

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
United States ^g	3,344,696,717	811,861,515	2,532,835,202	1,234,230,762	674,010,142	440,821,007	116,971,769	66,801,522
Alabama	65,159,736	9,263,588	55,896,148	12,345,893	1,499,040	17,244,865	24,806,350	0
Commerce, Department of	38,319,907	0	38,319,907	1,000,000	319,907	17,000,000	20,000,000	0
Conservation and Natural Resources, Department of; Wildlife and Freshwater Fisheries Division	2,735,751	0	2,735,751	2,333,574	402,177	0	0	0
Economic and Community Affairs, Department of	3,010,094	0	3,010,094	2,432,815	577,279	0	0	0
Education, Department of	3,899,855	1,880,279	2,019,576	525,034	199,677	244,865	1,050,000	0
Forensic Sciences, Department of	240,688	240,688	0	0	0	0	0	0
Geological Survey	3,631,424	3,631,424	0	0	0	0	0	0
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,261,291	3,261,291	0	0	0	0	0	0
Supercomputer Authority	4,500,525	0	4,500,525	4,500,525	0	0	0	0
Transportation, Department of	5,560,201	249,906	5,310,295	1,553,945	0	0	3,756,350	0
Alaska	18,477,002	12,699,964	5,777,038	2,111,458	2,791,580	0	500,000	374,000
Energy Authority	82,223	0	82,223	0	82,223	0	0	0
Environmental Conservation, Department of	122,970	64,051	58,919	47,249	11,670	0	0	0
Housing Finance Corporation	500,000	0	500,000	0	0	0	500,000	0
Natural Resources, Department of; Division of Geological and Geophysical Surveys	10,732,738	10,732,738	0	0	0	0	0	0
Railroad Corporation	3,007,378	1,375,175	1,632,203	0	1,632,203	0	0	0
Seafood Marketing Institute	178,293	0	178,293	0	178,293	0	0	0
Transportation and Public Facilities, Department of	3,853,400	528,000	3,325,400	2,064,209	887,191	0	0	374,000
Arizona	17,162,845	2,696,089	14,466,756	6,304,774	8,017,082	0	144,900	0
Agriculture, Department of	1,847,686	0	1,847,686	1,709,354	138,332	0	0	0
Game and Fish Department	1,989,306	1,685,239	304,067	289,167	0	0	14,900	0
Health Services, Department of	11,719,582	0	11,719,582	3,866,502	7,853,080	0	0	0
Juvenile Corrections, Department of	216,653	157,324	59,329	33,659	25,670	0	0	0
Transportation, Department of	1,389,618	853,526	536,092	406,092	0	0	130,000	0
Arkansas	13,727,825	1,397,218	12,330,607	11,809,957	345,070	30,901	144,679	0
Corn and Grain Sorghum Promotion Board	1,021,996	0	1,021,996	1,021,996	0	0	0	0
Economic Development Commission	2,998,121	0	2,998,121	2,998,121	0	0	0	0
Game and Fish Commission	3,142,997	1,354,449	1,788,548	1,281,824	339,120	22,925	144,679	0
Natural Heritage Commission	38,926	0	38,926	25,000	5,950	7,976	0	0
Rice Research and Promotion Board	2,927,141	0	2,927,141	2,927,141	0	0	0	0
Soybean Promotion Board	3,400,000	0	3,400,000	3,400,000	0	0	0	0
Transportation, Department of	198,644	42,769	155,875	155,875	0	0	0	0
California	800,971,651	106,617,344	694,354,307	269,502,011	230,419,565	99,320,735	45,439,536	49,672,460
Air Resources Board	19,974,359	11,961,830	8,012,529	5,203,041	1,791,270	552,500	465,718	0

