

■ Table 1.1.3

Regional distribution¹ of R&D expenditure in the Federal Republic of Germany

Federal Land	Implementation of R&D									
	Total R&D expenditure									
	2019		2020		2021		2022		2023	
	Millions of €	In %	Millions of €	In %	Millions of €	In %	Millions of €	In %	Millions of €	In %
Baden-Württemberg	30,275	27.5	28,758	27.0	30,374	26.9	32,526	26.8	36,092	27.4
Bavaria	21,706	19.7	21,000	19.7	22,560	19.9	24,388	20.1	26,406	20.0
Berlin	5,237	4.8	5,135	4.8	5,537	4.9	5,771	4.8	6,079	4.6
Brandenburg	1,358	1.2	1,379	1.3	1,387	1.2	1,495	1.2	1,426	1.1
Bremen	1,006	0.9	1,196	1.1	1,117	1.0	1,183	1.0	1,145	0.9
Hamburg	2,699	2.5	2,651	2.5	2,822	2.5	3,089	2.5	4,072	3.1
Hesse	9,131	8.3	8,744	8.2	9,373	8.3	10,105	8.3	10,684	8.1
Mecklenburg-Western Pomerania	846	0.8	842	0.8	882	0.8	942	0.8	808	0.6
Lower Saxony	9,636	8.8	9,238	8.7	8,597	7.6	9,153	7.5	10,102	7.7
North Rhine-Westphalia	15,528	14.1	15,237	14.3	16,386	14.5	17,628	14.5	19,386	14.7
Rhineland-Palatinate	3,831	3.5	3,666	3.4	4,509	4.0	4,826	4.0	6,434	4.9
Saarland	674	0.6	662	0.6	706	0.6	745	0.6	688	0.5
Saxony	3,864	3.5	3,852	3.6	4,175	3.7	4,412	3.6	3,569	2.7
Saxony -Anhalt	990	0.9	999	0.9	1,083	1.0	1,176	1.0	1,135	0.9
Schleswig-Holstein	1,657	1.5	1,601	1.5	1,756	1.6	1,913	1.6	1,870	1.4
Thuringia	1,489	1.4	1,529	1.4	1,822	1.6	1,960	1.6	1,993	1.5
Total for all Länder	109,928	100.0	106,489	100.0	113,086	100.0	121,312	100.0	131,889	100.0
German institutions based abroad	97	-	94	-	98	-	109	-	119	-
Total	110,025	-	106,583	-	113,184	-	121,421	-	132,008	-

¹ Estimated in some cases. In even-numbered years, allocation to the federal states on a percentage basis according to the shares from the previous year.

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This table also appears in the Federal Report on Research and Innovation as Table 13.

Source: Federal Statistical Office (special evaluation, GENESIS-Online database - 21821 Reports on research and development)

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