National Center for Science and Engineering Statistics

Data Tables Report

Survey of State Government Research and Development: FY 2025

NSF 27-302 | November 05, 2026

Contents

General Notes	2
Data Tables	3
Technical Notes	96
Technical Table	106
Acknowledgments	108
Suggested Citation	109
Contact Us	110

General Notes

These tables present the results of the FY 2025 Survey of State Government Research and Development, conducted by the Census Bureau under an interagency agreement with the National Center for Science and Engineering Statistics (NCSES) within the U.S. National Science Foundation. The Census Bureau employed a methodology similar to one they use to collect data from state and local governments on other surveys.

The survey was distributed to departments, agencies, commissions, public authorities, and other state-run entities within the 50 states, the District of Columbia, and Puerto Rico that were considered likely to conduct or fund research and development (R&D) activities. (The District of Columbia and Puerto Rico are referred to as states and treated as state equivalents throughout this report.) Respondents that did not have a qualifying R&D activity were not required to complete the questionnaire beyond a screening question. All 50 states, the District of Columbia, and Puerto Rico participated in the survey. Respondents were asked to provide statistics on their total R&D expenditures and amounts for intramural and extramural performers; the amount of intramural R&D devoted to basic research, applied research, and experimental development activities by federal and nonfederal funds; the amount for which the federal government was an original source of funds for both intramural and extramural R&D and from which federal agency the funding came; and the amount of money allocated to particular government functions. An additional question asked for expenditures on construction and acquisition of R&D facilities and major equipment. Additional questions were asked about the number of employees (researchers, technicians, and support staff) and full-time equivalent personnel for intramural R&D.

NCSES has reviewed this product for unauthorized disclosure of confidential information and approved its release (NCSES-DRN26-048).

Data Tables

State government expenditures for R&D and R&D plant: FY 2025

Table	Title
1	State government expenditures for R&D and R&D plant, by state and performer: FY 2025

State government expenditures for R&D, by state

Table	Title
2	State government expenditures for R&D, by state: FYs 2006–25
3	State government expenditures for R&D for all performers, by state and source of funds: FY 2025
4	State government expenditures for R&D for intramural performers, by state and source of funds: FY 2025
5	State government expenditures for R&D by intramural performers, by state: FYs 2006–25
6	State government expenditures for intramural R&D, by state and type of R&D: FY 2025
7	State government expenditures for R&D, by state and function of R&D: FY 2025
8	State government expenditures for agriculture-related R&D, by state: FYs 2009–25
9	State government expenditures for energy-related R&D, by state: FYs 2009–25
10	State government expenditures for environment and natural resources-related R&D, by state: FYs 2009–25
11	State government expenditures for health-related R&D, by state: FYs 2009–25
12	State government expenditures for transportation-related R&D, by state: FYs 2009–25
13	State government expenditures for other R&D functions not separately identified, by state: FYs 2009–25
14	State government expenditures for R&D funded from federal sources, by state: FYs 2006–25
15	State government expenditures for R&D funded from federal sources, by state and federal agency: FY 2025

State government expenditures for R&D, by state department or agency

Table	Title
16	State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025
17	State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025
18	State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025
19	State agency expenditures for R&D, by state department or agency and performer: FY 2025
20	State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

State government intramural R&D personnel, by state department or agency

Table	Title
21	State agency intramural R&D personnel, by state department or agency, headcount, and full-time equivalent: FY 2025
22	State government intramural R&D personnel, by state and headcount: FYs 2021–25
23	State government intramural R&D personnel, by state and full-time equivalent: FYs 2021–25

Table 1. State government expenditures for R&D and R&D plant, by state and performer: FY 2025

(Dollars)

State	R&D expenditures[a]								R&D plant expenditures[h]		
			Extramural performers[c]								
	All R&D expenditures	Intramural performers[b]	Total	Higher education institutions	Companies and individuals[d]	Nonprofit organizations[e]	Other governments[f]	All other[g]	All R&D plant expenditures	Intramural	Extramural
United States[i]	3,476,670,445	785,021,295	2,691,649,150	1,342,715,998	803,403,381	391,943,144	84,748,482	68,838,145	85,546,851	38,979,694	46,567,157
Alabama	60,874,158	10,337,767	50,536,391	10,961,060	1,028,343	37,036,880	1,510,108	0	0	0	0
Alaska	22,105,955	16,573,390	5,532,565	2,470,670	1,434,992	47,756	206,589	1,372,558	0	0	0
Arizona	21,891,068	2,289,062	19,602,006	10,093,275	3,361,989	6,146,742	0	0	0	0	0
Arkansas	13,406,865	1,695,894	11,710,971	11,621,611	68,456	16,149	4,755	0	0	0	0
California	907,649,560	113,614,851	794,034,709	265,078,594	349,014,879	111,665,161	15,239,017	53,037,058	3,714,347	0	3,714,347
Colorado	41,286,271	12,615,231	28,671,040	15,329,128	11,283,605	1,077,517	880,915	99,875	0	0	0
Connecticut	60,092,992	30,922,613	29,170,379	3,313,903	24,399,923	0	24,288	1,432,265	0	0	0
Delaware	3,344,546	1,762,951	1,581,595	1,013,934	487,661	0	80,000	0	0	0	0
District of Columbia	8,841,911	6,052,708	2,789,203	478,799	1,455,908	754,496	100,000	0	0	0	0
Florida	295,723,845	65,256,790	230,467,055	117,840,698	1,796,961	110,768,454	60,942	0	7,065,865	7,065,865	0
Georgia	29,453,124	2,826,861	26,626,263	15,316,375	8,300,218	1,883,337	916,333	210,000	0	0	0
Hawaii	7,444,283	1,770,781	5,673,502	4,027,872	1,540,005	75,625	30,000	0	0	0	0
Idaho	19,983,742	6,426,852	13,556,890	5,774,301	4,399,610	249,131	3,133,848	0	100,000	0	100,000
Illinois	22,577,901	100,000	22,477,901	18,696,017	303,723	3,225,499	252,662	0	9,000,000	9,000,000	0
Indiana	20,846,823	1,922,247	18,924,576	11,973,376	6,349,391	414,559	187,250	0	0	0	0
Iowa	14,187,890	3,032,032	11,155,858	8,152,553	2,972,552	30,753	0	0	0	0	0
Kansas	13,101,629	1,979,123	11,122,506	6,026,897	316,130	78,270	4,701,209	0	0	0	0
Kentucky	31,621,699	4,188,885	27,432,814	23,694,980	3,462,699	75,135	200,000	0	0	0	0
Louisiana	25,188,792	3,736,044	21,452,748	17,308,533	3,851,481	0	292,734	0	0	0	0
Maine	42,381,231	12,755,250	29,625,981	3,177,286	19,671,800	6,144,981	631,914	0	1,186,398	1,163,589	22,809
Maryland	47,794,901	278,112	47,516,789	37,587,845	7,458,944	2,400,000	70,000	0	0	0	0
Massachusetts	48,602,573	1,596,605	47,005,968	15,205,757	29,170,037	2,130,174	0	500,000	4,479,333	100,000	4,379,333
Michigan	18,209,820	207,682	18,002,138	11,752,182	1,483,872	1,249,678	3,434,950	81,456	0	0	0
Minnesota	35,360,341	7,519,408	27,840,933	19,830,158	4,780,068	112,346	3,118,361	0	0	0	0
Mississippi	12,259,629	1,811,828	10,447,801	5,951,365	644,862	1,512,065	2,118,592	220,917	0	0	0
Missouri	21,642,158	4,291,918	17,350,240	15,816,240	1,230,473	122,251	181,276	0	5,213,000	3,000,000	2,213,000
Montana	15,519,383	5,716,477	9,802,906	8,309,568	241,793	589,545	662,000	0	0	0	0
Nebraska	31,904,735	3,204,418	28,700,317	24,989,655	3,515,059	118,838	65,141	11,624	0	0	0
Nevada	11,295,697	530,232	10,765,465	8,039,143	110,497	127,843	2,487,982	0	0	0	0
New Hampshire	576,762	175,159	401,603	288,395	85,258	4,950	23,000	0	0	0	0
New Jersey	92,749,768	3,976,391	88,773,377	55,889,064	11,791,914	20,996,399	96,000	0	0	0	0
New Mexico	3,505,257	1,310,000	2,195,257	1,958,642	68,873	27,947	139,795	0	0	0	0
New York	466,078,608	285,567,190	180,511,418	100,484,075	41,307,723	30,139,595	346,737	8,233,288	15,900,000	15,900,000	0
North Carolina	40,186,090	17,355,934	22,830,156	15,133,791	7,164,353	8,812	523,200	0	1,000,000	1,000,000	0
North Dakota	33,135,450	1,166,823	31,968,627	18,308,017	12,904,600	677,645	78,365	0	0	0	0

Table 1. State government expenditures for R&D and R&D plant, by state and performer: FY 2025

(Dollars)

State	R&D expenditures[a]								R&D plant expenditures[h]		
	All R&D expenditures	Intramural performers[b]	Extramural performers[c]								
			Total	Higher education institutions	Companies and individuals[d]	Nonprofit organizations[e]	Other governments[f]	All other[g]	All R&D plant expenditures	Intramural	Extramural
Ohio	79,186,949	2,601,066	76,585,883	22,169,183	53,790,014	261,082	365,604	0	313,361	313,361	0
Oklahoma	34,440,407	916,454	33,523,953	20,494,863	7,702,175	3,373,920	1,952,995	0	0	0	0
Oregon	41,638,564	13,392,374	28,246,190	12,031,989	3,615,064	4,625,173	7,873,964	100,000	0	0	0
Pennsylvania	74,628,718	19,256,559	55,372,159	14,569,956	2,051,630	21,544,994	17,205,579	0	0	0	0
Rhode Island	5,817,932	352,850	5,465,082	3,424,971	1,370,442	669,669	0	0	0	0	0
South Carolina	60,332,935	36,414,738	23,918,197	9,796,578	1,017,209	12,364,835	329,673	409,902	0	0	0
South Dakota	6,800,916	339,154	6,461,762	4,546,239	1,128,059	580,000	207,464	0	950,000	0	950,000
Tennessee	136,998,540	273,196	136,725,344	75,735,434	59,961,340	5,280	1,023,290	0	32,296,705	0	32,296,705
Texas	299,999,621	527,919	299,471,702	216,815,684	78,874,683	575,905	3,205,430	0	0	0	0
Utah	26,033,161	8,444,401	17,588,760	14,319,306	1,269,454	2,000,000	0	0	0	0	0
Vermont	915,594	427,547	488,047	188,603	299,444	0	0	0	0	0	0
Virginia	58,638,682	18,335,191	40,303,491	25,648,485	11,046,699	1,253,024	2,355,283	0	1,138,633	138,633	1,000,000
Washington	79,481,363	35,267,390	44,213,973	20,480,055	9,867,242	4,579,064	6,208,410	3,079,202	1,890,963	0	1,890,963
West Virginia	11,732,040	6,261,546	5,470,494	5,270,829	27,821	121,844	0	50,000	1,298,246	1,298,246	0
Wisconsin	10,684,964	4,968,929	5,716,035	3,064,891	679,368	0	1,971,776	0	0	0	0
Wyoming	8,514,602	2,674,472	5,840,130	2,265,173	3,244,085	79,821	251,051	0	0	0	0
Puerto Rico[j]	44,071,899	25,462,725	18,609,174	4,238,229	3,607,004	5,056,250	5,707,691	0	107,843	107,843	0

[a] R&D expenditures does not include R&D plant.
[b] 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.
[c] Extramural performers refers to those outside the department or agency who perform R&D.
[d] Companies and individuals includes individuals under contract for research projects.
[e] Nonprofit organizations includes foundations.
[f] Other governments includes federal government departments and agencies; other departments or agencies within the state; other state governments; and city, county, regional, township, or other local governments.
[g] All other extramural performers includes all performers not elsewhere classified.
[h] R&D plant expenditures includes acquisition of land, facilities, major equipment, and major building renovations intended primarily for R&D use.
[i] U.S. total reflects all 50 states and the District of Columbia.
[j] 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.

Table 2. State government expenditures for R&D, by state: FYs 2006–25

(Dollars)

State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[a]	1,059,104,585	1,161,477,543	NA	1,616,483,243	1,756,297,891	1,990,338,324	2,042,260,292	2,028,219,263	1,905,585,762	2,265,232,945	2,314,376,833	2,467,761,297	2,530,723,104	2,412,042,977	2,434,176,595	2,518,672,856	2,644,200,416	3,024,001,237	3,332,854,455	3,476,670,445
Alabama	7,269,319	9,065,725	NA	12,929,167	15,113,917	19,684,063	17,352,984	13,292,741	18,532,534	24,486,963	24,798,503	25,768,709	21,652,816	19,763,230	25,695,555	29,812,345	88,219,991	83,778,649	65,159,736	60,874,158
Alaska	10,019,060	9,526,100	NA	7,741,467	9,274,800	11,349,400	5,467,944	6,689,384	12,031,675	11,258,203	10,072,650	9,198,095	10,811,808	12,502,109	15,193,507	19,671,388	17,157,228	19,451,112	18,477,002	22,105,955
Arizona	37,151,471	20,442,635	NA	9,363,943	17,682,315	18,626,577	22,809,895	27,810,970	18,820,149	14,942,124	15,679,948	14,008,740	12,937,292	17,332,044	16,010,502	15,011,508	7,946,421	14,011,612	17,162,845	21,891,068
Arkansas	4,869,648	7,658,199	NA	11,465,214	14,446,084	14,705,327	15,518,374	16,518,947	14,994,903	16,642,711	17,242,823	15,891,579	16,325,049	21,098,863	19,921,168	9,908,767	9,759,708	9,513,651	13,727,825	13,406,865
California	145,880,736	120,641,324	NA	299,929,949	328,982,383	407,616,001	401,522,758	346,942,036	356,158,885	568,971,595	547,188,835	485,647,081	633,060,621	526,918,585	533,900,597	520,234,299	490,081,806	594,541,351	800,971,651	907,649,560
Colorado	8,997,236	11,924,981	NA	14,849,581	20,828,274	18,141,931	14,928,809	14,471,683	15,745,589	16,321,056	16,647,592	25,575,648	30,640,420	36,586,577	34,365,638	38,436,248	37,073,342	39,665,229	42,146,785	41,286,271
Connecticut	19,209,064	29,285,710	NA	28,559,052	40,065,786	39,192,091	40,017,523	41,023,368	47,405,244	55,816,528	49,460,236	55,586,487	54,492,430	57,241,037	58,810,853	55,050,702	60,578,799	55,924,506	59,935,851	60,092,992
Delaware	2,812,102	2,611,108	NA	1,683,562	2,389,720	2,609,902	4,635,720	4,729,141	2,243,868	2,199,635	2,694,787	3,267,034	3,856,775	3,826,318	3,598,156	3,338,773	3,446,375	3,584,063	3,706,676	3,344,546
District of Columbia	1,173,076	2,009,000	NA	487,411	696,198	1,221,108	2,018,447	1,848,800	3,136,271	3,216,073	4,059,615	3,724,444	4,632,564	4,222,412	5,860,668	8,128,666	10,560,754	10,563,918	8,243,133	8,841,911
Florida	42,329,624	51,968,573	NA	66,513,756	120,848,726	150,764,438	136,706,540	118,781,266	157,004,903	191,598,669	156,057,854	201,901,742	186,499,418	170,508,724	184,600,202	178,360,429	180,145,644	222,882,689	326,433,033	295,723,845
Georgia	10,620,188	4,886,946	NA	6,662,887	8,923,795	11,690,663	12,820,412	12,697,846	11,776,221	10,052,848	13,093,428	14,043,200	18,120,602	18,875,484	15,877,238	18,798,826	24,988,379	20,739,193	28,195,324	29,453,124
Hawaii	12,067,849	22,643,330	NA	13,976,364	14,233,186	13,103,983	11,145,520	13,094,794	13,125,455	11,520,961	18,032,316	11,414,756	12,981,754	7,325,591	11,122,545	10,315,823	6,337,851	5,280,407	6,358,304	7,444,283
Idaho	2,280,873	2,739,006	NA	8,552,058	9,059,568	9,366,052	11,785,529	12,929,174	12,862,935	12,935,976	14,501,235	15,029,122	15,690,791	17,828,263	21,882,976	18,210,054	20,444,262	18,670,602	14,897,781	19,983,742
Illinois	37,184,281	28,372,676	NA	9,570,893	16,553,689	17,207,125	17,859,438	17,999,229	24,988,306	30,817,406	19,774,448	18,582,210	17,501,801	17,548,556	16,055,917	32,739,430	32,230,820	45,892,027	17,571,750	22,577,901
Indiana	6,220,575	40,534,381	NA	47,549,928	8,444,832	6,983,364	7,667,988	10,167,120	23,590,723	9,987,058	13,279,466	16,966,067	19,814,418	12,357,151	9,591,408	10,485,205	12,104,856	24,179,311	32,777,869	20,846,823
Iowa	13,564,062	6,790,053	NA	37,976,643	12,950,176	36,992,222	16,147,249	19,365,308	10,357,010	11,277,534	12,296,647	9,343,267	9,710,381	9,386,675	11,877,131	10,579,028	10,636,720	10,137,542	14,471,132	14,187,890
Kansas	14,348,384	11,752,696	NA	12,305,385	6,509,225	6,635,626	6,160,680	5,708,223	5,326,455	6,462,317	7,385,081	10,358,152	14,274,887	12,355,458	13,152,904	15,002,554	17,633,236	10,389,303	10,824,621	13,101,629
Kentucky	17,558,997	11,960,634	NA	13,938,134	20,410,096	20,498,849	19,886,257	19,751,055	14,556,867	25,794,534	30,660,613	30,443,216	22,452,966	26,668,173	16,843,103	18,650,568	23,308,837	26,596,145	31,186,521	31,621,699
Louisiana	11,216,568	6,587,314	NA	8,285,478	9,165,144	14,979,079	18,143,396	15,713,110	18,778,159	32,175,199	27,268,166	41,455,247	37,057,152	35,142,225	31,965,852	32,115,461	31,843,839	31,663,714	45,656,537	25,188,792
Maine	17,509,051	27,525,552	NA	6,400,019	8,847,471	9,918,765	7,094,736	6,109,793	6,857,948	12,609,815	11,429,706	22,652,044	15,991,134	32,592,625	29,035,990	32,392,463	24,812,470	47,576,007	41,400,506	42,381,231
Maryland	24,945,119	40,298,691	NA	21,093,331	22,825,402	20,084,540	21,890,225	29,467,445	29,981,260	24,852,978	26,447,700	29,520,356	30,959,732	29,107,768	33,407,022	28,212,493	31,280,581	46,489,603	41,003,629	47,794,901
Massachusetts	10,729,419	5,600,189	NA	3,290,198	4,884,430	4,878,927	3,918,500	4,590,424	18,259,928	22,664,539	23,432,991	27,737,023	23,000,903	31,965,439	31,700,411	23,307,621	23,616,423	48,424,086	58,755,361	48,602,573
Michigan	75,016,589	32,849,159	NA	8,630,209	9,469,440	9,802,873	12,557,954	12,830,423	12,252,555	12,675,635	17,120,981	16,946,986	7,689,982	8,023,318	11,191,816	29,718,391	30,525,914	22,654,435	16,827,281	18,209,820
Minnesota	6,219,201	10,529,048	NA	16,655,913	12,212,546	11,653,327	11,524,686	14,855,954	19,378,825	21,455,746	22,861,457	18,344,346	18,502,324	20,150,907	20,511,698	22,483,420	25,093,959	22,769,570	28,917,361	35,360,341
Mississippi	2,744,882	7,343,892	NA	3,623,953	7,168,109	7,420,851	6,260,080	4,863,312	1,313,376	780,616	2,339,335	4,269,574	9,205,489	12,170,278	10,268,396	11,143,362	9,788,541	10,030,897	12,365,286	12,259,629
Missouri	18,465,303	15,567,277	NA	15,797,247	13,329,841	13,658,961	13,041,450	13,051,110	15,065,613	16,673,693	14,750,488	15,064,354	16,341,267	15,055,845	14,826,364	14,009,154	12,430,684	17,272,090	17,580,231	21,642,158
Montana	8,606,319	8,200,230	NA	7,200,442	7,543,860	6,474,190	6,841,897	6,570,018	10,428,010	10,362,726	17,990,469	18,230,275	8,867,208	8,794,140	13,131,022	8,447,295	9,752,216	9,956,071	14,667,731	15,519,383
Nebraska	5,602,163	4,043,480	NA	19,415,644	19,232,691	19,561,651	22,167,304	23,274,333	23,421,771	22,475,420	25,143,505	22,608,157	26,564,385	28,167,688	32,423,818	31,337,947	32,687,157	29,145,638	31,562,589	31,904,735
Nevada	1,397,463	1,748,776	NA	1,510,607	1,081,407	1,440,630	1,166,762	1,640,871	3,438,157	3,107,166	5,716,452	10,996,862	7,283,496	7,871,899	4,764,898	4,222,929	3,643,395	4,072,717	6,811,110	11,295,697
New Hampshire	2,040,544	1,685,178	NA	1,860,269	1,804,156	1,921,421	2,241,149	1,788,396	1,448,090	1,607,080	1,520,798	1,924,282	8,269,040	8,432,696	8,221,518	8,675,207	9,222,505	2,521,016	1,257,547	576,762
New Jersey	25,900,482	19,981,741	NA	25,146,838	38,639,539	27,868,781	29,818,258	34,413,516	30,384,821	33,756,028	30,483,309	37,415,121	51,295,009	23,886,758	23,754,925	59,793,415	65,020,915	99,832,733	114,110,735	92,749,768
New Mexico	3,105,000	672,921	NA	1,655,529	1,422,955	1,821,583	1,793,561	2,015,961	4,175,116	4,084,876	4,772,978	4,474,459	3,360,115	3,585,944	5,227,599	3,054,817	3,456,227	2,337,788	3,543,922	3,505,257
New York	103,597,135	128,361,166	NA	375,422,634	391,259,392	405,346,642	382,226,391	382,143,207	377,015,244	370,585,484	404,833,101	434,294,353	450,161,190	448,501,735	453,807,331	417,246,309	506,283,025	486,576,578	471,599,083	466,078,608
North Carolina	14,344,310	37,607,109	NA	41,404,202	27,342,380	29,611,785	32,529,885	30,649,974	22,614,350	34,502,384	37,142,044	32,513,098	33,719,142	32,754,090	35,892,185	36,870,713	38,818,576	36,106,613	39,656,480	40,186,090
North Dakota	21,062,090	9,908,722	NA	16,415,807	6,352,675	8,072,257	6,034,991	7,364,184	10,784,572	9,611,936	8,470,309	14,851,522	16,108,458	12,140,358	18,065,251	35,139,613	17,874,336	25,815,688	39,052,516	33,135,450
Ohio	55,068,629	114,086,509	NA	121,394,963	125,120,668	159,322,228	153,382,845	188,311,926	94,882,275	94,299,294	99,329,386	108,542,077	93,189,867	80,148,377	76,169,661	55,336,431	70,471,571	117,471,257	73,535,535	79,186,949
Oklahoma	8,922,036	10,731,050	NA	15,930,878	21,226,236	20,304,740	23,133,843	28,224,758	30,473,702	29,952,934	33,460,991	33,512,333	26,848,844	29,607,888	30,050,338	55,989,692	27,646,238	28,880,310	31,173,972	34,440,407