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			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Conservation, Department of	3,136,065	2,183,108	952,957	933,957	19,000	0	0	0
Corrections and Rehabilitation, Department of	2,226,717	0	2,226,717	0	2,226,717	0	0	0
Covered California	10,906,729	1,860,000	9,046,729	1,100,051	7,946,678	0	0	0
Dairy Council	100,000	0	100,000	100,000	0	0	0	0
Delta Stewardship Council	4,842,068	0	4,842,068	3,511,975	634,247	58,537	637,309	0
Earthquake Authority	75,000	75,000	0	0	0	0	0	0
Emergency Services Governor's Office	1,708,673	608,673	1,100,000	1,100,000	0	0	0	0
Energy Commission	246,371,838	31,186,420	215,185,418	20,341,476	133,300,614	36,143,338	25,399,990	0
Environmental Health Hazard Assessment, Office of	21,350,349	17,514,580	3,835,769	3,592,481	243,288	0	0	0
First 5 California	6,000,000	3,000,000	3,000,000	1,500,000	500,000	0	1,000,000	0
Food and Agriculture, Department of	6,164,999	0	6,164,999	5,808,925	0	94,539	261,535	0
Forestry and Fire Protection, Department of	14,178,000	2,678,000	11,500,000	9,700,000	0	0	1,800,000	0
Horse Racing Board	1,064,589	0	1,064,589	1,064,589	0	0	0	0
Housing and Community Development, Department of	500,350	500,350	0	0	0	0	0	0
Institute for Regenerative Medicine	297,497,898	0	297,497,898	164,950,961	78,736,545	53,810,392	0	0
Motor Vehicles, Department of	2,391,913	2,234,941	156,972	156,972	0	0	0	0
Parks and Recreation, Department of	3,297,352	0	3,297,352	3,297,352	0	0	0	0
Pesticide Regulation, Department of	21,928,190	14,540,898	7,387,292	2,275,000	0	5,112,292	0	0
Public Health, Department of	9,028,453	1,197,323	7,831,130	7,373,586	457,544	0	0	0
Public Utilities Commission, Executive Division	49,500,765	0	49,500,765	0	0	0	0	49,500,765
Resources Recycling and Recovery, Department of	258,397	0	258,397	0	258,397	0	0	0
San Diego River Conservancy	1,016,645	0	1,016,645	0	0	1,016,645	0	0
State Coastal Conservancy	850,449	0	850,449	235,297	44,217	426,779	144,156	0
State Water Resources Control Board	10,772,717	2,189,056	8,583,661	1,806,060	1,615,330	2,105,713	2,884,863	171,695
Toxic Substances Control, Department of	249,832	249,832	0	0	0	0	0	0
Transportation, Department of	53,871,866	14,537,333	39,334,533	25,342,850	2,645,718	0	11,345,965	0
Water Resources, Department of	11,707,438	100,000	11,607,438	10,107,438	0	0	1,500,000	0
Colorado	42,146,785	11,310,318	30,836,467	10,772,853	15,111,784	999,789	3,835,524	116,517
Agriculture, Department of	301,916	301,916	0	0	0	0	0	0
Economic Development and International Trade, Office of	21,935,844	0	21,935,844	5,076,970	14,447,568	999,789	1,300,000	111,517
Higher Education Competitive Research Authority	2,622,484	0	2,622,484	2,622,484	0	0	0	0
Natural Resources, Department of	7,222,995	7,128,671	94,324	42,000	0	0	47,324	5,000
Public Health and Environment, Department of	4,829,862	3,004,731	1,825,131	1,577,246	247,885	0	0	0
Transportation, Department of	4,849,531	875,000	3,974,531	1,090,000	396,331	0	2,488,200	0
Wine Industry Development Board	384,153	0	384,153	364,153	20,000	0	0	0
Connecticut	59,935,851	29,493,426	30,442,425	1,652,321	26,405,003	0	182,750	2,202,351

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			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Agricultural Experiment Station	15,285,122	15,285,122	0	0	0	0	0	0
Energy and Environmental Protection, Department of	7,420,806	6,475,645	945,161	443,058	319,353	0	182,750	0
Innovation Inc.	26,085,650	0	26,085,650	0	26,085,650	0	0	0
Mental Health and Addiction Services, Department of	6,795,201	6,795,201	0	0	0	0	0	0
Social Services, Department of	691,588	416,588	275,000	275,000	0	0	0	0
Transportation, Department of	3,657,484	520,870	3,136,614	934,263	0	0	0	2,202,351
Delaware	3,706,676	1,676,651	2,030,025	865,514	1,084,511	0	80,000	0
Geological Survey	1,756,651	1,676,651	80,000	0	0	0	80,000	0
Natural Resources and Environmental Control, Department of	536,113	0	536,113	393,826	142,287	0	0	0
Transportation, Department of	1,413,912	0	1,413,912	471,688	942,224	0	0	0
District of Columbia	8,243,133	5,288,002	2,955,131	895,111	231,770	1,377,309	450,941	0
Energy and Environment, Department of	350,270	0	350,270	0	181,770	68,500	100,000	0
Health, Department of	5,492,578	4,183,769	1,308,809	0	0	1,308,809	0	0
Transportation, Department of	900,285	104,233	796,052	445,111	0	0	350,941	0
Water and Sewer Authority	1,500,000	1,000,000	500,000	450,000	50,000	0	0	0
Florida	326,433,033	64,369,217	262,063,816	94,151,315	1,809,791	166,021,910	80,800	0
Agriculture and Consumer Services, Department of	54,507,248	1,266,241	53,241,007	13,244,027	225,483	39,744,042	27,455	0
Citrus, Department of	3,049,833	102,243	2,947,590	202,570	0	2,745,020	0	0
Fish and Wildlife Conservation Commission	72,378,754	61,449,273	10,929,481	3,928,508	0	6,947,628	53,345	0
Health, Department of	181,724,073	0	181,724,073	65,138,853	0	116,585,220	0	0
Space Florida	1,235,000	0	1,235,000	90,000	1,145,000	0	0	0
Transportation, Department of	13,538,125	1,551,460	11,986,665	11,547,357	439,308	0	0	0
Georgia	28,195,324	2,783,700	25,411,624	14,458,949	7,796,344	1,854,665	1,091,666	210,000
Commodity Commission, Agriculture, Department of	2,864,387	0	2,864,387	2,864,387	0	0	0	0
Natural Resources, Department of	2,390,690	86,874	2,303,816	2,303,816	0	0	0	0
Southern States Energy Board	13,864,817	2,696,826	11,167,991	3,354,056	7,796,344	17,591	0	0
Transportation, Department of	9,075,430	0	9,075,430	5,936,690	0	1,837,074	1,091,666	210,000
Hawaii	6,358,304	399,469	5,958,835	3,989,355	1,638,038	225,000	106,442	0
Agriculture, Department of	748,473	147,469	601,004	462,966	138,038	0	0	0
Business, Economic Development, and Tourism, Department of	1,752,000	252,000	1,500,000	0	1,500,000	0	0	0
Land and Natural Resources, Department of	920,203	0	920,203	588,761	0	225,000	106,442	0
Transportation, Department of	2,937,628	0	2,937,628	2,937,628	0	0	0	0
Idaho	14,897,781	4,780,811	10,116,970	6,674,708	1,197,783	628,909	1,367,967	247,603
Agriculture, Department of	844,061	0	844,061	441,751	0	154,707	0	247,603
Barley Commission	293,740	0	293,740	262,637	0	31,103	0	0
Bean Commission	36,218	0	36,218	36,218	0	0	0	0

