curacao Island, Netherlands Antilles, Saba, Sint Eustatius
479	Sint Maarten (Dutch)
480	Colombia
484	Bolivarian Republic of Venezuela
488	Guyana
492	Suriname
500	Ecuador, Galapagos Islands
504	Peru
508	Brazil
512	Chile
516	Plurinational State of Bolivia
520	Paraguay
524	Uruguay
528	Argentina
529	Falkland Islands (Islas Malvinas)
599	Countries not identified: America
600	Cyprus
604	Lebanon
608	Syrien Arab Republic
612	Iraq
616	Iran
624	Israel
625	Palestinian territories
626	Timor-Leste
628	Jordan
632	Saudi-Arabia
636	Kuwait
640	Bahrain

Country codes continued on next page

Country codes (continued from previous page)

Code (lan)	Name of country
644	Qatar
647	United Arab Emirates, Abu Dhabi, Ajman, Dubai, Fujairah, Ras al Khaimah, Sharjah, Umm al-Qaiwain
649	Oman
653	Yemen
660	Afghanistan
662	Pakistan
664	India
666	Bangladesh
667	Maldives
669	Sri Lanka
672	Nepal
675	Bhutan
676	Myanmar
680	Thailand
684	Lao People's Democratic Republic
690	Vietnam
696	Cambodia
700	Southern Borneo, Indonesia
701	Eastern Malaysia, Labuan, Malaysia, Sabah
703	Brunei Darussalam
706	Singapore
708	Philippines
716	Mongolia
720	China, Tibet
724	Dem. People's Republic of Korea (former North Korea)
728	Republic of Korea (former South Korea)
732	Japan
736	Taiwan
740	Hongkong
743	Macau
799	Countries not identified: Asia
800	Australia, Tasmania
801	Papua New Guinea
802	Oceania (AUS)
803	Nauru
804	New Zealand

Country codes continued on next page

Country codes (continued from previous page)

Code (lan)	Name of country
806	Solomon Islands
807	Tuvalu
809	New Caledonia
810	Oceania (US)
811	Wallis and Futuna (Islands)
812	Christmas Island (Pacific Ocean), Kiribati
813	Pitcairn Islands Group
815	Fiji
816	Vanuatu
817	Tonga
819	Samoa
820	Northern Mariana Islands
822	French Polynesia, Society Islands, Tahiti, Tuamotu (Paumotu) Islands
823	Federated States of Micronesia
824	Marshall Islands
825	Palau
830	American Samoa
831	Guam
832	United States Minor Outlying Islands
833	Cocos (Keeling) Islands
834	Christmas Island (Indian Ocean)
835	Heard and the McDonald Islands
836	Norfolk Island
837	Cook-Islands
838	Niue
839	Tokelau
855	Countries not identified: Intra EMU
856	Countries not identified: Extra EMU / Intra EU
857	Countries not identified: Extra EMU
858	Countries not identified
890	Polar Region
891	Antarctica
892	Bouvet Island
893	South Georgia and South Sandwich Islands
894	French Southern Territories
899	Countries not identified: Oceania
900	International Organisations

3.5 Economic sectors – NACE Rev. 1

Code list for "bra"

Code (bra)	Name of economic sector
0	Not allocated
10	Agriculture, hunting and related service activities
20	Forestry, logging and related service activities
50	Fishing, fish farming and related service activities
100	Mining of coal and lignite; extraction of peat
110	Extraction of crude petroleum and natural gas; service activities incidental to oil and gas extraction, excluding surveying
120	Mining of uranium and thorium ores
130	Mining of metal ores
140	Other mining and quarrying
150	Manufacture of food products and beverages
160	Manufacture of tobacco products
170	Manufacture of textiles
180	Manufacture of wearing apparel; dressing and dyeing of fur
190	Tanning and dressing of leather; manufacture of luggage, handbags, saddlery, harness and footwear
200	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
210	Manufacture of pulp, paper and paper products
220	Publishing, printing and reproduction of recorded media
230	Manufacture of coke, refined petroleum products and nuclear fuel
240	Manufacture of chemicals and chemical products
244	Manufacture of pharmaceuticals, medicinal chemicals and botanical products
250	Manufacture of rubber and plastic products
260	Manufacture of other non-metallic mineral products
270	Manufacture of basic metals
280	Manufacture of fabricated metal products, except machinery and equipment
290	Manufacture of machinery and equipment n.e.c.
300	Manufacture of office machinery and computers
310	Manufacture of electrical machinery and apparatus n.e.c.
320	Manufacture of radio, television and communication equipment and apparatus
330	Manufacture of medical, precision and optical instruments, watches and clocks
340	Manufacture of motor vehicles, trailers and semi-trailers
350	Manufacture of other transport equipment
351	Building and repairing of ships and boats
352	Manufacture of railway and tramway locomotives and rolling stock
353	Manufacture of aircraft and spacecraft

