Table 21. State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025

(Number)

State and department or agency	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]	9,284	5,184	2,946	1,154	6,109.9	3,597.0	1,692.4	820.5
Alabama	99	57	22	20	76.2	49.6	14.4	12.2
Conservation and Natural Resources, Department of	6	4	2	0	0.8	0.4	0.4	0.0
Education, Department of	24	7	10	7	8.7	3.2	4.8	0.7
Forensic Sciences, Department of	2	2	0	0	2.0	2.0	0.0	0.0
Geological Survey	36	30	2	4	33.7	30.0	1.2	2.5
Marine Environmental Science Consortium, Dauphin Island Sea Lab	31	14	8	9	31.0	14.0	8.0	9.0
Alaska	92	55	24	13	76.3	52.0	16.2	8.1
Environmental Conservation, Department of	6	1	1	4	0.2	0.0	0.1	0.1
Natural Resources, Department of; Division of Geological and Geophysical Surveys	66	47	12	7	66.0	47.0	12.0	7.0
Railroad Corporation	15	6	7	2	8.5	4.0	3.5	1.0
Transportation and Public Facilities, Department of	5	1	4	0	1.6	1.0	0.6	0.0
Arizona	40	22	12	6	30.6	15.1	10.0	5.5
Game and Fish Department	26	16	8	2	18.1	10.6	6.0	1.5
Juvenile Corrections, Department of	3	3	0	0	1.5	1.5	0.0	0.0
Transportation, Department of	11	3	4	4	11.0	3.0	4.0	4.0
Arkansas	134	89	28	17	53.5	33.4	15.3	4.8
Game and Fish Commission	120	80	25	15	49.0	30.0	15.0	4.0
Natural Heritage Commission	4	3	0	1	3.5	3.0	0.0	0.5
Transportation, Department of	10	6	3	1	1.0	0.4	0.3	0.3
California	752	616	34	102	595.1	505.8	9.6	79.7
Air Resources Board	84	72	3	9	83.4	72.0	2.4	9.0
Conservation, Department of	51	41	7	3	18.6	16.3	2.0	0.3
Covered California	26	24	0	2	15.6	14.4	0.0	1.2
Energy Commission	154	125	0	29	154.0	125.0	0.0	29.0
Environmental Health Hazard Assessment, Office of	133	98	0	35	123.4	91.5	0.0	31.9
Forestry and Fire Protection, Department of	28	12	12	4	10.0	5.0	1.0	4.0
Housing and Community Development, Department of	4	3	0	1	2.4	2.2	0.0	0.2
Motor Vehicles, Department of	19	15	0	4	17.2	14.1	0.0	3.1
Pesticide Regulation, Department of	104	94	0	10	66.4	65.7	0.0	0.7
Public Health, Department of	8	8	0	0	4.2	4.2	0.0	0.0
State Water Resources Control Board	42	38	1	3	11.7	11.2	0.3	0.2
Transportation, Department of	82	79	3	0	82.0	79.0	3.0	0.0
Water Resources, Department of	17	7	8	2	6.2	5.2	0.9	0.1
Colorado	96	77	9	10	74.4	65.5	3.0	5.9
Agriculture, Department of	24	13	6	5	7.2	3.0	1.8	2.4
Labor and Employment, Department of	3	0	0	3	2.0	0.0	0.0	2.0

Table 21. State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025

(Number)