Table 2. State government expenditures for R&D, by state: FYs 2006–25

(Dollars)

State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	7,382,722	7,389,914	NA	11,120,140	18,013,730	20,001,272	22,003,035	23,083,506	29,679,288	31,990,073	24,831,090	30,549,080	31,254,046	44,222,659	30,486,113	37,419,218	33,801,166	40,257,488	34,898,696	41,638,564
Pennsylvania	117,320,158	103,973,448	NA	95,896,714	87,913,796	75,491,812	80,600,099	66,429,400	35,432,244	75,024,127	73,188,503	92,505,396	101,610,656	85,050,999	103,098,941	93,621,093	88,557,830	99,487,575	95,489,670	74,628,718
Rhode Island	150,000	1,771,949	NA	1,877,724	1,461,239	1,947,727	2,028,402	1,640,778	3,225,472	2,594,978	3,372,460	3,791,008	3,364,527	5,512,380	4,594,040	10,226,630	8,361,413	4,635,868	2,668,740	5,817,932
South Carolina	22,427,746	31,969,826	NA	28,599,885	71,290,446	84,692,653	72,467,293	47,732,177	22,311,739	27,419,285	30,512,353	34,686,268	34,291,703	46,983,243	46,800,816	44,557,581	50,056,315	53,419,952	60,272,615	60,332,935
South Dakota	5,791,586	5,473,603	NA	4,430,602	3,762,637	3,629,155	3,447,633	3,660,854	5,067,005	4,211,838	4,511,516	3,665,413	4,137,189	2,953,214	2,913,274	3,193,289	4,595,753	5,191,666	5,069,428	6,800,916
Tennessee	5,355,000	4,549,998	NA	3,752,587	1,064,262	3,642,490	4,293,334	3,430,476	4,363,565	3,828,567	7,040,422	9,433,779	9,231,710	7,439,395	7,039,923	9,587,206	38,959,330	67,671,255	88,512,108	136,998,540
Texas	28,019,645	29,650,947	NA	49,381,346	35,163,655	47,372,367	146,989,380	185,199,541	162,287,552	185,094,332	255,132,755	294,485,067	228,578,310	233,030,466	205,206,977	255,731,862	247,609,284	282,261,790	263,798,186	299,999,621
Utah	3,214,170	2,752,228	NA	26,442,711	30,812,205	34,418,764	47,388,335	53,636,842	36,466,790	38,168,197	31,465,580	32,673,333	27,593,284	7,985,508	9,205,399	8,316,189	8,837,531	10,119,476	11,350,593	26,033,161
Vermont	1,680,533	1,529,805	NA	738,707	1,665,079	1,711,673	1,653,315	1,827,562	2,039,520	2,199,082	1,041,249	1,140,267	1,841,754	2,730,591	1,669,900	1,535,157	1,460,157	2,833,206	1,724,837	915,594
Virginia	11,579,623	15,486,526	NA	22,662,519	28,961,491	29,376,417	33,295,328	36,017,935	38,439,643	43,645,755	33,556,333	29,624,941	30,596,207	29,951,353	35,552,565	44,445,646	40,253,504	57,260,560	57,082,897	58,638,682
Washington	22,834,218	23,333,431	NA	16,284,702	38,073,580	45,498,369	49,553,326	47,122,876	40,357,249	38,002,018	35,183,195	42,969,819	37,093,288	51,963,060	57,239,095	56,690,210	60,886,219	60,479,947	69,546,530	79,481,363
West Virginia	6,024,577	22,179,830	NA	10,357,006	23,867,732	35,475,338	33,580,156	19,027,684	11,216,042	10,840,665	8,233,431	11,193,344	10,492,922	11,068,061	10,862,315	9,013,091	9,180,282	8,731,717	11,946,339	11,732,040
Wisconsin	10,949,155	13,774,600	NA	24,942,415	12,435,548	21,128,936	17,861,390	21,212,446	14,643,835	14,517,671	13,442,158	13,300,449	15,879,688	17,473,890	14,340,014	15,239,075	19,060,693	16,366,530	15,612,828	10,684,964
Wyoming	6,326,604	19,500,357	NA	4,806,630	5,471,379	5,419,398	6,879,286	6,497,386	6,444,053	5,160,617	5,425,545	5,641,115	4,886,290	5,232,930	6,391,060	6,865,263	5,657,338	9,886,086	13,155,737	8,514,602
Puerto Rico[b]	1,458,790	2,326,241	NA	9,316,754	4,031,391	4,217,869	7,625,412	7,949,965	6,569,500	5,673,544	na	na	na	na	na	na	17,058,786	47,543,226	48,065,120	44,071,899

na = not applicable; did not report to survey. NA = not available; survey was not conducted for FY 2008.

[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):
State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 3. State government expenditures for R&D for all performers, by state and source of funds: FY 2025

(Dollars)

State	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
United States[b]	3,476,670,445	701,895,302	2,774,775,143
Alabama	60,874,158	14,416,920	46,457,238
Alaska	22,105,955	14,395,283	7,710,672
Arizona	21,891,068	3,958,477	17,932,591
Arkansas	13,406,865	3,809,187	9,597,678
California	907,649,560	14,082,903	893,566,657
Colorado	41,286,271	8,815,576	32,470,695
Connecticut	60,092,992	19,189,885	40,903,107
Delaware	3,344,546	1,300,914	2,043,632
District of Columbia	8,841,911	6,813,320	2,028,591
Florida	295,723,845	26,447,129	269,276,716
Georgia	29,453,124	23,820,052	5,633,072
Hawaii	7,444,283	4,508,084	2,936,199
Idaho	19,983,742	13,030,199	6,953,543
Illinois	22,577,901	8,151,507	14,426,394
Indiana	20,846,823	11,706,626	9,140,197
Iowa	14,187,890	6,797,850	7,390,040
Kansas	13,101,629	2,007,335	11,094,294
Kentucky	31,621,699	12,135,208	19,486,491
Louisiana	25,188,792	14,060,263	11,128,529
Maine	42,381,231	27,411,958	14,969,273
Maryland	47,794,901	1,472,831	46,322,070
Massachusetts	48,602,573	7,131,139	41,471,434
Michigan	18,209,820	8,005,370	10,204,450
Minnesota	35,360,341	13,937,565	21,422,776
Mississippi	12,259,629	10,807,324	1,452,305
Missouri	21,642,158	4,964,702	16,677,456
Montana	15,519,383	10,693,750	4,825,633
Nebraska	31,904,735	7,037,078	24,867,657
Nevada	11,295,697	4,403,867	6,891,830
New Hampshire	576,762	469,827	106,935
New Jersey	92,749,768	5,623,169	87,126,599
New Mexico	3,505,257	2,751,359	753,898
New York	466,078,608	164,438,994	301,639,614
North Carolina	40,186,090	10,665,462	29,520,628
North Dakota	33,135,450	2,989,943	30,145,507
Ohio	79,186,949	12,071,364	67,115,585
Oklahoma	34,440,407	9,130,214	25,310,193
Oregon	41,638,564	18,411,742	23,226,822
Pennsylvania	74,628,718	14,323,400	60,305,318
Rhode Island	5,817,932	4,424,399	1,393,533
South Carolina	60,332,935	34,941,530	25,391,405
South Dakota	6,800,916	1,509,750	5,291,166
Tennessee	136,998,540	29,779,358	107,219,182
Texas	299,999,621	25,876,173	274,123,448
Utah	26,033,161	2,109,148	23,924,013
Vermont	915,594	641,719	273,875
Virginia	58,638,682	18,939,433	39,699,249
Washington	79,481,363	19,824,267	59,657,096
West Virginia	11,732,040	6,148,794	5,583,246
Wisconsin	10,684,964	8,357,964	2,327,000
Wyoming	8,514,602	3,154,991	5,359,611

Table 3. State government expenditures for R&D for all performers, by state and source of funds: FY 2025

(Dollars)

State	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Puerto Rico[c]	44,071,899	17,222,165	26,849,734

[a] State and all others includes higher education institutions; companies; nonprofit organizations; other state governments; and city, county, regional, township, or other local governments.

[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.

Table 4. State government expenditures for R&D for intramural performers, by state and source of funds: FY 2025

(Dollars)

State	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]	785,021,295	303,850,226	429,638,964	8,291,717	20,402,673	20,066,542	2,771,173
Alabama	10,337,767	6,513,012	2,286,559	11,146	451,562	0	1,075,488
Alaska	16,573,390	10,548,527	5,002,063	1,022,800	0	0	0
Arizona	2,289,062	1,840,088	448,974	0	0	0	0
Arkansas	1,695,894	796,010	899,884	0	0	0	0
California	113,614,851	8,036,931	105,432,842	145,078	0	0	0
Colorado	12,615,231	4,145,983	8,419,161	0	0	50,087	0
Connecticut	30,922,613	13,090,186	17,645,227	187,200	0	0	0
Delaware	1,762,951	551,065	1,211,886	0	0	0	0
District of Columbia	6,052,708	4,839,773	1,212,935	0	0	0	0
Florida	65,256,790	15,997,020	44,171,760	4,596,112	429,593	4,299	58,006
Georgia	2,826,861	2,633,779	0	76,989	0	116,093	0
Hawaii	1,770,781	1,770,781	0	0	0	0	0
Idaho	6,426,852	5,448,041	748,794	230,017	0	0	0
Illinois	100,000	0	100,000	0	0	0	0
Indiana	1,922,247	1,476,516	445,731	0	0	0	0
Iowa	3,032,032	1,614,546	1,417,486	0	0	0	0
Kansas	1,979,123	283,769	1,648,114	0	0	0	47,240
Kentucky	4,188,885	3,148,418	1,040,467	0	0	0	0
Louisiana	3,736,044	2,654,430	1,081,614	0	0	0	0
Maine	12,755,250	4,465,900	7,200,075	74,800	642,227	0	372,248
Maryland	278,112	80,866	197,246	0	0	0	0
Massachusetts	1,596,605	561,984	729,621	305,000	0	0	0
Michigan	207,682	116,374	91,308	0	0	0	0
Minnesota	7,519,408	2,678,450	4,540,958	0	0	0	300,000
Mississippi	1,811,828	950,922	445,432	415,474	0	0	0
Missouri	4,291,918	2,791,120	1,500,798	0	0	0	0
Montana	5,716,477	3,467,147	2,247,326	0	2,004	0	0
Nebraska	3,204,418	2,041,067	1,163,351	0	0	0	0
Nevada	530,232	434,417	95,815	0	0	0	0
New Hampshire	175,159	175,159	0	0	0	0	0
New Jersey	3,976,391	951,396	3,024,995	0	0	0	0
New Mexico	1,310,000	1,020,000	290,000	0	0	0	0
New York	285,567,190	127,479,302	118,684,314	65,181	18,713,402	19,896,063	728,928
North Carolina	17,355,934	1,786,162	15,569,772	0	0	0	0
North Dakota	1,166,823	658,801	508,022	0	0	0	0
Ohio	2,601,066	2,092,885	508,181	0	0	0	0
Oklahoma	916,454	611,973	304,481	0	0	0	0
Oregon	13,392,374	8,231,145	5,058,643	102,586	0	0	0
Pennsylvania	19,256,559	10,097,706	9,118,853	40,000	0	0	0
Rhode Island	352,850	329,758	23,092	0	0	0	0
South Carolina	36,414,738	23,678,123	12,437,521	109,831	0	0	189,263
South Dakota	339,154	228,014	111,140	0	0	0	0
Tennessee	273,196	153,675	119,521	0	0	0	0
Texas	527,919	277,212	250,707	0	0	0	0
Utah	8,444,401	405,853	8,038,548	0	0	0	0
Vermont	427,547	364,838	62,709	0	0	0	0
Virginia	18,335,191	6,425,634	11,900,057	9,500	0	0	0
Washington	35,267,390	9,077,380	25,126,122	900,003	163,885	0	0

Table 4. State government expenditures for R&D for intramural performers, by state and source of funds: FY 2025

(Dollars)

State	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
West Virginia	6,261,546	3,142,360	3,119,186	0	0	0	0
Wisconsin	4,968,929	3,513,389	1,455,540	0	0	0	0
Wyoming	2,674,472	172,339	2,502,133	0	0	0	0
Puerto Rico[b]	25,462,725	9,001,933	16,460,792	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 2025.

Table 5. State government expenditures for R&D by intramural performers, by state: FYs 2006–25

(Dollars)

State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[a]	278,804,902	337,554,442	NA	544,768,301	666,474,213	715,619,606	671,902,599	657,514,410	582,262,610	585,025,545	604,530,902	638,536,132	630,788,241	660,308,336	694,421,461	675,326,278	695,882,555	741,827,066	789,727,227	785,021,295
Alabama	4,339,426	5,786,160	NA	9,138,896	9,749,394	14,250,319	8,612,718	9,160,769	4,589,652	6,167,637	11,438,924	13,806,194	11,465,666	7,412,961	13,704,571	17,295,499	12,081,222	8,885,851	9,263,588	10,337,767
Alaska	5,356,472	7,541,700	NA	6,387,016	7,885,200	9,004,800	5,346,296	5,963,195	9,399,991	9,464,543	7,791,729	6,608,776	7,376,047	8,920,501	10,745,451	13,677,498	11,600,345	14,118,929	12,699,964	16,573,390
Arizona	8,576,436	6,833,220	NA	6,869,506	7,545,171	7,410,362	13,303,829	16,141,770	8,953,596	8,268,168	5,938,520	3,742,746	1,618,025	761,096	1,562,435	3,522,494	2,039,798	2,901,013	2,696,089	2,289,062
Arkansas	1,073,285	420,340	NA	467,767	5,406,407	6,077,854	3,006,648	2,992,079	708,544	660,969	576,503	747,577	202,770	66,099	189,018	170,429	220,653	391,998	1,397,218	1,695,894
California	35,104,016	29,987,603	NA	48,407,683	59,744,655	69,864,773	59,490,293	57,262,060	53,984,295	55,223,244	68,155,837	80,243,824	80,750,013	75,581,146	83,587,677	83,800,192	87,712,398	97,801,248	106,617,344	113,614,851
Colorado	6,594,969	7,004,927	NA	9,395,554	7,108,498	6,942,978	8,170,313	8,248,707	8,178,672	8,467,517	7,733,398	9,193,948	9,119,788	11,900,858	12,047,699	11,957,421	8,651,485	10,548,105	11,310,318	12,615,231
Connecticut	14,519,731	13,979,139	NA	12,571,612	22,561,170	23,573,706	24,039,989	25,612,853	20,533,902	21,885,609	20,919,179	21,181,282	22,502,799	24,679,641	25,868,030	27,217,883	28,200,758	29,335,244	29,493,426	30,922,613
Delaware	1,207,011	2,011,600	NA	1,021,115	1,968,736	2,049,018	2,181,693	2,514,545	1,888,698	1,709,791	1,671,853	1,867,003	2,532,597	2,558,634	2,312,965	1,894,419	1,568,167	1,600,464	1,676,651	1,762,951
District of Columbia	302,000	2,009,000	NA	0	189,691	220,886	354,612	435,813	1,444,007	1,541,038	1,379,944	1,525,542	2,021,912	1,888,642	2,510,818	3,705,656	4,320,240	7,041,016	5,288,002	6,052,708
Florida	10,013,516	9,073,670	NA	10,356,355	50,546,200	48,327,623	48,910,954	47,372,831	44,017,593	45,015,557	44,254,939	44,546,892	51,598,115	50,604,692	52,430,371	50,793,339	51,395,556	53,921,437	64,369,217	65,256,790
Georgia	861,231	60,551	NA	3,500,000	3,200,000	3,600,000	4,145,859	2,041,101	1,766,014	1,709,229	2,303,714	2,608,350	2,345,600	3,539,835	2,648,196	2,016,590	2,884,258	2,930,709	2,783,700	2,826,861
Hawaii	2,329,186	7,617,547	NA	3,268,044	3,049,593	3,667,047	4,267,994	4,320,992	1,038,877	1,659,573	2,412,169	1,406,938	213,163	257,625	6,531,042	2,311,413	201,790	628,842	399,469	1,770,781
Idaho	257,926	1,127,217	NA	4,397,225	4,616,645	4,430,450	7,179,818	7,836,031	6,783,779	6,469,463	6,576,466	6,591,001	6,172,889	6,709,727	7,967,885	7,124,769	7,278,248	7,349,090	4,780,811	6,426,852
Illinois	17,617,332	18,022,400	NA	1,304,428	1,948,263	2,049,697	1,618,580	1,663,080	1,678,403	1,550,890	1,251,225	1,251,225	1,171,225	1,171,225	626,262	554,067	554,067	554,067	368,541	100,000
Indiana	2,364,046	36,349,207	NA	941,982	975,000	975,000	870,605	1,022,370	675,629	657,583	619,999	809,062	243,160	167,703	92,268	470,344	660,237	1,902,083	1,001,961	1,922,247
Iowa	5,754,032	363,153	NA	953,909	625,480	1,260,999	4,376,976	5,603,029	3,884,026	3,696,335	3,796,688	3,590,701	2,897,292	3,279,267	2,959,513	3,091,936	2,912,086	1,366,776	3,146,055	3,032,032
Kansas	2,137,741	1,636,784	NA	1,598,127	1,448,133	1,501,433	1,484,948	1,577,722	1,427,786	1,333,800	2,817,975	2,210,187	2,089,000	998,463	999,734	1,294,643	1,500,273	2,166,223	1,929,187	1,979,123
Kentucky	3,702,849	998,840	NA	6,241,919	1,635,906	2,137,354	2,893,270	2,962,965	454,669	734,444	1,547,014	4,414,627	2,135,186	2,038,186	1,752,643	1,946,017	4,434,431	4,842,218	5,621,733	4,188,885
Louisiana	7,530,897	4,259,147	NA	5,014,571	6,523,169	7,493,894	4,884,739	5,081,221	8,785,247	9,325,390	12,536,416	10,944,624	13,442,234	10,974,134	10,774,371	9,555,840	10,033,831	10,567,296	21,806,594	3,736,044
Maine	0	330,000	NA	1,566,832	1,542,846	1,883,123	1,071,798	1,154,177	2,048,918	2,911,504	2,970,210	2,999,641	2,802,497	3,051,263	4,038,999	10,370,488	12,208,306	12,319,129	14,933,998	12,755,250
Maryland	6,086,183	16,726,066	NA	5,683,023	1,962,000	1,928,700	513,661	572,247	906,472	846,300	327,732	1,077,744	2,744,392	989,368	659,436	878,718	864,022	622,465	831,311	278,112
Massachusetts	3,623,773	922,416	NA	831,202	862,331	785,738	917,177	1,083,202	10,934,792	11,254,392	12,613,509	9,071,354	8,362,815	8,798,238	9,681,990	1,208,652	1,636,998	1,690,736	1,649,549	1,596,605
Michigan	1,527,314	1,373,780	NA	1,800,696	1,688,930	1,509,097	2,277,811	2,651,063	626,768	702,187	1,249,998	1,287,328	0	336,227	527,096	237,018	254,848	143,576	190,798	207,682
Minnesota	2,132,277	2,904,128	NA	1,974,655	1,507,582	1,509,585	1,471,472	1,007,122	2,284,757	2,828,032	2,195,086	1,481,345	672,674	2,027,757	2,583,398	2,458,490	3,038,564	3,138,073	3,926,669	7,519,408
Mississippi	1,484,612	5,728,190	NA	2,884,940	3,933,046	4,028,133	1,890,566	2,094,537	510,446	252,513	190,826	1,192,864	1,791,073	1,755,759	1,236,050	2,005,582	2,820,168	2,030,108	3,023,466	1,811,828
Missouri	12,171,794	9,815,796	NA	9,289,817	8,065,733	7,546,964	7,274,626	6,696,607	6,922,875	7,284,056	7,900,361	7,593,953	7,809,676	8,242,424	8,112,983	6,455,476	4,338,958	4,589,925	4,344,942	4,291,918
Montana	2,404,391	1,007,000	NA	1,304,712	1,604,601	1,694,519	1,669,440	2,035,229	2,238,501	2,273,458	2,675,607	3,759,869	2,684,109	2,993,604	6,104,413	2,846,129	3,400,729	3,806,428	4,810,365	5,716,477
Nebraska	436,000	291,000	NA	125,000	327,845	320,392	303,472	368,009	769,135	534,852	465,732	373,809	6,000	17,116	2,342,783	2,128,727	2,114,433	74,500	802,690	3,204,418
Nevada	323,042	581,534	NA	342,744	295,579	364,476	376,301	366,804	9,927	3,893	5,000	3,950	140,823	184,774	188,146	237,064	208,642	256,192	642,255	530,232
New Hampshire	424,762	167,708	NA	1,018,069	502,616	591,869	760,392	683,882	84,253	82,781	367,680	460,000	151,247	131,672	49,309	27,186	136,953	89,546	88,795	175,159
New Jersey	5,483,784	5,093,922	NA	4,278,027	3,407,529	2,980,802	2,952,996	2,920,843	1,814,000	1,864,000	1,703,700	1,800,400	1,691,900	2,796,233	2,624,342	3,006,539	3,317,395	3,917,853	4,104,226	3,976,391
New Mexico	3,000,000	576,921	NA	535,531	560,955	494,193	671,314	768,893	2,462,904	2,539,877	1,390,991	860,774	1,240,504	900,212	2,594,660	1,535,533	1,110,427	781,067	1,296,000	1,310,000
New York	42,047,823	31,635,352	NA	266,188,075	311,702,575	318,563,367	277,561,513	267,002,282	259,604,368	243,064,412	237,318,047	246,099,969	240,591,998	276,773,893	278,751,443	259,432,614	274,950,816	286,453,348	291,711,051	285,567,190
North Carolina	3,789,289	27,479,434	NA	31,451,251	18,843,326	19,478,718	20,437,242	20,501,169	14,636,872	14,929,283	17,853,240	19,865,183	19,372,111	18,400,435	17,813,294	17,422,714	17,505,611	16,335,642	17,211,359	17,355,934
North Dakota	762,297	500,943	NA	568,135	591,770	366,294	530,023	429,670	1,373,563	1,189,828	588,458	1,784,624	1,827,872	421,989	346,342	294,748	131,121	981,502	1,437,702	1,166,823
Ohio	1,515,058	283,131	NA	3,883,347	1,754,417	2,645,393	2,246,092	2,040,795	965,440	864,161	2,096,469	2,741,052	1,247,811	733,326	2,005,523	1,808,996	1,106,388	641,094	3,342,419	2,601,066
Oklahoma	83,333	252,516	NA	2,709,663	9,250	9,850	1,057,822	1,074,816	370,925	350,570	2,394,381	6,079,694	935,686	1,685,458	2,015,986	2,575,950	1,946,574	1,434,856	1,157,820	916,454