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(Dollars)

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Dairy West	3,090,000	0	3,090,000	3,090,000	0	0	0	0
Fish and Game, Department of	6,062,574	4,540,179	1,522,395	595,132	790,717	7,930	128,616	0
Mint Commission	85,171	22,176	62,995	0	14,600	48,395	0	0
Oilseed Commission	68,064	0	68,064	68,064	0	0	0	0
Pea and Lentil Commission	68,766	0	68,766	68,766	0	0	0	0
Potato Commission	695,006	0	695,006	657,094	37,912	0	0	0
Transportation Department	2,633,825	218,456	2,415,369	460,105	354,554	386,774	1,213,936	0
Wheat Commission	1,020,356	0	1,020,356	994,941	0	0	25,415	0
Illinois	17,571,750	368,541	17,203,209	16,749,209	0	454,000	0	0
Children and Family Services, Department of	2,749,246	0	2,749,246	2,749,246	0	0	0	0
Nature Preserves Commission	500,000	0	500,000	500,000	0	0	0	0
Nutrient Research and Education Council	4,123,526	0	4,123,526	4,123,526	0	0	0	0
Public Health, Department of	454,000	0	454,000	0	0	454,000	0	0
Transportation, Department of	9,744,978	368,541	9,376,437	9,376,437	0	0	0	0
Indiana	32,777,869	1,001,961	31,775,908	24,393,336	7,382,572	0	0	0
Economic Development Corporation	7,300,000	0	7,300,000	0	7,300,000	0	0	0
Natural Resources, Department of	3,215,311	815,953	2,399,358	2,316,786	82,572	0	0	0
Transportation, Department of	22,262,558	186,008	22,076,550	22,076,550	0	0	0	0
Iowa	14,471,132	3,146,055	11,325,077	8,856,324	2,424,124	44,629	0	0
Beef Council	438,439	0	438,439	438,439	0	0	0	0
Management, Department of Data; Division of Planning and Improvement	375,000	375,000	0	0	0	0	0	0
Midwest Dairy Association, Iowa Division	53,748	0	53,748	53,748	0	0	0	0
Natural Resources, Department of	4,471,907	2,771,055	1,700,852	1,503,222	153,001	44,629	0	0
Transportation, Department of	9,132,038	0	9,132,038	6,860,915	2,271,123	0	0	0
Kansas	12,652,250	2,583,385	10,068,865	7,537,068	184,773	50,000	2,297,024	0
Corn Commission	365,705	0	365,705	315,823	0	0	49,882	0
Grain Sorghum Commission	1,245,590	0	1,245,590	1,245,590	0	0	0	0
Soybean Commission	1,091,882	0	1,091,882	1,071,882	20,000	0	0	0
State Board of Regents	1,000,950	7,685	993,265	993,265	0	0	0	0
Sunflower Commission	12,862	0	12,862	12,862	0	0	0	0
Transportation, Department of	3,630,258	1,192,892	2,437,366	854,122	104,773	0	1,478,471	0
Water Office	1,769,184	728,610	1,040,574	271,903	0	0	768,671	0
Wheat Commission	1,355,158	0	1,355,158	1,245,158	60,000	50,000	0	0
Wildlife and Parks, Department of	2,180,661	654,198	1,526,463	1,526,463	0	0	0	0
Kentucky	31,186,521	5,621,733	25,564,788	20,475,396	4,829,598	0	259,794	0
Economic Development, Cabinet for	3,577,283	0	3,577,283	1,648,739	1,928,544	0	0	0

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Fish and Wildlife Resources, Department of	8,872,995	5,621,733	3,251,262	348,414	2,901,054	0	1,794	0
Nature Preserves, Office of Kentucky	20,767	0	20,767	20,767	0	0	0	0
Public Health, Department for	8,293,825	0	8,293,825	8,293,825	0	0	0	0
Soybean Promotion Board	430,219	0	430,219	430,219	0	0	0	0
Transportation Cabinet	9,991,432	0	9,991,432	9,733,432	0	0	258,000	0
Louisiana	45,656,537	21,806,594	23,849,943	16,921,908	6,760,756	0	83,640	83,639
Board of Regents	11,486,002	0	11,486,002	11,486,002	0	0	0	0
Coastal Protection and Restoration Authority	3,981,014	550,908	3,430,106	656,403	2,606,424	0	83,640	83,639
Transportation and Development, Department of	8,255,854	3,529,911	4,725,943	4,575,943	150,000	0	0	0
Wildlife and Fisheries, Department of	21,933,667	17,725,775	4,207,892	203,560	4,004,332	0	0	0
Maine	41,400,506	14,933,998	26,466,508	2,977,792	18,701,707	4,617,325	169,684	0
Agriculture, Conservation and Forestry, Department of	1,766,203	1,582,469	183,734	4,800	178,934	0	0	0
Aquaculture Innovation Center	511,217	511,217	0	0	0	0	0	0
Inland Fisheries and Wildlife, Department of	2,000,000	1,868,243	131,757	56,306	0	75,451	0	0
Marine Resources, Department of	1,170,818	889,657	281,161	223,445	39,284	18,432	0	0
MDI Biological Laboratory, Center for Biomedical Innovation	11,668,074	9,651,767	2,016,307	1,528,406	0	487,901	0	0
Technology Institute	22,429,936	0	22,429,936	415,000	18,333,276	3,680,660	1,000	0
Transportation, Department of	1,854,258	430,645	1,423,613	749,835	150,213	354,881	168,684	0
Maryland	41,003,629	831,311	40,172,318	35,406,320	4,765,998	0	0	0
Energy Administration	1,000,000	0	1,000,000	1,000,000	0	0	0	0
Environment, Department of	70,000	0	70,000	70,000	0	0	0	0
Health, Department of	15,000,000	0	15,000,000	15,000,000	0	0	0	0
Natural Resources, Department of	87,000	0	87,000	87,000	0	0	0	0
Technology Development Corporation	22,278,524	0	22,278,524	18,045,694	4,232,830	0	0	0
Transportation, Department of	2,568,105	831,311	1,736,794	1,203,626	533,168	0	0	0
Massachusetts	58,755,361	1,649,549	57,105,812	18,760,192	32,033,568	1,835,325	0	4,476,727
Clean Energy Technology Center	33,961,301	0	33,961,301	1,972,423	27,656,926	0	0	4,331,952
Environmental Protection, Department of	2,125,890	333,963	1,791,927	996,986	784,941	10,000	0	0
Fish and Game, Department of	280,312	157,441	122,871	0	36,197	86,674	0	0
Gaming Commission	1,359,461	248,637	1,110,824	746,772	364,052	0	0	0
MassVentures	195,000	0	195,000	195,000	0	0	0	0
Mental Health, Department of	2,971,914	0	2,971,914	1,040,838	563,800	1,367,276	0	0
Public Health, Department of	2,346,693	0	2,346,693	2,147,306	54,612	0	0	144,775
Technology Park Corporation	6,687,580	0	6,687,580	4,093,165	2,573,040	21,375	0	0
Transportation, Department of	8,177,210	609,508	7,567,702	7,567,702	0	0	0	0
Water Resources Authority	650,000	300,000	350,000	0	0	350,000	0	0

