

Table 19. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2024

(Dollars)

State and department or agency	R&D expenditures for intramural performers	Source of funds					
		Federal government	Own state government	Other nonfederal governments	Nonprofit organizations	Businesses and individuals	Higher education institutions
United States ^a	811,861,515	339,587,256	414,911,127	14,120,855	20,147,785	19,246,148	3,848,344
Alabama	9,263,588	5,558,373	2,578,334	1,775	218,044	0	907,062
Education, Department of	1,880,279	1,680,722	199,557	0	0	0	0
Forensic Sciences, Department of	240,688	0	240,688	0	0	0	0
Geological Survey	3,631,424	1,523,422	1,888,183	1,775	218,044	0	0
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,261,291	2,354,229	0	0	0	0	907,062
Transportation, Department of	249,906	0	249,906	0	0	0	0
Alaska	12,699,964	5,903,653	4,890,861	1,905,450	0	0	0
Environmental Conservation, Department of	64,051	43,921	20,130	0	0	0	0
Natural Resources, Department of; Division of Geological and Geophysical Surveys	10,732,738	4,073,074	4,754,214	1,905,450	0	0	0
Railroad Corporation	1,375,175	1,364,258	10,917	0	0	0	0
Transportation and Public Facilities, Department of	528,000	422,400	105,600	0	0	0	0
Arizona	2,696,089	2,192,449	503,640	0	0	0	0
Game and Fish Department	1,685,239	1,509,629	175,610	0	0	0	0
Juvenile Corrections, Department of	157,324	0	157,324	0	0	0	0
Transportation, Department of	853,526	682,820	170,706	0	0	0	0
Arkansas	1,397,218	1,208,364	188,854	0	0	0	0
Game and Fish Commission	1,354,449	1,174,149	180,300	0	0	0	0
Transportation, Department of	42,769	34,215	8,554	0	0	0	0
California	106,617,344	5,627,942	100,788,690	200,712	0	0	0
Air Resources Board	11,961,830	0	11,961,830	0	0	0	0
Conservation, Department of	2,183,108	786,474	1,396,634	0	0	0	0
Covered California	1,860,000	0	1,860,000	0	0	0	0
Earthquake Authority	75,000	0	0	75,000	0	0	0
Emergency Services Governor's Office	608,673	0	608,673	0	0	0	0
Energy Commission	31,186,420	0	31,186,420	0	0	0	0
Environmental Health Hazard Assessment, Office of	17,514,580	0	17,514,580	0	0	0	0
First 5 California	3,000,000	0	3,000,000	0	0	0	0
Forestry and Fire Protection, Department of	2,678,000	0	2,678,000	0	0	0	0
Housing and Community Development, Department of	500,350	0	500,350	0	0	0	0
Motor Vehicles, Department of	2,234,941	0	2,109,229	125,712	0	0	0
Pesticide Regulation, Department of	14,540,898	0	14,540,898	0	0	0	0
Public Health, Department of	1,197,323	0	1,197,323	0	0	0	0
State Water Resources Control Board	2,189,056	0	2,189,056	0	0	0	0
Toxic Substances Control, Department of	249,832	0	249,832	0	0	0	0