Table 5. State government expenditures for R&D by intramural performers, by state: FYs 2006–25

(Dollars)

State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	3,318,194	2,851,734	NA	5,768,545	14,368,928	17,063,005	18,162,372	19,524,508	15,547,309	18,022,139	10,187,622	15,646,484	16,333,562	24,761,784	15,852,036	16,083,800	16,703,743	19,770,459	14,534,155	13,392,374
Pennsylvania	3,310,731	4,020,292	NA	2,992,367	5,052,858	5,826,832	5,632,495	6,675,458	7,012,137	7,387,261	6,451,626	9,100,618	7,237,397	8,579,205	7,874,722	8,172,000	13,041,479	16,987,160	15,446,289	19,256,559
Rhode Island	0	134,200	NA	67,000	53,547	80,000	20,000	225,050	389,829	281,200	175,000	6,000	1,638,664	2,767,111	3,098,833	8,118,721	5,438,324	236,546	342,028	352,850
South Carolina	15,780,585	26,968,153	NA	24,161,908	42,554,948	52,973,299	49,917,998	37,004,464	17,374,915	22,351,601	24,854,389	25,708,598	28,354,328	28,876,294	27,894,342	27,709,617	29,595,672	32,709,409	37,802,089	36,414,738
South Dakota	2,318,754	3,070,095	NA	424,407	722,906	652,055	60,976	114,425	220,000	240,000	432,788	437,052	330,492	361,072	327,346	359,853	237,313	273,454	319,204	339,154
Tennessee	704,000	595,010	NA	0	0	52,129	762,313	784,848	563,092	531,871	2,731,571	2,773,520	2,321,833	1,710,689	1,607,509	1,289,255	314,273	389,000	219,481	273,196
Texas	5,870,258	5,496,761	NA	4,763,897	2,813,346	9,823,374	12,375,067	11,746,259	2,673,588	2,745,383	4,289,841	4,135,685	3,201,472	3,855,855	3,165,023	2,686,856	2,368,161	1,993,899	1,529,174	527,919
Utah	964,170	1,333,630	NA	10,715,649	10,150,322	10,361,727	17,654,475	17,979,931	17,924,476	18,192,260	18,167,666	18,418,869	18,236,912	5,046,202	6,070,743	5,326,711	6,375,939	7,748,094	8,312,136	8,444,401
Vermont	848,787	847,350	NA	738,707	1,442,023	1,543,503	1,074,198	1,160,193	534,520	555,772	368,636	250,257	560,842	681,380	633,399	596,129	1,170,646	2,163,824	1,298,300	427,547
Virginia	5,045,794	7,577,630	NA	8,242,184	6,744,260	6,567,645	8,766,523	13,046,471	10,486,612	14,607,108	13,596,149	12,312,670	12,931,846	10,733,680	12,627,565	16,183,098	15,546,707	20,744,159	19,597,013	18,335,191
Washington	12,187,408	12,103,757	NA	8,136,939	10,916,316	11,745,788	12,875,297	12,820,150	9,824,415	10,470,091	14,446,035	14,515,938	15,395,106	19,986,935	23,415,061	21,349,303	24,507,566	26,263,518	34,428,358	35,267,390
West Virginia	1,767,688	2,414,915	NA	2,555,126	7,094,173	8,130,744	4,965,278	4,764,417	2,837,135	1,893,045	2,455,891	1,723,204	2,641,834	2,867,846	3,317,637	3,378,070	3,803,985	4,773,515	4,775,295	6,261,546
Wisconsin	5,534,273	4,766,000	NA	5,329,091	5,060,717	6,126,083	6,896,219	7,402,664	6,279,098	6,547,800	5,783,316	4,862,108	5,270,830	5,043,609	4,674,607	4,401,850	5,209,332	5,377,653	5,361,683	4,968,929
Wyoming	4,216,426	4,622,873	NA	2,601,053	3,609,627	3,134,016	3,615,536	3,001,092	1,837,188	1,883,135	2,560,853	2,821,077	2,362,454	1,286,491	2,875,496	2,339,942	2,228,619	4,237,727	3,606,739	2,674,472
Puerto Rico[b]	1,274,358	328,664	NA	8,352,468	2,300,000	2,500,000	6,360,716	6,084,344	5,193,888	4,454,166	na	na	na	na	na	na	11,176,340	30,716,521	34,169,608	25,462,725

na = not applicable; did not report to survey. NA = not available; survey was not conducted for FY 2008.

[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. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 6. State government expenditures for intramural R&D, by state and type of R&D: FY 2025

(Dollars)

State	All intramural R&D expenditures	Type of R&D		
		Basic research	Applied research	Experimental development
United States[a]	785,021,295	136,550,082	600,991,684	47,479,529
Alabama	10,337,767	237,665	10,083,612	16,490
Alaska	16,573,390	0	15,270,927	1,302,463
Arizona	2,289,062	127,132	2,161,930	0
Arkansas	1,695,894	126,862	1,389,868	179,164
California	113,614,851	2,841,866	105,702,216	5,070,769
Colorado	12,615,231	3,143,511	9,405,942	65,778
Connecticut	30,922,613	11,056,771	19,400,877	464,965
Delaware	1,762,951	0	1,762,951	0
District of Columbia	6,052,708	4,880,944	1,139,557	32,207
Florida	65,256,790	810,384	62,227,368	2,219,038
Georgia	2,826,861	1,276,456	1,092,682	457,723
Hawaii	1,770,781	0	261,139	1,509,642
Idaho	6,426,852	0	6,426,852	0
Illinois	100,000	0	20,000	80,000
Indiana	1,922,247	309,000	1,483,247	130,000
Iowa	3,032,032	0	3,032,032	0
Kansas	1,979,123	138,691	1,840,432	0
Kentucky	4,188,885	0	4,188,885	0
Louisiana	3,736,044	165,902	2,574,730	995,412
Maine	12,755,250	9,181,171	3,519,850	54,229
Maryland	278,112	0	0	278,112
Massachusetts	1,596,605	179,678	1,082,675	334,252
Michigan	207,682	159,182	48,500	0
Minnesota	7,519,408	0	6,950,688	568,720
Mississippi	1,811,828	0	1,002,507	809,321
Missouri	4,291,918	928,765	3,027,997	335,156
Montana	5,716,477	0	5,716,477	0
Nebraska	3,204,418	0	3,153,754	50,664
Nevada	530,232	307,872	189,477	32,883
New Hampshire	175,159	0	0	175,159
New Jersey	3,976,391	157,933	3,214,882	603,576
New Mexico	1,310,000	0	614,943	695,057
New York	285,567,190	51,824,870	229,233,210	4,509,110
North Carolina	17,355,934	2,126,183	14,350,408	879,343
North Dakota	1,166,823	0	1,034,823	132,000
Ohio	2,601,066	1,729,998	871,068	0
Oklahoma	916,454	394,051	504,402	18,001
Oregon	13,392,374	5,668,274	5,743,138	1,980,962
Pennsylvania	19,256,559	26,461	592,440	18,637,658
Rhode Island	352,850	272,028	80,822	0
South Carolina	36,414,738	33,420,243	2,390,700	603,795
South Dakota	339,154	5,225	328,704	5,225
Tennessee	273,196	0	241,812	31,384
Texas	527,919	96,155	431,764	0
Utah	8,444,401	0	8,444,401	0
Vermont	427,547	0	427,547	0
Virginia	18,335,191	3,162,491	13,598,917	1,573,783
Washington	35,267,390	1,698,237	30,921,665	2,647,488
West Virginia	6,261,546	0	6,261,546	0
Wisconsin	4,968,929	0	4,968,929	0
Wyoming	2,674,472	96,081	2,578,391	0

Table 6. State government expenditures for intramural R&D, by state and type of R&D: FY 2025

(Dollars)

State	All intramural R&D expenditures	Type of R&D		
		Basic research	Applied research	Experimental development
Puerto Rico[b]	25,462,725	14,287,498	6,866,977	4,308,250

[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.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2025.

Table 7. State government expenditures for R&D, by state and function of R&D: FY 2025

(Dollars)

State	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
United States[b]	3,476,670,445	196,197,259	600,440,540	660,117,345	1,461,441,705	310,673,794	247,799,802
Alabama	60,874,158	395,527	903,986	40,638,481	4,729,955	4,064,589	10,141,620
Alaska	22,105,955	0	1,007,582	15,040,927	249,285	5,808,161	0
Arizona	21,891,068	1,483,740	0	1,614,335	16,984,026	1,681,835	127,132
Arkansas	13,406,865	7,451,275	0	2,408,289	0	666,626	2,880,675
California	907,649,560	11,337,552	396,464,491	76,005,933	398,041,862	22,473,427	3,326,295
Colorado	41,286,271	1,264,128	1,951,750	17,791,047	5,427,583	6,258,600	8,593,163
Connecticut	60,092,992	5,285,412	5,235,830	12,526,078	21,090,241	3,984,080	11,971,351
Delaware	3,344,546	64,660	60,416	2,278,679	0	940,791	0
District of Columbia	8,841,911	0	0	2,042,707	6,192,030	607,174	0
Florida	295,723,845	27,572,068	0	80,751,884	170,722,086	16,677,807	0
Georgia	29,453,124	4,313,528	13,769,971	3,332,682	0	8,036,943	0
Hawaii	7,444,283	810,286	1,931,242	984,313	108,115	2,922,867	687,460
Idaho	19,983,742	4,697,582	0	12,808,233	0	2,477,927	0
Illinois	22,577,901	245,309	272,719	5,115,824	3,182,451	9,051,012	4,710,586
Indiana	20,846,823	425,794	270,509	2,151,913	0	13,168,923	4,829,684
Iowa	14,187,890	436,007	0	4,747,024	0	8,976,707	28,152
Kansas	13,101,629	4,037,793	153,634	4,873,335	0	3,035,224	1,001,643
Kentucky	31,621,699	674,677	1,603,478	6,780,914	10,625,297	11,537,403	399,930
Louisiana	25,188,792	513,447	964,318	4,845,296	918,740	8,089,683	9,857,308
Maine	42,381,231	6,857,851	442,395	14,650,689	12,134,928	1,818,504	6,476,864
Maryland	47,794,901	159,555	2,641,048	450,016	42,697,618	1,846,664	0
Massachusetts	48,602,573	0	21,922,502	6,882,030	7,639,858	6,867,367	5,290,816
Michigan	18,209,820	6,099,791	0	1,560,830	2,729,808	7,819,391	0
Minnesota	35,360,341	5,447,877	0	6,809,843	4,227,338	17,470,914	1,404,369
Mississippi	12,259,629	1,231,340	0	7,245,480	0	3,782,809	0
Missouri	21,642,158	1,441,496	0	7,574,767	6,259,000	2,292,895	4,074,000
Montana	15,519,383	5,328,115	0	7,573,210	0	2,618,058	0
Nebraska	31,904,735	4,251,381	0	6,318,660	19,046,691	1,822,503	465,500
Nevada	11,295,697	189,477	0	6,272,514	0	1,454,979	3,378,727
New Hampshire	576,762	83,935	0	23,000	0	469,827	0
New Jersey	92,749,768	939,291	3,273,399	9,353,494	61,650,448	6,099,278	11,433,858
New Mexico	3,505,257	0	0	745,545	0	2,642,762	116,950
New York	466,078,608	21,697,543	64,222,890	34,712,173	297,030,353	4,512,179	43,903,470
North Carolina	40,186,090	13,949,951	1,719,136	5,410,899	7,868,028	9,894,524	1,343,552
North Dakota	33,135,450	2,224,713	22,908,318	1,411,708	4,254,271	1,421,818	914,622
Ohio	79,186,949	0	984,181	65,195,422	0	8,923,792	4,083,554
Oklahoma	34,440,407	808,170	2,674,572	5,103,908	18,120,029	5,669,981	2,063,747
Oregon	41,638,564	558,850	3,516,670	26,813,538	5,501,925	3,400,139	1,847,442
Pennsylvania	74,628,718	5,549,868	1,888,416	23,503,953	32,140,277	4,569,550	6,976,654
Rhode Island	5,817,932	0	0	3,674,026	439,800	1,212,333	491,773
South Carolina	60,332,935	2,995,971	599,324	37,124,301	14,356,529	2,122,628	3,134,182
South Dakota	6,800,916	4,233,806	90,000	25,000	125,450	2,133,660	193,000
Tennessee	136,998,540	17,859,376	31,738,366	1,948,354	8,977,273	15,888,800	60,586,371
Texas	299,999,621	762,519	0	12,213,709	263,340,967	23,682,426	0
Utah	26,033,161	1,000,000	120,000	7,467,633	100,000	3,515,528	13,830,000
Vermont	915,594	0	0	141,945	0	773,649	0
Virginia	58,638,682	3,783,757	1,549,469	8,506,010	10,448,037	22,804,722	11,546,687
Washington	79,481,363	16,403,158	7,662,136	42,344,716	1,503,691	6,863,124	4,704,538
West Virginia	11,732,040	10,787	4,396,157	3,888,342	2,377,715	404,912	654,127
Wisconsin	10,684,964	703,261	0	5,702,965	0	4,278,738	0

Table 7. State government expenditures for R&D, by state and function of R&D: FY 2025

(Dollars)

State	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Wyoming	8,514,602	616,635	3,501,635	2,730,771	200,000	1,135,561	330,000
Puerto Rico[c]	44,071,899	191,857	0	0	40,729,141	30,015	3,120,886

[a] Other R&D functions includes but is not limited to corrections, criminal justice, education, forensic science, labor, public safety, and social services functions.
[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.

Table 8. State government expenditures for agriculture-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[a]	66,468,692	75,090,255	77,332,829	96,578,888	97,316,191	105,326,909	102,115,908	112,280,689	117,483,305	131,384,543	136,996,698	142,105,027	119,859,705	127,263,681	148,243,744	188,178,712	196,197,259
Alabama	0	0	0	0	0	0	250,000	0	0	0	0	0	104,373	326,726	584,939	513,012	395,527
Alaska	15,000	687,500	713,500	99,934	750,856	217,231	217,141	0	0	0	0	0	26,000	0	74,015	178,293	0
Arizona	220,751	142,816	732,254	616,827	549,556	944,617	718,324	945,226	887,874	723,371	1,054,913	1,041,995	1,071,301	1,311,266	1,810,237	1,705,901	1,483,740
Arkansas	6,755,483	6,643,460	7,945,440	8,803,765	8,857,097	8,483,250	8,248,838	7,513,291	9,063,778	7,087,642	12,519,460	12,606,385	6,614,526	5,336,054	4,796,832	7,349,137	7,451,275
California	6,235,149	3,091,420	4,057,537	5,640,401	5,039,599	7,470,645	8,225,669	7,475,484	6,695,567	5,834,873	7,705,454	7,116,436	6,934,080	7,753,869	11,794,814	12,177,438	11,337,552
Colorado	416,336	826,517	583,117	0	50,000	316,549	373,735	472,293	773,012	1,047,197	721,768	1,037,559	2,739,142	1,028,351	1,999,706	975,693	1,264,128
Connecticut	1,237,590	3,259,642	3,326,548	3,256,124	3,314,695	3,920,767	4,228,545	3,942,658	3,894,241	3,321,534	3,856,987	3,856,987	4,142,888	4,321,687	4,521,698	4,887,351	5,285,412
Delaware	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	64,660
District of Columbia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Florida	19,410,440	16,952,501	15,991,126	19,671,322	19,046,571	23,026,254	18,529,725	17,066,498	15,855,393	20,043,531	11,725,430	21,100,902	15,279,858	14,851,847	17,742,469	45,123,731	27,572,068
Georgia	0	0	0	0	0	0	0	0	0	0	633,607	255,642	0	0	2,513,762	2,864,387	4,313,528
Hawaii	233,394	505,967	914,799	1,516,064	1,516,064	80,000	60,000	2,179,089	1,544,443	3,700,895	1,680,702	1,977,000	524,528	932,423	1,007,998	929,873	810,286
Idaho	1,352,291	1,529,838	1,720,839	2,344,664	2,940,842	2,442,070	2,930,637	3,956,230	4,205,334	4,796,891	5,349,416	7,279,087	6,008,990	8,109,741	6,558,129	6,201,382	4,697,582
Illinois	18,096	0	0	0	0	0	139,697	2,839,551	2,975,635	2,975,635	3,989,560	3,140,385	2,019,400	1,977,021	0	0	245,309
Indiana	0	0	0	177,000	268,000	250,000	250,000	250,000	250,000	350,000	141,876	100,000	500,279	500,000	500,000	400,000	425,794
Iowa	0	0	0	0	0	0	0	0	0	0	0	60,000	170,448	179,657	441,684	492,187	436,007
Kansas	784,957	1,104,311	1,167,853	1,013,350	984,198	1,129,199	1,328,784	1,457,957	2,021,302	4,415,012	3,998,895	3,675,354	3,548,954	4,457,312	3,650,342	3,879,038	4,037,793
Kentucky	0	0	45,130	478,313	312,518	250,000	1,287,000	1,407,000	1,454,611	1,469,615	627,270	540,182	517,000	290,727	588,967	626,035	674,677
Louisiana	0	0	0	0	0	27,333	9,167	2,500	49,066	38,750	270,090	636,415	274,427	289,750	177,190	524,409	513,447
Maine	501,243	1,152,303	987,050	933,637	373,257	407,500	1,013,206	765,706	1,851,874	4,534,099	7,182,948	3,329,336	1,891,592	1,542,730	10,182,623	10,174,122	6,857,851
Maryland	336,650	228,000	451,700	300,000	384,771	200,000	200,000	245,456	379,919	352,432	357,910	269,157	0	0	235,327	0	159,555
Massachusetts	0	0	0	0	0	34,227	0	37,631	0	0	50,000	0	0	0	0	0	0
Michigan	206,282	36,910	82,793	493,895	548,396	3,190,880	3,150,111	1,279,134	1,444,252	1,437,876	1,246,732	3,316,092	1,216,089	2,756,984	4,028,064	3,966,998	6,099,791
Minnesota	987,608	1,301,382	1,387,590	1,721,463	1,981,417	2,725,197	2,938,310	5,516,597	4,972,707	3,929,309	3,701,150	5,526,168	4,789,550	4,545,874	4,606,074	4,660,793	5,447,877
Mississippi	0	0	0	0	0	84,209	0	49,896	0	1,027,288	599,632	1,213,684	1,564,195	114,017	207,791	270,332	1,231,340
Missouri	168,096	189,947	85,115	349,210	381,475	711,626	830,064	1,008,692	1,045,000	1,315,740	1,153,575	911,532	1,185,569	2,327,790	2,813,505	2,040,575	1,441,496
Montana	1,199,654	1,850,656	1,493,635	2,105,602	1,975,948	4,713,540	4,097,279	3,443,331	3,742,881	3,309,628	3,132,570	3,566,938	2,841,089	3,359,243	3,466,168	5,587,028	5,328,115
Nebraska	1,276,949	927,985	977,548	1,399,997	1,748,254	2,996,054	2,725,502	2,897,352	2,183,807	3,593,971	2,851,678	2,453,010	3,234,030	3,326,551	2,472,778	3,558,668	4,251,381
Nevada	0	0	0	0	0	10,000	0	0	0	140,823	184,774	188,146	237,064	208,642	204,134	403,079	189,477
New Hampshire	38,005	219,170	113,969	477,066	438,435	98,640	130,904	120,719	72,482	141,692	114,949	113,278	160,563	26,047	66,591	146,922	83,935
New Jersey	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	939,291
New Mexico	0	0	0	0	0	81,699	88,062	0	0	0	0	0	0	0	0	0	0
New York	1,869,720	2,117,582	1,779,089	1,748,998	1,383,413	2,265,729	2,605,432	4,885,323	9,014,755	10,578,603	10,612,279	7,919,165	8,731,413	8,293,408	9,199,446	13,447,691	21,697,543
North Carolina	10,568,425	12,625,716	12,878,500	17,944,847	17,947,847	12,239,391	12,050,000	12,225,000	14,972,009	17,220,343	14,132,932	13,961,296	14,123,005	14,078,340	14,087,083	13,906,200	13,949,951
North Dakota	935,619	1,444,526	2,014,848	2,521,725	2,475,547	2,504,192	2,674,205	3,311,263	3,511,678	3,334,741	2,998,472	2,955,514	3,177,142	3,145,930	3,047,748	3,869,805	2,224,713
Ohio	0	0	0	0	0	0	0	200,000	0	0	0	0	0	0	0	0	0
Oklahoma	1,610,660	1,295,705	1,608,677	1,862,336	2,500,477	1,708,188	1,811,266	2,340,454	1,719,116	1,713,695	1,058,791	2,158,072	1,329,150	1,514,338	1,045,149	1,573,195	808,170

