

■ Table 1.2.1 1 / 2

Regional distribution of Federal Government's R&D expenditure¹²

Financing of R&D						
Federal Land	ACTUAL					
	2018		2019		2020	
	Millions of €	In %	Millions of €	In %	Millions of €	In %
Baden-Württemberg	2,386.2	15.2	2,705.3	15.9	2,862.1	15.3
Bavaria	2,121.2	13.5	2,450.5	14.4	2,691.7	14.4
Berlin	1,773.1	11.3	1,843.8	10.8	1,979.4	10.6
Brandenburg	435.0	2.8	456.1	2.7	506.1	2.7
Bremen	400.9	2.6	444.8	2.6	452.1	2.4
Hamburg	665.9	4.2	679.6	4.0	746.0	4.0
Hesse	987.7	6.3	952.3	5.6	1,010.1	5.4
Mecklenburg-Western Pomerania	325.7	2.1	337.0	2.0	351.9	1.9
Lower Saxony	1,171.4	7.5	1,286.4	7.5	1,401.5	7.5
North Rhine-Westphalia	2,940.3	18.7	3,103.2	18.2	3,306.1	17.7
Rhineland-Palatinate	322.2	2.1	319.9	1.9	702.2	3.8
Saarland	123.0	0.8	151.2	0.9	149.3	0.8
Saxony	969.5	6.2	1,196.2	7.0	1,298.7	7.0
Saxony-Anhalt	277.1	1.8	309.7	1.8	334.1	1.8
Schleswig-Holstein	461.3	2.9	441.8	2.6	496.6	2.7
Thuringia	326.1	2.1	375.8	2.2	382.3	2.0
Total for all Länder	15,686.5	100.0	17,053.5	100.0	18,670.4	100.0
Abroad ³	1,564.7	9.1	1,686.9	9.0	2,004.5	9.7
Total⁴	17,251.2	100.0	18,740.3	100.0	20,674.9	100.0

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Regional distribution of Federal Government's R&D expenditure^{1,2}

Financing of R&D						
Federal Land	ACTUAL					
	2021		2022		2023	
	Millions of €	In %	Millions of €	In %	Millions of €	In %
Baden-Württemberg	2,895.1	14.6	3,028.4	14.5	3,123.9	14.3
Bavaria	3,019.3	15.2	3,057.2	14.7	3,113.1	14.2
Berlin	2,180.8	11.0	2,225.7	10.7	2,401.8	11.0
Brandenburg	560.1	2.8	564.3	2.7	656.8	3.0
Bremen	434.8	2.2	449.9	2.2	468.0	2.1
Hamburg	875.8	4.4	1,082.1	5.2	1,093.8	5.0
Hesse	1,230.8	6.2	1,328.1	6.4	1,374.0	6.3
Mecklenburg-Western Pomerania	360.5	1.8	359.0	1.7	349.2	1.6
Lower Saxony	1,497.7	7.6	1,556.8	7.5	1,708.9	7.8
North Rhine-Westphalia	3,627.7	18.3	3,868.4	18.6	4,077.2	18.6
Rhineland-Palatinate	416.2	2.1	436.8	2.1	442.0	2.0
Saarland	171.9	0.9	187.7	0.9	197.7	0.9
Saxony	1,205.2	6.1	1,371.5	6.6	1,504.4	6.9
Saxony-Anhalt	326.8	1.6	332.3	1.6	374.7	1.7
Schleswig-Holstein	578.4	2.9	564.9	2.7	577.8	2.6
Thuringia	432.8	2.2	430.0	2.1	429.1	2.0
Total for all Länder	19,814.0	100.0	20,843.0	100.0	21,892.3	100.0
Abroad ³	1,912.1	8.8	2,538.7	10.9	2,216.7	9.2
Total⁴	21,726.0	100.0	23,381.7	100.0	24,108.9	100.0

1 The regional breakdown of federal R&D expenditure is based (in most cases) on the main locations of the R&D-performing institutions concerned. In the case of jointly funded research by the Federal Government and the Länder, and in compliance with their agreement on research funding, R&D expenditure has been broken down in accordance with the requirements of the funded institutions. R&D expenditure of the Federal institutions with research and development tasks has been broken down in accordance with the locations of the institutions' headquarters and main branch offices (i.e. offices that are virtually institutions in their own right). The regional breakdown does not reflect the regional impacts of sub-contracts in which funding has been transferred across Länder boundaries. Possible deviations from earlier publications due to subsequent changes in the allocation to R&D or subsequent changes in the allocation to the federal Länder are possible.

2 Until 2022, including "Energy and climate fund"; as of 2023, including "Climate and transformation fund".

3 Slight differences with regard to Table 1.1.8 result from use of more deeply differentiated data for the regional breakdown.

4 Differences with regard to Table 1.1.4 are due to funds that cannot be broken down.

Last update: November 21, 2024

This table also appears in the Federal Report on Research and Innovation as Table 14.

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

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