Table 23. State government intramural R&D personnel, by state and full-time equivalent: FYs 2021–25

(Number)

State	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
United States[b]	6,364.1	3,529.2	1,904.2	930.7	6,050.9	3,398.7	1,764.9	887.3	6,310.9	3,681.2	1,748.6	881.1	6,426.3	3,732.6	1,796.1	897.6	6,109.9	3,597.0	1,692.4	820.5
Alabama	85.0	62.3	12.3	10.4	77.2	58.0	9.4	9.8	97.1	66.0	14.3	16.8	92.5	49.3	25.1	18.1	76.2	49.6	14.4	12.2
Alaska	58.0	41.5	10.0	6.5	77.7	51.5	17.5	8.7	71.3	46.5	16.1	8.7	76.0	50.9	16.9	8.2	76.3	52.0	16.2	8.1
Arizona	39.4	20.5	12.0	6.9	34.3	17.5	12.0	4.8	32.5	15.5	11.0	6.0	40.1	22.6	10.0	7.5	30.6	15.1	10.0	5.5
Arkansas	3.0	2.6	0.2	0.2	4.1	3.0	0.3	0.8	54.0	33.5	15.5	5.0	59.3	30.0	17.3	12.0	53.5	33.4	15.3	4.8
California	474.3	385.4	6.3	82.6	561.3	412.3	31.0	118.0	519.0	430.9	5.9	82.2	574.1	480.6	8.4	85.1	595.1	505.8	9.6	79.7
Colorado	65.0	52.3	4.3	8.4	43.9	36.1	6.3	1.5	59.2	48.1	9.8	1.3	66.0	54.5	10.2	1.3	74.4	65.5	3.0	5.9
Connecticut	170.4	120.9	36.0	13.5	154.4	108.6	30.0	15.8	167.7	119.4	34.0	14.3	182.8	130.1	37.0	15.7	191.7	141.5	34.0	16.2
Delaware	18.0	13.0	2.0	3.0	16.0	10.0	3.0	3.0	18.0	12.0	1.0	5.0	19.0	13.0	2.0	4.0	16.0	11.0	2.0	3.0
District of Columbia	49.0	29.0	7.2	12.8	14.7	6.2	4.5	4.0	21.5	7.0	7.5	7.0	17.1	8.5	6.1	2.5	25.8	15.1	7.0	3.7
Florida	722.1	553.9	46.9	121.3	626.2	494.3	35.3	96.6	785.3	618.2	58.5	108.6	791.8	627.0	45.2	119.6	737.1	596.5	34.7	105.9
Georgia	7.7	3.0	2.9	1.8	8.6	5.7	1.0	1.9	6.0	4.0	1.0	1.0	7.8	5.1	1.0	1.7	5.4	3.4	0.9	1.1
Hawaii	5.9	2.3	0.4	3.2	4.9	1.5	0.2	3.2	4.9	1.5	0.2	3.2	4.7	1.3	0.2	3.2	11.5	1.3	7.1	3.1
Idaho	82.0	23.6	56.4	2.0	69.7	20.2	45.6	3.9	67.0	22.1	42.6	2.3	35.0	16.9	13.4	4.7	69.9	20.4	45.0	4.5
Illinois	6.4	3.8	1.8	0.8	5.6	3.3	1.5	0.8	6.1	3.8	1.5	0.8	3.4	1.8	0.8	0.8	2.5	1.0	1.0	0.5
Indiana	15.8	11.5	3.0	1.3	16.9	11.5	4.0	1.4	64.4	37.0	19.0	8.4	32.0	21.2	8.9	1.9	32.0	21.2	8.9	1.9
Iowa	8.3	6.7	1.6	0.0	26.9	15.9	10.3	0.7	11.9	10.0	1.9	0.0	17.7	11.0	6.2	0.5	12.7	6.5	6.2	0.0