Table 8. State government expenditures for agriculture-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	134,857	489,631	532,446	218,038	290,595	384,341	372,579	169,212	669,211	740,878	1,638,762	706,521	205,647	583,164	803,998	599,070	558,850
Pennsylvania	852,734	755,736	640,671	1,512,706	2,033,013	787,000	787,000	1,587,000	1,687,000	1,687,000	3,187,000	3,877,434	2,601,164	3,446,582	5,019,941	5,580,750	5,549,868
Rhode Island	0	0	0	166,820	40,000	0	0	0	43,868	50,000	49,042	45,615	53,000	99,985	150,000	0	0
South Carolina	421,699	0	92,305	62,024	157,702	534,646	498,748	354,516	665,133	931,700	1,013,153	809,303	1,839,876	1,770,038	2,902,813	3,866,729	2,995,971
South Dakota	50,000	25,000	0	75,000	75,000	3,219,622	2,928,142	2,777,400	2,029,617	2,285,632	1,690,563	1,526,155	2,013,292	2,486,260	3,215,229	2,951,252	4,233,806
Tennessee	0	0	0	0	0	0	0	0	0	150,000	0	0	0	0	0	200,000	17,859,376
Texas	1,972,975	3,618,361	2,877,596	2,758,683	2,650,989	3,557,354	808,544	1,761,471	688,365	1,053,502	1,229,300	1,151,413	932,510	1,353,356	2,086,663	758,361	762,519
Utah	1,000,000	3,589	113,336	4,508,902	3,989,111	1,688,670	2,035,321	1,096,257	1,326,188	435,393	0	0	0	305,965	1,317	0	1,000,000
Vermont	0	490,900	652,700	503,308	538,173	384,878	407,694	50,000	0	0	0	0	0	0	0	0	0
Virginia	806,328	2,285,378	2,213,361	1,633,434	1,631,509	730,636	1,120,676	3,142,288	2,679,432	2,560,373	2,765,452	2,445,328	3,118,841	3,267,434	3,598,429	4,378,183	3,783,757
Washington	4,587,406	8,340,489	8,317,099	8,098,988	8,954,794	10,769,035	11,203,711	12,385,554	11,904,380	11,663,031	17,797,227	17,505,768	11,882,329	13,620,631	12,929,594	13,894,197	16,403,158
West Virginia	0	0	151,428	206,137	93,033	0	0	0	0	25,000	25,000	10,000	166,685	244,126	43,500	160,000	10,787
Wisconsin	0	770,721	536,004	864,399	640,941	616,740	841,890	900,573	928,599	838,651	3,518,097	1,060,099	1,558,082	2,539,311	2,447,261	2,599,764	703,261
Wyoming	264,295	176,596	147,226	493,909	452,098	125,000	0	222,087	280,776	528,197	429,282	661,674	531,634	640,504	619,736	757,131	616,635
Puerto Rico[b]	649,048	0	0	507,174	649,048	550,000	683,157	na	na	na	na	na	na	258,249	140,343	141,550	191,857

na = not applicable; did not report to survey.

[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):
State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 9. State government expenditures for energy-related R&D, by state: FYs 2009–25

(Dollars)

State	2009[a]	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[b]	NA	227,404,238	265,645,943	238,545,588	192,380,008	157,200,057	383,145,992	368,028,147	307,574,426	397,036,953	323,076,738	390,847,851	410,273,614	325,615,797	373,458,008	503,270,221	600,440,540
Alabama	NA	988,806	1,279,672	788,212	509,974	386,692	688,913	134,432	206,926	282,748	255,807	117,181	178,809	667,842	751,370	1,556,686	903,986
Alaska	NA	1,359,100	1,301,000	1,438,817	1,799,951	35,860	53,202	1,020,450	1,002,160	2,120,127	1,102,206	500,000	500,000	731,152	742,896	582,223	1,007,582
Arizona	NA	267,174	1,702,776	6,243,529	7,630,643	1,547,000	658,000	216,988	0	0	0	0	0	0	0	0	0
Arkansas	NA	1,736,657	3,156,213	2,913,191	3,620,296	4,800,000	5,243,216	1,548,704	1,444,227	2,304,745	852,718	502,762	50,000	0	50,000	0	0
California	NA	105,072,000	95,975,000	75,756,774	55,577,129	52,593,000	263,254,000	251,116,066	184,568,270	243,987,483	202,262,559	256,532,543	267,900,000	191,774,566	225,709,133	295,872,603	396,464,491
Colorado	NA	1,464,536	409,252	313,762	254,860	1,934,715	2,241,216	1,839,587	2,304,024	1,099,099	3,184,039	3,347,250	2,846,991	2,602,115	3,247,418	2,903,750	1,951,750
Connecticut	NA	358,778	553,640	571,414	588,724	1,714,724	1,944,337	240,000	0	0	0	4,083,058	3,627,099	2,919,711	2,928,267	5,700,000	5,235,830
Delaware	NA	0	0	0	0	0	10,000	0	0	13,683	24,256	20,800	46,054	10,495	50,500	0	60,416
District of Columbia	NA	0	0	0	0	0	75,000	0	0	29,500	0	520,000	0	0	0	0	0
Florida	NA	3,571,447	4,158,768	8,476,266	990,320	355,629	1,117,124	2,371,453	716,664	585,190	557,060	784,693	554,984	1,012,306	188,602	179,287	0
Georgia	NA	1,000,000	1,200,000	800,000	0	3,096,465	3,148,268	5,976,273	6,235,488	9,382,400	6,335,903	5,825,649	9,067,079	7,759,750	8,294,642	13,101,035	13,769,971
Hawaii	NA	5,825,028	6,020,023	4,024,303	5,674,072	4,300,000	1,500,000	7,500,000	4,108,496	6,004,495	2,510,732	6,466,637	4,216,265	282,042	710,125	673,600	1,931,242
Idaho	NA	0	0	0	0	401,783	274,051	178,178	260,435	237,898	0	0	206,624	0	0	0	0
Illinois	NA	190,000	0	21,110	225,000	5,885,366	4,333,344	390,473	66,300	0	0	0	0	0	0	0	272,719
Indiana	NA	0	0	0	383,432	657,307	354,693	125,478	0	2,298,615	268,086	95,000	24,787	0	748,289	548,358	270,509
Iowa	NA	0	26,590,826	5,207,302	6,340,014	1,117,561	710,522	1,181,136	164,157	0	0	0	0	0	0	0	0
Kansas	NA	0	0	0	0	0	0	0	0	0	0	0	0	132,471	139,676	234,164	153,634
Kentucky	NA	4,256,458	3,372,112	4,809,927	5,976,089	2,403,100	2,443,000	774,052	296,900	301,357	2,020,000	171,000	386,000	140,000	143,957	360,605	1,603,478
Louisiana	NA	0	0	0	0	0	0	0	790,430	756,017	2,875,376	2,613,811	1,936,715	927,353	626,150	851,261	964,318
Maine	NA	5,000	5,000	821,675	480,594	415,000	986,000	1,311,000	0	0	0	0	31,830	0	0	0	442,395
Maryland	NA	40,000	25,000	300,000	300,000	200,000	200,000	200,000	189,999	646,989	1,181,872	1,168,566	0	2,000,000	188,034	1,000,000	2,641,048
Massachusetts	NA	0	0	0	0	2,640,446	4,998,471	3,982,930	6,660,272	3,906,259	5,049,247	4,183,011	5,044,038	7,048,706	27,660,771	33,754,301	21,922,502
Michigan	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	200,000	404,961	0
Minnesota	NA	1,243,965	249,201	1,702,500	122,084	327,995	897,117	387,372	0	0	0	0	0	0	153,294	0	0
Mississippi	NA	1,550,000	1,250,000	0	0	22,914	1,739	0	0	0	0	0	0	0	0	0	0
Missouri	NA	0	0	0	0	0	0	0	0	0	0	500,000	0	0	0	1,979,775	0
Montana	NA	835,942	405,260	187,163	1,200	332,678	0	0	178,300	0	0	0	0	0	0	0	0
Nebraska	NA	5,000	10,000	196,427	236,100	100,000	0	266,783	177,207	495,519	4,000	0	350,000	157,872	172,926	218,017	0
Nevada	NA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Hampshire	NA	0	0	0	0	0	0	19,920	86,235	0	8,938	0	15,000	0	0	10,000	0
New Jersey	NA	500,000	0	437,685	0	0	0	0	0	0	0	0	0	0	0	0	3,273,399
New Mexico	NA	0	0	0	57,083	0	0	0	0	83,198	82,970	169,166	79,323	0	0	0	0
New York	NA	29,744,916	45,608,891	41,789,076	27,061,407	36,809,190	45,627,241	50,958,594	55,855,216	86,541,730	51,407,945	65,977,562	60,426,855	65,172,565	52,943,590	66,848,863	64,222,890
North Carolina	NA	100,000	105,000	0	0	1,322,052	1,652,847	1,969,629	0	0	1,656,680	1,500,000	1,574,989	1,680,920	1,659,524	1,740,000	1,719,136
North Dakota	NA	4,153,800	5,200,850	2,778,935	3,931,762	6,858,556	5,705,731	3,826,839	8,098,449	9,031,575	6,229,265	10,111,495	24,409,679	9,398,767	18,378,646	30,205,490	22,908,318
Ohio	NA	41,236,142	47,150,392	62,348,681	52,267,399	6,472,561	11,048,550	14,930,905	15,281,674	15,071,024	14,557,578	11,929,919	8,291,260	9,364,131	5,992,718	5,975,652	984,181
Oklahoma	NA	387,401	149,201	330,000	323,800	1,246,000	1,625,000	2,733,540	1,390,000	977,210	684,211	599,094	550,284	883,335	1,459,455	2,045,141	2,674,572

Table 9. State government expenditures for energy-related R&D, by state: FYs 2009–25

(Dollars)

State	2009[a]	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	NA	175,000	50,000	0	0	7,099,464	7,467,172	3,774,000	3,000,000	2,250,000	4,550,000	1,590,000	2,400,000	1,659,775	1,250,000	3,516,670	3,516,670
Pennsylvania	NA	0	0	2,070,343	1,699,984	2,580,520	2,156,564	2,603,817	100,000	0	5,323,743	837,000	1,009,207	457,337	3,878,560	2,461,597	1,888,416
Rhode Island	NA	0	0	0	0	2,000	1,200	104,121	131,554	48,106	0	0	0	136,999	349,934	0	0
South Carolina	NA	863,890	871,078	484,124	251,410	56,129	163,885	213,958	206,826	92,280	86,506	125,624	474,350	562,345	587,345	740,763	599,324
South Dakota	NA	0	0	0	0	3,779	26,862	11,135	22,447	181,466	39,853	16,021	1,968	0	37,445	22,097	90,000
Tennessee	NA	0	35,764	6,553	0	0	0	213,026	0	106,514	106,514	106,514	0	0	50,851	9,001,487	31,738,366
Texas	NA	0	0	374,013	447,132	0	0	0	0	0	0	0	0	0	0	0	0
Utah	NA	7,375,546	7,209,348	4,125,214	4,558,744	2,076,936	4,835,743	1,213,403	2,525,845	1,909,139	0	500,540	0	0	0	0	120,000
Vermont	NA	300,000	300,000	167,769	179,391	223,802	239,382	0	0	0	0	0	0	0	0	0	0
Virginia	NA	10,301,835	8,564,304	8,321,652	10,400,000	5,789,258	6,263,600	549,281	528,160	360,108	350,000	179,664	409,898	412,180	438,598	937,176	1,549,469
Washington	NA	0	0	0	0	148,000	0	1,916,700	8,197,974	3,309,037	7,621,218	6,731,672	11,573,426	15,236,975	7,987,717	8,702,876	7,662,136
West Virginia	NA	2,495,817	2,737,372	102,719	159,332	857,387	820,450	1,689,433	1,456,024	2,486,309	1,703,058	1,390,229	872,617	1,333,732	1,640,120	3,223,124	4,396,157
Wisconsin	NA	0	0	250,000	150,000	30,000	30,000	0	0	66,000	0	0	0	0	500,000	0	0
Wyoming	NA	0	0	386,452	182,082	356,188	349,552	538,491	1,323,767	71,133	184,398	1,651,390	1,217,483	1,150,355	3,597,455	7,918,659	3,501,635
Puerto Rico[c]	NA	100,000	100,000	106,470	220,000	422,494	400,000	na	na	na	na	na	na	0	61,401	0	0

na = not applicable; did not report to survey. NA = not available; not collected as a separate R&D function for FY 2009.

[a] Energy category was introduced with the FY 2010 and FY 2011 Survey of State Government Research and Development. Previously, energy-related R&D was reported primarily in the other category and in the environment and natural resources category.
[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.

Note(s):
State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 10. State government expenditures for environment and natural resources-related R&D, by state: FYs 2009–25

(Dollars)

State	2009[a]	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[b]	328,102,718	356,603,823	380,376,738	357,528,082	380,245,106	369,242,699	416,120,534	411,765,467	450,709,184	418,889,511	440,269,973	448,489,450	444,593,349	556,643,092	591,490,952	604,987,932	660,117,345
Alabama	7,694,078	8,922,103	13,521,133	12,879,773	9,984,291	4,106,869	5,718,986	12,848,739	14,685,442	13,608,231	9,403,795	5,930,160	6,080,232	70,126,266	53,882,774	45,830,380	40,638,481
Alaska	6,449,300	5,833,600	6,767,900	3,702,011	3,662,664	9,001,900	8,987,200	7,617,940	5,324,200	7,104,800	8,392,100	8,878,600	9,713,200	10,015,251	12,740,515	10,752,476	15,040,927
Arizona	6,356,155	6,023,906	5,743,162	5,327,071	6,689,903	6,184,876	7,012,194	4,253,582	2,220,204	1,755,221	1,077,891	1,849,760	1,682,113	1,140,215	1,552,790	2,131,091	1,614,335
Arkansas	345,832	658,590	680,971	707,557	942,106	0	303,087	530,436	0	2,249,406	2,426,103	2,455,409	1,143,026	1,558,599	2,270,144	3,181,923	2,408,289
California	48,172,325	30,914,302	43,443,294	26,096,846	30,615,059	28,842,415	30,382,163	30,970,439	34,984,578	41,221,163	40,709,827	46,017,594	46,696,431	64,903,411	63,966,691	70,943,128	76,005,933
Colorado	8,317,796	7,142,396	7,185,567	6,957,024	6,576,449	8,449,733	8,630,632	7,187,484	9,718,770	9,097,135	10,798,678	11,609,704	11,287,126	7,762,275	10,539,540	11,926,882	17,791,047
Connecticut	5,814,050	13,081,012	12,517,073	12,661,538	13,780,616	10,592,603	10,303,327	10,527,008	9,545,714	10,218,069	10,599,160	11,473,607	11,706,792	11,877,203	12,908,890	12,644,615	12,526,078
Delaware	1,433,562	2,139,720	2,359,902	2,231,693	2,754,545	1,988,655	2,048,014	1,849,169	1,973,153	2,686,413	2,701,302	2,241,188	2,125,080	2,229,910	2,096,191	2,281,072	2,278,679
District of Columbia	0	0	0	0	0	1,740,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,920,000	1,821,400	1,976,600	1,848,077	1,850,270	2,042,707
Florida	17,934,886	50,262,488	47,437,237	48,709,314	47,462,678	51,191,986	57,934,383	51,313,340	52,812,260	50,929,717	52,486,202	56,851,522	57,586,211	57,744,843	66,897,373	83,757,827	80,751,884
Georgia	0	0	0	2,607,843	3,999,505	2,584,180	3,062,308	2,027,695	2,221,630	0	3,871,745	1,164,256	3,132,706	12,722,663	2,927,411	3,154,472	3,332,682
Hawaii	4,497,068	5,229,835	5,607,794	4,533,302	4,484,602	6,929,035	7,849,438	6,483,585	4,975,227	1,363,167	895,592	385,278	320,500	632,000	513,210	1,017,703	984,313
Idaho	5,881,390	6,123,012	6,064,901	8,072,165	8,059,032	7,827,527	8,164,676	7,991,169	8,495,485	8,049,677	8,364,544	10,831,981	9,473,386	9,482,216	9,232,224	6,062,574	12,808,233
Illinois	56,800	0	0	0	0	0	0	0	0	0	0	0	18,525,888	17,723,231	32,327,079	4,623,526	5,115,824
Indiana	1,821,645	1,700,000	1,700,000	15,000	2,500	37,694	124,964	790,356	309,601	100,000	0	141,764	720,153	352,281	3,866,329	2,815,311	2,151,913
Iowa	0	7,074,696	3,640,397	3,278,552	3,517,000	4,135,147	4,279,253	3,981,402	3,892,642	3,669,395	3,797,923	4,170,756	2,994,029	3,688,099	1,945,868	4,471,907	4,747,024
Kansas	365,000	365,000	465,000	0	0	166,000	258,099	747,974	3,190,713	4,145,270	3,645,223	4,840,882	7,217,311	8,280,611	1,716,521	2,080,211	4,873,335
Kentucky	2,874,829	2,005,156	2,137,523	5,902,607	6,074,737	688,300	768,100	2,021,103	3,610,436	2,897,000	2,531,000	2,237,368	2,406,089	7,261,361	7,622,379	9,036,158	6,780,914
Louisiana	1,567,596	2,522,697	8,005,483	10,305,857	8,174,868	7,750,826	21,166,032	18,265,666	16,653,861	12,451,900	11,751,729	12,455,929	10,483,689	10,092,683	11,664,250	26,537,429	4,845,296
Maine	1,969,352	2,527,524	3,728,729	1,615,411	1,434,954	2,127,448	3,129,609	4,737,000	4,913,480	3,399,559	12,055,909	7,070,173	7,542,075	7,605,622	7,640,976	5,534,422	14,650,689
Maryland	6,853,050	390,000	616,000	963,777	947,472	1,191,164	3,070,807	790,790	2,328,795	1,680,353	1,625,725	1,184,063	900,754	410,466	439,038	157,000	450,016
Massachusetts	1,082,161	1,116,916	842,629	928,129	1,031,320	11,503,702	12,416,317	13,432,781	9,621,224	8,926,019	8,938,925	10,052,872	2,752,268	3,522,905	3,317,234	3,001,382	6,882,030
Michigan	2,320,826	4,792,530	4,595,080	3,164,059	4,582,027	3,561,675	4,025,524	7,519,042	8,548,682	471,572	1,555,898	1,265,405	1,690,204	880,828	702,204	909,155	1,560,830
Minnesota	1,566,712	1,813,748	794,167	673,544	1,662,951	2,678,015	3,562,237	3,499,210	3,446,554	3,790,153	5,356,934	3,365,930	3,612,375	4,929,165	4,711,365	6,233,155	6,809,843
Mississippi	2,105,823	3,634,374	3,295,081	1,458,268	1,562,376	917,631	566,320	1,025,908	2,162,824	6,216,398	5,579,050	4,637,046	4,036,645	6,374,191	7,059,347	8,889,870	7,245,480
Missouri	10,133,435	9,482,088	8,530,764	9,502,232	9,297,498	10,347,414	11,728,858	12,524,705	12,672,628	13,159,754	11,968,316	11,624,124	10,111,070	7,213,438	7,666,807	7,637,047	7,574,767
Montana	1,871,061	2,185,884	2,343,724	2,920,932	2,479,271	3,247,491	3,688,918	3,336,125	4,888,356	4,140,091	4,146,533	7,753,095	3,873,284	4,371,611	4,658,143	7,102,438	7,573,210
Nebraska	2,048,838	2,214,924	1,902,385	1,818,917	2,040,414	219,783	529,071	928,291	400,154	679,369	4,757,681	6,941,251	5,465,378	4,079,403	2,068,739	3,232,300	6,318,660
Nevada	0	32,942	47,582	46,905	45,408	170,494	192,802	83,663	4,967	100,000	128,914	222,553	439,233	474,700	920,333	3,285,206	6,272,514
New Hampshire	155,000	100,000	111,000	0	0	262,850	331,476	744,520	642,613	74,981	101,215	113,525	593,070	1,406,171	1,641,411	149,472	23,000
New Jersey	2,974,000	4,305,318	1,988,395	2,837,940	3,192,669	3,162,639	2,721,846	2,591,814	2,487,857	1,823,000	2,192,254	2,206,594	2,940,457	5,608,633	7,057,203	7,671,387	9,353,494
New Mexico	0	0	0	312,918	502,068	1,274,000	1,156,279	1,595,891	1,283,998	1,727,331	2,108,672	2,147,277	1,550,674	1,950,400	1,566,851	1,357,029	745,545
New York	36,911,399	29,002,576	19,416,212	25,121,628	23,232,954	24,029,807	21,834,761	21,338,549	25,507,577	23,271,335	33,457,115	30,312,324	31,482,716	21,860,827	30,403,179	35,047,412	34,712,173
North Carolina	20,919,615	5,076,664	6,817,285	3,011,692	3,136,983	2,864,841	2,901,909	5,490,244	6,354,160	7,534,575	7,935,915	7,263,072	5,733,496	6,263,664	2,906,002	4,718,145	5,410,899
North Dakota	587,710	22,500	15,000	0	0	825,000	825,000	432,220	1,339,067	1,150,015	1,546,256	789,902	918,049	624,754	659,780	1,197,474	1,411,708
Ohio	6,306,109	38,137,758	38,596,214	15,477,600	38,073,964	36,843,569	42,606,559	46,302,620	61,383,778	50,609,867	46,098,202	50,405,927	31,774,578	49,888,407	49,445,763	46,317,006	65,195,422
Oklahoma	2,552,285	1,631,015	2,505,761	2,248,062	4,765,208	5,921,730	5,465,000	5,201,284	5,714,953	3,041,465	3,697,616	2,281,991	2,291,905	3,000,003	2,389,244	3,801,498	5,103,908

