

TABLE 22

State government R&D intramural personnel, by state, headcount, and full-time equivalent: FY 2023

(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	9,924	5,396	3,162	1,366	6,322.4	3,673.7	1,763.6	885.1
Alabama	99	66	15	18	97.1	66.0	14.3	16.8
Alaska	90	54	21	15	71.3	46.5	16.1	8.7
Arizona	33	16	11	6	32.5	15.5	11.0	6.0
Arkansas	129	86	26	17	54.0	33.5	15.5	5.0
California	636	522	19	95	520.0	430.9	5.9	83.2
Colorado	99	61	35	3	59.2	48.1	9.8	1.3
Connecticut	269	182	36	51	167.7	119.4	34.0	14.3
Delaware	18	12	1	5	18.0	12.0	1.0	5.0
District of Columbia	31	9	10	12	21.5	7.0	7.5	7.0
Florida	864	658	62	144	800.3	618.2	73.5	108.6
Georgia	9	4	1	4	7.4	4.5	1.0	1.9
Hawaii	12	5	1	6	4.9	1.5	0.2	3.2
Idaho	83	28	51	4	67.0	22.1	42.6	2.3
Illinois	9	5	2	2	6.1	3.8	1.5	0.8
Indiana	110	50	42	18	64.4	37.0	19.0	8.4
Iowa	23	18	4	1	11.9	10.0	1.9	0.0
Kansas	28	16	6	6	22.1	11.1	6.0	5.0
Kentucky	242	136	100	6	16.5	12.4	3.8	0.3
Louisiana	303	165	94	44	105.4	78.5	17.0	9.9
Maine	182	122	44	16	111.7	60.0	38.2	13.5
Maryland	20	4	9	7	10.9	0.0	6.9	4.0
Massachusetts	55	27	20	8	19.5	12.7	4.2	2.6
Michigan	4	1	2	1	0.7	0.5	0.0	0.2
Minnesota	83	50	23	10	61.1	42.0	12.9	6.2
Mississippi	137	42	84	11	38.4	16.3	21.0	1.1
Missouri	218	77	133	8	103.0	60.0	41.0	2.0
Montana	65	28	29	8	13.9	4.9	6.7	2.3
Nebraska	9	1	8	0	1.2	1.0	0.2	0.0
Nevada	9	5	4	0	1.2	0.4	0.8	0.0
New Hampshire	15	1	3	11	1.2	1.0	0.1	0.1
New Jersey	48	43	1	4	19.4	15.8	0.5	3.1
New Mexico	55	35	4	16	10.0	5.0	0.5	4.5
New York	3,175	1,464	1,279	432	2,283.3	1,006.9	887.5	388.9
North Carolina	191	62	103	26	166.0	46.5	97.0	22.5
North Dakota	18	16	1	1	18.0	16.0	1.0	1.0
Ohio	30	19	9	2	11.8	8.7	2.8	0.3
Oklahoma	28	13	11	4	15.3	8.5	5.0	1.8
Oregon	306	108	171	27	168.1	75.4	79.7	13.0
Pennsylvania	152	78	64	10	120.2	56.3	56.8	7.1
Rhode Island	3	2	1	0	2.5	2.0	0.5	0.0
South Carolina	465	209	188	68	243.6	151.7	61.9	30.0
South Dakota	7	6	0	1	6.5	6.0	0.0	0.5
Tennessee	5	2	0	3	5.0	2.0	0.0	3.0
Texas	69	37	8	24	35.6	21.9	8.0	5.7
Utah	70	47	12	11	38.6	29.6	7.0	2.0
Vermont	24	7	15	2	7.7	1.1	5.6	1.0
Virginia	365	223	85	57	267.9	204.0	34.0	29.9
Washington	786	449	223	114	259.4	155.3	76.2	27.9
West Virginia	110	82	12	16	76.4	52.7	10.5	13.2

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	Total	Researchers ^a	Technicians	Support staff	Total	Researchers ^a	Technicians	Support staff
Wisconsin	93	26	62	5	22.7	17.5	0.2	5.0
Wyoming	40	17	17	6	34.3	14.0	15.3	5.0
Puerto Rico ^c	222	75	66	81	195.5	67.6	51.5	76.4

^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 2023.