Kansas	21.1	11.1	5.0	5.0	19.1	11.1	4.0	4.0	22.1	11.1	6.0	5.0	19.1	10.1	4.0	5.0	21.1	11.1	5.0	5.0
Kentucky	20.4	10.2	8.3	1.9	15.3	11.5	3.5	0.3	16.5	12.4	3.8	0.3	18.3	13.4	4.5	0.4	12.5	9.5	2.9	0.1
Louisiana	85.3	60.9	16.5	7.9	101.3	62.9	28.8	9.6	105.4	78.5	17.0	9.9	54.5	31.5	18.0	5.0	46.5	22.5	20.0	4.0
Maine	140.3	54.3	43.5	42.5	149.6	58.9	49.0	41.7	111.7	60.0	38.2	13.5	77.5	37.7	30.1	9.7	69.6	37.1	22.9	9.6
Maryland	17.0	13.0	3.0	1.0	30.3	17.0	9.3	4.0	10.9	0.0	6.9	4.0	12.9	0.0	7.9	5.0	8.3	0.0	3.3	5.0
Massachusetts	18.4	10.3	6.0	2.1	16.0	9.8	4.7	1.5	19.4	12.7	4.2	2.5	15.6	10.9	3.7	1.0	15.5	11.3	3.2	1.0
Michigan	1.6	1.0	0.2	0.4	0.7	0.5	0.0	0.2	0.7	0.5	0.0	0.2	1.7	1.5	0.0	0.2	0.2	0.0	0.0	0.2
Minnesota	89.0	54.9	16.2	17.9	60.9	42.0	12.9	6.0	61.1	42.0	12.9	6.2	52.8	24.6	14.1	14.1	58.4	48.5	7.3	2.6
Mississippi	43.0	15.4	22.3	5.3	38.9	13.9	21.6	3.4	38.4	16.3	21.0	1.1	23.2	15.3	3.9	4.0	20.0	15.0	5.0	0.0
Missouri	112.9	59.6	50.9	2.4	113.0	60.0	51.0	2.0	103.0	60.0	41.0	2.0	100.0	59.0	38.0	3.0	92.8	41.6	48.1	3.1
Montana	11.8	5.2	5.4	1.2	15.3	4.6	5.7	5.0	13.9	4.9	6.7	2.3	17.1	5.2	9.6	2.3	18.3	7.6	8.4	2.3
Nebraska	34.2	16.5	16.2	1.5	33.7	21.5	11.2	1.0	1.2	1.0	0.2	0.0	12.0	6.3	3.2	2.5	35.4	18.7	14.2	2.5
Nevada	1.5	0.5	0.0	1.0	1.5	0.5	1.0	0.0	1.2	0.4	0.8	0.0	3.0	1.4	1.3	0.3	1.7	1.0	0.7	0.0
New Hampshire	2.2	2.0	0.1	0.1	2.2	2.0	0.1	0.1	1.2	1.0	0.1	0.1	1.2	1.0	0.1	0.1	1.6	0.0	0.1	1.5
New Jersey	18.9	16.1	0.0	2.8	23.5	19.0	1.5	3.0	19.4	16.8	0.5	2.1	21.1	18.6	0.5	2.0	24.1	21.1	1.0	2.0
New Mexico	10.7	3.7	4.0	3.0	11.1	7.0	1.8	2.3	10.0	5.0	0.5	4.5	9.3	5.0	0.5	3.8	5.6	2.0	0.5	3.1
New York	2,335.9	1,028.3	937.1	370.5	2,308.1	1,023.6	914.7	369.8	2,283.3	1,006.9	887.5	388.9	2,357.1	1,011.9	963.1	382.1	2,258.2	1,009.4	878.0	370.8
North Carolina	205.9	89.9	90.0	26.0	171.3	77.3	68.0	26.0	166.0	46.5	97.0	22.5	189.3	91.9	68.7	28.7	188.5	91.8	69.7	27.0
North Dakota	7.7	7.4	0.3	0.0	4.8	4.5	0.3	0.0	18.0	16.0	1.0	1.0	14.0	12.0	1.0	1.0	18.0	14.0	3.0	1.0
Ohio	33.1	19.1	10.7	3.3	9.6	6.5	2.7	0.4	11.8	8.7	2.8	0.3	43.7	33.2	7.4	3.1	20.5	13.2	3.9	3.4