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Transportation, Department of	14,537,333	4,841,468	9,695,865	0	0	0	0
Water Resources, Department of	100,000	0	100,000	0	0	0	0
Colorado	11,310,318	2,772,233	8,503,556	0	0	34,529	0
Agriculture, Department of	301,916	301,916	0	0	0	0	0
Natural Resources, Department of	7,128,671	1,517,828	5,576,314	0	0	34,529	0
Public Health and Environment, Department of	3,004,731	77,489	2,927,242	0	0	0	0
Transportation, Department of	875,000	875,000	0	0	0	0	0
Connecticut	29,493,426	13,477,159	16,016,267	0	0	0	0
Agricultural Experiment Station	15,285,122	6,587,278	8,697,844	0	0	0	0
Energy and Environmental Protection, Department of	6,475,645	5,812,787	662,858	0	0	0	0
Mental Health and Addiction Services, Department of	6,795,201	660,398	6,134,803	0	0	0	0
Social Services, Department of	416,588	0	416,588	0	0	0	0
Transportation, Department of	520,870	416,696	104,174	0	0	0	0
Delaware	1,676,651	426,834	1,249,817	0	0	0	0
Geological Survey	1,676,651	426,834	1,249,817	0	0	0	0
District of Columbia	5,288,002	4,267,155	1,020,847	0	0	0	0
Health, Department of	4,183,769	4,183,769	0	0	0	0	0
Transportation, Department of	104,233	83,386	20,847	0	0	0	0
Water and Sewer Authority	1,000,000	0	1,000,000	0	0	0	0
Florida	64,369,217	18,447,616	40,884,360	4,927,897	105,778	0	3,566
Agriculture and Consumer Services, Department of	1,266,241	1,172,679	93,562	0	0	0	0
Citrus, Department of	102,243	0	102,243	0	0	0	0
Fish and Wildlife Conservation Commission	61,449,273	17,274,937	39,137,095	4,927,897	105,778	0	3,566
Transportation, Department of	1,551,460	0	1,551,460	0	0	0	0
Georgia	2,783,700	2,430,451	49,884	0	0	303,365	0
Natural Resources, Department of	86,874	36,990	49,884	0	0	0	0
Southern States Energy Board	2,696,826	2,393,461	0	0	0	303,365	0
Hawaii	399,469	399,469	0	0	0	0	0
Agriculture, Department of	147,469	147,469	0	0	0	0	0
Business, Economic Development, and Tourism, Department of	252,000	252,000	0	0	0	0	0
Idaho	4,780,811	3,177,276	998,623	604,912	0	0	0
Fish and Game, Department of	4,540,179	3,002,511	932,756	604,912	0	0	0
Mint Commission	22,176	0	22,176	0	0	0	0
Transportation Department	218,456	174,765	43,691	0	0	0	0
Illinois	368,541	0	368,541	0	0	0	0
Transportation, Department of	368,541	0	368,541	0	0	0	0

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Indiana	1,001,961	745,859	256,102	0	0	0	0
Natural Resources, Department of	815,953	597,053	218,900	0	0	0	0
Transportation, Department of	186,008	148,806	37,202	0	0	0	0
Iowa	3,146,055	1,540,983	1,486,072	0	119,000	0	0
Management, Department of Data; Division of Planning and Improvement	375,000	125,000	150,000	0	100,000	0	0
Natural Resources, Department of	2,771,055	1,415,983	1,336,072	0	19,000	0	0
Kansas	2,583,385	1,481,225	1,007,129	0	0	0	95,031
State Board of Regents	7,685	0	7,685	0	0	0	0
Transportation, Department of	1,192,892	792,509	400,383	0	0	0	0
Water Office	728,610	198,068	435,511	0	0	0	95,031
Wildlife and Parks, Department of	654,198	490,648	163,550	0	0	0	0
Kentucky	5,621,733	3,826,727	1,795,006	0	0	0	0
Fish and Wildlife Resources, Department of	5,621,733	3,826,727	1,795,006	0	0	0	0
Louisiana	21,806,594	18,661,515	3,145,079	0	0	0	0
Coastal Protection and Restoration Authority	550,908	29,671	521,237	0	0	0	0
Transportation and Development, Department of	3,529,911	2,823,930	705,981	0	0	0	0
Wildlife and Fisheries, Department of	17,725,775	15,807,914	1,917,861	0	0	0	0
Maine	14,933,998	6,345,174	7,214,389	0	772,772	0	601,663
Agriculture, Conservation and Forestry, Department of	1,582,469	382,414	1,200,055	0	0	0	0
Aquaculture Innovation Center	511,217	409,619	39,923	0	61,675	0	0
Inland Fisheries and Wildlife, Department of	1,868,243	1,368,243	500,000	0	0	0	0
Marine Resources, Department of	889,657	889,657	0	0	0	0	0
MDI Biological Laboratory, Center for Biomedical Innovation	9,651,767	2,950,725	5,388,282	0	711,097	0	601,663
Transportation, Department of	430,645	344,516	86,129	0	0	0	0
Maryland	831,311	348,636	482,675	0	0	0	0
Transportation, Department of	831,311	348,636	482,675	0	0	0	0
Massachusetts	1,649,549	655,313	694,236	300,000	0	0	0
Environmental Protection, Department of	333,963	26,843	307,120	0	0	0	0
Fish and Game, Department of	157,441	140,864	16,577	0	0	0	0
Gaming Commission	248,637	0	248,637	0	0	0	0
Transportation, Department of	609,508	487,606	121,902	0	0	0	0
Water Resources Authority	300,000	0	0	300,000	0	0	0
Michigan	190,798	48,523	142,275	0	0	0	0
Agriculture and Rural Development, Department of	35,000	35,000	0	0	0	0	0
Environmental, Great Lakes, and Energy, Department of	155,798	13,523	142,275	0	0	0	0
Minnesota	3,926,669	1,570,703	2,355,966	0	0	0	0