Table 10. State government expenditures for environment and natural resources-related R&D, by state: FYs 2009–25

(Dollars)

State	2009[a]	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	8,279,562	14,867,136	16,924,664	19,780,040	20,153,209	17,070,483	18,412,322	11,208,431	16,722,907	14,527,986	19,896,508	16,706,262	17,198,988	18,199,863	22,483,060	20,121,499	26,813,538
Pennsylvania	9,395,553	7,891,207	7,749,253	8,058,329	9,069,833	8,792,509	9,129,370	9,043,493	7,739,820	8,326,030	8,385,384	8,868,958	10,393,255	13,890,852	18,896,798	18,974,193	23,503,953
Rhode Island	446,347	401,045	590,282	927,489	1,059,308	861,501	869,042	1,342,772	1,320,932	2,476,653	3,507,663	3,868,806	9,014,506	6,658,944	2,199,338	732,267	3,674,026
South Carolina	25,183,342	34,711,576	45,163,028	46,038,125	36,316,203	17,608,196	23,516,239	24,859,330	26,168,247	29,097,570	28,245,560	27,721,566	27,217,435	29,745,041	31,915,915	36,481,183	37,124,301
South Dakota	2,311,292	1,638,739	1,628,888	1,894,989	1,774,517	45,000	20,000	0	62,998	0	0	50,000	0	0	34,950	0	25,000
Tennessee	0	0	320,000	856,000	866,500	583,092	571,871	1,085,874	863,020	901,162	906,097	919,243	233,025	314,273	214,000	978,678	1,948,354
Texas	24,750,247	6,351,022	4,805,152	5,492,140	6,428,787	13,206,103	14,491,269	13,099,100	16,408,555	9,895,119	9,797,876	7,456,321	11,309,543	6,661,241	11,126,708	9,621,662	12,213,709
Utah	6,149,899	6,329,203	7,943,186	17,978,580	18,312,681	17,125,000	18,245,765	17,814,501	18,126,510	17,282,000	4,537,659	5,558,311	4,995,663	5,847,503	7,388,968	8,424,400	7,467,633
Vermont	0	75,000	75,000	115,469	102,379	252,928	90,683	153,931	50,195	49,859	308,227	282,511	274,477	63,773	79,783	35,450	141,945
Virginia	4,005,964	3,947,713	3,829,525	4,874,529	5,709,773	9,017,423	9,630,219	7,583,316	5,564,985	6,068,610	7,210,949	5,985,898	7,597,646	10,742,492	18,131,290	9,478,187	8,506,010
Washington	6,993,436	10,782,537	11,087,560	10,712,941	10,953,130	9,118,095	9,698,425	11,991,928	14,779,468	12,726,589	16,415,784	23,572,042	20,929,359	22,916,358	28,731,394	36,013,805	42,344,716
West Virginia	1,804,769	1,818,077	1,873,514	1,501,719	1,611,130	279,478	305,196	1,709,742	3,335,151	2,967,206	4,141,682	3,939,496	3,183,300	2,433,225	3,460,082	2,588,233	3,888,342
Wisconsin	15,201,270	6,717,528	10,197,725	9,081,222	8,894,211	7,183,900	7,569,100	6,503,000	7,237,000	7,206,044	6,060,492	5,423,223	6,879,700	7,047,780	7,574,828	7,355,100	5,702,965
Wyoming	3,641,349	4,607,766	4,765,616	4,126,343	4,225,353	4,731,992	3,824,884	2,388,305	2,013,813	2,022,282	2,152,148	2,043,931	2,542,859	2,086,841	3,481,963	2,842,922	2,730,771
Puerto Rico[c]	136,021	100,000	100,000	201,685	244,845	205,623	150,000	na	na	na	na	na	na	796,996	276,257	354,553	0

na = not applicable; did not report to survey.

[a] Energy category was introduced with the FY 2010 and FY 2011 Survey of State Government Research and Development. Previously, energy-related R&D was reported primarily in the other category and in the environment and natural resources category.
[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.

Note(s):
State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 11. State government expenditures for health-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[a]	655,232,591	706,857,175	807,478,439	928,730,622	917,012,571	857,841,801	953,278,196	982,391,978	1,102,800,942	1,103,231,515	1,081,355,223	1,017,817,515	1,066,237,251	1,087,918,824	1,281,631,030	1,454,346,296	1,461,441,705
Alabama	0	0	0	0	0	1,000,000	2,829,600	0	0	980,000	1,080,000	2,000,000	2,163,596	1,751,080	10,847,247	2,463,376	4,729,955
Alaska	0	0	0	0	0	0	0	930,260	1,591,735	506,881	320,476	474,542	866,695	534,187	268,294	122,970	249,285
Arizona	27,750	8,330,000	8,330,000	8,805,168	11,203,068	8,881,971	5,294,706	9,412,703	9,980,905	7,818,486	13,843,058	11,085,857	8,467,153	3,518,749	7,868,651	11,719,582	16,984,026
Arkansas	0	0	0	479,000	806,060	75,000	726,189	3,963,571	725,427	1,152,372	3,477,448	2,813,075	200,000	275,000	242,686	0	0
California	126,845,475	148,970,628	225,037,368	253,217,501	217,140,177	216,614,046	221,214,363	199,522,966	203,217,560	287,551,776	224,834,054	171,494,281	142,503,729	173,274,157	234,563,834	359,744,919	398,041,862
Colorado	4,029,968	8,527,268	6,759,774	5,131,657	4,261,796	1,640,750	1,248,410	3,389,071	6,359,827	9,708,144	10,026,796	8,061,107	9,548,470	8,813,647	8,971,048	6,870,833	5,427,583
Connecticut	17,730,124	19,337,597	18,783,202	19,510,447	19,239,333	20,966,024	28,803,862	26,312,600	29,158,735	29,361,070	29,921,946	29,124,362	27,271,532	26,085,781	24,164,742	20,465,360	21,090,241
Delaware	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District of Columbia	487,411	503,267	956,728	656,448	861,058	563,442	174,578	527,470	805,139	1,792,224	1,716,302	1,929,090	5,983,318	8,244,141	7,909,103	5,492,578	6,192,030
Florida	18,478,377	39,962,706	65,570,757	47,079,479	38,775,780	67,376,045	102,896,382	72,373,725	118,404,672	98,470,122	90,372,743	92,452,504	93,311,821	92,302,255	122,453,101	182,599,063	170,722,086
Georgia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hawaii	0	0	0	190,000	190,000	0	0	0	0	263,750	0	0	37,500	1,033,000	508,672	108,900	108,115
Idaho	0	0	0	0	0	30,226	130,045	148,927	111,453	376,277	338,288	212,000	0	0	0	0	0
Illinois	4,107,400	2,596,733	680,013	4,383,094	3,550,718	1,433,534	2,552,945	2,340,975	1,797,019	217,779	15,596	399,924	295,040	400,000	516,000	454,000	3,182,451
Indiana	20,304,740	0	0	135,000	708,497	10,000,000	0	0	2,849,998	299,865	600,000	0	300,000	0	0	0	0
Iowa	0	0	0	0	0	0	0	56,706	79,418	0	61,000	0	0	0	0	0	0
Kansas	1,040,411	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky	3,150,948	7,371,306	7,136,813	4,695,084	4,793,049	4,461,800	13,390,238	13,781,476	11,429,613	10,071,322	14,469,601	5,084,557	4,996,055	5,256,867	8,553,439	9,479,065	10,625,297
Louisiana	0	0	0	0	0	0	0	0	1,287,883	1,231,812	1,532,501	2,800,226	1,160,113	1,196,008	1,139,543	968,435	918,740
Maine	1,187,173	349,014	1,082,201	414,740	1,115,608	1,040,000	2,210,000	266,000	11,422,764	2,427,890	2,467,740	9,463,845	12,612,119	9,873,473	11,660,337	14,374,011	12,134,928
Maryland	8,801,328	17,699,478	13,611,823	17,851,235	24,603,993	26,800,000	20,500,000	23,700,000	23,800,000	23,800,000	22,520,611	24,466,432	25,100,000	26,227,112	43,682,169	37,278,524	42,697,618
Massachusetts	2,208,037	2,130,489	2,045,865	2,990,371	3,559,104	4,081,553	5,249,751	5,979,649	5,003,259	5,043,625	6,632,267	6,849,528	6,574,962	7,689,115	7,473,568	7,258,818	7,639,858
Michigan	0	0	0	0	0	0	0	2,122,805	134,052	0	88,488	0	20,000,000	20,662,258	8,046,672	1,852,096	2,729,808
Minnesota	0	0	0	0	0	2,500,000	2,500,000	56,970	0	0	0	0	0	0	250,000	0	4,227,338
Mississippi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	21,534	48,741	26,867	56,987	509,035	103,760	233,307	592,500	242,500	3,449,500	1,893,865	6,259,000
Montana	822,627	822,299	848,774	202,778	39,483	577,157	642,384	389,076	491,415	311,826	311,826	0	0	0	0	0	0
Nebraska	15,035,043	15,097,864	15,548,482	16,056,068	16,245,250	18,200,000	17,312,977	18,084,908	18,473,914	20,240,268	18,986,705	19,977,610	19,480,431	19,918,950	20,069,625	19,898,274	19,046,691
Nevada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170,477	0	0
New Hampshire	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey	17,709,498	26,514,169	20,337,742	23,299,300	27,235,551	23,534,704	27,235,340	23,477,042	28,254,395	43,407,927	15,865,431	14,879,386	48,281,316	46,820,754	80,740,965	91,773,563	61,650,448
New Mexico	0	0	0	0	0	15,000	25,000	25,000	25,000	0	0	0	0	0	0	0	0
New York	280,837,508	283,069,421	282,851,404	277,519,794	270,756,889	256,559,541	243,968,723	269,492,703	284,862,343	267,111,534	315,479,125	313,857,986	289,740,653	308,203,902	295,176,385	305,142,743	297,030,353
North Carolina	0	50,000	50,000	0	0	0	7,966,618	6,899,677	3,686,679	0	778,247	3,810,296	3,665,704	5,202,825	8,484,484	8,180,782	7,868,028
North Dakota	100,000	0	0	0	0	0	0	0	0	0	29,510	349,127	5,182,820	3,313,396	874,605	914,259	4,254,271
Ohio	41,320,535	19,731,000	13,231,000	12,112,168	9,039,545	4,508,615	3,246,554	7,565,421	5,676,625	4,017,450	3,200,453	2,752,778	2,141,824	0	20,000,000	13,345,000	0
Oklahoma	5,796,835	5,049,251	5,478,209	12,107,346	14,185,074	14,455,147	14,970,721	15,661,166	16,552,610	14,673,618	16,263,121	17,420,143	17,077,727	16,139,607	17,774,197	17,873,894	18,120,029

Table 11. State government expenditures for health-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	0	0	0	0	0	1,000,000	1,000,000	2,000,000	3,736,168	4,400,000	6,000,000	3,100,000	5,127,824	3,779,289	4,980,964	5,501,925	5,501,925
Pennsylvania	66,341,905	70,998,595	59,182,594	56,902,179	44,055,514	11,421,718	52,398,628	51,364,919	47,614,029	52,933,326	53,335,777	73,605,865	72,166,914	61,719,253	62,664,377	56,496,720	32,140,277
Rhode Island	984,944	776,356	912,363	400,000	0	305,066	179,946	307,601	351,000	299,864	150,000	139,519	411,325	363,485	249,596	449,876	439,800
South Carolina	0	1,151,294	1,794,228	1,444,209	1,176,021	461,758	152,441	140,504	2,071,908	1,422,065	14,541,188	15,991,705	10,768,594	13,374,650	14,095,324	16,496,376	14,356,529
South Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	125,450
Tennessee	0	0	0	0	0	0	0	0	0	450,000	0	0	0	0	0	9,495,595	8,977,273
Texas	123,000	123,000	15,838,498	115,648,847	155,001,396	131,883,911	149,991,410	212,222,958	251,174,470	200,381,853	204,708,613	175,905,076	222,983,844	214,612,352	244,640,010	231,042,658	263,340,967
Utah	10,409,824	12,853,867	14,602,894	18,745,639	24,346,306	8,226,438	8,531,383	4,418,669	6,739,754	4,592,665	12,780	4,850	5,350	0	0	0	100,000
Vermont	0	132,198	190,117	160,853	170,780	170,047	252,706	139,055	166,047	166,047	210,747	215,000	163,373	553,199	1,818,036	798,646	0
Virginia	1,560,000	611,496	4,370,815	4,273,179	1,806,000	6,113,236	6,250,104	3,723,667	3,065,856	3,458,734	3,183,007	3,829,173	4,132,097	2,963,275	5,142,800	9,398,622	10,448,037
Washington	2,418,730	13,547,879	20,997,880	22,801,588	19,586,521	11,904,246	8,364,171	0	0	1,188,578	1,188,510	1,260,394	1,367,538	1,362,789	1,357,424	1,545,000	1,503,691
West Virginia	0	0	0	0	0	179,292	179,280	566,871	892,283	1,050,330	1,296,852	712,330	293,814	241,625	250,155	2,575,968	2,377,715
Wisconsin	3,373,000	550,000	1,248,895	1,517,450	2,560,000	840,000	840,000	1,000,000	750,000	1,543,000	1,140,656	1,000,000	1,000,000	1,314,143	503,000	0	0
Wyoming	0	0	0	0	0	0	0	0	0	0	250,000	61,640	261,500	656,000	70,000	270,000	200,000
Puerto Rico[b]	6,599,988	3,050,000	3,250,000	6,259,429	5,695,724	4,036,171	3,123,280	na	na	na	na	na	na	11,118,968	34,008,519	40,644,457	40,729,141

na = not applicable; did not report to survey.

[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):
State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 12. State government expenditures for transportation-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[a]	242,284,805	247,322,194	265,500,923	252,070,334	265,514,142	254,719,885	246,570,344	264,596,307	265,470,160	258,418,727	260,024,511	279,442,920	300,352,569	290,871,093	315,134,417	344,791,030	310,673,794
Alabama	3,485,318	4,730,116	4,407,856	3,348,079	2,654,296	7,237,806	9,255,656	7,658,433	6,921,982	2,014,658	3,601,526	3,601,526	2,211,001	3,692,380	5,360,260	5,805,616	4,064,589
Alaska	1,277,167	1,394,600	2,567,000	227,182	475,913	2,776,684	2,000,660	504,000	1,280,000	1,080,000	2,687,327	5,340,365	8,565,493	4,808,710	5,625,392	6,841,040	5,808,161
Arizona	2,624,700	2,175,550	1,756,700	1,817,300	1,737,800	1,261,685	1,258,900	851,449	919,757	2,500,355	1,356,182	1,473,269	3,179,987	1,414,933	2,064,934	1,389,618	1,681,835
Arkansas	881,000	1,064,332	927,990	2,057,208	1,915,324	1,269,000	1,486,000	639,945	1,266,550	1,013,231	855,437	690,108	376,215	1,079,240	1,936,385	198,644	666,626
California	40,057,000	38,136,000	37,445,000	36,897,000	35,038,000	35,560,150	35,201,005	38,340,899	35,515,719	36,225,667	34,906,443	41,248,806	47,716,505	39,260,000	49,446,825	53,967,136	22,473,427
Colorado	1,424,481	1,930,506	2,270,155	1,623,980	2,338,837	2,099,101	1,881,210	1,476,466	1,128,528	1,750,822	3,288,163	3,268,633	3,791,995	3,395,841	4,408,335	5,129,531	6,258,600
Connecticut	3,777,288	4,028,757	4,011,628	4,018,000	4,100,000	3,936,126	5,409,867	2,370,317	3,516,438	3,150,000	3,283,420	2,734,495	2,408,289	2,971,742	3,907,816	3,566,574	3,984,080
Delaware	250,000	250,000	250,000	2,404,027	1,974,596	255,213	141,621	845,618	1,293,881	1,156,679	1,100,760	1,336,168	1,167,639	1,205,970	1,437,372	1,425,604	940,791
District of Columbia	0	192,931	264,380	1,361,999	987,742	754,327	828,377	1,532,145	919,305	723,440	422,412	239,295	289,382	245,919	623,962	496,322	607,174
Florida	9,830,053	9,804,294	15,645,022	11,836,984	10,300,582	15,054,989	11,121,055	12,932,838	14,112,753	16,470,858	15,367,289	13,322,175	11,527,555	14,134,393	15,501,144	14,773,125	16,677,807
Georgia	4,162,887	7,723,795	10,290,663	9,012,569	8,698,341	6,095,576	3,842,272	5,089,460	5,586,082	8,738,202	8,034,229	8,599,878	6,599,041	4,505,966	7,003,378	9,075,430	8,036,943
Hawaii	2,339,180	2,672,356	561,367	881,851	1,230,056	1,148,448	1,338,452	1,023,488	786,590	595,364	802,000	487,500	5,013,530	2,793,386	1,735,402	2,937,628	2,922,867
Idaho	1,318,377	1,406,718	1,580,312	1,368,700	1,929,300	2,161,329	1,436,567	2,015,633	1,956,415	1,861,276	3,339,242	3,317,794	2,144,749	2,852,305	2,862,749	2,633,825	2,477,927
Illinois	5,369,057	7,066,133	9,287,308	7,354,832	8,719,083	9,517,493	9,602,367	10,148,743	9,969,256	7,834,288	9,458,562	9,710,698	9,430,989	9,782,913	10,233,989	9,744,978	9,051,012
Indiana	4,000,000	5,616,545	4,074,838	6,927,051	8,444,691	10,584,435	7,483,614	5,021,323	6,477,522	10,641,648	8,495,933	8,734,644	8,261,486	9,312,575	12,624,242	24,294,542	13,168,923
Iowa	6,463,700	5,770,000	6,050,000	7,638,920	9,485,810	4,581,695	5,829,951	6,645,953	4,785,941	5,543,815	5,190,691	7,228,882	6,942,156	6,142,926	7,117,988	9,132,038	8,976,707
Kansas	7,416,636	5,039,914	5,002,773	5,147,330	4,724,025	3,923,777	3,749,587	3,872,000	3,049,000	3,960,800	3,714,875	3,637,912	3,237,535	3,765,115	3,882,450	3,630,258	3,035,224
Kentucky	4,228,240	4,042,181	4,425,113	3,324,600	1,964,500	5,769,400	6,294,300	8,442,000	7,461,167	7,152,574	7,020,302	7,158,996	8,931,685	8,781,665	8,125,749	9,991,432	11,537,403
Louisiana	6,717,882	6,642,447	6,396,052	6,975,472	6,965,116	11,000,000	11,000,000	9,000,000	9,000,000	9,500,000	10,000,000	9,200,000	9,185,327	10,065,406	8,562,086	54,281	8,089,683
Maine	563,379	709,306	505,860	354,463	521,444	868,000	1,003,000	1,253,000	903,000	780,000	1,136,000	824,000	1,500,000	1,558,635	1,185,950	1,854,258	1,818,504
Maryland	2,209,280	3,167,924	4,080,017	1,928,111	1,778,080	1,590,096	882,171	711,454	2,011,643	2,313,219	1,735,096	3,660,436	2,211,739	2,643,003	1,886,593	2,568,105	1,846,664
Massachusetts	0	1,637,025	1,504,260	0	0	0	0	0	3,480,037	1,700,000	4,425,000	3,840,000	3,767,017	4,050,000	7,849,400	8,177,210	6,867,367
Michigan	6,103,101	4,640,000	5,125,000	8,900,000	7,700,000	5,500,000	5,500,000	6,200,000	6,820,000	5,780,534	5,132,200	6,610,319	6,812,098	6,225,844	6,977,495	7,744,071	7,819,391
Minnesota	13,908,648	7,853,451	9,222,369	7,427,179	11,089,502	11,147,618	11,558,082	13,401,308	9,925,085	10,782,862	11,092,823	11,619,600	14,081,495	15,618,920	13,048,837	16,990,060	17,470,914
Mississippi	1,518,130	1,883,735	2,463,770	4,801,812	3,300,936	288,622	212,557	1,263,531	2,106,750	1,961,803	5,991,596	4,417,666	5,542,522	3,300,333	2,763,759	3,205,084	3,782,809
Missouri	5,495,716	3,657,806	5,043,082	3,190,008	3,372,137	3,985,039	4,066,030	1,190,224	1,289,739	1,356,738	1,830,194	1,557,401	2,120,015	2,646,956	3,342,278	4,028,969	2,292,895
Montana	876,558	917,662	1,168,956	1,418,422	2,061,516	1,418,000	1,663,000	2,886,974	1,215,380	722,979	820,527	1,810,989	1,732,922	1,971,362	1,831,760	1,978,265	2,618,058
Nebraska	1,014,814	986,918	1,123,236	1,647,512	1,721,453	1,708,434	1,810,483	2,966,171	1,373,075	1,355,258	1,409,861	1,985,947	1,735,953	1,270,607	1,239,135	1,788,598	1,822,503
Nevada	1,510,607	1,048,465	1,393,048	1,119,857	1,595,463	3,257,663	2,914,364	1,554,297	1,860,066	921,936	973,452	1,298,811	1,588,437	1,632,800	1,330,439	1,317,935	1,454,979
New Hampshire	1,167,264	1,009,986	1,196,452	1,380,083	1,226,961	786,600	844,700	260,640	673,806	669,797	807,378	661,587	605,207	734,656	723,467	871,739	469,827
New Jersey	4,153,340	6,570,052	5,542,644	3,243,333	3,985,296	3,687,478	3,798,842	4,414,453	6,672,869	6,064,082	2,717,094	3,125,627	5,440,354	7,239,506	2,596,557	5,097,040	6,099,278
New Mexico	1,655,529	1,422,955	1,821,583	941,856	1,249,365	1,648,017	1,577,835	1,352,087	502,000	1,403,431	1,377,302	2,808,156	1,316,767	1,400,300	770,937	2,106,925	2,642,762
New York	12,445,993	13,024,897	12,191,046	6,071,256	12,838,391	9,321,647	6,850,569	10,571,211	10,836,858	14,441,199	8,842,589	9,463,758	11,189,625	10,073,889	14,085,670	4,480,681	4,512,179
North Carolina	9,000,000	9,225,000	9,500,000	8,884,000	6,548,000	5,688,066	5,534,981	6,864,896	7,395,578	8,661,785	7,959,645	8,877,335	10,882,065	9,103,250	7,864,239	10,169,513	9,894,524
North Dakota	963,611	598,349	578,559	569,931	584,875	596,824	407,000	899,987	1,902,328	2,592,127	1,336,855	3,635,470	1,204,774	1,298,374	1,820,328	1,539,234	1,421,818
Ohio	10,308,223	13,111,393	17,281,878	20,745,056	22,035,664	16,507,471	10,142,447	12,713,029	12,015,510	7,078,867	6,886,766	6,249,317	6,276,848	6,349,868	5,432,652	6,007,875	8,923,792
Oklahoma	3,818,308	3,845,728	4,101,968	2,497,372	4,030,997	4,873,928	3,817,249	4,554,002	4,365,557	5,700,014	6,849,411	6,480,977	4,963,501	4,292,220	4,740,677	5,015,636	5,669,981