State and department or agency	R&D personnel headcount				R&D personnel (full-time equivalent)			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
Natural Resources, Department of	41	37	3	1	37.9	36.2	1.2	0.5
Public Health and Environment, Department of	23	23	0	0	22.3	22.3	0.0	0.0
Transportation, Department of	5	4	0	1	5.0	4.0	0.0	1.0
Connecticut	277	219	40	18	191.7	141.5	34.0	16.2
Agricultural Experiment Station	111	66	30	15	111.0	66.0	30.0	15.0
Energy and Environmental Protection, Department of	84	74	10	0	37.0	33.0	4.0	0.0
Mental Health and Addiction Services, Department of	43	42	0	1	37.7	36.7	0.0	1.0
Social Services, Department of	34	34	0	0	2.8	2.8	0.0	0.0
Transportation, Department of	5	3	0	2	3.2	3.0	0.0	0.2
Delaware	16	11	2	3	16.0	11.0	2.0	3.0
Geological Survey	16	11	2	3	16.0	11.0	2.0	3.0
District of Columbia	27	16	7	4	25.8	15.1	7.0	3.7
Health, Department of	17	8	7	2	16.3	7.6	7.0	1.7
Transportation, Department of	6	4	0	2	6.0	4.0	0.0	2.0
Water and Sewer Authority	4	4	0	0	3.5	3.5	0.0	0.0
Florida	784	611	54	119	737.1	596.5	34.7	105.9
Agriculture and Consumer Services, Department of	15	7	7	1	8.0	4.0	3.0	1.0
Citrus, Department of	1	1	0	0	0.5	0.5	0.0	0.0
Fish and Wildlife Conservation Commission	745	595	36	114	710.8	585.0	24.5	101.3
Transportation, Department of	23	8	11	4	17.8	7.0	7.2	3.6
Georgia	8	4	1	3	5.4	3.4	0.9	1.1
Southern States Energy Board	8	4	1	3	5.4	3.4	0.9	1.1
Hawaii	16	3	9	4	11.5	1.3	7.1	3.1
Agriculture and Biosecurity, Department of	14	3	9	2	9.5	1.3	7.1	1.1
Business, Economic Development, and Tourism, Department of	2	0	0	2	2.0	0.0	0.0	2.0
Idaho	192	57	126	9	69.9	20.4	45.0	4.5
Fish and Game, Department of	190	57	126	7	67.9	20.4	45.0	2.5
Transportation Department	2	0	0	2	2.0	0.0	0.0	2.0
Illinois	8	3	3	2	2.5	1.0	1.0	0.5
Transportation, Department of	8	3	3	2	2.5	1.0	1.0	0.5
Indiana	101	54	36	11	32.0	21.2	8.9	1.9
Natural Resources, Department of	71	44	22	5	16.6	11.2	4.9	0.5
Transportation, Department of	30	10	14	6	15.4	10.0	4.0	1.4
Iowa	26	13	13	0	12.7	6.5	6.2	0.0
Management, Department of Data; Division of Planning and Improvement	3	3	0	0	1.5	1.5	0.0	0.0
Natural Resources, Department of	23	10	13	0	11.2	5.0	6.2	0.0
Kansas	27	16	5	6	21.1	11.1	5.0	5.0

Table 21. State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025

(Number)

State and department or agency	R&D personnel headcount				R&D personnel (full-time equivalent)			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
State Board of Regents	2	2	0	0	0.1	0.1	0.0	0.0
Transportation, Department of	18	9	5	4	18.0	9.0	5.0	4.0
Water Office	7	5	0	2	3.0	2.0	0.0	1.0
Kentucky	200	111	84	5	12.5	9.5	2.9	0.1
Fish and Wildlife Resources, Department of	200	111	84	5	12.5	9.5	2.9	0.1
Louisiana	50	23	20	7	46.5	22.5	20.0	4.0
Coastal Protection and Restoration Authority	11	7	0	4	7.5	6.5	0.0	1.0
Transportation and Development, Department of	39	16	20	3	39.0	16.0	20.0	3.0
Maine	141	106	25	10	69.6	37.1	22.9	9.6
Agriculture, Conservation and Forestry, Department of	16	11	4	1	12.8	9.8	2.0	1.0
Inland Fisheries and Wildlife, Department of	71	71	0	0	5.9	5.9	0.0	0.0
MDI Biological Laboratory, Center for Biomedical Innovation	50	20	21	9	48.1	18.6	20.9	8.6
Transportation, Department of	4	4	0	0	2.8	2.8	0.0	0.0
Maryland	17	2	9	6	8.3	0.0	3.3	5.0
Transportation, Department of	17	2	9	6	8.3	0.0	3.3	5.0
Massachusetts	47	26	17	4	15.5	11.3	3.2	1.0
Environmental Protection, Department of	34	14	16	4	7.0	3.0	3.0	1.0
Fish and Game, Department of	3	3	0	0	0.5	0.5	0.0	0.0
Gaming Commission	2	2	0	0	1.6	1.6	0.0	0.0
Transportation, Department of	6	6	0	0	6.0	6.0	0.0	0.0
Water Resources Authority	2	1	1	0	0.4	0.2	0.2	0.0
Michigan	5	2	2	1	0.2	0.0	0.0	0.2
Environmental, Great Lakes, and Energy, Department of	5	2	2	1	0.2	0.0	0.0	0.2
Minnesota	116	82	26	8	58.4	48.5	7.3	2.6
Agriculture, Department of	19	14	3	2	9.8	7.7	1.6	0.5
Forest Resources Council	1	1	0	0	0.2	0.2	0.0	0.0
Health, Department of	40	25	10	5	20.0	15.0	3.0	2.0
Labor and Industry, Department of	7	7	0	0	6.5	6.5	0.0	0.0
Management and Budget	12	12	0	0	12.0	12.0	0.0	0.0
Natural Resources, Department of	37	23	13	1	9.9	7.1	2.7	0.1
Mississippi	32	24	8	0	20.0	15.0	5.0	0.0
Marine Resources, Department of	19	13	6	0	10.0	7.0	3.0	0.0
Transportation, Department of	3	3	0	0	0.0	0.0	0.0	0.0
Wildlife, Fisheries, and Parks, Department of	10	8	2	0	10.0	8.0	2.0	0.0
Missouri	139	58	74	7	92.8	41.6	48.1	3.1
Conservation, Department of	122	53	65	4	90.0	40.0	48.0	2.0
Natural Resources, Department of	13	3	9	1	0.8	0.6	0.1	0.1