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Agriculture, Department of	1,189,010	0	1,189,010	0	0	0	0
Employment and Economic Development, Department of	100,000	100,000	0	0	0	0	0
Forest Resources Council	23,780	0	23,780	0	0	0	0
Labor and Industry, Department of	808,354	138,000	670,354	0	0	0	0
Natural Resources, Department of	1,785,025	1,332,703	452,322	0	0	0	0
Transportation, Department of	20,500	0	20,500	0	0	0	0
Mississippi	3,023,466	847,027	352,022	1,824,417	0	0	0
Gulf States Marine Fisheries Commission	58,626	58,626	0	0	0	0	0
Marine Resources, Department of	2,351,341	379,055	147,869	1,824,417	0	0	0
Transportation, Department of	5,136	4,109	1,027	0	0	0	0
Wildlife, Fisheries, and Parks, Department of	608,363	405,237	203,126	0	0	0	0
Missouri	4,344,942	1,770,172	2,557,770	0	17,000	0	0
Conservation, Department of	3,501,656	1,756,172	1,745,484	0	0	0	0
Wine and Grape Board	843,286	14,000	812,286	0	17,000	0	0
Montana	4,810,365	3,131,915	1,675,285	0	3,165	0	0
Environmental Quality, Department of	206,364	146,364	60,000	0	0	0	0
Fish, Wildlife and Parks, Department of	4,147,421	2,620,287	1,523,969	0	3,165	0	0
Transportation, Department of	456,580	365,264	91,316	0	0	0	0
Nebraska	802,690	409,086	393,604	0	0	0	0
Game and Parks Commission	716,073	399,169	316,904	0	0	0	0
Transportation, Department of	86,617	9,917	76,700	0	0	0	0
Nevada	642,255	361,782	280,473	0	0	0	0
Agriculture, Department of	203,079	143,079	60,000	0	0	0	0
Conservation and Natural Resources, Department of	439,176	218,703	220,473	0	0	0	0
New Hampshire	88,795	71,036	17,759	0	0	0	0
Transportation, Department of	88,795	71,036	17,759	0	0	0	0
New Jersey	4,104,226	742,040	3,362,186	0	0	0	0
Children and Families, Department of	179,345	0	179,345	0	0	0	0
Corrections, Department of	544,202	113,985	430,217	0	0	0	0
Environmental Protection, Department of	2,452,922	152,394	2,300,528	0	0	0	0
Pinelands Commission	781,071	328,975	452,096	0	0	0	0
State Parole Board	146,686	146,686	0	0	0	0	0
New Mexico	1,296,000	1,025,500	270,500	0	0	0	0
Game and Fish, Department of	296,000	225,500	70,500	0	0	0	0
Transportation, Department of	1,000,000	800,000	200,000	0	0	0	0
New York	304,438,429	153,766,985	110,974,066	10,919	18,674,693	18,908,254	2,103,512