Table 12. State government expenditures for transportation-related R&D, by state: FYs 2009–25

(Dollars)

State	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	2,705,721	2,481,963	2,494,162	2,004,957	2,639,702	2,290,000	2,938,000	1,960,000	3,120,794	3,445,111	5,411,595	2,460,479	3,638,363	7,385,549	8,590,054	3,802,532	3,400,139
Pennsylvania	5,815,684	2,979,258	3,919,294	4,034,828	3,842,683	3,095,997	2,438,279	3,889,274	2,714,547	1,714,300	3,913,899	3,934,697	5,576,553	4,100,235	4,800,272	4,086,264	4,569,550
Rhode Island	446,433	283,838	445,082	334,093	541,470	1,576,999	1,436,793	183,000	1,164,842	0	1,225,000	0	185,472	900,000	1,687,000	1,050,000	1,212,333
South Carolina	2,476,225	1,384,632	1,581,676	1,967,442	1,942,501	1,594,110	2,160,647	2,225,883	2,497,762	2,178,465	2,159,379	1,851,635	2,646,350	2,581,949	2,339,150	2,046,024	2,122,628
South Dakota	2,069,310	2,098,898	2,000,267	1,477,644	1,811,337	1,798,604	1,236,834	1,722,981	1,550,351	1,670,091	1,222,798	1,321,098	1,178,029	2,109,493	1,904,042	2,046,079	2,133,660
Tennessee	3,752,587	1,064,262	3,286,726	3,369,468	2,505,628	3,780,473	3,256,696	2,911,522	3,528,759	2,659,034	3,107,664	2,650,589	6,683,667	5,399,804	3,234,659	18,157,736	15,888,800
Texas	22,535,124	25,071,272	23,851,121	22,715,697	20,671,237	13,640,184	19,803,109	28,049,226	26,213,677	17,247,836	17,294,677	20,694,167	20,505,965	24,982,335	24,220,565	22,375,505	23,682,426
Utah	800,000	2,600,000	2,600,000	2,030,000	2,430,000	2,293,133	1,470,900	2,375,221	3,955,036	3,374,087	3,435,069	3,141,698	3,315,176	2,684,063	2,729,191	2,926,193	3,515,528
Vermont	738,707	666,981	493,856	705,916	836,839	1,007,865	793,005	698,263	924,025	1,625,848	2,211,617	1,081,391	1,097,307	843,185	935,387	890,741	773,649
Virginia	9,443,286	8,931,272	8,469,431	9,974,446	14,128,627	12,779,955	17,554,526	16,692,096	15,877,244	15,739,313	12,889,933	19,782,914	18,505,828	16,489,762	19,463,187	24,182,863	22,804,722
Washington	2,285,130	5,402,675	5,095,830	4,893,607	4,257,879	5,450,000	5,450,000	5,607,000	4,852,000	4,852,000	5,596,000	4,890,000	7,528,900	4,527,700	6,136,300	5,472,000	6,863,124
West Virginia	950,000	5,100,000	5,583,425	2,518,000	2,729,000	2,477,760	2,193,922	2,690,000	3,935,000	2,400,000	2,124,711	2,028,215	2,257,746	2,260,000	2,086,106	2,201,284	404,912
Wisconsin	5,030,145	3,572,299	4,115,612	4,828,319	6,215,294	3,843,195	3,106,681	3,038,585	2,884,850	4,084,993	3,754,645	4,106,692	2,176,168	4,217,027	4,310,941	4,157,964	4,278,738
Wyoming	900,986	687,017	506,556	1,872,582	1,637,853	1,230,873	986,181	1,085,282	955,106	1,227,341	1,428,942	1,240,805	1,105,147	768,083	746,932	1,367,025	1,135,561
Puerto Rico[b]	200,000	180,000	180,000	200,000	200,000	560,000	560,000	na	na	na	na	na	na	0	1,641,919	45,784	30,015

na = not applicable; did not report to survey.

[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):
State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 13. State government expenditures for other R&D functions not separately identified, by state: FYs 2009–25

(Dollars)

State	2009[a]	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[b]	324,394,437	143,020,206	194,003,452	168,806,778	175,751,245	161,254,411	164,001,971	175,314,245	223,723,280	221,761,855	170,319,834	155,473,832	177,356,368	255,887,929	314,043,086	237,280,264	247,799,802
Alabama	1,749,771	472,892	475,402	336,920	144,180	5,801,167	5,743,808	4,156,899	3,954,359	4,767,179	5,422,102	14,046,688	19,074,334	11,655,697	12,352,059	8,990,666	10,141,620
Alaska	0	0	0	0	0	0	0	0	0	0	0	0	0	1,067,928	0	0	0
Arizona	134,587	742,869	361,685	0	0	0	0	0	0	139,859	0	559,621	610,954	561,258	715,000	216,653	127,132
Arkansas	3,482,899	4,343,045	1,994,713	557,653	378,064	367,653	635,381	3,046,876	3,391,597	2,517,653	967,697	853,429	1,525,000	1,510,815	217,604	2,998,121	2,880,675
California	78,620,000	2,798,033	1,657,802	3,914,236	3,532,072	15,078,629	10,694,395	19,762,981	20,665,387	18,239,659	16,500,248	11,490,937	8,483,554	13,115,803	9,060,054	8,266,427	3,326,295
Colorado	661,000	937,051	934,066	902,386	989,741	1,304,741	1,945,853	2,282,691	5,291,487	7,938,023	8,567,133	7,041,385	8,222,524	13,471,113	10,499,182	14,340,096	8,593,163
Connecticut	0	0	0	0	0	6,275,000	5,126,590	6,067,653	9,471,359	8,441,757	9,579,524	7,538,344	5,894,102	12,402,675	7,493,093	12,671,951	11,971,351
Delaware	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
District of Columbia	0	0	0	0	0	78,502	138,118	0	0	87,400	83,698	252,283	34,566	94,094	182,776	403,963	0
Florida	860,000	295,290	1,961,528	933,175	2,205,335	0	0	0	0	0	0	88,406	100,000	100,000	100,000	0	0
Georgia	2,500,000	200,000	200,000	400,000	0	0	0	0	0	0	0	31,813	0	0	0	0	0
Hawaii	6,906,722	0	0	0	0	667,972	773,071	846,154	0	1,054,083	1,436,565	1,806,130	203,500	665,000	805,000	690,600	687,460
Idaho	0	0	0	0	0	0	0	211,098	0	368,772	436,773	242,114	376,305	0	17,500	0	0
Illinois	19,540	6,700,823	7,239,804	6,100,402	5,504,428	8,151,913	14,189,053	4,054,706	3,774,000	6,474,099	4,084,838	2,804,910	2,468,113	2,347,655	2,814,959	2,749,246	4,710,586
Indiana	21,423,543	1,128,287	1,208,526	413,937	360,000	2,061,287	1,773,787	7,092,309	7,078,946	6,124,290	2,851,256	520,000	678,500	1,940,000	6,440,451	4,719,658	4,829,684
Iowa	31,512,943	105,480	710,999	22,475	22,484	522,607	457,808	431,450	421,109	497,171	337,061	417,493	472,395	626,038	632,002	375,000	28,152
Kansas	2,698,381	0	0	0	0	107,479	1,125,847	1,307,150	2,097,137	1,753,805	996,465	998,756	998,754	997,727	1,000,314	1,000,950	1,001,643
Kentucky	3,684,117	2,734,995	3,382,158	675,726	630,162	984,267	1,611,896	4,234,982	6,190,489	561,098	0	1,651,000	1,413,739	1,578,217	1,561,654	1,693,226	399,930
Louisiana	0	0	577,544	862,067	573,126	0	0	0	13,674,007	13,078,673	8,712,529	4,259,471	9,075,190	9,272,639	9,494,495	16,720,722	9,857,308
Maine	2,178,872	4,104,324	3,609,925	2,954,810	2,183,936	2,000,000	4,268,000	3,097,000	3,560,926	4,849,586	9,750,028	8,348,636	8,814,847	4,232,010	16,906,121	9,463,693	6,476,864
Maryland	2,893,023	1,300,000	1,300,000	547,102	1,453,129	0	0	800,000	810,000	2,166,739	1,686,554	2,658,368	0	0	58,442	0	0
Massachusetts	0	0	486,173	0	0	0	0	0	2,972,231	3,425,000	6,870,000	6,775,000	5,169,336	1,305,697	2,123,113	6,563,650	5,290,816
Michigan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,700,000	1,950,000	0
Minnesota	192,945	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,033,353	1,404,369
Mississippi	0	100,000	412,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Missouri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,074,000
Montana	2,430,542	931,417	213,841	7,000	12,600	139,144	271,145	7,934,963	7,713,943	382,684	382,684	0	0	50,000	0	0	0
Nebraska	40,000	0	0	1,048,383	1,282,862	197,500	97,387	0	0	200,000	157,763	1,066,000	1,072,155	3,933,774	3,122,435	2,866,732	465,500
Nevada	0	0	0	0	0	0	0	4,078,492	9,131,829	6,120,737	6,584,759	3,055,388	1,958,195	1,327,253	1,447,334	1,804,890	3,378,727
New Hampshire	500,000	475,000	500,000	384,000	123,000	300,000	300,000	374,999	449,146	7,382,570	7,400,216	7,333,128	7,301,367	7,055,631	89,547	79,414	0
New Jersey	310,000	750,000	0	0	0	0	0	0	0	0	3,111,979	3,543,318	3,131,288	5,352,022	9,438,008	9,568,745	11,433,858
New Mexico	0	0	0	538,787	207,445	1,156,400	1,237,700	1,800,000	2,663,461	146,155	17,000	103,000	108,053	105,527	0	79,968	116,950
New York	43,358,014	34,300,000	43,500,000	29,975,639	46,870,153	48,029,330	49,698,758	47,586,721	48,217,604	48,216,789	28,702,682	26,276,536	15,675,047	92,678,434	84,768,308	46,631,693	43,903,470
North Carolina	916,162	265,000	261,000	2,689,346	3,017,144	500,000	4,396,029	3,692,598	104,672	302,439	290,671	480,186	891,454	2,489,577	1,105,281	941,840	1,343,552
North Dakota	13,828,867	133,500	263,000	164,400	372,000	0	0	0	0	0	0	223,743	247,149	93,115	1,034,581	1,326,254	914,622
Ohio	63,460,096	12,904,375	43,062,744	42,699,340	66,895,354	30,550,059	27,255,184	17,617,411	14,184,490	16,412,659	9,405,378	4,831,720	6,851,921	4,869,165	36,600,124	1,890,002	4,083,554
Oklahoma	2,152,790	9,017,136	6,460,924	4,088,727	2,419,202	2,268,709	2,263,698	2,970,545	3,770,097	742,842	1,054,738	1,110,061	29,777,125	1,816,735	1,471,588	864,608	2,063,747

Table 13. State government expenditures for other R&D functions not separately identified, by state: FYs 2009–25

(Dollars)

State	2009[a]	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	0	0	0	0	0	1,835,000	1,800,000	5,719,447	3,300,000	5,890,071	6,725,794	5,922,851	8,848,396	2,193,526	2,149,412	1,357,000	1,847,442
Pennsylvania	13,490,838	5,289,000	4,000,000	8,021,714	5,728,373	8,754,500	8,114,286	4,700,000	32,650,000	36,950,000	10,905,196	11,974,987	1,874,000	4,943,571	4,227,627	7,890,146	6,976,654
Rhode Island	0	0	0	200,000	0	479,906	107,997	1,434,966	778,812	489,904	580,675	540,100	562,327	202,000	0	436,597	491,773
South Carolina	518,619	33,179,054	35,190,338	22,471,369	7,888,340	2,056,900	927,325	2,718,162	3,076,392	569,623	937,457	300,983	1,610,976	2,022,292	1,579,405	641,540	3,134,182
South Dakota	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	50,000	193,000
Tennessee	0	0	0	61,313	58,348	0	0	2,830,000	5,042,000	4,965,000	3,319,120	3,363,577	2,670,514	33,245,253	64,171,745	50,678,612	60,586,371
Texas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	187,844	0	0
Utah	8,082,988	1,650,000	1,950,000	0	0	5,056,613	3,049,085	4,547,529	0	0	0	0	0	0	0	0	13,830,000
Vermont	0	0	0	0	0	0	415,612	0	0	0	0	90,998	0	0	0	0	0
Virginia	6,846,941	2,883,797	1,928,981	4,218,088	2,342,026	4,009,135	2,826,630	1,865,685	1,909,264	2,409,069	3,552,012	3,329,588	10,681,336	6,378,361	10,486,256	8,707,866	11,546,687
Washington	0	0	0	3,046,202	3,370,552	2,967,873	3,285,711	3,282,013	3,235,997	3,354,053	3,344,321	3,279,219	3,408,658	3,221,766	3,337,518	3,918,652	4,704,538
West Virginia	7,602,237	14,453,838	25,129,599	29,251,581	14,435,189	7,422,125	7,341,817	1,577,385	1,574,886	1,564,077	1,776,758	2,782,045	2,238,929	2,667,574	1,251,754	1,197,730	654,127
Wisconsin	1,338,000	825,000	5,030,700	1,320,000	2,752,000	2,130,000	2,130,000	2,000,000	1,500,000	2,141,000	3,000,000	2,750,000	3,625,125	3,942,432	1,030,500	1,500,000	0
Wyoming	0	0	0	0	0	0	0	1,191,380	1,067,653	1,037,337	788,160	731,620	1,206,640	355,555	1,370,000	0	330,000
Puerto Rico[c]	1,731,697	601,391	587,869	350,654	940,348	795,212	757,107	na	na	na	na	na	na	4,884,573	11,414,787	6,878,776	3,120,886

na = not applicable; did not report to survey.

[a] Energy category was introduced with the FY 2010 and FY 2011 Survey of State Government Research and Development. Previously, energy-related R&D was reported primarily in the other category and in the environment and natural resources category.
[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.

Note(s):
State R&D expenditures by function were surveyed beginning with the FY 2009 survey. State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D. Other R&D functions includes but is not limited to corrections, criminal justice, education, forensic science, labor, public safety, and social services functions.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 14. State government expenditures for R&D funded from federal sources, by state: FYs 2006–25

(Dollars)