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Michigan	16,827,281	190,798	16,636,483	12,409,282	879,775	579,487	2,767,939	0
Agriculture and Rural Development, Department of	3,785,298	35,000	3,750,298	3,710,445	0	75	39,778	0
Economic Development Corporation	4,500,000	0	4,500,000	4,357,000	0	143,000	0	0
Environmental, Great Lakes, and Energy, Department of	1,374,488	155,798	1,218,690	1,156,708	13,222	0	48,760	0
Health and Human Services, Department of	852,096	0	852,096	852,096	0	0	0	0
Transportation, Department of	6,315,399	0	6,315,399	2,333,033	866,553	436,412	2,679,401	0
Minnesota	28,917,361	3,926,669	24,990,692	16,559,360	5,025,803	149,555	3,255,974	0
Agriculture, Department of	7,141,691	1,189,010	5,952,681	5,128,867	140,417	149,555	533,842	0
Employment and Economic Development, Department of	100,000	100,000	0	0	0	0	0	0
Forest Resources Council	167,362	23,780	143,582	143,582	0	0	0	0
Labor and Industry, Department of	933,353	808,354	124,999	99,999	25,000	0	0	0
Midwest Dairy Association, Minnesota Division	292,250	0	292,250	292,250	0	0	0	0
Natural Resources, Department of	1,828,394	1,785,025	43,369	33,018	10,351	0	0	0
Pollution Control Agency	40,889	0	40,889	27,549	13,340	0	0	0
Transportation, Department of	18,413,422	20,500	18,392,922	10,834,095	4,836,695	0	2,722,132	0
Mississippi	12,365,286	3,023,466	9,341,820	5,976,941	264,176	0	3,100,703	0
Agriculture and Commerce, Department of	270,332	0	270,332	270,332	0	0	0	0
Environmental Quality, Department of	902,684	0	902,684	902,684	0	0	0	0
Gulf States Marine Fisheries Commission	1,430,001	58,626	1,371,375	982,859	0	0	388,516	0
Marine Resources, Department of	4,833,162	2,351,341	2,481,821	2,481,821	0	0	0	0
Transportation, Department of	3,205,084	5,136	3,199,948	247,960	239,801	0	2,712,187	0
Wildlife, Fisheries, and Parks, Department of	1,724,023	608,363	1,115,660	1,091,285	24,375	0	0	0
Missouri	17,580,231	4,344,942	13,235,289	10,350,386	2,668,221	100,148	116,534	0
Agriculture, Department of	984,588	0	984,588	960,770	14,104	9,714	0	0
Conservation, Department of	6,743,448	3,501,656	3,241,792	3,054,824	0	90,434	96,534	0
Mental Health, Department of	485,000	0	485,000	485,000	0	0	0	0
Midwest Dairy Association, Missouri Division	50,877	0	50,877	50,877	0	0	0	0
Natural Resources, Department of	849,546	0	849,546	849,546	0	0	0	0
Technology Corporation	3,538,639	0	3,538,639	1,979,775	1,558,864	0	0	0
Transportation, Department of	4,028,969	0	4,028,969	2,933,716	1,095,253	0	0	0
Wine and Grape Board	899,164	843,286	55,878	35,878	0	0	20,000	0
Montana	14,667,731	4,810,365	9,857,366	8,862,320	37,753	585,793	371,500	0
Agriculture, Department of	5,587,028	0	5,587,028	5,587,028	0	0	0	0
Environmental Quality, Department of	206,364	206,364	0	0	0	0	0	0
Fish, Wildlife and Parks, Department of	6,887,404	4,147,421	2,739,983	2,739,983	0	0	0	0
Natural Resources and Conservation, Department of	8,670	0	8,670	8,670	0	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Transportation, Department of	1,978,265	456,580	1,521,685	526,639	37,753	585,793	371,500	0
Nebraska	31,562,589	802,690	30,759,899	27,318,591	3,318,073	39,422	48,200	35,613
Agriculture, Department of	949,078	0	949,078	821,507	108,149	19,422	0	0
Corn Board	786,777	0	786,777	786,777	0	0	0	0
Dry Bean Commission	154,550	0	154,550	154,550	0	0	0	0
Economic Development, Department of	4,867,332	0	4,867,332	1,973,252	2,894,080	0	0	0
Game and Parks Commission	3,146,687	716,073	2,430,614	2,164,770	265,844	0	0	0
Grain Sorghum Board	3,000	0	3,000	3,000	0	0	0	0
Health and Human Services, Department of	18,981,074	0	18,981,074	18,981,074	0	0	0	0
Natural Resources, Department of	50,000	0	50,000	0	50,000	0	0	0
Pea And Lentil Commission	34,292	0	34,292	34,292	0	0	0	0
Transportation, Department of	1,745,533	86,617	1,658,916	1,595,103	0	0	28,200	35,613
Wheat Board	844,266	0	844,266	804,266	0	20,000	20,000	0
Nevada	6,811,110	642,255	6,168,855	3,835,551	40,368	0	2,292,936	0
Agriculture, Department of	203,079	203,079	0	0	0	0	0	0
Conservation and Natural Resources, Department of	2,916,818	439,176	2,477,642	1,247,962	0	0	1,229,680	0
Economic Development, Governor's office of	2,164,225	0	2,164,225	2,164,225	0	0	0	0
Transportation, Department of	1,526,988	0	1,526,988	423,364	40,368	0	1,063,256	0
New Hampshire	1,257,547	88,795	1,168,752	394,554	145,627	34,957	593,614	0
