

■ Table 1.1.2

R&D expenditure of the Federal Republic of Germany and funding thereof¹

Year	Financed by				Total R&D expenditure
	Territorial authorities ²		Business enterprises ³	Private non-profit institutions ⁴	
	Millions of €	in % of the overall government budget ⁵	Millions of €		Millions of €
1981	8,981	3.2	11,154	78	20,214
1983	9,475	3.2	13,011	86	22,571
1985	10,587	3.4	15,896	68	26,551
1987	11,114	3.3	18,831	122	30,067
1989	11,864	3.3	21,064	166	33,094
1991	14,821	3.2	23,935	196	38,952
1993	15,491	2.7	23,973	122	39,586
1995	15,735	2.6	24,733	104	40,572
1997	15,608	2.6	27,036	141	42,785
1999	15,965	2.7	32,411	205	48,581
2001	16,814	2.8	35,095	222	52,131
2003	17,136	2.8	38,060	176	55,372
2005	16,761	2.7	39,569	164	56,494
2006	17,310	2.7	42,281	211	59,802
2007	18,183	2.8	43,768	217	62,168
2008	19,874	2.9	46,890	207	66,971
2009	21,388	3.0	46,019	176	67,583
2010	22,480	3.1	47,409	164	70,053
2011	23,446	3.0	51,448	264	75,158
2012	23,567	3.0	54,109	307	77,983
2013	24,466	3.1	54,569	246	79,281
2014	25,134	3.2	58,115	264	83,513
2015	26,356	3.3	60,940	319	87,615
2016	27,995	3.3	61,673	332	90,000

1 Data from surveys for the relevant domestic funding sectors. Until 1990, the former Federal Republic of Germany; as of 1991, all of Germany. Discrepancies from the figures in Table 1.1.1 result from use of different surveys (Table 1.1.2: survey of funding sectors; Table 1.1.1: survey of performing sectors).

2 Federal Government and the Länder. Funding for Federal research institutions, as of 1981; funding for Länder research institutions, as of 1983, but only shares for R&D. The increase of the R&D expenditure in 2016 is due to an increase in the higher education sector of the Länder (partly because of the adjustment of R&D coefficients).

3 Data from surveys of the Stifterverband Wissenschaftsstatistik; from 1981 to 1989, figures include data for the R&D-staff-cost subsidy programme (German Federation of Industrial Co-operative Research Associations AiF), with an estimate for 1989, and adjusted to eliminate double counting. Figures for industry-funded R&D expenditures refer to intramural R&D expenditures and to funds that other sectors (e.g. universities, other countries) have received from business enterprises. Due to revision of the calculation method, as of 1991, figures are not comparable to data from earlier publications.

4 Financed from own funds. Some figures are estimates.

5 Net expenditure without social insurance. As of 1999, excluding hospitals and university clinics with commercial accounting procedures.

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This table also appears in the Federal Report on Research and Innovation as Table 2.

Source: Special evaluation of the Federal Statistical Office, the Stifterverband Wissenschaftsstatistik and the Federal Ministry of Education and Research

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