State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States[a]	255,400,683	279,267,900	NA	427,193,729	535,196,259	566,896,209	541,892,652	525,458,601	483,187,498	482,539,820	509,239,249	540,645,678	532,149,801	560,855,931	607,588,752	619,502,305	701,256,752	742,349,321	724,181,248	701,895,302
Alabama	3,636,117	4,968,557	NA	8,118,750	11,332,512	12,632,066	12,966,760	6,682,218	7,543,639	8,931,316	13,217,714	11,383,605	8,523,193	8,126,730	6,774,915	6,067,898	10,458,091	16,054,899	14,276,152	14,416,920
Alaska	5,647,941	4,945,800	NA	2,956,434	2,766,100	4,548,900	206,004	395,154	3,871,691	2,812,832	1,709,208	2,419,834	2,275,990	4,540,940	6,143,917	11,068,861	8,260,099	7,296,267	10,267,681	14,395,283
Arizona	5,659,756	5,436,201	NA	6,302,846	7,013,167	8,138,077	12,004,585	14,307,201	8,490,200	8,321,298	5,300,664	3,437,562	4,329,332	2,973,198	3,766,942	5,070,319	3,330,756	4,679,113	4,491,477	3,958,477
Arkansas	2,066,318	1,224,152	NA	3,578,975	2,473,992	4,465,149	8,031,452	8,588,120	5,015,200	6,238,800	7,575,244	6,581,901	6,295,667	5,674,217	4,966,349	983,181	1,840,818	3,269,056	4,305,361	3,809,187
California	27,867,854	13,491,703	NA	21,031,780	23,698,863	21,016,057	22,646,488	20,235,896	19,504,949	20,343,864	22,209,845	29,772,940	33,014,863	28,877,496	22,657,670	25,470,130	20,301,828	31,928,041	22,058,608	14,082,903
Colorado	4,044,780	4,684,285	NA	4,612,094	6,363,519	5,930,771	5,170,087	6,017,553	4,133,204	3,668,094	3,112,212	4,193,326	4,897,272	7,347,294	6,659,704	6,546,643	4,972,373	6,114,448	6,746,764	8,815,576
Connecticut	6,735,926	6,906,959	NA	6,507,528	11,067,425	11,158,166	11,904,666	13,751,916	12,150,832	13,036,055	13,926,972	13,638,682	13,800,338	15,827,200	15,873,807	15,879,739	14,622,416	21,341,245	27,568,730	19,189,885
Delaware	277,211	844,200	NA	566,184	796,963	847,732	1,687,502	1,684,136	691,432	862,471	1,210,192	1,548,842	1,742,603	1,572,165	1,476,864	1,355,648	1,533,976	1,721,282	1,897,241	1,300,914
District of Columbia	938,460	1,621,000	NA	487,411	657,612	1,168,232	1,712,507	1,467,091	1,277,405	1,035,397	848,770	1,249,571	2,359,043	2,025,098	2,560,026	6,245,794	8,368,175	8,515,771	6,289,673	6,813,320
Florida	9,887,481	9,439,483	NA	13,605,050	27,629,492	26,588,661	26,701,503	25,537,040	25,536,046	22,302,689	21,594,312	26,259,352	26,978,471	24,512,331	30,382,990	25,068,596	27,469,288	25,903,893	27,258,970	26,447,129
Georgia	5,545,780	2,763,180	NA	2,918,071	5,018,230	6,919,140	8,600,759	10,454,723	10,548,856	8,055,609	11,377,179	12,488,470	16,868,348	16,171,100	14,101,354	17,725,257	16,555,047	16,287,488	22,866,593	23,820,052
Hawaii	8,578,749	17,593,176	NA	10,716,399	11,483,268	10,343,631	8,180,435	9,594,181	9,214,342	6,940,018	13,543,956	8,424,072	6,649,466	3,667,466	7,330,911	8,334,826	3,397,342	2,563,321	2,839,012	4,508,084
Idaho	652,451	1,276,787	NA	3,986,193	4,716,185	4,925,050	6,959,273	7,971,555	8,208,360	7,130,703	8,670,010	8,699,138	7,910,743	10,596,005	12,620,448	9,698,956	11,009,398	11,364,333	7,184,984	13,030,199
Illinois	1,521,332	1,990,000	NA	3,414,851	4,851,170	7,033,966	5,421,531	6,176,896	7,032,929	6,913,774	9,304,530	6,902,678	5,330,301	6,900,290	7,641,755	17,876,553	17,698,320	25,771,315	7,426,437	8,151,507
Indiana	4,428,024	4,017,815	NA	4,681,045	6,559,869	5,428,287	6,187,545	7,252,510	9,738,835	7,358,178	5,189,705	5,270,053	6,000,000	6,100,000	7,126,764	6,875,499	7,098,396	9,162,767	20,284,519	11,706,626
Iowa	4,388,234	2,424,713	NA	1,949,200	4,210,203	3,391,265	3,370,143	3,960,205	5,481,288	5,615,415	5,714,200	4,745,317	5,823,675	5,215,707	7,734,114	4,841,194	5,359,474	5,714,355	7,697,318	6,797,850
Kansas	4,864,624	4,107,233	NA	5,619,610	3,625,557	3,675,258	3,356,770	2,983,235	2,360,850	2,138,068	4,036,102	4,875,065	5,768,271	5,465,441	6,612,890	8,343,437	9,188,967	2,627,935	2,819,873	2,007,335
Kentucky	6,823,866	6,315,996	NA	4,755,197	5,263,230	5,873,846	6,170,250	4,316,909	5,266,569	5,935,717	8,070,770	8,364,540	7,475,368	6,577,173	6,273,543	7,548,030	10,566,579	9,546,502	12,003,764	12,135,208
Louisiana	6,382,762	4,125,505	NA	4,539,936	4,929,033	5,536,833	7,295,467	7,412,982	9,900,000	10,012,449	14,853,950	24,199,118	21,892,547	21,317,872	19,251,675	19,523,775	17,690,354	18,445,998	29,642,130	14,060,263
Maine	0	65,000	NA	1,304,294	1,836,035	2,439,296	1,167,751	1,158,805	2,038,174	2,952,778	3,557,605	3,276,573	3,057,355	3,830,784	4,162,595	12,263,843	13,633,417	37,765,217	20,973,235	27,411,958
Maryland	5,053,001	7,228,749	NA	4,234,200	1,643,939	1,551,214	1,888,327	1,944,190	1,782,810	1,649,862	940,143	2,557,338	4,220,626	2,924,655	4,016,621	2,005,962	1,732,396	1,336,954	1,715,671	1,472,831
Massachusetts	1,125,989	1,200,525	NA	379,847	814,609	1,209,020	1,328,828	1,803,176	5,480,624	6,490,647	6,615,788	8,499,880	6,838,085	10,952,465	11,397,894	6,047,993	7,056,757	8,462,093	15,112,369	7,131,139
Michigan	4,127,849	3,910,171	NA	6,054,036	6,885,798	7,110,347	8,187,688	8,454,896	8,417,785	8,346,295	9,760,802	9,352,419	5,774,656	4,579,680	7,184,297	6,912,826	6,869,738	9,084,859	7,824,233	8,005,370
Minnesota	2,002,686	3,083,506	NA	4,864,789	3,457,202	3,782,840	3,718,840	3,652,840	4,827,540	4,814,486	6,772,202	4,757,077	4,443,333	6,020,868	6,272,311	7,689,513	8,566,979	8,729,109	11,049,227	13,937,565
Mississippi	2,285,202	6,272,085	NA	2,926,523	5,671,257	5,454,392	5,174,275	3,937,121	971,637	618,485	2,036,701	3,479,041	5,695,540	8,869,165	8,768,392	9,061,908	7,914,852	8,564,182	10,091,295	10,807,324
Missouri	5,473,754	4,962,973	NA	5,556,085	3,161,177	4,103,709	3,702,943	3,521,812	4,887,547	5,641,298	3,684,515	3,979,736	4,114,609	5,102,079	5,750,412	4,240,386	4,836,862	6,265,084	5,842,791	4,964,702
Montana	2,913,589	1,837,440	NA	2,249,403	2,659,895	2,868,954	2,907,039	3,463,568	3,254,014	3,672,296	4,640,449	5,546,645	4,365,342	4,577,231	6,777,890	5,600,354	5,647,319	6,762,205	10,220,896	10,693,750
Nebraska	1,940,130	1,275,191	NA	1,162,077	878,999	1,071,515	1,900,163	1,973,878	1,607,015	1,668,537	2,703,884	1,406,169	1,681,576	4,371,507	6,818,177	6,288,269	3,981,578	3,354,005	4,858,608	7,037,078
Nevada	505,000	1,115,700	NA	1,242,142	688,933	320,608	469,512	1,001,898	2,771,066	2,515,000	1,752,237	2,091,202	1,147,161	2,370,078	1,606,707	2,001,509	2,068,342	1,518,169	3,996,024	4,403,867
New Hampshire	1,793,026	1,599,228	NA	937,998	896,396	1,081,852	1,302,649	1,071,409	959,521	1,113,769	683,400	874,200	694,217	715,823	639,820	631,502	756,259	696,744	880,500	469,827
New Jersey	2,927,179	4,040,714	NA	4,293,720	3,735,882	4,387,432	3,628,894	3,989,987	3,453,756	4,041,326	4,398,146	6,367,385	5,773,046	2,890,436	3,299,908	5,466,394	6,943,253	3,174,803	7,255,307	5,623,169
New Mexico	0	538,337	NA	1,324,423	1,072,611	1,443,195	1,434,849	1,592,483	2,086,119	1,966,767	1,959,974	1,325,804	2,201,370	2,415,620	4,238,566	2,152,671	2,479,360	1,770,272	2,759,937	2,751,359
New York	11,175,919	7,858,707	NA	160,779,049	175,534,885	174,021,455	156,066,229	154,054,612	162,053,306	150,683,260	142,916,034	153,685,522	150,807,413	156,961,125	173,176,058	166,507,446	246,154,735	213,112,444	182,565,089	164,438,994
North Carolina	8,043,625	13,118,979	NA	8,477,435	10,223,740	11,187,114	7,904,917	6,075,886	6,418,931	15,605,925	15,392,504	7,949,309	9,085,073	8,477,781	9,125,937	11,005,615	9,627,170	7,435,519	10,675,391	10,665,462
North Dakota	5,957,704	3,713,936	NA	1,895,456	575,654	557,822	540,086	564,878	1,199,176	1,020,728	1,172,763	2,327,432	2,965,210	2,299,808	4,025,187	6,863,870	1,904,626	2,813,356	3,282,943	2,989,943
Ohio	8,767,534	8,253,286	NA	5,141,853	3,351,457	4,455,517	6,415,795	10,584,324	6,979,454	6,437,833	9,624,514	9,889,818	9,948,825	8,126,122	8,463,693	8,732,356	8,153,111	6,092,750	7,912,257	12,071,364
Oklahoma	643,333	3,296,216	NA	5,120,111	5,229,705	6,138,385	5,283,506	8,289,178	8,986,041	7,578,340	8,390,649	11,350,041	8,183,905	10,192,859	7,922,136	7,560,791	7,056,971	7,359,723	8,868,965	9,130,214

Table 14. State government expenditures for R&D funded from federal sources, by state: FYs 2006–25

(Dollars)

State	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	2,245,190	2,470,211	NA	3,957,639	12,870,466	14,753,575	17,582,132	16,942,402	9,815,170	10,390,644	9,900,748	11,365,484	13,498,683	17,340,000	11,978,580	14,233,548	13,854,858	16,966,844	15,017,978	18,411,742
Pennsylvania	4,278,736	5,321,876	NA	5,975,911	5,882,402	6,652,868	6,442,990	6,002,259	5,353,083	4,830,151	5,686,837	7,498,785	6,801,366	9,903,377	19,656,077	10,315,593	10,203,586	12,247,746	10,770,884	14,323,400
Rhode Island	150,000	403,939	NA	396,154	281,728	515,480	487,305	664,190	1,251,398	1,114,694	1,361,000	1,470,052	852,644	2,473,315	1,918,239	6,631,735	5,740,186	3,666,349	1,468,800	4,424,399
South Carolina	19,731,986	29,773,259	NA	22,877,576	59,873,605	71,204,639	59,056,716	33,931,311	16,290,802	20,114,487	20,737,825	23,646,742	24,143,358	23,400,794	30,291,219	27,721,413	29,762,759	34,218,558	33,026,390	34,941,530
South Dakota	3,011,796	3,847,153	NA	3,522,778	3,145,143	2,882,410	2,618,318	2,840,315	1,427,976	1,003,921	1,255,737	909,739	1,150,602	754,880	752,592	725,396	1,338,277	1,549,087	1,483,401	1,509,750
Tennessee	4,658,000	3,638,000	NA	3,002,070	851,410	2,985,145	3,594,115	2,906,011	3,368,748	2,903,575	5,128,836	5,755,973	5,385,899	5,112,715	4,792,328	7,551,808	16,915,160	21,485,698	15,034,446	29,779,358
Texas	20,318,659	19,853,357	NA	22,174,250	21,943,248	21,488,561	20,949,356	20,382,696	17,280,822	21,106,336	28,647,673	28,163,945	20,766,503	21,003,405	23,192,709	23,447,625	27,162,975	29,590,735	25,352,494	25,876,173
Utah	1,800,000	1,880,823	NA	5,593,015	20,724,230	20,687,819	21,153,987	25,727,343	755,484	1,077,198	807,539	1,711,697	1,355,017	2,294,696	1,721,014	1,701,485	1,669,847	1,301,894	1,631,793	2,109,148
Vermont	1,282,280	783,845	NA	610,565	1,100,865	1,184,957	1,121,698	1,240,063	1,583,729	1,183,900	905,065	940,123	1,647,291	2,225,472	1,119,199	1,081,618	1,295,178	2,608,039	1,510,067	641,719
Virginia	6,387,630	9,427,028	NA	11,409,211	9,370,939	9,735,857	9,710,044	8,149,554	12,804,594	13,040,444	10,654,905	9,141,544	9,633,966	12,948,118	14,998,852	19,106,082	16,230,355	21,236,524	22,432,942	18,939,433
Washington	7,728,621	8,091,640	NA	5,925,432	9,841,190	9,420,257	8,462,965	8,292,342	11,078,789	12,398,340	11,677,113	9,374,759	11,948,543	14,915,365	14,747,139	17,162,043	15,068,376	16,343,423	17,311,858	19,824,267
West Virginia	2,663,801	5,008,707	NA	3,733,032	7,830,732	6,157,841	8,139,084	7,256,479	6,299,975	7,333,474	3,729,381	6,799,242	6,681,206	7,579,295	6,903,375	5,247,993	4,275,461	3,970,816	5,973,233	6,148,794
Wisconsin	4,772,502	6,316,820	NA	8,656,553	7,890,044	15,611,863	9,632,605	13,741,242	9,388,919	9,471,310	8,658,738	8,233,839	6,971,498	9,448,498	8,358,684	5,893,866	9,117,475	10,491,049	11,746,392	8,357,964
Wyoming	1,688,296	10,903,754	NA	1,068,548	815,693	809,183	1,345,319	1,457,932	2,346,866	2,100,967	1,620,007	2,464,097	2,380,392	2,290,192	3,555,506	3,124,556	3,516,837	4,067,042	7,610,545	3,154,991
Puerto Rico[b]	103,503	0	NA	4,946,080	1,702,000	1,850,000	4,070,151	3,931,918	1,489,553	1,561,588	na	na	na	na	na	na	6,129,178	23,575,491	25,382,432	17,222,165

na = not applicable; did not report to survey. NA = not available; survey was not conducted for FY 2008.

[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):
State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development.

Table 15. State government expenditures for R&D funded from federal sources, by state and federal agency: FY 2025

(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other[a]
United States[b]	701,895,302	40,706,107	12,302,003	27,645,253	117,416,536	203,589,625	25,844,410	12,797,600	168,741,883	10,605,410	30,721,840	51,524,635
Alabama	14,416,920	532,668	236,000	599,260	1,288,239	3,427,693	4,521,413	0	0	715,055	66,075	3,030,517
Alaska	14,395,283	1,688,365	0	52,841	6,932,423	5,219,613	0	93,349	0	0	46,359	362,333
Arizona	3,958,477	0	0	0	1,325,384	1,345,468	0	0	0	0	1,287,625	0
Arkansas	3,809,187	0	0	0	1,487,864	533,301	0	0	0	1,788,022	0	0
California	14,082,903	0	0	341,323	422,537	11,074,673	0	1,728,546	0	0	94,332	421,492
Colorado	8,815,576	0	28,611	0	2,460,163	5,208,600	0	190,655	329,913	0	597,634	0
Connecticut	19,189,885	0	0	0	6,299,379	3,311,471	0	258,741	4,239,349	0	3,030,945	2,050,000
Delaware	1,300,914	0	0	0	600,187	620,799	0	46,157	33,771	0	0	0
District of Columbia	6,813,320	0	0	0	0	485,739	0	227,051	6,009,214	0	0	91,316
Florida	26,447,129	7,576,479	264,558	4,440	7,365,819	5,334,033	0	477,931	0	5,066	5,408,755	10,048
Georgia	23,820,052	0	0	13,900,673	2,589,710	7,029,650	0	300,019	0	0	0	0
Hawaii	4,508,084	0	1,712,130	0	0	2,295,975	0	0	176,422	0	323,557	0
Idaho	13,030,199	0	4,074	7,543,337	3,167,072	2,253,966	0	0	0	0	61,750	0
Illinois	8,151,507	0	0	0	0	7,906,198	0	0	0	0	245,309	0
Indiana	11,706,626	0	0	0	1,706,626	10,000,000	0	0	0	0	0	0
Iowa	6,797,850	0	0	0	2,539,893	4,150,725	0	0	0	0	79,080	28,152
Kansas	2,007,335	0	0	0	554,805	1,322,217	0	130,313	0	0	0	0
Kentucky	12,135,208	0	0	0	5,417,478	6,694,319	0	0	0	0	23,411	0
Louisiana	14,060,263	0	0	0	0	6,323,991	0	0	0	5,161,481	0	2,574,791
Maine	27,411,958	517,760	0	0	1,743,870	1,613,452	0	0	3,547,232	126,909	101,001	19,761,734
Maryland	1,472,831	0	0	0	137,123	1,335,708	0	0	0	0	0	0
Massachusetts	7,131,139	425,168	0	0	0	5,493,893	0	26,843	1,185,235	0	0	0
Michigan	8,005,370	0	0	0	0	7,063,458	0	598,926	0	0	342,986	0
Minnesota	13,937,565	0	0	0	1,179,079	8,305,174	0	0	3,000,000	0	1,313,203	140,109
Mississippi	10,807,324	1,813,403	0	0	1,426,942	5,314,367	0	0	0	0	388,538	1,864,074
Missouri	4,964,702	0	336,118	0	1,385,933	1,834,316	0	1,138,921	0	0	269,414	0
Montana	10,693,750	0	0	0	1,839,330	2,344,755	0	198,771	0	0	3,267,735	3,043,159
Nebraska	7,037,078	0	0	0	4,778,730	1,399,750	0	0	0	0	858,598	0
Nevada	4,403,867	0	0	0	638,526	1,647,676	0	209,011	0	0	141,632	1,767,022
New Hampshire	469,827	0	0	0	0	469,827	0	0	0	0	0	0
New Jersey	5,623,169	350,972	0	0	524,922	2,299,926	0	480,374	1,692,778	0	0	274,197
New Mexico	2,751,359	0	0	0	310,000	2,319,606	0	121,753	0	0	0	0
New York	164,438,994	7,712,099	8,437,591	0	397,316	3,440,856	283,893	740,917	138,331,144	527,717	3,758,163	809,298
North Carolina	10,665,462	505,549	0	0	470,656	9,689,257	0	0	0	0	0	0
North Dakota	2,989,943	0	0	0	1,620,511	1,369,432	0	0	0	0	0	0
Ohio	12,071,364	222,129	0	0	2,974,340	7,166,525	192,000	1,516,370	0	0	0	0
Oklahoma	9,130,214	0	0	0	2,700,986	4,875,423	0	0	1,216,518	0	337,287	0

Table 15. State government expenditures for R&D funded from federal sources, by state and federal agency: FY 2025

(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other[a]
Oregon	18,411,742	5,691,975	280,328	1,962,393	7,384,357	2,235,224	597,442	0	0	0	0	260,023
Pennsylvania	14,323,400	0	0	0	9,904,660	2,314,371	0	222,330	39,028	0	843,011	1,000,000
Rhode Island	4,424,399	272,028	0	0	3,194,050	958,321	0	0	0	0	0	0
South Carolina	34,941,530	10,195,951	692,330	164,409	14,942,758	1,383,674	0	0	6,777,140	2,100	675,718	107,450
South Dakota	1,509,750	0	0	0	0	1,509,750	0	0	0	0	0	0
Tennessee	29,779,358	0	0	20,326	332,066	1,940,054	19,749,662	330,000	0	0	110,545	7,296,705
Texas	25,876,173	0	0	0	1,076,753	19,770,347	0	133,810	0	0	433,247	4,462,016
Utah	2,109,148	0	0	0	0	1,697,235	0	211,913	0	0	0	200,000
Vermont	641,719	0	0	0	0	641,719	0	0	0	0	0	0
Virginia	18,939,433	110,774	0	735,385	3,920,262	9,337,345	500,000	283,832	838,315	0	1,255,821	1,957,699
Washington	19,824,267	3,090,787	310,263	899,857	2,539,352	4,260,624	0	3,014,097	1,325,824	0	4,370,963	12,500
West Virginia	6,148,794	0	0	0	3,545,804	323,930	0	0	0	2,279,060	0	0
Wisconsin	8,357,964	0	0	0	3,780,557	3,792,266	0	116,970	0	0	668,171	0
Wyoming	3,154,991	0	0	1,421,009	510,074	902,933	0	0	0	0	320,975	0
Puerto Rico[c]	17,222,165	86,000	164,000	0	0	0	0	0	16,926,511	0	45,654	0

DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOI = Department of the Interior; DOT = Department of Transportation; ED = Department of Education; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture.

[a] Other includes the Departments of Housing and Urban Development, Homeland Security, Justice, Labor, the Treasury, and Veterans Affairs; National Aeronautics and Space Administration; and others.
[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.

Note(s):
State R&D totals can display considerable volatility between survey years due to several national and state-specific factors. Large changes are not unusual, especially for discretionary spending items such as R&D.

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2025.