Table 21. State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025

(Number)

State and department or agency	R&D personnel headcount				R&D personnel (full-time equivalent)			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
Wine and Grape Board	4	2	0	2	2.0	1.0	0.0	1.0
Montana	74	28	36	10	18.3	7.6	8.4	2.3
Environmental Quality, Department of	9	3	6	0	5.0	2.0	3.0	0.0
Fish, Wildlife and Parks, Department of	58	23	30	5	10.5	3.6	5.4	1.5
Transportation, Department of	7	2	0	5	2.8	2.0	0.0	0.8
Nebraska	279	89	162	28	35.4	18.7	14.2	2.5
Game and Parks Commission	268	87	154	27	33.0	17.5	14.0	1.5
Transportation, Department of	11	2	8	1	2.4	1.2	0.2	1.0
Nevada	11	5	6	0	1.7	1.0	0.7	0.0
Agriculture, Department of	3	1	2	0	1.0	0.3	0.7	0.0
Conservation and Natural Resources, Department of	8	4	4	0	0.7	0.7	0.0	0.0
New Hampshire	15	1	3	11	1.6	0.0	0.1	1.5
Transportation, Department of	15	1	3	11	1.6	0.0	0.1	1.5
New Jersey	48	42	2	4	24.1	21.1	1.0	2.0
Children and Families, Department of	11	11	0	0	1.3	1.3	0.0	0.0
Corrections, Department of	4	4	0	0	4.0	4.0	0.0	0.0
Environmental Protection, Department of	26	21	2	3	13.0	10.5	1.0	1.5
Pinelands Commission	5	5	0	0	5.0	5.0	0.0	0.0
State Parole Board	2	1	0	1	0.8	0.3	0.0	0.5
New Mexico	30	8	8	14	5.6	2.0	0.5	3.1
Game and Fish, Department of	24	8	8	8	3.3	2.0	0.5	0.8
Transportation, Department of	6	0	0	6	2.3	0.0	0.0	2.3
New York	2,886	1,364	1,123	399	2,258.2	1,009.4	878.0	370.8
Agriculture and Markets, Department of	13	12	1	0	7.0	6.0	1.0	0.0
Energy Research and Development Authority	33	20	0	13	27.0	20.0	0.0	7.0
Environmental Conservation, Department of	80	69	11	0	25.9	21.1	4.8	0.0
Health, Department of	326	242	63	21	219.6	159.6	41.6	18.4
Mental Health, Office of	1,287	529	591	167	956.2	356.8	438.5	160.9
People with Developmental Disabilities, Office of	29	23	2	4	19.1	13.6	2.0	3.5
Power Authority	14	12	0	2	12.0	11.0	0.0	1.0
Roswell Park Comprehensive Cancer Center	1,034	427	420	187	923.9	391.3	357.6	175.0
State Museum	64	26	35	3	61.5	26.0	32.5	3.0
Transportation, Department of	6	4	0	2	6.0	4.0	0.0	2.0
North Carolina	226	110	81	35	188.5	91.8	69.7	27.0
Agriculture and Consumer Services, Department of	141	67	57	17	141.0	67.0	57.0	17.0
Environmental Quality, Department of	27	9	12	6	17.5	7.8	6.7	3.0
Natural and Cultural Resources, Department of	50	28	12	10	22.0	11.0	6.0	5.0