Agriculture, Markets and Food, Department of	156,922	0	156,922	121,965	0	34,957	0	0
Transportation, Department of	1,100,625	88,795	1,011,830	272,589	145,627	0	593,614	0
New Jersey	114,110,735	4,104,226	110,006,509	54,094,053	1,078,900	54,722,173	111,383	0
Children and Families, Department of	1,377,857	179,345	1,198,512	1,014,512	0	120,000	64,000	0
Corrections, Department of	544,202	544,202	0	0	0	0	0	0
Environmental Protection, Department of	8,270,381	2,452,922	5,817,459	2,895,717	428,824	2,445,535	47,383	0
Health, Department of	90,391,750	0	90,391,750	41,235,112	0	49,156,638	0	0
Pinelands Commission	782,819	781,071	1,748	0	1,748	0	0	0
Secretary of Higher Education, Office of	7,500,000	0	7,500,000	4,500,000	0	3,000,000	0	0
State Parole Board	146,686	146,686	0	0	0	0	0	0
Transportation, Department of	5,097,040	0	5,097,040	4,448,712	648,328	0	0	0
New Mexico	3,543,922	1,296,000	2,247,922	1,988,385	69,125	34,882	155,530	0
Game and Fish, Department of	1,129,000	296,000	833,000	813,000	20,000	0	0	0
Transportation, Department of	2,342,423	1,000,000	1,342,423	1,102,886	49,125	34,882	155,530	0
Western State Air Resources Council	72,499	0	72,499	72,499	0	0	0	0
New York	472,861,004	304,438,429	168,422,575	84,119,950	44,529,027	30,247,214	637,797	8,888,587
Agriculture and Markets, Department of	12,594,295	2,395,000	10,199,295	10,199,295	0	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Economic Development, Department of	61,938,660	0	61,938,660	40,035,660	6,500,000	15,403,000	0	0
Energy Research and Development Authority	57,430,498	9,342,472	48,088,026	2,294,921	36,904,518	0	0	8,888,587
Environmental Conservation, Department of	12,057,644	3,740,360	8,317,284	7,654,733	14,000	469,353	179,198	0
Health, Department of	42,057,299	28,078,903	13,978,396	8,666,812	1,067,227	4,219,630	24,727	0
Mental Health, Office of	169,554,913	152,569,872	16,985,041	13,862,166	43,282	3,079,593	0	0
People with Developmental Disabilities, Office of	2,593,058	2,593,058	0	0	0	0	0	0
Power Authority	10,882,017	3,806,379	7,075,638	0	0	7,075,638	0	0
Roswell Park Comprehensive Cancer Center	87,787,967	87,787,967	0	0	0	0	0	0
State Museum	11,605,969	11,094,406	511,563	511,563	0	0	0	0
Thoroughbred Breeding and Development Fund Corporation	421,894	0	421,894	421,894	0	0	0	0
Transportation, Department of	3,936,790	3,030,012	906,778	472,906	0	0	433,872	0
North Carolina	39,656,480	17,211,359	22,445,121	14,761,790	7,135,451	135,780	412,100	0
Agriculture and Consumer Services, Department of	14,714,600	13,214,600	1,500,000	1,300,000	200,000	0	0	0
Biotechnology Center	8,020,782	0	8,020,782	2,905,771	4,890,011	50,000	175,000	0
Environmental Quality, Department of	1,172,150	1,172,150	0	0	0	0	0	0
Natural and Cultural Resources, Department of	2,585,696	2,068,112	517,584	258,999	0	21,485	237,100	0
Science, Technology & Innovation, Office of	2,011,840	0	2,011,840	0	2,011,840	0	0	0
Transportation, Department of	11,019,812	756,497	10,263,315	10,252,020	0	11,295	0	0
Wine and Grape Growers Council	131,600	0	131,600	45,000	33,600	53,000	0	0
North Dakota	39,052,516	1,437,702	37,614,814	20,355,333	13,287,802	290,548	3,681,131	0
Agriculture, Department of	1,276,724	0	1,276,724	0	1,178,565	98,159	0	0
Dry Pea and Lentil Commission	332,940	0	332,940	332,940	0	0	0	0
Game and Fish, Department of	1,197,474	250,000	947,474	885,310	0	62,164	0	0
Historical Society of North Dakota	1,326,254	1,135,584	190,670	0	0	30,225	160,445	0
Industrial Commission	30,205,490	0	30,205,490	14,775,567	12,109,237	0	3,320,686	0
Soybean Council	1,944,108	0	1,944,108	1,944,108	0	0	0	0
Transportation, Department of	1,539,234	52,118	1,487,116	1,287,116	0	0	200,000	0
Wheat Commission	1,230,292	0	1,230,292	1,130,292	0	100,000	0	0
Ohio	73,535,535	3,342,419	70,193,116	26,851,660	42,062,666	1,134,423	144,367	0
Development, Department of	48,789,758	0	48,789,758	8,514,649	40,275,109	0	0	0
Education and Workforce, Department of	305,000	35,000	270,000	270,000	0	0	0	0
Mental Health and Addictions Services, Department of	13,345,000	2,345,000	11,000,000	10,000,000	0	1,000,000	0	0
Natural Resources, Department of	4,044,548	962,419	3,082,129	3,066,929	15,200	0	0	0
Transportation, Department of	6,007,875	0	6,007,875	4,056,728	1,772,357	34,423	144,367	0
Water Development Authority	1,043,354	0	1,043,354	943,354	0	100,000	0	0
Oklahoma	31,173,972	1,157,820	30,016,152	19,173,654	5,703,522	3,144,324	1,994,652	0