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Agriculture and Markets, Department of	2,395,000	2,395,000	0	0	0	0	0
Energy Research and Development Authority	9,342,472	0	9,342,472	0	0	0	0
Environmental Conservation, Department of	3,740,360	1,691,190	2,049,170	0	0	0	0
Health, Department of	28,078,903	15,162,241	9,440,976	10,919	2,798,114	477,147	189,506
Mental Health, Office of	152,569,872	69,408,211	70,754,208	0	8,657,612	1,853,280	1,896,561
People with Developmental Disabilities, Office of	2,593,058	2,331,915	0	0	261,143	0	0
Power Authority	3,806,379	177,600	3,211,429	0	307,500	109,850	0
Roswell Park Comprehensive Cancer Center	87,787,967	59,654,157	4,998,064	0	6,650,324	16,467,977	17,445
State Museum	11,094,406	522,661	10,571,745	0	0	0	0
Transportation, Department of	3,030,012	2,424,010	606,002	0	0	0	0
North Carolina	17,211,359	1,758,348	15,453,011	0	0	0	0
Agriculture and Consumer Services, Department of	13,214,600	0	13,214,600	0	0	0	0
Environmental Quality, Department of	1,172,150	1,153,150	19,000	0	0	0	0
Natural and Cultural Resources, Department of	2,068,112	0	2,068,112	0	0	0	0
Transportation, Department of	756,497	605,198	151,299	0	0	0	0
North Dakota	1,437,702	822,184	615,518	0	0	0	0
Game and Fish, Department of	250,000	187,500	62,500	0	0	0	0
Historical Society of North Dakota	1,135,584	592,982	542,602	0	0	0	0
Transportation, Department of	52,118	41,702	10,416	0	0	0	0
Ohio	3,342,419	514,089	2,828,330	0	0	0	0
Education and Workforce, Department of	35,000	0	35,000	0	0	0	0
Mental Health and Addictions Services, Department of	2,345,000	0	2,345,000	0	0	0	0
Natural Resources, Department of	962,419	514,089	448,330	0	0	0	0
Oklahoma	1,157,820	801,917	355,903	0	0	0	0
Grand River Dam Authority	250,000	0	250,000	0	0	0	0
Health, Department of	394,051	394,051	0	0	0	0	0
Transportation, Department of	492,768	394,215	98,553	0	0	0	0
Wildlife Conservation, Department of	21,001	13,651	7,350	0	0	0	0
Oregon	14,534,155	10,516,643	3,967,376	50,136	0	0	0
Education, Department of	107,000	107,000	0	0	0	0	0
Fish and Wildlife, Department of	12,536,982	9,433,809	3,103,173	0	0	0	0
Forestry, Department of	350,000	0	350,000	0	0	0	0
Geology and Mineral Industries, Department of	906,807	810,201	96,606	0	0	0	0
Transportation, Department of	237,892	162,581	75,311	0	0	0	0
Water Resources Department	384,093	0	333,957	50,136	0	0	0
Watershed Enhancement Board	11,381	3,052	8,329	0	0	0	0

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Pennsylvania	15,446,289	8,204,747	7,185,542	56,000	0	0	0
Conservation and Natural Resources, Department of	120,000	0	120,000	0	0	0	0
Environmental Protection, Department of	41,473	41,473	0	0	0	0	0
Fish and Boat Commission	89,822	29,446	60,376	0	0	0	0
Game Commission	15,018,344	8,013,178	7,005,166	0	0	0	0
Susquehanna River Basin Commission	176,650	120,650	0	56,000	0	0	0
Rhode Island	342,028	322,028	20,000	0	0	0	0
Narragansett Bay National Estuarine Research Reserve; Environmental Management, Department of	272,028	272,028	0	0	0	0	0
Transportation, Department of	70,000	50,000	20,000	0	0	0	0
South Carolina	37,802,089	24,564,021	13,050,045	50,513	0	0	137,510
Health and Environmental Control, Department of	1,578,338	1,502,809	0	0	0	0	75,529
Natural Resources, Department of	32,991,106	20,903,881	12,087,225	0	0	0	0
Sea Grant Consortium	2,922,829	1,926,094	884,241	50,513	0	0	61,981
Transportation, Department of	309,816	231,237	78,579	0	0	0	0
South Dakota	319,204	217,894	17,314	0	83,996	0	0
Soybean Research and Promotion Council	17,314	0	17,314	0	0	0	0
Transportation, Department of	301,890	217,894	0	0	83,996	0	0
Tennessee	0	0	0	0	0	0	0
Texas	1,529,174	1,104,565	424,609	0	0	0	0
Animal Health Commission	16,968	0	16,968	0	0	0	0
Environmental Quality, Commission on	69,773	0	69,773	0	0	0	0
Parks and Wildlife Department	1,442,433	1,104,565	337,868	0	0	0	0
Utah	8,312,136	535,873	7,776,263	0	0	0	0
Environmental Quality, Department of	537,957	328,004	209,953	0	0	0	0
Natural Resources, Department of	6,467,965	0	6,467,965	0	0	0	0
Transportation, Department of	1,306,214	207,869	1,098,345	0	0	0	0
Vermont	1,298,300	1,177,674	120,626	0	0	0	0
Human Services, Agency of	798,646	735,910	62,736	0	0	0	0
Transportation, Agency of	499,654	441,764	57,890	0	0	0	0
Virginia	19,597,013	7,107,409	12,489,604	0	0	0	0
Education, Department of	750,000	500,000	250,000	0	0	0	0
Energy, Department of	1,592,500	929,178	663,322	0	0	0	0
Environmental Quality, Department of	153,998	123,112	30,886	0	0	0	0
Forensic Science, Department of	1,163,967	242,130	921,837	0	0	0	0
Forestry, Department of	823,618	603,708	219,910	0	0	0	0