Table 23. State government intramural R&D personnel, by state and full-time equivalent: FYs 2021–25

(Number)

State	FY 2021				FY 2022				FY 2023				FY 2024				FY 2025			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
Oklahoma	20.2	12.1	5.5	2.6	18.2	10.0	5.9	2.3	15.3	8.5	5.0	1.8	12.5	7.5	3.5	1.5	11.5	6.5	3.5	1.5
Oregon	146.5	68.6	67.3	10.6	147.1	73.9	64.5	8.7	167.1	75.4	79.7	12.0	131.4	62.4	62.3	6.7	131.5	63.1	64.4	4.0
Pennsylvania	125.2	44.9	75.9	4.4	112.0	48.4	57.0	6.6	120.2	56.3	56.8	7.1	120.3	56.9	56.3	7.1	139.8	60.8	71.9	7.1
Rhode Island	57.5	45.0	4.5	8.0	35.5	30.0	1.0	4.5	2.5	2.0	0.5	0.0	4.0	2.5	1.0	0.5	4.0	2.5	1.0	0.5
South Carolina	286.2	170.2	85.6	30.4	250.4	143.3	77.0	30.1	243.6	151.7	61.9	30.0	261.5	153.8	81.0	26.7	213.4	103.6	82.0	27.8
South Dakota	8.5	7.0	0.0	1.5	4.5	4.0	0.0	0.5	6.5	6.0	0.0	0.5	6.5	6.0	0.0	0.5	6.5	6.0	0.0	0.5
Tennessee	16.3	14.3	0.0	2.0	7.0	6.0	0.0	1.0	12.0	8.0	0.0	4.0	7.0	6.0	0.0	1.0	7.8	6.0	0.0	1.8
Texas	36.3	23.7	6.0	6.6	37.1	25.3	6.0	5.8	35.6	21.9	8.0	5.7	21.6	11.8	5.4	4.4	23.1	13.0	5.3	4.8
Utah	40.8	31.8	7.0	2.0	38.8	29.6	7.2	2.0	38.6	29.6	7.0	2.0	38.3	29.3	7.0	2.0	39.3	30.3	7.0	2.0
Vermont	3.2	2.4	0.7	0.1	6.3	1.6	4.1	0.6	7.7	1.1	5.6	1.0	4.4	3.6	0.8	0.0	1.6	1.6	0.0	0.0
Virginia	105.8	69.5	21.3	15.0	113.7	70.1	25.3	18.3	267.9	204.0	34.0	29.9	325.3	234.2	58.2	32.9	274.1	200.9	44.8	28.4
Washington	233.5	143.0	58.0	32.5	270.7	173.2	62.0	35.5	259.4	155.3	76.2	27.9	315.9	165.4	117.8	32.7	222.8	114.3	85.1	23.4
West Virginia	84.0	44.0	30.0	10.0	80.2	41.0	32.0	7.2	76.4	53.7	10.5	12.2	68.0	47.8	9.0	11.2	64.9	46.5	10.7	7.7
Wisconsin	24.1	18.5	1.6	4.0	25.2	19.6	0.6	5.0	22.7	17.5	0.2	5.0	23.5	18.5	0.0	5.0	19.4	13.7	0.0	5.7
Wyoming	154.8	22.5	101.8	30.5	35.6	13.0	18.6	4.0	34.3	14.0	15.3	5.0	23.4	12.6	5.5	5.3	22.7	13.5	4.2	5.0
Puerto Rico[c]	na	na	na	na	115.4	24.7	58.3	32.4	195.5	67.6	51.5	76.4	202.4	82.0	73.6	46.8	196.0	86.6	83.8	25.6

na = not applicable; did not report to survey.

[a] Researchers includes 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.