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Advancement of Science and Technology, Center for the	7,911,543	0	7,911,543	2,058,021	5,703,522	150,000	0	0
Agriculture, Food, and Forestry, Department of	804,700	0	804,700	804,700	0	0	0	0
Grand River Dam Authority	410,000	250,000	160,000	160,000	0	0	0	0
Health, Department of	1,275,333	394,051	881,282	881,282	0	0	0	0
Tobacco Settlement Endowment Trust	13,430,000	0	13,430,000	10,550,000	0	2,880,000	0	0
Transportation, Department of	4,725,224	492,768	4,232,456	2,237,804	0	0	1,994,652	0
Wildlife Conservation, Department of	2,617,172	21,001	2,596,171	2,481,847	0	114,324	0	0
Oregon	34,898,696	14,534,155	20,364,541	11,052,350	3,472,762	3,035,196	2,804,233	0
Agriculture, Department of	307,403	0	307,403	269,903	37,500	0	0	0
Business Development Department	12,685,262	0	12,685,262	5,700,000	3,360,262	2,250,000	1,375,000	0
Education, Department of	107,000	107,000	0	0	0	0	0	0
Fish and Wildlife, Department of	15,842,487	12,536,982	3,305,505	2,409,113	0	0	896,392	0
Forestry, Department of	700,000	350,000	350,000	50,000	75,000	75,000	150,000	0
Geology and Mineral Industries, Department of	906,807	906,807	0	0	0	0	0	0
Transportation, Department of	2,677,532	237,892	2,439,640	2,383,640	0	0	56,000	0
Water Resources Department	710,934	384,093	326,841	0	0	0	326,841	0
Watershed Enhancement Board	961,271	11,381	949,890	239,694	0	710,196	0	0
Pennsylvania	95,489,670	15,446,289	80,043,381	45,509,775	879,884	33,645,222	8,500	0
Agriculture, Department of	2,837,000	0	2,837,000	2,597,323	0	239,677	0	0
Community and Economic Development, Department of	25,525,000	0	25,525,000	6,100,000	0	19,425,000	0	0
Conservation and Natural Resources, Department of	691,862	120,000	571,862	146,002	0	425,860	0	0
Environmental Protection, Department of	580,570	41,473	539,097	0	539,097	0	0	0
Fish and Boat Commission	133,434	89,822	43,612	43,612	0	0	0	0
Game Commission	15,488,147	15,018,344	469,803	469,803	0	0	0	0
Health, Department of	48,286,175	0	48,286,175	34,731,490	0	13,554,685	0	0
Susquehanna River Basin Commission	197,000	176,650	20,350	0	11,850	0	8,500	0
Transportation, Department of	1,750,482	0	1,750,482	1,421,545	328,937	0	0	0
Rhode Island	2,668,740	342,028	2,326,712	566,772	1,086,473	580,000	93,467	0
Commerce Corporation	886,473	0	886,473	0	886,473	0	0	0
Fish and Wildlife; Environmental Management, Department of	297,891	0	297,891	297,891	0	0	0	0
Marine Fisheries; Environmental Management, Department of	68,881	0	68,881	68,881	0	0	0	0
Narragansett Bay National Estuarine Research Reserve; Environmental Management, Department of	272,028	272,028	0	0	0	0	0	0
Transportation, Department of	1,050,000	70,000	980,000	200,000	200,000	580,000	0	0
Water Resources Board	93,467	0	93,467	0	0	0	93,467	0
South Carolina	60,272,615	37,802,089	22,470,526	6,300,865	793,300	14,257,246	625,090	494,025

