

■ Table 1.1.8 1 / 2

Federal Government expenditure on science, research and development, by recipient groups¹

Millions of €				
Recipient group	ACTUAL			
	2017		2018	
	Total	Of which, R&D	Total	Of which, R&D
1. Territorial authorities	8,071.3	3,349.5	7,556.1	3,437.5
1.1 Federal Government	2,555.2	1,284.7	2,584.6	1,301.6
1.1.1 Federal institutions with research and development tasks	2,198.1	1,154.0	2,220.7	1,189.6
1.1.2 Other institutions of Federal administration ²	357.1	130.7	363.9	112.0
1.2 Länder and communities	5,516.1	2,064.8	4,971.5	2,136.0
1.2.1 Länder institutions with research and development tasks	136.7	127.8	142.6	132.8
1.2.2 Universities and university hospitals ³	4,545.6	1,834.4	3,969.4	1,878.7
1.2.3 Other institutions of the Länder	749.1	41.2	762.8	51.6
1.2.4 Communities, local authority and special-purpose associations	84.8	61.4	96.7	72.9
2. Privat non-profit organisations⁴	9,931.9	9,201.4	10,450.2	9,581.6
2.1 Research and science organisations (e.g. MPG, FhG), of which: ⁵	8,235.8	7,805.1	8,668.6	8,125.0
German Research Foundation (DFG)	2,096.9	2,096.3	2,213.4	2,212.9
Helmholtz Association of German Research Centres (HGF)	3,431.3	3,396.2	3,586.6	3,552.3
2.2 Other non-profit science organisations	1,516.7	1,273.2	1,584.3	1,309.9
2.3 Other non-profit organisations	179.4	123.1	197.3	146.7
3. Business enterprise sector⁶	2,931.5	2,608.6	3,023.6	2,665.3
3.1 Business enterprises	1,951.3	1,686.8	1,948.2	1,651.6
3.2 Services if rendered by companies and the professions	980.2	921.8	1,075.4	1,013.7
4. Abroad	1,543.7	1,467.3	1,640.7	1,566.9
4.1 Payments to business enterprises abroad	111.6	97.0	116.9	102.0
4.2 Contributions to international organisations and other payments to recipients abroad	1,432.1	1,370.3	1,523.8	1,464.9
5. Cross-group positions	5.1	2.6	1.1	-1.4
Total expenditure	22,483.6	16,629.4	22,671.7	17,250.0
For information:				
Business enterprise sector ⁶	2,931.5	2,608.6	3,023.6	2,665.3
Of which:				
Federal Ministry for Economic Affairs and Energy (BMWi)	1,122.9	1,117.3	1,100.9	1,093.9
Federal Ministry of Defence (BMVg)	562.2	562.2	478.5	478.5
Federal Ministry of Education and Research (BMBF)	880.0	601.6	980.6	677.9

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Federal Government expenditure on science, research and development, by recipient groups¹

Millions of €				
Recipient group	ACTUAL			
	2019		2020	
	Total	Of which, R&D	Total	Of which, R&D
1. Territorial authorities	7,929.3	3,682.0	7,707.6	4,130.4
1.1 Federal Government	2,784.9	1,409.2	2,969.1	1,534.7
1.1.1 Federal institutions with research and development tasks	2,406.9	1,281.1	2,550.9	1,380.2
1.1.2 Other institutions of Federal administration ²	378.0	128.1	418.2	154.6
1.2 Länder and communities	5,144.4	2,272.8	4,738.5	2,595.7
1.2.1 Länder institutions with research and development tasks	162.1	151.0	169.4	156.2
1.2.2 Universities and university hospitals ³	4,135.0	2,006.6	4,317.7	2,214.9
1.2.3 Other institutions of the Länder	768.3	63.6	141.6	134.6
1.2.4 Communities, local authority and special-purpose associations	79.0	51.5	109.7	90.0
2. Privat non-profit organisations⁴	10,903.9	10,089.1	11,529.4	10,704.6
2.1 Research and science organisations (e.g. MPG, FhG), of which: ⁵	9,013.2	8,551.5	9,573.7	9,105.6
German Research Foundation (DFG)	2,365.1	2,364.7	2,331.6	2,331.1
Helmholtz Association of German Research Centres (HGF)	3,671.4	3,635.9	3,868.9	3,829.9
2.2 Other non-profit science organisations	1,680.9	1,390.4	1,744.3	1,455.5
2.3 Other non-profit organisations	209.9	147.2	211.4	143.6
3. Business enterprise sector⁶	3,629.6	3,281.0	4,206.8	3,815.5
3.1 Business enterprises	2,435.2	2,153.2	2,945.8	2,630.2
3.2 Services if rendered by companies and the professions	1,194.4	1,127.8	1,261.1	1,185.3
4. Abroad	1,768.0	1,690.1	2,102.4	2,024.0
4.1 Payments to business enterprises abroad	164.5	147.3	236.5	219.0
4.2 Contributions to international organisations and other payments to recipients abroad	1,603.5	1,542.8	1,865.9	1,805.0
5. Cross-group positions	9.6	6.0	13.0	7.3
Total expenditure	24,240.4	18,748.1	25,559.2	20,681.9
For information:				
Business enterprise sector ⁶	3,629.6	3,281.0	4,206.8	3,815.5
Of which:				
Federal Ministry for Economic Affairs and Energy (BMWi)	1,504.3	1,496.4	1,428.7	1,424.7
Federal Ministry of Defence (BMVg)	662.9	662.9	736.9	736.9
Federal Ministry of Education and Research (BMBF)	1,028.5	714.2	1,537.2	1,194.6

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

2 Including Federal Armed Forces universities.

3 Not including basic funding for DFG and funding for collaborative research centres.

4 Not including funding of international organisations abroad.

5 Including basic funding for DFG and funding for collaborative research centres.

6 Including funding to promote contract research; differentiation in keeping with the classification of economic activities; not including funding for business enterprises abroad.

Last update: September 9, 2021

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>