

■ Table 1.2.1 1 / 2

Regional distribution of Federal Government's R&D expenditure¹²

Financing of R&D						
Federal Land	ACTUAL					
	1991		2018		2019	
	Millions of €	in %	Millions of €	in %	Millions of €	in %
Baden-Württemberg	1,158.1	15.1	2,386.2	15.2	2,705.3	15.9
Bavaria	1,847.1	24.2	2,121.2	13.5	2,450.5	14.4
Berlin	703.8	9.2	1,773.1	11.3	1,843.8	10.8
Brandenburg	93.0	1.2	435.0	2.8	456.1	2.7
Bremen	201.7	2.6	400.9	2.6	444.8	2.6
Hamburg	393.6	5.1	665.9	4.2	679.6	4.0
Hesse	361.6	4.7	987.7	6.3	952.3	5.6
Mecklenburg-Western Pomerania	50.2	0.7	325.7	2.1	337.0	2.0
Lower Saxony	662.6	8.7	1,171.4	7.5	1,286.4	7.5
North Rhine-Westphalia	1,423.5	18.6	2,940.3	18.7	3,103.2	18.2
Rhineland-Palatinate	139.5	1.8	322.2	2.1	319.9	1.9
Saarland	34.6	0.5	123.0	0.8	151.2	0.9
Saxony	217.5	2.8	969.5	6.2	1,196.2	7.0
Saxony-Anhalt	76.2	1.0	277.1	1.8	309.7	1.8
Schleswig-Holstein	213.4	2.8	461.3	2.9	441.8	2.6
Thuringia	68.8	0.9	326.1	2.1	375.8	2.2
Total for all Länder	7,645.1	100.0	15,686.5	100.0	17,053.5	100.0
Of which,						
Eastern German Länder and Berlin ³	1,209.5	15.8	4,106.4	26.2	4,518.5	26.5
Abroad ⁴	986.5	11.4	1,564.7	9.1	1,686.9	9.0
Total⁵	8,631.6	100.0	17,251.2	100.0	18,740.3	100.0

■ Table 1.2.1 2 / 2

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

Financing of R&D						
Federal Land	ACTUAL					
	2020		2021		2022	
	Millions of €	in %	Millions of €	in %	Millions of €	in %
Baden-Württemberg	2,862.1	15.3	2,895.1	14.6	3,028.4	14.5
Bavaria	2,691.7	14.4	3,019.3	15.2	3,057.2	14.7
Berlin	1,979.4	10.6	2,180.8	11.0	2,225.7	10.7
Brandenburg	506.1	2.7	560.1	2.8	564.3	2.7
Bremen	452.1	2.4	434.8	2.2	449.9	2.2
Hamburg	746.0	4.0	875.8	4.4	1,082.1	5.2
Hesse	1,010.1	5.4	1,230.8	6.2	1,328.1	6.4
Mecklenburg-Western Pomerania	351.9	1.9	360.5	1.8	359.0	1.7
Lower Saxony	1,401.5	7.5	1,497.7	7.6	1,556.8	7.5
North Rhine-Westphalia	3,306.1	17.7	3,627.7	18.3	3,868.4	18.6
Rhineland-Palatinate	702.2	3.8	416.2	2.1	436.8	2.1
Saarland	149.3	0.8	171.9	0.9	187.7	0.9
Saxony	1,298.7	7.0	1,205.2	6.1	1,371.5	6.6
Saxony-Anhalt	334.1	1.8	326.8	1.6	332.3	1.6
Schleswig-Holstein	496.6	2.7	578.4	2.9	564.9	2.7
Thuringia	382.3	2.0	432.8	2.2	430.0	2.1
Total for all Länder	18,670.4	100.0	19,814.0	100.0	20,843.0	100.0
Of which,						
Eastern German Länder and Berlin ³	4,852.6	26.0	5,066.2	25.6	5,282.9	25.3
Abroad ⁴	2,004.5	9.7	1,912.1	8.8	2,538.7	10.9
Total⁵	20,674.9	100.0	21,726.0	100.0	23,381.7	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 As of 2018, including "Energy and climate fund".

3 Does not include project funding that was channelled to the new Länder (including Berlin), via a recipient in western Germany (not including Berlin).

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

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

Last update: November 14, 2023

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

This work is licensed under a Data licence Germany attribution 2.0.

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