

National accounts			
Metadata and chronology of methodological changes			
1 Codes			
1 Frequency:	A	annual	
	Q	quarterly	
2 Reference area:	DE	Germany	
3 Adjustment:	Y	calendar and seasonally adjusted	
	S	seasonally adjusted only	
	N	unadjusted	
4 Accounting system:	A	national accounts	
5 Indicator category:	***	36 content definitions	
6 Identification:	***	20 sector definitions	
7 Unit:	A	chain-linked to previous-year prices	
	C	at constant prices	
	V	at current prices	
	H	hours	
	P	persons	
8. Calculation basis:	A	absolute values	
	G	contribution to growth	
	I	index	
Example:	BBKRT.Q.DE.Y.A.AG1.CA010.A.I		
See also:	https://www.bundesbank.de/en/statistics/time-series-databases/help-on-the-time-series-databases/real-time-database		
2 Available vintages			
from 2005-05-12 partly from 1995-09-06 or from 1999-04-28			
3 Chronology of methodological changes			
Publication date	Publication date	Publication date	Publication date
2024-08-27	Major revision of national accounts for the period 1991 to 2023.	1991 Q1 –	M. Kuhn et al, Revision der Volkswirtschaftlichen Gesamtrechnungen 1991 bis 2023, <i>Wirtschaft und Statistik</i> 5/2024, S. 15-27.
2019-08-27	Methodological changes limited in number and quantitative impact.	1991 Q1 –	S. Hauf, D. Schäfer, Revision der Volkswirtschaftlichen Gesamtrechnungen 1991 bis 2018, <i>Wirtschaft und Statistik</i> 5/2019, Seite 61-72.
2014-09-01	General revision and changeover to the European System of National Accounts (ESNA) 2010. Among the 44 conceptual changes and 29 clarifications of the new regulatory framework the most salient are the capitalisation of research and development expenditures and the treatment of military weaponry as investments.	1991 Q1 –	N. Räth, A. Braakmann and staff (2014), Generalrevision der Volkswirtschaftlichen Gesamtrechnungen 2014 für den Zeitraum 1991 bis 2014, <i>Wirtschaft und Statistik</i> , No 9, pp 502-543.
2011-09-01	Changes include the implementation of the Classification of Economic Activities, 2008 edition (WZ 2008).	1991 Q1 –	N Räth, A Braakmann, et al (2011). Revision der Volkswirtschaftlichen Gesamtrechnungen 2011 für den Zeitraum 1991 bis 2010, <i>Wirtschaft und Statistik</i> , No 9, pp 825-865. Commission Regulation (EC) No 715/2010 of 10 August 2010

