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R&D expenditure of the Federal Government and the Länder, by research objectives¹

		Budget appropriations in Millions of €				
Research objective		1995	2000	2005	2010	2013
1.	Exploration and exploitation of the earth	370.2	280.4	303.3	384.8	426.5
2.	Environment	580.3	542.3	593.3	635.6	705.6
3.	Exploration and exploitation of space	832.9	768.0	843.6	1,086.4	1,173.3
4.	Transport, telecommunications and other infrastructures	246.4	270.4	314.3	362.9	374.4
5.	Energy	556.3	556.3	490.6	883.1	1,313.3
6.	Industrial production and technology	2,157.1	2,002.0	2,171.6	3,326.8	3,190.5
7.	Health	520.5	581.7	744.6	997.4	1,272.4
8.	Agriculture	420.8	410.1	310.2	770.7	719.1
9.	Education	-	-	-	238.6	266.9
10.	Culture, recreation, religion and mass media	-	-	-	316.8	299.9
11.	Political and social systems, structures and processes	-	-	-	403.8	454.7
9.-11. Total of education, culture, recreation, religion, mass media, political and social systems, structures and processes		387.6	586.8	666.8	959.2	1,021.6
12.	General advancement of knowledge: R&D financed from General University Funds (GUF)	6,104.3	6,350.1	6,989.2	8,874.0	10,137.5
13.	General advancement of knowledge: R&D financed from other sources than GUF ³	2,430.7	2,621.2	2,924.5	3,723.7	4,331.2
Non-apportionable funds ⁴		-	-	-122.0	-142.6	-239.2
Total civil R&D expenditure		14,711.4	14,986.5	16,230.0	21,862.0	24,426.1
14.	Defence	1,465.4	1,266.6	990.5	1,153.6	944.9
Total		16,176.8	16,253.0	17,220.5	23,015.6	25,371.0

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R&D expenditure of the Federal Government and the Länder, by research objectives¹

		Budget appropriations in Millions of €				
Research objective		2014	2015	2016	2017	2018 ²
1.	Exploration and exploitation of the earth	442.9	466.6	478.0	516.1	491.4
2.	Environment	761.6	769.9	758.5	845.3	867.8
3.	Exploration and exploitation of space	1,189.8	1,333.5	1,388.1	1,385.5	1,518.2
4.	Transport, telecommunications and other infrastructures	376.7	380.4	427.7	509.3	483.8
5.	Energy	1,323.4	1,260.4	1,282.2	1,439.7	1,556.0
6.	Industrial production and technology	3,025.7	3,157.8	3,338.7	3,447.5	3,900.9
7.	Health	1,342.1	1,384.6	1,415.0	1,502.8	1,620.8
8.	Agriculture	728.2	812.9	831.6	880.4	888.9
9.	Education	308.2	387.3	358.1	441.9	474.6
10.	Culture, recreation, religion and mass media	287.9	303.1	345.8	345.6	336.2
11.	Political and social systems, structures and processes	484.4	508.9	449.6	552.0	583.6
9.-11.	Total of education, culture, recreation, religion, mass media, political and social systems, structures and processes	1,080.5	1,199.3	1,153.4	1,339.5	1,394.4
12.	General advancement of knowledge: R&D financed from General University Funds (GUF)	10,249.1	10,719.3	11,934.9	12,288.8	12,301.0
13.	General advancement of knowledge: R&D financed from other sources than GUF ³	4,366.9	4,625.3	4,680.2	4,833.6	4,994.6
	Non-apportionable funds ⁴	-346.3	-404.2	-	-	-
	Total civil R&D expenditure	24,540.8	25,705.9	27,688.2	28,988.6	30,017.7
14.	Defence	977.4	827.0	759.7	1,152.7	1,019.7
	Total	25,518.2	26,532.8	28,448.0	30,141.3	31,037.4

¹ In keeping with the nomenclature for the analysis and comparison of scientific programmes and budgets (NABS) - edition 2007. For comparative purposes the data up to 2005 has been allocated to NABS 2007. 2010, including "Investment and redemption fund" (Investitions- und Tilgungsfonds) (economic stimulus package - Konjunkturpaket II). As of 2013, on the part of the Federal Government including "Energy and climate fund" (Energie- und Klimafonds) and in 2016, including future investments.

² Provisional figures.

³ Until 2005, including other civil expenditure.

⁴ Global reduction in the expenditure of the Federal Ministry of Education and Research (BMBF) which cannot be assigned to research objectives 1 to 13 until ACTUAL figures are available. As of 2016, proportional distribution of this expenditure.

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This table also appears in the Federal Report on Research and Innovation as Table 16.

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

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<https://www.govdata.de/dl-de/by-2-0>