

TABLE 22

State government R&D intramural personnel, by state, headcount, and full-time equivalent: FY 2021

(Number)

State	R&D personnel headcount				R&D personnel full-time equivalents			
	Total	Researchers ^a	Technicians	Support staff	Total	Researchers ^a	Technicians	Support staff
United States ^b	9,132	4,854	2,981	1,297	6,387.5	3,532.8	1,949.0	905.7
Alabama	154	105	33	16	85.0	62.3	12.3	10.4
Alaska	74	50	13	11	58.0	41.5	10.0	6.5
Arizona	45	24	14	7	39.4	20.5	12.0	6.9
Arkansas	11	7	2	2	3.0	2.6	0.2	0.2
California	571	446	13	112	464.6	377.7	6.3	80.6
Colorado	85	67	5	13	65.0	52.3	4.3	8.4
Connecticut	212	156	40	16	170.4	120.9	36.0	13.5
Delaware	18	13	2	3	18.0	13.0	2.0	3.0
District of Columbia	61	30	18	13	49.5	29.5	7.2	12.8
Florida	808	609	68	131	722.1	553.9	46.9	121.3
Georgia	14	5	5	4	7.7	3.0	2.9	1.8
Hawaii	15	7	2	6	5.9	2.3	0.4	3.2
Idaho	105	33	68	4	82.0	23.6	56.4	2.0
Illinois	9	5	2	2	6.4	3.8	1.8	0.8
Indiana	44	22	15	7	15.8	11.5	3.0	1.3
Iowa	40	22	18	0	8.3	6.7	1.6	0.0
Kansas	27	16	5	6	21.1	11.1	5.0	5.0
Kentucky	48	24	20	4	20.4	10.2	8.3	1.9
Louisiana	218	124	61	33	85.3	60.9	16.5	7.9
Maine	166	68	47	51	141.3	54.3	44.5	42.5
Maryland	23	16	6	1	18.0	13.0	3.0	2.0
Massachusetts	100	44	48	8	18.4	10.3	6.0	2.1
Michigan	6	4	1	1	1.6	1.0	0.2	0.4
Minnesota	104	60	23	21	89.0	54.9	16.2	17.9
Mississippi	141	39	90	12	43.0	15.4	22.3	5.3
Missouri	228	77	143	8	112.9	59.6	50.9	2.4
Montana	55	24	28	3	11.8	5.2	5.4	1.2
Nebraska	51	17	30	4	35.2	17.5	16.2	1.5
Nevada	3	1	2	0	1.5	0.5	0.0	1.0
New Hampshire	16	2	3	11	2.2	2.0	0.1	0.1
New Jersey	48	45	0	3	18.9	16.1	0.0	2.8
New Mexico	11	4	4	3	10.7	3.7	4.0	3.0
New York	2,942	1,347	1,184	411	2,335.9	1,028.3	937.1	370.5
North Carolina	240	108	100	32	205.9	89.9	90.0	26.0
North Dakota	16	15	1	0	7.7	7.4	0.3	0.0
Ohio	51	20	23	8	33.9	19.9	10.7	3.3
Oklahoma	54	36	13	5	20.2	12.1	5.5	2.6
Oregon	252	85	142	25	146.5	68.6	67.3	10.6
Pennsylvania	202	95	96	11	125.2	44.9	75.9	4.4
Rhode Island	79	59	10	10	57.5	45.0	4.5	8.0
South Carolina	365	190	138	37	286.2	170.2	85.6	30.4
South Dakota	14	7	0	7	8.5	7.0	0.0	1.5
Tennessee	19	15	0	4	16.3	14.3	0.0	2.0
Texas	59	40	5	14	36.3	23.7	6.0	6.6
Utah	72	49	12	11	40.8	31.8	7.0	2.0
Vermont	9	3	5	1	3.2	2.4	0.7	0.1
Virginia	182	103	46	33	131.6	85.5	31.1	15.0
Washington	629	372	147	110	233.5	143.0	58.0	32.5

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	Total	Researchers ^a	Technicians	Support staff	Total	Researchers ^a	Technicians	Support staff
West Virginia	122	44	55	23	84.0	44.0	30.0	10.0
Wisconsin	92	26	62	4	24.1	18.5	1.6	4.0
Wyoming	222	74	113	35	157.8	15.5	135.8	6.5

^a Researchers include R&D scientists and engineers and their managers.^b U.S. total reflects all 50 states and the District of Columbia.**Source(s):**

National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2021.