Economic sector codes NACE Rev. 1 continued on next page

Economic sector codes NACE Rev. 1 (continued from previous page)

Code (bra)	Name of economic sector
354	Manufacture of motorcycles and bicycles
355	Manufacture of other transport equipment n.e.c.
360	Manufacture of furniture; manufacturing n.e.c.
370	Recycling
400	Electricity, gas, steam and hot water supply
410	Collection, purification and distribution of water
450	Construction
500	Sale, maintenance and repair of motor vehicles and motorcycles; retail sale of automotive fuel
510	Wholesale and commission trade, except of motor vehicles and motorcycles
520	Retail trade, except of motor vehicles and motorcycles; repair of personal and household goods
550	Hotels and restaurants
600	Land transport; transport via pipelines
610	Water transport
620	Air transport
630	Supporting and auxiliary transport activities; activities of travel agencies
640	Post and telecommunications
641	Post and courier activities
642	Telecommunications
655	Central banking
656	Other credit institutions
657	Financial leasing
658	Other financial intermediaries
659	Investment funds
660	Insurance and pension funding, except compulsory social security
670	Activities auxiliary to financial intermediation
705	Housing enterprises
706	Other real estate activities
710	Renting of machinery and equipment without operator and of personal and household goods
720	Computer and related activities
730	Research and development
740	Other business activities
741	Legal, accounting, book-keeping and auditing activities; tax consultancy; market research and public opinion polling; business and management consultancy; holdings
742	Architectural and engineering activities and related technical consultancy
743	Technical testing and analysis

Economic sector codes NACE Rev. 1 continued on next page

Economic sector codes NACE Rev. 1 (continued from previous page)

Code (bra)	Name of economic sector
744	Advertising
745	Labour recruitment and provision of personnel
746	Investigation and security activities
747	Industrial cleaning
748	Miscellaneous business activities n.e.c.
749	Management activities of holding companies
756	Federal government
757	Federal states
758	Local government and local authority associations
759	Social security and employment promotion
800	Education
850	Health and social work
900	Sewage and refuse disposal, sanitation and similar activities
910	Activities of membership organizations n.e.c.
920	Recreational, cultural and sporting activities
921	Motion picture and video activities
922	Radio and television activities
923	Other entertainment activities
924	News agency activities
925	Library, archives, museums and other cultural activities
926	Sporting activities
927	Other recreational activities
930	Other service activities
955	Private households with employed persons
956	Other households
960	Undifferentiated goods producing activities of private households for own use
999	Not allocated

3.6 Economic sectors – NACE Rev. 2

Code list for "bra2"

Code (bra2)	Name of economic sector
0	Not allocated
100	Crop and animal production, hunting and related service activities
200	Forestry and logging
300	Fishing and aquaculture
500	Mining of coal and lignite
600	Extraction of crude petroleum and natural gas
700	Mining of metal ores
800	Other mining and quarrying
900	Mining support service activities
1000	Manufacture of food products
1100	Manufacture of beverages
1200	Manufacture of tobacco products
1300	Manufacture of textiles
1400	Manufacture of wearing apparel
1500	Manufacture of leather and related products
1600	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials
1700	Manufacture of paper and paper products
1800	Printing and reproduction of recorded media
1900	Manufacture of coke and refined petroleum products
2000	Manufacture of chemicals and chemical products
2100	Manufacture of basic pharmaceutical products and pharmaceutical preparations
2200	Manufacture of rubber and plastic products
2300	Manufacture of other non-metallic mineral products
2400	Manufacture of basic metals
2500	Manufacture of fabricated metal products, except machinery and equipment
2600	Manufacture of computer, electronic and optical products
2610	Manufacture of electronic components and boards
2620	Manufacture of computers and peripheral equipment
2635	Manufacture of communication equipment; Manufacture of consumer electronics
2655	Manufacture of instruments and appliances for measuring, testing and navigation; watches and clocks; manufacture of irradiation, electromedical and electrotherapeutic equipment
2675	Manufacture of optical instruments and photographic equipment; manufacture of magnetic and optical media
2700	Manufacture of electrical equipment
2800	Manufacture of machinery and equipment n.e.c.

