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Federal Government expenditure on science, research and development, by types of funding¹

Millions of €						
Type of funding	ACTUAL					
	2014		2015		2016	
	Total	Of which, R&D	Total	Of which, R&D	Total	Of which, R&D
1. Project funding and departmental research	9,011.2	6,359.7	9,195.1	6,677.3	9,841.1	6,875.2
1.1 Direct project funding and departmental research ²	8,190.5	5,542.1	8,290.4	5,772.7	8,899.1	5,933.2
1.2 Indirect research and innovation funding ³	820.7	817.6	904.7	904.7	942.0	942.0
2. Basic funding of institutions including federal institutions with research and development tasks	7,701.5	6,538.3	8,128.2	6,929.1	8,659.7	7,266.9
2.1 Research and science funding organisations	2,444.9	2,422.3	2,557.0	2,534.1	2,864.3	2,695.3
2.2 Helmholtz Association of German Research Centres (HGF)	2,455.0	2,455.0	2,673.2	2,673.2	2,727.6	2,727.6
2.3 Leibniz Association (WGL) ⁴	547.5	533.6	574.8	561.3	611.8	597.5
2.4 Other non-profit organisations	390.7	204.0	424.0	223.8	518.4	280.3
2.5 Federal institutions with research and development tasks and other federal institutes	1,863.5	923.3	1,899.3	936.7	1,937.6	966.3
3. University-related funding⁵	1,149.8	321.5	1,154.5	323.2	1,150.5	324.8
4. Contributions and subsidies to international scientific organisations and intergovernmental institutions⁶	1,016.6	969.1	1,132.0	1,081.9	1,212.6	1,148.4
5. Global reduced expenditure of the BMBF (share for science and R&D)⁷	0.0	0.0	0.0	0.0	0.0	0.0
Total expenditure	18,879.1	14,188.7	19,609.8	15,011.6	20,863.9	15,615.4
For Information:						
Direct project funding and departmental research ^{2,8}	8,190.5	5,542.1	8,290.4	5,772.7	8,899.1	5,933.2
Of which:						
Federal Ministry for Economic Affairs and Energy	865.8	848.6	900.6	889.0	928.6	913.2
Federal Ministry of Defence	728.0	728.0	736.0	736.0	712.3	712.3
Federal Ministry of Education and Research	5,506.3	2,965.4	5,554.7	3,145.5	6,250.5	3,400.4

■ Table 1.1.7 2 / 2

Federal Government expenditure on science, research and development, by types of funding¹

Type of funding	Millions of €					
	ACTUAL		TARGET			
	2017		2018		2019	
	Total	Of which, R&D	Total	Of which, R&D	Total	Of which, R&D
1. Project funding and departmental research	10,865.9	7,412.4	11,974.8	8,765.0	13,220.2	9,871.8
1.1 Direct project funding and departmental research ²	9,943.5	6,490.0	11,018.3	7,808.4	12,222.5	8,874.1
1.2 Indirect research and innovation funding ³	922.4	922.4	956.5	956.5	997.7	997.7
2. Basic funding of institutions including federal institutions with research and development tasks	9,235.3	7,757.3	9,514.6	8,060.2	9,994.4	8,468.1
2.1 Research and science funding organisations	3,084.7	2,899.2	3,213.5	3,029.2	3,382.9	3,198.4
2.2 Helmholtz Association of German Research Centres (HGF)	2,901.2	2,901.2	3,014.8	3,014.8	3,155.0	3,155.0
2.3 Leibniz Association (WGL) ⁴	654.0	638.8	689.8	673.5	729.2	712.2
2.4 Other non-profit organisations	578.4	303.4	612.8	326.8	651.9	352.7
2.5 Federal institutions with research and development tasks and other federal institutes	2,016.9	1,014.6	1,983.7	1,015.9	2,075.4	1,049.8
3. University-related funding⁵	1,193.2	331.2	1,231.6	337.2	1,252.8	355.8
4. Contributions and subsidies to international scientific organisations and intergovernmental institutions⁶	1,182.6	1,121.9	1,296.4	1,237.7	1,318.5	1,259.5
5. Global reduced expenditure of the BMBF (share for science and R&D)⁷	0.0	0.0	-302.5	-302.5	-367.3	-367.3
Total expenditure	22,476.9	16,622.8	23,715.0	18,097.6	25,418.6	19,587.8
For Information:						
Direct project funding and departmental research ^{2,8}	9,943.5	6,490.0	11,018.3	7,808.4	12,222.5	8,874.1
Of which:						
Federal Ministry for Economic Affairs and Energy	1,085.6	1,064.7	1,533.1	1,503.5	1,883.6	1,853.0
Federal Ministry of Defence	975.1	975.1	896.4	896.4	1,351.0	1,351.0
Federal Ministry of Education and Research	6,806.4	3,503.0	6,818.7	3,869.5	7,234.0	4,161.4

1 Including "Energy and climate fund". Research funding in the area of electro mobility is financed by the "Energy and climate fund". 2016, including future investments. Possible rounding differences.

2 Including expenditure on orders for departmental and defence research and development. Excluding basic funding of federal institutions with research and development tasks.

3 Excluding tax measures (grants, special depreciations).

4 Including state/Land-owned institutions jointly funded by the Federal Government and the Länder.

5 Including universities of the federal armed forces and the Federal University of Applied Administrative Sciences.

6 Located in Germany and abroad.

7 ACTUAL figures are needed to break down the BMBF's global reduced expenditure by types of funding.

8 The departments' scopes of responsibilities and their names correspond to the organisational division of the 19th legislative period's Federal Government.

Last update: April 2019

This table also appears in the Federal Report on Research and Innovation as Table 8.

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

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