2006-04-13	The volumes of former West German data for the 1970 to 1991 period are converted to the method employing chain-linked previous-year prices. In addition, the categorisation of FISIM (Financial Intermediation Services Indirectly Measured) by sector is introduced.	1970 Q1 – 1991 Q4	N R�ath, A Braakmann, et al (2006) Vergleichbare Zeitreihen der Volkswirtschaftlichen Gesamtrechnungen, <i>Wirtschaft und Statistik</i> , No 10, pp 1003-1020
2005-04-28	Changes include converting price adjusted data to the concept of chain-linked previous-year prices. The FISIM (Financial Intermediation Services Indirectly Measured) sectoral classification of financial services replaces the flat-rate FISIM for the economy as a whole.	1991 Q1 –	A Braakmann, N Hartmann, N R�ath, W Strohm, et al (2005). Revision der Volkswirtschaftlichen Gesamtrechnungen 2005 f�ur den Zeitraum 1991 bis 2004, <i>Wirtschaft und Statistik</i> , No 5, pp 425-462. Commission Decision of 30 November 1998 clarifying Annex A to Council Regulation (EC) No 2223/96 Council Regulation (EC) No 448/98 of 16 February 1998 completing and amending Regulation (EC) No 2223/96. Commission Regulation (EC) No 1889/2002 of 23 October 2002 on the implementation of Council Regulation (EC) No 448/98 completing and amending Regulation (EC) No 2223/96.
2002-07	The data for West Germany for the 1970 to 1991 period are recalculated at 1995 prices in accordance with the ESA 95.	1970 Q1 – 1991 Q1	N Hartmann (2002), Revision der Volkswirtschaftlichen Gesamtrechnungen 1970 bis 1990, <i>Wirtschaft und Statistik</i> , No 7, pp 541-549.
1999-04-28	The ESA 95 is introduced. Licence fees, intangible assets and military installations available for civilian use, among other things, are recorded as fixed capital formation (formerly intermediate goods). Real figures are calculated at 1995 prices.	1991 Q1 –	H Essig, N Hartmann et al (1999), Revision der Volkswirtschaftlichen Gesamtrechnungen 1991 bis 1998, <i>Wirtschaft und Statistik</i> , No 6, pp 449-478. W Strohm, N Hartmann, H Essig and P Bleses (1999) Revision der Volkswirtschaftlichen Gesamtrechnungen 1999 - Anla�, Konzept�nderungen und neue Begriffe, <i>Wirtschaft und Statistik</i> , No 4, pp 257-281. H L�tzel (1993), Revidiertes System Volkswirtschaftlicher Gesamtrechnungen, <i>Wirtschaft und Statistik</i> , No 10, pp 711-722. Council Regulation (EC) No 448/98 of 16 February 1998 completing and amending Regulation (EC) No 2223/96.
1995-09-06	Data for Germany are published for the first time.	1991 Q1 –	Deutsche Bundesbank, Results of the national accounts for Germany as a whole, <i>Monthly Report</i> , October 1995, pp 45-58.
1993-09-07	Real figures are calculated at 1991 prices. The figures for the 1950 to 1960 period are calculated in March 1994.	1960 Q1 –	
1991-03-21	Real figures are calculated at 1985 prices. Seasonally adjusted data on the expenditure side are also adjusted for calendar variations for the first time.	Annual figures 1950 – 1959 1960 Q1 –	H L�tzel et al (1991), Revision der Volkswirtschaftlichen Gesamtrechnungen 1970 bis 1990, <i>Wirtschaft und Statistik</i> , No 4, pp 227-247.

			Deutsche Bundesbank, Data, adjusted for seasonal and working-day variations, on the expenditure components of GNP, <i>Monthly Report</i> , April 1991, pp 35-40.
1985-09-09	Real figures are calculated at 1980 prices.	1960 Q1 –	F Dorow, G Kopsch, C. Stahmer and H. Lützel (1985), Ansätze zur Weiterentwicklung der Volkswirtschaftlichen Gesamtrechnungen, <i>Wirtschaft und Statistik</i> , No 2, pp 95-109.
1982-09	Real figures are calculated at 1976 prices.	1960 Q1 –	M Engelmann et al (1982), Revision der Volkswirtschaftlichen Gesamtrechnungen 1960 bis 1981, <i>Wirtschaft und Statistik</i> , No 8, pp 551-572.
1977-07	Real figures are calculated at 1970 prices.	1960 Q1 –	G. Hamer, M. Engelmann et al (1978), Vierteljahresergebnisse der Sozialproduktsberechnung ab 1968, <i>Wirtschaft und Statistik</i> , No 1, pp 15-25. G Hamer et al (1977), Revision der Volkswirtschaftlichen Gesamtrechnungen 1960 bis 1976, <i>Wirtschaft und Statistik</i> , No 4, pp 215-239.
1970-02	The national version of ESA 1970 is introduced. Real figures are calculated at 1962 prices.	1960 Q1 –	G Hamer (1970), Revision der Volkswirtschaftlichen Gesamtrechnungen 1960 bis 1976, <i>Wirtschaft und Statistik</i> , No 2, pp 57-65. G Hamer (1970), Revidierte Konten der Volkswirtschaftlichen Gesamtrechnungen, <i>Wirtschaft und Statistik</i> , No 6, pp 281-288.
4 Other references			
<ul style="list-style-type: none"> Federal Statistical Office, <i>Quality Report</i> – National accounts 			
5 Sources of the unadjusted figures			
<ul style="list-style-type: none"> Working hours, hours worked by employees: Institute for Employment Research of the German Federal Employment Agency Working hours per employee, working hours per person employed: Federal Statistical Office, Institute for Employment Research of the German Federal Employment Agency <p>Other figures</p> <ul style="list-style-type: none"> Quarterly vintages up to and including 1977: Bundesbank calculations based on annual and half-year figures of the Federal Statistical Office Quarterly vintages from 1978 onwards and annual figures: Federal Statistical Office 			