Table 21. State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025

(Number)

State and department or agency	R&D personnel headcount				R&D personnel (full-time equivalent)			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
Transportation, Department of	8	6	0	2	8.0	6.0	0.0	2.0
North Dakota	18	14	3	1	18.0	14.0	3.0	1.0
Game and Fish, Department of	5	3	2	0	5.0	3.0	2.0	0.0
Historical Society of North Dakota	10	8	1	1	10.0	8.0	1.0	1.0
Transportation, Department of	3	3	0	0	3.0	3.0	0.0	0.0
Ohio	38	23	10	5	20.5	13.2	3.9	3.4
Education and Workforce, Department of	2	2	0	0	0.2	0.2	0.0	0.0
Natural Resources, Department of	36	21	10	5	20.3	13.0	3.9	3.4
Oklahoma	20	11	6	3	11.5	6.5	3.5	1.5
Grand River Dam Authority	7	4	2	1	3.3	2.0	1.0	0.3
Health, Department of	10	5	4	1	5.2	2.5	2.5	0.2
Transportation, Department of	3	2	0	1	3.0	2.0	0.0	1.0
Oregon	222	90	122	10	131.5	63.1	64.4	4.0
Fish and Wildlife, Department of	167	52	110	5	89.5	33.9	53.3	2.3
Forestry, Department of	15	5	10	0	15.0	5.0	10.0	0.0
Geology and Mineral Industries, Department of	23	17	2	4	10.5	8.2	1.1	1.2
Water Resources Department	16	16	0	0	16.0	16.0	0.0	0.0
Watershed Enhancement Board	1	0	0	1	0.5	0.0	0.0	0.5
Pennsylvania	170	75	83	12	139.8	60.8	71.9	7.1
Conservation and Natural Resources, Department of	4	3	1	0	2.0	1.0	1.0	0.0
Environmental Protection, Department of	6	6	0	0	0.6	0.6	0.0	0.0
Fish and Boat Commission	14	4	10	0	0.7	0.2	0.5	0.0
Game Commission	135	58	70	7	135.0	58.0	70.0	7.0
Susquehanna River Basin Commission	11	4	2	5	1.5	1.0	0.4	0.1
Rhode Island	6	3	2	1	4.0	2.5	1.0	0.5
Narragansett Bay National Estuarine Research Reserve; Environmental Management, Department of	3	2	1	0	2.5	2.0	0.5	0.0
Transportation, Department of	3	1	1	1	1.5	0.5	0.5	0.5
South Carolina	315	131	135	49	213.4	103.6	82.0	27.8
Natural Resources, Department of	246	103	116	27	179.0	86.0	77.0	16.0
Public Health, Department of	13	2	0	11	2.9	1.3	0.0	1.6
Public Service Authority	2	2	0	0	1.5	1.5	0.0	0.0
Sea Grant Consortium	41	13	19	9	27.0	13.0	5.0	9.0
Transportation, Department of	13	11	0	2	3.0	1.8	0.0	1.2
South Dakota	7	6	0	1	6.5	6.0	0.0	0.5
Soybean Research and Promotion Council	1	0	0	1	0.5	0.0	0.0	0.5
Transportation, Department of	6	6	0	0	6.0	6.0	0.0	0.0
Tennessee	10	6	0	4	7.8	6.0	0.0	1.8

Table 21. State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025

(Number)

