

TABLE 22

State government R&D intramural personnel, by state, headcount, and full-time equivalent: FY 2022

(Number)

State	R&D personnel headcount				R&D personnel (full-time equivalent)			
	Total	Researchers ^a	Technicians	Support staff	Total	Researchers ^a	Technicians	Support staff
United States ^b	9,444	4,962	3,128	1,354	6,056.1	3,402.8	1,765.9	887.4
Alabama	103	60	28	15	77.2	58.0	9.4	9.8
Alaska	94	58	21	15	77.7	51.5	17.5	8.7
Arizona	40	21	14	5	34.3	17.5	12.0	4.8
Arkansas	10	6	1	3	4.1	3.0	0.3	0.8
California	630	458	41	131	561.3	412.3	31.0	118.0
Colorado	107	64	37	6	49.1	41.3	6.3	1.5
Connecticut	261	173	34	54	154.4	108.6	30.0	15.8
Delaware	16	10	3	3	16.0	10.0	3.0	3.0
District of Columbia	29	7	10	12	14.7	6.2	4.5	4.0
Florida	874	667	73	134	626.2	494.3	35.3	96.6
Georgia	11	7	1	3	8.6	5.7	1.0	1.9
Hawaii	12	5	1	6	4.9	1.5	0.2	3.2
Idaho	87	28	54	5	69.7	20.2	45.6	3.9
Illinois	8	4	2	2	5.6	3.3	1.5	0.8
Indiana	46	22	17	7	16.9	11.5	4.0	1.4
Iowa	43	28	14	1	26.9	15.9	10.3	0.7
Kansas	25	16	4	5	19.1	11.1	4.0	4.0
Kentucky	222	124	92	6	15.3	11.5	3.5	0.3
Louisiana	240	128	69	43	101.3	62.9	28.8	9.6
Maine	173	73	52	48	149.6	58.9	49.0	41.7
Maryland	42	23	13	6	30.3	17.0	9.3	4.0
Massachusetts	86	37	41	8	16.0	9.7	4.7	1.6
Michigan	7	2	4	1	0.7	0.5	0.0	0.2
Minnesota	82	50	23	9	60.9	42.0	12.9	6.0
Mississippi	136	40	85	11	38.9	13.9	21.6	3.4
Missouri	228	77	143	8	113.0	60.0	51.0	2.0
Montana	102	27	68	7	15.3	4.6	5.7	5.0
Nebraska	45	22	22	1	33.7	21.5	11.2	1.0
Nevada	3	1	2	0	1.5	0.5	1.0	0.0
New Hampshire	16	2	3	11	2.2	2.0	0.1	0.1
New Jersey	54	48	2	4	23.5	19.0	1.5	3.0
New Mexico	27	15	6	6	11.1	7.0	1.8	2.3
New York	3,102	1,438	1,252	412	2,308.1	1,023.6	914.7	369.8
North Carolina	208	98	78	32	171.3	77.3	69.0	25.0
North Dakota	11	10	1	0	4.8	4.5	0.3	0.0
Ohio	32	16	11	5	9.6	6.5	2.7	0.4
Oklahoma	59	25	28	6	18.2	10.0	5.9	2.3
Oregon	278	99	156	23	147.1	73.9	64.5	8.7
Pennsylvania	176	85	84	7	112.0	48.4	57.0	6.6
Rhode Island	48	41	2	5	35.5	30.0	1.0	4.5
South Carolina	437	210	143	84	250.4	143.3	77.0	30.1
South Dakota	6	5	0	1	4.5	4.0	0.0	0.5
Tennessee	7	6	0	1	7.0	6.0	0.0	1.0
Texas	56	39	6	11	37.1	25.3	6.0	5.8
Utah	80	47	22	11	38.8	29.6	7.2	2.0
Vermont	30	9	17	4	6.3	1.6	4.1	0.6
Virginia	154	82	39	33	113.7	70.1	25.3	18.3
Washington	640	352	173	115	270.7	173.2	62.0	35.5
West Virginia	115	47	49	19	80.2	40.0	32.0	8.2

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	Total	Researchers ^a	Technicians	Support staff	Total	Researchers ^a	Technicians	Support staff
Wisconsin	105	34	66	5	25.2	19.6	0.6	5.0
Wyoming	41	16	21	4	35.6	13.0	18.6	4.0
Puerto Rico ^c	153	31	75	47	115.4	24.7	58.3	32.4

^a Researchers include R&D scientists and engineers and their managers.

^b U.S. total reflects all 50 states and the District of Columbia.

^c Puerto Rico is not included in U.S. total due to its classification as a U.S. territory.

Source(s):

National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2022.