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Innovation Partnership Authority	2,265,938	474,255	1,791,683	0	0	0	0
Marine Resources Commission	279,880	279,880	0	0	0	0	0
Natural History, Museum of	1,112,900	0	1,112,900	0	0	0	0
Rail and Public Transportation	125,000	25,000	100,000	0	0	0	0
Social Services, Department of	1,123,500	561,750	561,750	0	0	0	0
Transportation, Department of	9,660,310	3,003,855	6,656,455	0	0	0	0
Wildlife Resources, Department of	545,402	364,541	180,861	0	0	0	0
Washington	42,774,429	11,619,372	26,813,596	4,188,124	153,337	0	0
Ecology, Department of	1,810,625	323,284	1,480,741	0	6,600	0	0
Fish and Wildlife, Department of	21,880,775	7,715,336	9,991,156	4,027,546	146,737	0	0
Health, Department of	1,411,000	877,000	534,000	0	0	0	0
Labor and Industries, Department of	3,918,652	439,824	3,478,828	0	0	0	0
Natural Resources, Department of	11,714,701	911,878	10,642,245	160,578	0	0	0
Puget Sound Partnership	115,000	45,000	70,000	0	0	0	0
Transportation, Department of	1,535,000	1,269,000	266,000	0	0	0	0
Tree Fruit Research Commission	388,676	38,050	350,626	0	0	0	0
West Virginia	4,775,295	1,542,986	3,232,309	0	0	0	0
Agriculture, Department of	160,000	160,000	0	0	0	0	0
Geological and Economic Survey	2,843,833	266,957	2,576,876	0	0	0	0
Higher Education Policy Commission	29,186	29,186	0	0	0	0	0
Justice and Community Services, Division of Administrative Services	416,939	79,150	337,789	0	0	0	0
Natural Resources, Division of	1,051,541	788,656	262,885	0	0	0	0
Transportation, Department of	273,796	219,037	54,759	0	0	0	0
Wisconsin	5,361,683	4,552,004	809,679	0	0	0	0
Natural Resources, Department of	4,990,353	4,254,940	735,413	0	0	0	0
Transportation, Department of	371,330	297,064	74,266	0	0	0	0
Wyoming	4,232,861	986,327	3,246,534	0	0	0	0
Enhanced Oil Recovery Institute	550,834	92,169	458,665	0	0	0	0
Game and Fish Department	626,122	456,105	170,017	0	0	0	0
State Geological Survey	2,946,055	350,173	2,595,882	0	0	0	0
Transportation, Department of	109,850	87,880	21,970	0	0	0	0
Puerto Rico ^b	34,169,608	18,890,314	15,279,294	0	0	0	0
Comprehensive Cancer Center	13,377,000	0	13,377,000	0	0	0	0
Health, Department of	15,788,813	15,788,813	0	0	0	0	0
Institute of Statistics	2,113,301	211,007	1,902,294	0	0	0	0
Science, Technology and Research Trust	2,890,494	2,890,494	0	0	0	0	0

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

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

Note(s):

Intramural performers includes a department's or agency's own employees who perform R&D and services performed by others in support of an internal R&D project.

Source(s):

National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2024.