State and department or agency	R&D personnel headcount				R&D personnel (full-time equivalent)			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
Environment and Conservation, Department of	7	6	0	1	7.0	6.0	0.0	1.0
Transportation, Department of	3	0	0	3	0.8	0.0	0.0	0.8
Texas	34	21	6	7	23.1	13.0	5.3	4.8
Animal Health Commission	3	2	1	0	1.8	1.5	0.3	0.0
Environmental Quality, Commission on	5	5	0	0	0.5	0.5	0.0	0.0
Parks and Wildlife Department	26	14	5	7	20.8	11.0	5.0	4.8
Utah	70	47	12	11	39.3	30.3	7.0	2.0
Environmental Quality, Department of	3	3	0	0	1.3	1.3	0.0	0.0
Natural Resources, Department of	60	40	10	10	31.0	25.0	5.0	1.0
Transportation, Department of	7	4	2	1	7.0	4.0	2.0	1.0
Vermont	13	13	0	0	1.6	1.6	0.0	0.0
Transportation, Agency of	13	13	0	0	1.6	1.6	0.0	0.0
Virginia	355	226	76	53	274.1	200.9	44.8	28.4
Education, Department of	5	3	1	1	2.5	1.5	0.5	0.5
Energy, Department of	26	19	0	7	14.5	14.3	0.0	0.2
Environmental Quality, Department of	3	3	0	0	0.3	0.3	0.0	0.0
Forensic Science, Department of	13	11	2	0	9.0	8.0	1.0	0.0
Forestry, Department of	11	2	9	0	6.3	1.0	5.3	0.0
Innovation Partnership Authority	10	1	0	9	10.0	1.0	0.0	9.0
Marine Resources Commission	2	1	1	0	2.0	1.0	1.0	0.0
Natural History, Museum of	11	6	4	1	10.0	6.0	3.5	0.5
Social Services, Department of	18	6	10	2	17.0	6.0	10.0	1.0
Transportation, Department of	77	35	19	23	50.8	32.8	6.0	12.0
Veterans Services, Department of	2	2	0	0	2.0	2.0	0.0	0.0
Wildlife Resources, Department of	177	137	30	10	149.7	127.0	17.5	5.2
Washington	788	406	304	78	222.8	114.3	85.1	23.4
Ecology, Department of	54	24	20	10	20.6	9.3	7.4	3.9
Fish and Wildlife, Department of	618	317	251	50	127.0	57.0	65.0	5.0
Health, Department of	11	7	2	2	6.9	4.8	1.0	1.1
Labor and Industries, Department of	30	26	0	4	30.0	26.0	0.0	4.0
Natural Resources, Department of	53	23	25	5	18.3	10.2	5.7	2.4
Puget Sound Partnership	2	2	0	0	1.0	1.0	0.0	0.0
Transportation, Department of	8	4	0	4	7.0	3.0	0.0	4.0
Tree Fruit Research Commission	12	3	6	3	12.0	3.0	6.0	3.0
West Virginia	69	47	11	11	64.9	46.5	10.7	7.7
Geological and Economic Survey	28	20	3	5	28.0	20.0	3.0	5.0
Higher Education Policy Commission	3	0	0	3	0.2	0.0	0.0	0.2

Table 21. State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025

(Number)

State and department or agency	R&D personnel headcount				R&D personnel (full-time equivalent)			
	Total	Researchers[a]	Technicians	Support staff	Total	Researchers[a]	Technicians	Support staff
Natural Resources, Division of	38	27	8	3	36.7	26.5	7.7	2.5
Wisconsin	109	45	58	6	19.4	13.7	0.0	5.7
Natural Resources, Department of	39	39	0	0	13.7	13.7	0.0	0.0
Transportation, Department of	70	6	58	6	5.7	0.0	0.0	5.7
Wyoming	29	16	7	6	22.7	13.5	4.2	5.0
Enhanced Oil Recovery Institute	10	5	3	2	4.0	2.5	0.5	1.0
State Geological Survey	18	11	3	4	18.0	11.0	3.0	4.0
Transportation, Department of	1	0	1	0	0.7	0.0	0.7	0.0
Puerto Rico[c]	218	92	98	28	196.0	86.6	83.8	25.6
Comprehensive Cancer Center	149	68	69	12	144.0	64.0	68.0	12.0
Health, Department of	10	5	4	1	10.0	5.0	4.0	1.0
Institute of Statistics	42	7	25	10	25.0	5.6	11.8	7.6
Science, Technology and Research Trust	17	12	0	5	17.0	12.0	0.0	5.0

[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, FY 2025.