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Agriculture, Department of	1,371,340	0	1,371,340	1,371,340	0	0	0	0
Disabilities and Special Needs, Department of	14,169,753	0	14,169,753	0	0	14,169,753	0	0
Health and Environmental Control, Department of	1,578,338	1,578,338	0	0	0	0	0	0
Natural Resources, Department of	33,406,763	32,991,106	415,657	350,200	8,300	6,393	50,764	0
Public Service Authority	524,025	0	524,025	30,000	0	0	0	494,025
Research Authority	2,281,886	0	2,281,886	1,496,886	785,000	0	0	0
Sea Grant Consortium	5,249,736	2,922,829	2,326,907	1,955,403	0	81,100	290,404	0
Transportation, Department of	1,690,774	309,816	1,380,958	1,097,036	0	0	283,922	0
South Dakota	5,069,428	319,204	4,750,224	3,413,940	1,039,187	72,097	225,000	0
Corn Utilization Council	72,097	0	72,097	0	0	72,097	0	0
Midwest Dairy Association, South Dakota Division	159,219	0	159,219	159,219	0	0	0	0
Nutrient Research and Education Council	1,110,090	0	1,110,090	1,067,190	42,900	0	0	0
Oilseeds Council	130,003	0	130,003	130,003	0	0	0	0
Pulse Crop Council	34,292	0	34,292	34,292	0	0	0	0
Soybean Research and Promotion Council	833,323	17,314	816,009	591,009	0	0	225,000	0
Transportation, Department of	2,046,079	301,890	1,744,189	747,902	996,287	0	0	0
Weed and Pest Control Commission	47,000	0	47,000	47,000	0	0	0	0
Wheat Commission	637,325	0	637,325	637,325	0	0	0	0
Tennessee	88,292,627	0	88,292,627	16,698,320	69,825,540	1,318,767	450,000	0
Economic and Community Development, Department of	31,582,387	0	31,582,387	5,240,000	25,392,387	500,000	450,000	0
Education, Department of	49,478,612	0	49,478,612	8,732,584	39,927,261	818,767	0	0
Environment and Conservation, Department of	765,089	0	765,089	759,197	5,892	0	0	0
LaunchTN	4,500,000	0	4,500,000	0	4,500,000	0	0	0
Transportation, Department of	1,966,539	0	1,966,539	1,966,539	0	0	0	0
Texas	263,798,186	1,529,174	262,269,012	196,749,730	63,778,677	590,168	1,150,437	0
Agriculture, Department of	741,393	0	741,393	391,426	0	349,967	0	0
Animal Health Commission	16,968	16,968	0	0	0	0	0	0
Cancer Prevention and Research Institute	231,042,658	0	231,042,658	167,614,588	63,428,070	0	0	0
Environmental Quality, Commission on	2,625,587	69,773	2,555,814	2,264,366	291,448	0	0	0
Parks and Wildlife Department	5,793,793	1,442,433	4,351,360	4,106,974	0	240,201	4,185	0
Transportation, Department of	22,375,505	0	22,375,505	21,706,253	0	0	669,252	0
Water Development Board	1,202,282	0	1,202,282	666,123	59,159	0	477,000	0
Utah	11,350,593	8,312,136	3,038,457	1,671,526	868,740	0	498,191	0
Environmental Quality, Department of	1,956,435	537,957	1,418,478	808,901	111,386	0	498,191	0
Natural Resources, Department of	6,467,965	6,467,965	0	0	0	0	0	0
Transportation, Department of	2,926,193	1,306,214	1,619,979	862,625	757,354	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Vermont	1,724,837	1,298,300	426,537	238,443	188,094	0	0	0
Agriculture, Food, and Markets, Agency of	9,419	0	9,419	0	9,419	0	0	0
Human Services, Agency of	798,646	798,646	0	0	0	0	0	0
Natural Resources, Agency of	26,031	0	26,031	26,031	0	0	0	0
Transportation, Agency of	890,741	499,654	391,087	212,412	178,675	0	0	0
Virginia	57,082,897	19,597,013	37,485,884	24,221,300	10,741,915	269,615	2,253,054	0
Agriculture and Consumer Services, Department of	3,728,575	0	3,728,575	3,728,575	0	0	0	0
Commonwealth Health Research Board	1,608,870	0	1,608,870	1,608,870	0	0	0	0
Education, Department of	1,000,000	750,000	250,000	250,000	0	0	0	0
Energy, Department of	1,664,444	1,592,500	71,944	15,994	0	55,950	0	0
Environmental Quality, Department of	449,060	153,998	295,062	104,118	0	0	190,944	0
Forensic Science, Department of	1,163,967	1,163,967	0	0	0	0	0	0
Forestry, Department of	823,618	823,618	0	0	0	0	0	0
Foundation for Healthy Youth	1,192,122	0	1,192,122	1,192,122	0	0	0	0
Innovation Partnership Authority	16,517,486	2,265,938	14,251,548	4,193,183	10,044,700	13,665	0	0
Marine Resources Commission	1,941,990	279,880	1,662,110	0	0	0	1,662,110	0
Natural History, Museum of	1,112,900	1,112,900	0	0	0	0	0	0
Rail and Public Transportation	525,000	125,000	400,000	0	0	0	400,000	0
Social Services, Department of	1,123,500	1,123,500	0	0	0	0	0	0
Transportation, Department of	20,297,649	9,660,310	10,637,339	10,637,339	0	0	0	0
Veterans Services, Department of	1,562,314	0	1,562,314	1,265,099	297,215	0	0	0
Wildlife Resources, Department of	2,371,402	545,402	1,826,000	1,226,000	400,000	200,000	0	0
Washington	77,892,601	42,774,429	35,118,172	18,928,050	10,747,405	873,863	4,568,854	0
Agriculture, Department of	3,545,097	0	3,545,097	2,382,150	571,176	404,137	187,634	0
Alfalfa Seed Commission	17,000	0	17,000	17,000	0	0	0	0
Asparagus Commission	33,000	0	33,000	0	33,000	0	0	0
