■ **Table 1.1.8 1 / 2**

Federal Government expenditure on science, research and development, by recipient groups [1]

Millions of €

Recipient group		ACTUAL			
		2021		2022	
		Total	Of which, R&D	Total	Of which, R&D
1.	**Territorial authorities**	8,350.4	4,777.9	8,867.8	5,242.7
1.1	Federal Government	3,128.9	1,647.7	3,377.0	1,882.9
1.1.1	Federal institutions with research and development tasks	2,645.4	1,455.1	2,842.9	1,527.0
1.1.2	Other institutions of Federal administration [2]	483.5	192.6	534.1	355.9
1.2	Länder and communities	5,221.5	3,130.1	5,490.8	3,359.8
1.2.1	Länder institutions with research and development tasks	217.5	203.3	214.8	201.8
1.2.2	Universities and university hospitals [3]	4,782.1	2,720.3	5,012.3	2,913.6
1.2.3	Other institutions of the Länder	144.7	138.3	160.2	151.9
1.2.4	Communities, local authority and special-purpose associations	77.1	68.2	103.5	92.5
2.	**Private non-profit organisations [4]**	12,277.4	11,337.8	12,818.2	11,827.4
2.1	Research and science organisations (e.g. MPG, FhG), of which: [5]	10,129.1	9,568.6	10,584.9	10,008.2
	German Research Foundation (DFG)	2,370.1	2,369.5	2,444.8	2,444.4
	Helmholtz Association of German Research Centres (HGF)	4,232.8	4,188.5	4,380.8	4,332.5
2.2	Other non-profit science organisations	1,873.5	1,583.0	1,934.5	1,592.8
2.3	Other non-profit organisations	274.8	186.2	298.8	226.4
3.	**Business enterprise sector [6]**	4,088.5	3,715.0	4,195.9	3,789.9
3.1	Business enterprises	2,580.8	2,271.7	2,333.6	1,999.3
3.2	Services if rendered by companies and the professions	1,507.8	1,443.3	1,862.3	1,790.6
4.	**Abroad**	1,991.6	1,891.1	2,617.9	2,517.7
4.1	Payments to business enterprises abroad	144.0	127.6	96.5	78.8
4.2	Contributions to international organisations and other payments to recipients abroad	1,847.7	1,763.5	2,521.4	2,438.9
5.	**Cross-group positions**	10.9	7.1	12.2	7.7
Total expenditure		**26,718.8**	**21,728.9**	**28,512.1**	**23,385.4**
	For information:				
	Business enterprise sector [6 7]	4,088.5	3,715.0	4,195.9	3,789.9
	Of which:				
	Federal Ministry for Economic Affairs and Energy	1,067.0	1,060.7	1,121.8	1,110.1
	Federal Ministry of Defence	841.9	841.9	730.1	730.1
	Federal Ministry of Research, Technology and Space	1,448.0	1,108.5	1,500.8	1,135.9

■ **Table 1.1.8 2 / 2**

Federal Government expenditure on science, research and development, by recipient groups [1]

Millions of €

Recipient group		ACTUAL			
		2023		2024	
		Total	Of which, R&D	Total	Of which, R&D
1.	**Territorial authorities**	9,691.5	5,918.7	10,289.2	6,312.9
1.1	Federal Government	3,714.0	2,136.1	4,317.2	2,660.9
1.1.1	Federal institutions with research and development tasks	2,990.5	1,608.9	3,499.7	2,041.0
1.1.2	Other institutions of Federal administration [2]	723.5	527.2	817.5	620.0
1.2	Länder and communities	5,977.5	3,782.6	5,972.0	3,651.9
1.2.1	Länder institutions with research and development tasks	229.1	216.3	208.0	194.7
1.2.2	Universities and university hospitals [3]	5,125.6	2,965.6	5,155.4	2,867.5
1.2.3	Other institutions of the Länder	521.0	511.5	540.5	532.9
1.2.4	Communities, local authority and special-purpose associations	101.8	89.2	68.2	56.8
2.	**Private non-profit organisations [4]**	12,922.6	11,946.9	12,822.3	11,797.4
2.1	Research and science organisations (e.g. MPG, FhG), of which: [5]	10,626.2	10,037.4	10,459.1	9,840.3
	German Research Foundation (DFG)	2,482.0	2,481.9	2,544.8	2,544.8
	Helmholtz Association of German Research Centres (HGF)	4,305.9	4,250.8	4,029.3	3,978.1
2.2	Other non-profit science organisations	1,959.2	1,646.5	1,794.5	1,613.6
2.3	Other non-profit organisations	337.2	263.0	568.8	343.5
3.	**Business enterprise sector [6]**	4,538.0	4,110.0	5,406.2	4,948.8
3.1	Business enterprises	2,508.5	2,155.8	2,896.1	2,517.9
3.2	Services if rendered by companies and the professions	2,029.6	1,954.3	2,510.1	2,430.9
4.	**Abroad**	2,214.8	2,114.2	3,108.5	3,005.8
4.1	Payments to business enterprises abroad	111.5	91.2	125.0	99.1
4.2	Contributions to international organisations and other payments to recipients abroad	2,103.3	2,023.0	2,983.5	2,906.7
5.	**Cross-group positions**	25.0	21.2	10.0	7.3
Total expenditure		**29,392.0**	**24,111.1**	**31,636.3**	**26,072.2**
	For information:				
	Business enterprise sector [6 7]	4,538.0	4,110.0	5,406.2	4,948.8
	Of which:				
	Federal Ministry for Economic Affairs and Energy	1,095.0	1,082.1	1,206.6	1,193.2
	Federal Ministry of Defence	598.5	598.5	752.1	752.1
	Federal Ministry of Research, Technology and Space	1,681.4	1,294.0	1,758.9	1,344.1

1 Until 2022, including “Energy and Climate Fund”; as of 2023, including “Climate and Transformation Fund”. Possible deviations from earlier publications due to subsequent changes in the allocation to R&D or subsequent changes in the allocation to the recipient groups. 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. Without funds for the Leibniz Association. Depending on the classification of the institution, they are assigned to either the Other non-profit science organisations or to the Länder institutions with research and development tasks.

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

7 The departments' scopes of responsibilities and their names correspond to the organisational division of the 21st legislative period's Federal Government. To ensure comparability between individual years, expenditures were retrospectively adjusted or implemented to reflect the current organisational division when there were changes in the allocation of responsibilities between government departments.

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Source: Federal Ministry of Research, Technology and Space, special evaluation

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