Economic sector codes NACE Rev. 2 continued on next page

Economic sector codes NACE Rev. 2 (continued from previous page)

Code (bra2)	Name of economic sector
2900	Manufacture of motor vehicles, trailers and semi-trailers
3010	Building of ships and boats
3020	Manufacture of railway locomotives and rolling stock
3030	Manufacture of air and spacecraft and related machinery
3040	Manufacture of military fighting vehicles
3090	Manufacture of transport equipment n.e.c.
3100	Manufacture of furniture
3200	Other manufacturing
3300	Repair and installation of machinery and equipment
3500	Electricity, gas, steam and air conditioning supply
3600	Water collection, treatment and supply
3700	Sewerage
3800	Waste collection, treatment and disposal activities; materials recovery
3900	Remediation activities and other waste management services
4100	Construction of buildings
4200	Civil engineering
4300	Specialised construction activities
4500	Wholesale and retail trade and repair of motor vehicles and motorcycles
4600	Wholesale trade, except of motor vehicles and motorcycles
4700	Retail trade, except of motor vehicles and motorcycles
4900	Land transport and transport via pipelines
5000	Water transport
5100	Air transport
5200	Warehousing and support activities for transportation
5300	Postal and courier activities
5500	Hotels and similar accommodation (accommodation)
5600	Food and beverage service activities
5800	Publishing activities
5900	Motion picture, video and television programme production, sound recording and music publishing activities
6000	Programming and broadcasting activities
6100	Telecommunications
6200	Computer programming, consultancy and related activities
6300	Information service activities
6411	Central banking
6419	Other monetary intermediation
6421	Activities of holding companies, not engaged in managing

Economic sector codes NACE Rev. 2 continued on next page

Economic sector codes NACE Rev. 2 (continued from previous page)

Code (bra2)	Name of economic sector
6422	Funds
6430	Trusts, funds and similar financial entities
6490	Other financial service activities, except insurance and pension funding
6491	Financial leasing
6492	Other credit granting
6500	Insurance, reinsurance and pension funding, except compulsory social security
6510	Insurance
6530	Pension funding
6600	Activities auxiliary to financial services and insurance activities
6801	Housing enterprises
6802	Other real estate activities
6910	Legal activities
6920	Accounting, bookkeeping and auditing activities; tax consultancy
7010	Activities of head offices
7011	Holding companies with active insurance business
7012	Holding companies with predominantly shareholdings
7020	Management consultancy activities
7110	Architectural and engineering activities and related technical consultancy
7120	Technical testing and analysis
7200	Scientific research and development
7310	Advertising
7320	Market research and public opinion polling
7400	Other professional, scientific and technical activities
7500	Veterinary activities
7700	Rental and leasing activities
7800	Employment activities
7900	Travel agency, tour operator reservation service and related activities
8000	Security and investigation activities
8110	Combined facilities support activities
8120	Cleaning activities
8130	Landscape service activities
8200	Office administrative, office support and other business support activities
8430	Compulsory social security activities
8460	Public administration and defence (federal government)
8470	Federal states
8480	Local government and local authority associations
8500	Education

Economic sector codes NACE Rev. 2 continued on next page

Economic sector codes NACE Rev. 2 (continued from previous page)

Code (bra2)	Name of economic sector
8600	Human health activities
8700	Residential care activities
8800	Social work activities without accommodation
9000	Creative, arts and entertainment activities
9100	Libraries, archives, museums and other cultural activities
9200	Gambling and betting activities
9310	Sports activities
9320	Amusement and recreation activities
9400	Activities of membership organisations
9500	Repair of computers and personal and household goods
9600	Other personal service activities
9700	Activities of households as employers of domestic personnel
9800	Undifferentiated goods- and services-producing activities of private households for own use

4 Bibliography

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