Blueberry Commission	231,487	0	231,487	146,116	85,371	0	0	0
Commerce, Department of	7,989,275	0	7,989,275	0	5,324,115	469,726	2,195,434	0
Cranberry Commission	11,000	0	11,000	0	11,000	0	0	0
Ecology, Department of	2,724,112	1,810,625	913,487	913,487	0	0	0	0
Fish and Wildlife, Department of	22,265,674	21,880,775	384,899	0	384,899	0	0	0
Fruit Commission	60,000	0	60,000	60,000	0	0	0	0
Grain Commission	2,135,826	0	2,135,826	2,135,826	0	0	0	0
Health, Department of	1,485,000	1,411,000	74,000	74,000	0	0	0	0
Hop Commission	164,546	0	164,546	123,425	41,121	0	0	0
Integrated Pest Management, Commission on	432,913	0	432,913	432,913	0	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Labor and Industries, Department of	3,918,652	3,918,652	0	0	0	0	0	0
Mint Commission	40,529	0	40,529	40,529	0	0	0	0
Natural Resources, Department of	16,368,691	11,714,701	4,653,990	1,939,213	1,931,229	0	783,548	0
Oilseeds Commission	118,784	0	118,784	108,334	10,450	0	0	0
Potato Commission	879,508	0	879,508	632,270	68,000	0	179,238	0
Puget Sound Partnership	3,715,000	115,000	3,600,000	1,500,000	900,000	0	1,200,000	0
Pulse Crops Commission	142,290	0	142,290	142,290	0	0	0	0
Red Raspberry Commission	209,188	0	209,188	125,067	61,121	0	23,000	0
Transportation, Department of	5,472,000	1,535,000	3,937,000	3,717,000	220,000	0	0	0
Tree Fruit Research Commission	5,482,677	388,676	5,094,001	3,988,078	1,105,923	0	0	0
Turfgrass Seed Commission	118,269	0	118,269	118,269	0	0	0	0
Wine Commission	332,083	0	332,083	332,083	0	0	0	0
West Virginia	11,946,339	4,775,295	7,171,044	6,403,396	24,000	5,000	738,648	0
Agriculture, Department of	160,000	160,000	0	0	0	0	0	0
Geological and Economic Survey	3,192,295	2,843,833	348,462	348,462	0	0	0	0
Higher Education Policy Commission	4,412,628	29,186	4,383,442	4,354,442	24,000	5,000	0	0
Justice and Community Services, Division of Administrative Services	416,939	416,939	0	0	0	0	0	0
Natural Resources, Division of	1,563,193	1,051,541	511,652	511,652	0	0	0	0
Transportation, Department of	2,201,284	273,796	1,927,488	1,188,840	0	0	738,648	0
Wisconsin	15,612,828	5,361,683	10,251,145	5,014,324	2,385,256	202,139	2,649,426	0
Agriculture, Trade and Consumer Protection, Department of	2,599,764	0	2,599,764	945,284	1,449,692	201,812	2,976	0
Economic Development Corporation	1,500,000	0	1,500,000	1,500,000	0	0	0	0
Natural Resources, Department of	7,355,100	4,990,353	2,364,747	1,541,733	419,725	327	402,962	0
Transportation, Department of	4,157,964	371,330	3,786,634	1,027,307	515,839	0	2,243,488	0
Wyoming	13,781,859	4,232,861	9,548,998	2,798,397	6,502,163	67,626	180,812	0
Agriculture, Department of	657,131	0	657,131	275,806	132,887	67,626	180,812	0
Business Council	1,044,968	0	1,044,968	0	1,044,968	0	0	0
Enhanced Oil Recovery Institute	6,445,631	550,834	5,894,797	596,139	5,298,658	0	0	0
Game and Fish Department	1,323,535	626,122	697,413	671,763	25,650	0	0	0
State Geological Survey	2,946,055	2,946,055	0	0	0	0	0	0
Transportation, Department of	967,025	109,850	857,175	857,175	0	0	0	0
Water Development Office	397,514	0	397,514	397,514	0	0	0	0
Puerto Rico ^h	48,065,120	34,169,608	13,895,512	6,092,033	4,147,021	0	3,656,458	0
Agriculture, Department of	141,550	0	141,550	141,550	0	0	0	0
Economic Development and Commerce, Department of	5,000,000	0	5,000,000	2,500,000	2,500,000	0	0	0
Comprehensive Cancer Center	21,142,003	13,377,000	7,765,003	2,661,524	1,447,021	0	3,656,458	0

Table 20. State agency expenditures for R&D, by state department or agency and performer: FY 2024

(Dollars)

State and department or agency	All R&D expenditures	Intramural performers ^a	Extramural performers ^b					
			Total	Higher education institutions	Companies and individuals ^c	Nonprofit organizations ^d	Other governments ^e	All other ^f
Health, Department of	15,788,813	15,788,813	0	0	0	0	0	0
Institute of Statistics	2,113,301	2,113,301	0	0	0	0	0	0
Science, Technology and Research Trust	3,879,453	2,890,494	988,959	788,959	200,000	0	0	0

^a 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.

^b Extramural performers refers to those outside the department or agency who perform R&D.

^c Companies and individuals includes individuals under contract for research projects.

^d Nonprofit organizations includes foundations.

^e Other governments includes federal government departments and agencies; other departments or agencies within the state; other state governments; and county, city, special district, or regional local governments.

^f All other extramural performers includes all performers not elsewhere classified.

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

^h 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 2024.