

■ Table 1.4.1

Science expenditure of the Federal Republic of Germany¹

Millions of euros								
Source of funding	1995	2005	2015	2018	2019	2020	2021	2022
1. Public budgets²								
1.1 Territorial authorities								
a) Federal Government ³	10,383	11,148	19,610	22,672	24,240	25,561	26,719	28,512
b) Länder ⁴	16,673	18,879	26,931	28,438	29,962	32,424	33,308	35,426
c) Communities	159	218	314	377	396	453	497	459
Sum 1.1	27,215	30,245	46,855	51,487	54,598	58,438	60,524	64,397
1.2 Non-profit research organizations ⁵								
Sum 1	28,222	31,995	50,108	54,680	57,931	61,612	64,271	68,462
The same as a percentage of total government expenditure ⁶	4.6	5.1	6.2	6.1	6.1	5.7	5.5	5.4
2. Business enterprise sector⁷								
2.1 Business enterprises ⁸								
2.2 Foundations and donations ⁹	317	360	-	-	-	-	-	-
Sum 2	25,050	39,929	60,940	72,662	75,288	70,627	77,601	83,422
3. Public budgets and business enterprise sector								
Sum 1+2	53,272	71,924	111,048	127,342	133,219	132,239	141,872	151,884
The same as a percentage of GDP ¹⁰	2.8	3.1	3.6	3.7	3.8	3.8	3.9	3.8

1 Expenditure for research, development, higher education teaching and other activities related to R&D.

2 Länder, communities, and non-profit research organizations: actual figures up to 2005, provisional actual figures from 2015 to 2022; federal government: actual figures up to 2022.

3 Discrepancies with regard to publications of the Federal Statistical Office result from surveys carried out by the BMBF.

4 The science expenditure of the Länder are based on "basic funds" ("Grundmittel"), which are obtained by deducting direct income (especially Länder income from patient care at university hospitals) from net expenditure.

5 Expenditures financed through own revenues by institutes predominantly funded by the government.

6 Net expenditure without social insurance. As of 2005, excluding hospitals and university clinics with commercial accounting procedures.

7 Even-numbered years are estimated based on the previous year. Deviations compared to earlier publications, as data from 2015 onwards exclude foundations and donations.

8 Data from surveys conducted by Stifterverband Wissenschaftsstatistik gGmbH; the expenditures financed by the business sector refer to the internal R&D expenditures of the business sector, with additional funds from the business sector flowing to other sectors (e.g., higher education, abroad).

9 Including the Volkswagen Foundation (estimated). Data from 2000 onwards are not comparable with previous years. The last survey was conducted in 2005.

10 Status of gross domestic product calculations: August 2024 (ESA 2010, revision 2024).

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

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