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
United States[c]	3,476,670,445	785,021,295	2,691,649,150	85,546,851	38,979,694	46,567,157
Alabama	60,874,158	10,337,767	50,536,391	0	0	0
Commerce, Department of	34,270,133	0	34,270,133	0	0	0
Conservation and Natural Resources, Department of	2,747,738	153,637	2,594,101	0	0	0
Economic and Community Affairs, Department of	1,945,552	0	1,945,552	0	0	0
Education, Department of	5,325,450	2,093,434	3,232,016	0	0	0
Forensic Sciences, Department of	257,392	257,392	0	0	0	0
Geological Survey	3,966,448	3,966,448	0	0	0	0
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,866,856	3,866,856	0	0	0	0
Supercomputer Authority	4,430,000	0	4,430,000	0	0	0
Transportation, Department of	4,064,589	0	4,064,589	0	0	0
Alaska	22,105,955	16,573,390	5,532,565	0	0	0
Energy Authority	507,582	0	507,582	0	0	0
Environmental Conservation, Department of	249,285	9,835	239,450	0	0	0
Housing Finance Corporation	500,000	0	500,000	0	0	0
Natural Resources, Department of; Division of Geological and Geophysical Surveys	15,020,927	15,020,927	0	0	0	0
Railroad Corporation	1,492,861	1,036,418	456,443	0	0	0
Seafood Marketing Institute	20,000	0	20,000	0	0	0
Transportation and Public Facilities, Department of	4,315,300	506,210	3,809,090	0	0	0
Arizona	21,891,068	2,289,062	19,602,006	0	0	0
Agriculture, Department of	1,561,121	0	1,561,121	0	0	0
Game and Fish Department	1,536,954	1,309,324	227,630	0	0	0
Health Services, Department of	16,984,026	0	16,984,026	0	0	0
Juvenile Corrections, Department of	127,132	127,132	0	0	0	0
Transportation, Department of	1,681,835	852,606	829,229	0	0	0
Arkansas	13,406,865	1,695,894	11,710,971	0	0	0
Corn and Grain Sorghum Promotion Board	1,100,000	0	1,100,000	0	0	0
Economic Development Commission	2,880,675	0	2,880,675	0	0	0
Game and Fish Commission	2,338,774	1,474,384	864,390	0	0	0
Natural Heritage Commission	69,515	16,625	52,890	0	0	0
Rice Research and Promotion Board	3,000,000	0	3,000,000	0	0	0
Soybean Promotion Board	3,351,275	0	3,351,275	0	0	0
Transportation, Department of	666,626	204,885	461,741	0	0	0
California	907,649,560	113,614,851	794,034,709	3,714,347	0	3,714,347
Air Resources Board	21,028,219	13,390,694	7,637,525	0	0	0
Conservation, Department of	3,180,341	2,361,501	818,840	0	0	0
Covered California	11,213,289	2,734,200	8,479,089	0	0	0
Dairy Council	100,000	0	100,000	0	0	0
Delta Stewardship Council	2,925,832	0	2,925,832	0	0	0
Earthquake Authority	38,895	0	38,895	0	0	0
Emergency Services Governor's Office	1,018,264	0	1,018,264	0	0	0
Energy Commission	343,660,477	32,125,077	311,535,400	0	0	0
Environmental Health Hazard Assessment, Office of	20,474,543	19,551,492	923,051	0	0	0
Food and Agriculture, Department of	5,788,292	0	5,788,292	0	0	0
Forestry and Fire Protection, Department of	14,178,000	2,678,000	11,500,000	0	0	0
Horse Racing Board	1,041,243	0	1,041,243	0	0	0
Housing and Community Development, Department of	1,919,276	367,638	1,551,638	0	0	0
Institute for Regenerative Medicine	341,266,423	0	341,266,423	1,114,055	0	1,114,055
Motor Vehicles, Department of	2,248,969	2,136,648	112,321	0	0	0
Parks And Recreation, Department of	3,229,516	0	3,229,516	0	0	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
Pesticide Regulation, Department of	22,307,548	16,141,155	6,166,393	0	0	0
Public Health, Department of	8,229,485	1,411,000	6,818,485	0	0	0
Public Utilities Commission, Executive Division	52,804,014	0	52,804,014	0	0	0
San Diego River Conservancy	5,046,165	0	5,046,165	2,600,292	0	2,600,292
State Coastal Conservancy	458,648	0	458,648	0	0	0
State Water Resources Control Board	10,377,245	2,224,607	8,152,638	0	0	0
Transportation, Department of	22,103,990	16,334,894	5,769,096	0	0	0
Water Resources, Department of	13,010,886	2,157,945	10,852,941	0	0	0
Colorado	41,286,271	12,615,231	28,671,040	0	0	0
Agriculture, Department of	1,379,371	400,985	978,386	0	0	0
Economic Development and International Trade, Office of	15,317,275	0	15,317,275	0	0	0
Higher Education Competitive Research Authority	2,105,950	0	2,105,950	0	0	0
Labor and Employment, Department of	329,913	199,876	130,037	0	0	0
Natural Resources, Department of	7,966,291	7,745,859	220,432	0	0	0
Public Health and Environment, Department of	8,641,599	3,143,511	5,498,088	0	0	0
Transportation, Department of	5,208,600	1,125,000	4,083,600	0	0	0
Wine Industry Development Board	337,272	0	337,272	0	0	0
Connecticut	60,092,992	30,922,613	29,170,379	0	0	0
Agricultural Experiment Station	15,286,983	15,286,983	0	0	0	0
Energy and Environmental Protection, Department of	7,989,941	6,920,674	1,069,267	0	0	0
Innovation Inc.	23,961,410	0	23,961,410	0	0	0
Mental Health and Addiction Services, Department of	7,870,896	7,870,896	0	0	0	0
Social Services, Department of	966,588	416,588	550,000	0	0	0
Transportation, Department of	4,017,174	427,472	3,589,702	0	0	0
Delaware	3,344,546	1,762,951	1,581,595	0	0	0
Geological Survey	1,842,951	1,762,951	80,000	0	0	0
Natural Resources and Environmental Control, Department of	435,728	0	435,728	0	0	0
Sustainable Energy Utility	125,076	0	125,076	0	0	0
Transportation, Department of	940,791	0	940,791	0	0	0
District of Columbia	8,841,911	6,052,708	2,789,203	0	0	0
Energy and Environment, Department of	542,707	0	542,707	0	0	0
Health, Department of	6,192,030	4,445,534	1,746,496	0	0	0
Transportation, Department of	607,174	607,174	0	0	0	0
Water and Sewer Authority	1,500,000	1,000,000	500,000	0	0	0
Florida	295,723,845	65,256,790	230,467,055	7,065,865	7,065,865	0
Agriculture and Consumer Services, Department of	33,901,119	1,179,809	32,721,310	0	0	0
Citrus, Department of	2,801,033	100,613	2,700,420	0	0	0
Fish and Wildlife Conservation Commission	72,519,837	62,227,368	10,292,469	6,498,369	6,498,369	0
Health, Department of	169,824,049	0	169,824,049	0	0	0
Space Florida	695,000	0	695,000	0	0	0
Transportation, Department of	15,982,807	1,749,000	14,233,807	567,496	567,496	0
Georgia	29,453,124	2,826,861	26,626,263	0	0	0
Commodity Commission, Agriculture, Department of	4,313,528	0	4,313,528	0	0	0
Natural Resources, Department of	2,956,228	0	2,956,228	0	0	0
Southern States Energy Board	14,146,425	2,826,861	11,319,564	0	0	0
Transportation, Department of	8,036,943	0	8,036,943	0	0	0
Hawaii	7,444,283	1,770,781	5,673,502	0	0	0
Agriculture and Biosecurity, Department of	724,572	261,139	463,433	0	0	0
Business, Economic Development, and Tourism, Department of	3,003,362	1,509,642	1,493,720	0	0	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
Land and Natural Resources, Department of	793,482	0	793,482	0	0	0
Transportation, Department of	2,922,867	0	2,922,867	0	0	0
Idaho	19,983,742	6,426,852	13,556,890	100,000	0	100,000
Barley Commission	294,000	0	294,000	0	0	0
Dairy West	2,665,000	0	2,665,000	0	0	0
Fish and Game, Department of	12,808,233	6,262,075	6,546,158	0	0	0
Oilseed Commission	149,734	0	149,734	0	0	0
Pea and Lentil Commission	82,928	0	82,928	0	0	0
Potato Commission	556,450	0	556,450	0	0	0
Transportation Department	2,477,927	164,777	2,313,150	0	0	0
Wheat Commission	949,470	0	949,470	100,000	0	100,000
Illinois	22,577,901	100,000	22,477,901	9,000,000	9,000,000	0
Agriculture, Department of	245,309	0	245,309	0	0	0
Children and Family Services, Department of	4,060,747	0	4,060,747	0	0	0
Nature Preserves Commission	600,000	0	600,000	0	0	0
Nutrient Research and Education Council	4,022,101	0	4,022,101	0	0	0
Public Health, Department of	3,182,451	0	3,182,451	0	0	0
Transportation, Department of	10,467,293	100,000	10,367,293	9,000,000	9,000,000	0
Indiana	20,846,823	1,922,247	18,924,576	0	0	0
Economic Development Corporation	5,959,568	0	5,959,568	0	0	0
Natural Resources, Department of	2,577,707	628,594	1,949,113	0	0	0
Transportation, Department of	12,309,548	1,293,653	11,015,895	0	0	0
Iowa	14,187,890	3,032,032	11,155,858	0	0	0
Beef Council	377,157	0	377,157	0	0	0
Management, Department of Data; Division of Planning and Improvement	28,152	28,152	0	0	0	0
Midwest Dairy Association, Iowa Division	58,850	0	58,850	0	0	0
Natural Resources, Department of	4,747,024	3,003,880	1,743,144	0	0	0
Transportation, Department of	8,976,707	0	8,976,707	0	0	0
Kansas	13,101,629	1,979,123	11,122,506	0	0	0
Corn Commission	354,688	0	354,688	0	0	0
Grain Sorghum Commission	710,217	0	710,217	0	0	0
Soybean Commission	1,246,915	0	1,246,915	0	0	0
State Board of Regents	1,001,643	8,378	993,265	0	0	0
Transportation, Department of	3,035,224	1,004,311	2,030,913	0	0	0
Water Office	4,795,690	966,434	3,829,256	0	0	0
Wheat Commission	1,402,447	0	1,402,447	0	0	0
Wildlife and Parks, Department of	554,805	0	554,805	0	0	0
Kentucky	31,621,699	4,188,885	27,432,814	0	0	0
Economic Development, Cabinet for	2,803,132	0	2,803,132	0	0	0
Fish and Wildlife Resources, Department of	6,754,818	4,188,885	2,565,933	0	0	0
Nature Preserves, Office of Kentucky	26,096	0	26,096	0	0	0
Public Health, Department for	10,125,333	0	10,125,333	0	0	0
Soybean Promotion Board	474,917	0	474,917	0	0	0
Transportation Cabinet	11,437,403	0	11,437,403	0	0	0
Louisiana	25,188,792	3,736,044	21,452,748	0	0	0
Board of Regents	12,919,045	0	12,919,045	0	0	0
Coastal Protection and Restoration Authority	4,180,064	418,006	3,762,058	0	0	0
Transportation and Development, Department of	8,089,683	3,318,038	4,771,645	0	0	0
Maine	42,381,231	12,755,250	29,625,981	1,186,398	1,163,589	22,809
Agriculture, Conservation and Forestry, Department of	2,042,173	1,627,763	414,410	22,809	0	22,809
Inland Fisheries and Wildlife, Department of	2,100,000	1,961,655	138,345	0	0	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
MDI Biological Laboratory, Center for Biomedical Innovation	10,086,006	8,623,542	1,462,464	1,163,589	1,163,589	0
Technology Institute	26,334,548	0	26,334,548	0	0	0
Transportation, Department of	1,818,504	542,290	1,276,214	0	0	0
Maryland	47,794,901	278,112	47,516,789	0	0	0
Agriculture, Department of	70,000	0	70,000	0	0	0
Energy Administration	2,400,000	0	2,400,000	0	0	0
Health, Department of	15,000,000	0	15,000,000	0	0	0
Natural Resources, Department of	780,619	0	780,619	0	0	0
Technology Development Corporation	27,697,618	0	27,697,618	0	0	0
Transportation, Department of	1,846,664	278,112	1,568,552	0	0	0
Massachusetts	48,602,573	1,596,605	47,005,968	4,479,333	100,000	4,379,333
Clean Energy Technology Center	26,196,211	0	26,196,211	0	0	0
Environmental Protection, Department of	2,125,890	333,963	1,791,927	100,000	100,000	0
Fish and Game, Department of	475,828	154,574	321,254	0	0	0
Gaming Commission	1,655,015	264,034	1,390,981	0	0	0
Mental Health, Department of	3,246,962	0	3,246,962	0	0	0
Public Health, Department of	2,371,940	0	2,371,940	0	0	0
Technology Park Corporation	5,008,360	0	5,008,360	4,379,333	0	4,379,333
Transportation, Department of	6,867,367	539,034	6,328,333	0	0	0
Water Resources Authority	655,000	305,000	350,000	0	0	0
Michigan	18,209,820	207,682	18,002,138	0	0	0
Agriculture and Rural Development, Department of	6,129,203	0	6,129,203	0	0	0
Environmental, Great Lakes, and Energy, Department of	1,531,418	207,682	1,323,736	0	0	0
Health and Human Services, Department of	151,106	0	151,106	0	0	0
Licensing and Regulatory Affairs	2,578,702	0	2,578,702	0	0	0
Transportation, Department of	7,819,391	0	7,819,391	0	0	0
Minnesota	35,360,341	7,519,408	27,840,933	0	0	0
Agriculture, Department of	7,266,713	1,822,005	5,444,708	0	0	0
Forest Resources Council	249,288	17,800	231,488	0	0	0
Health, Department of	3,300,000	1,800,000	1,500,000	0	0	0
Labor and Industry, Department of	947,620	820,710	126,910	0	0	0
Management and Budget	1,384,087	1,384,087	0	0	0	0
Midwest Dairy Association, Minnesota Division	290,696	0	290,696	0	0	0
Natural Resources, Department of	1,862,457	1,674,806	187,651	0	0	0
Transportation, Department of	20,059,480	0	20,059,480	0	0	0
Mississippi	12,259,629	1,811,828	10,447,801	0	0	0
Agriculture and Commerce, Department of	388,538	0	388,538	0	0	0
Environmental Quality, Department of	1,864,074	0	1,864,074	0	0	0
Gulf States Marine Fisheries Commission	1,829,996	0	1,829,996	0	0	0
Marine Resources, Department of	2,355,743	809,321	1,546,422	0	0	0
Transportation, Department of	3,782,809	175,000	3,607,809	0	0	0
Wildlife, Fisheries, and Parks, Department of	2,038,469	827,507	1,210,962	0	0	0
Missouri	21,642,158	4,291,918	17,350,240	5,213,000	3,000,000	2,213,000
Agriculture, Department of	803,592	0	803,592	0	0	0
Conservation, Department of	6,195,531	2,498,903	3,696,628	0	0	0
Economic Development, Department of	9,848,000	0	9,848,000	2,213,000	0	2,213,000
Mental Health, Department of	485,000	0	485,000	0	0	0
Midwest Dairy Association, Missouri Division	37,169	0	37,169	0	0	0
Natural Resources, Department of	1,325,877	1,138,921	186,956	0	0	0
Transportation, Department of	2,292,895	0	2,292,895	0	0	0
Wine and Grape Board	654,094	654,094	0	3,000,000	3,000,000	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
Montana	15,519,383	5,716,477	9,802,906	0	0	0
Agriculture, Department of	5,328,115	0	5,328,115	0	0	0
Environmental Quality, Department of	328,669	95,363	233,306	0	0	0
Fish, Wildlife and Parks, Department of	7,244,541	5,083,311	2,161,230	0	0	0
Transportation, Department of	2,618,058	537,803	2,080,255	0	0	0
Nebraska	31,904,735	3,204,418	28,700,317	0	0	0
Agriculture, Department of	953,205	0	953,205	0	0	0
Corn Board	867,843	0	867,843	0	0	0
Dry Bean Commission	179,434	0	179,434	0	0	0
Economic Development, Department of	3,071,122	0	3,071,122	0	0	0
Game and Parks Commission	6,148,061	3,119,978	3,028,083	0	0	0
Grain Sorghum Board	4,419	0	4,419	0	0	0
Health and Human Services, Department of	18,316,764	0	18,316,764	0	0	0
Natural Resources, Department of	50,000	0	50,000	0	0	0
Pea And Lentil Commission	34,000	0	34,000	0	0	0
Transportation, Department of	1,834,127	84,440	1,749,687	0	0	0
Wheat Board	445,760	0	445,760	0	0	0
Nevada	11,295,697	530,232	10,765,465	0	0	0
Agriculture, Department of	189,477	189,477	0	0	0	0
Conservation and Natural Resources, Department of	4,485,464	340,755	4,144,709	0	0	0
Economic Development, Governor's office of	4,173,545	0	4,173,545	0	0	0
Transportation, Department of	1,765,966	0	1,765,966	0	0	0
Wildlife, Department of	681,245	0	681,245	0	0	0
New Hampshire	576,762	175,159	401,603	0	0	0
Agriculture, Markets and Food, Department of	106,935	0	106,935	0	0	0
Transportation, Department of	469,827	175,159	294,668	0	0	0
New Jersey	92,749,768	3,976,391	88,773,377	0	0	0
Children and Families, Department of	1,995,862	247,714	1,748,148	0	0	0
Corrections, Department of	204,197	204,197	0	0	0	0
Environmental Protection, Department of	9,057,114	2,622,076	6,435,038	0	0	0
Health, Department of	57,159,333	0	57,159,333	0	0	0
Pinelands Commission	839,026	832,404	6,622	0	0	0
Science, Innovation, and Technology, Commission on	10,989,386	0	10,989,386	0	0	0
Secretary of Higher Education, Office of	6,500,000	0	6,500,000	0	0	0
State Parole Board	70,000	70,000	0	0	0	0
Transit, NJ	2,494,320	0	2,494,320	0	0	0
Transportation, Department of	3,440,530	0	3,440,530	0	0	0
New Mexico	3,505,257	1,310,000	2,195,257	0	0	0
Game and Fish, Department of	445,000	360,000	85,000	0	0	0
Transportation, Department of	2,899,507	950,000	1,949,507	0	0	0
Western State Air Resources Council	160,750	0	160,750	0	0	0
New York	466,078,608	285,567,190	180,511,418	15,900,000	15,900,000	0
Agriculture and Markets, Department of	19,727,681	2,535,000	17,192,681	0	0	0
Economic Development, Department of	64,429,620	0	64,429,620	0	0	0
Energy Research and Development Authority	53,196,509	8,653,710	44,542,799	0	0	0
Environmental Conservation, Department of	12,367,556	3,617,457	8,750,099	0	0	0
Health, Department of	41,683,667	30,095,699	11,587,968	0	0	0
Mental Health, Office of	148,313,074	124,279,019	24,034,055	15,900,000	15,900,000	0
People with Developmental Disabilities, Office of	2,237,613	2,237,613	0	0	0	0
Power Authority	9,992,591	2,598,157	7,394,434	0	0	0
Roswell Park Comprehensive Cancer Center	97,948,317	97,948,317	0	0	0	0
State Museum	11,458,272	10,988,689	469,583	0	0	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
Thoroughbred Breeding and Development Fund Corporation	422,638	0	422,638	0	0	0
Transportation, Department of	4,301,070	2,613,529	1,687,541	0	0	0
North Carolina	40,186,090	17,355,934	22,830,156	1,000,000	1,000,000	0
Agriculture and Consumer Services, Department of	14,714,600	13,214,600	1,500,000	1,000,000	1,000,000	0
Biotechnology Center	6,571,683	0	6,571,683	0	0	0
Environmental Quality, Department of	970,205	965,205	5,000	0	0	0
Natural and Cultural Resources, Department of	2,730,952	2,126,183	604,769	0	0	0
Science, Technology & Innovation, Office of	3,686,533	0	3,686,533	0	0	0
Transportation, Department of	11,479,266	1,049,946	10,429,320	0	0	0
Wine and Grape Growers Council	32,851	0	32,851	0	0	0
North Dakota	33,135,450	1,166,823	31,968,627	0	0	0
Agriculture, Department of	4,752,610	0	4,752,610	0	0	0
Dry Pea and Lentil Commission	410,446	0	410,446	0	0	0
Game and Fish, Department of	1,411,708	200,000	1,211,708	0	0	0
Historical Society of North Dakota	914,622	914,622	0	0	0	0
Industrial Commission	22,908,318	0	22,908,318	0	0	0
Transportation, Department of	1,421,818	52,201	1,369,617	0	0	0
Wheat Commission	1,315,928	0	1,315,928	0	0	0
Ohio	79,186,949	2,601,066	76,585,883	313,361	313,361	0
Development, Department of	61,962,573	0	61,962,573	0	0	0
Education and Workforce, Department of	427,000	40,000	387,000	0	0	0
Natural Resources, Department of	7,273,584	2,561,066	4,712,518	313,361	313,361	0
Transportation, Department of	8,923,792	0	8,923,792	0	0	0
Water Development Authority	600,000	0	600,000	0	0	0
Oklahoma	34,440,407	916,454	33,523,953	0	0	0
Advancement of Science and Technology, Center for the	8,731,011	0	8,731,011	0	0	0
Agriculture, Food, and Forestry, Department of	808,170	0	808,170	0	0	0
Grand River Dam Authority	410,000	250,000	160,000	0	0	0
Health, Department of	1,216,518	394,051	822,467	0	0	0
Tobacco Settlement Endowment Trust	13,670,000	0	13,670,000	0	0	0
Transportation, Department of	5,619,781	272,403	5,347,378	0	0	0
Wildlife Conservation, Department of	3,984,927	0	3,984,927	0	0	0
Oregon	41,638,564	13,392,374	28,246,190	0	0	0
Agriculture, Department of	267,183	0	267,183	0	0	0
Business Development Department	12,685,262	0	12,685,262	0	0	0
Education, Department of	597,442	0	597,442	0	0	0
Fish and Wildlife, Department of	15,196,685	11,524,518	3,672,167	0	0	0
Forestry, Department of	650,000	350,000	300,000	0	0	0
Geology and Mineral Industries, Department of	973,317	973,317	0	0	0	0
Transportation, Department of	2,794,030	0	2,794,030	0	0	0
Water Resources Department	1,195,658	527,258	668,400	0	0	0
Watershed Enhancement Board	7,278,987	17,281	7,261,706	0	0	0
Pennsylvania	74,628,718	19,256,559	55,372,159	0	0	0
Agriculture, Department of	2,874,868	0	2,874,868	0	0	0
Community and Economic Development, Department of	25,525,000	0	25,525,000	0	0	0
Conservation and Natural Resources, Department of	2,428,103	497,040	1,931,063	0	0	0
Environmental Protection, Department of	125,269	39,028	86,241	0	0	0
Fish and Boat Commission	114,623	68,833	45,790	0	0	0
Game Commission	19,077,102	18,517,658	559,444	0	0	0
Health, Department of	21,955,579	0	21,955,579	0	0	0
Susquehanna River Basin Commission	134,000	134,000	0	0	0	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
Transportation, Department of	2,394,174	0	2,394,174	0	0	0
Rhode Island	5,817,932	352,850	5,465,082	0	0	0
Commerce Corporation	1,139,521	0	1,139,521	0	0	0
Fish and Wildlife; Environmental Management, Department of	2,994,585	0	2,994,585	0	0	0
Marine Fisheries; Environmental Management, Department of	199,465	0	199,465	0	0	0
Narragansett Bay National Estuarine Research Reserve; Environmental Management, Department of	272,028	272,028	0	0	0	0
Transportation, Department of	1,212,333	80,822	1,131,511	0	0	0
South Carolina	60,332,935	36,414,738	23,918,197	0	0	0
Agriculture and Natural Resources, Department of	1,506,065	0	1,506,065	0	0	0
Behavioral Health and Developmental Disabilities, Department of	12,179,800	0	12,179,800	0	0	0
Commerce, Department of	2,444,612	0	2,444,612	0	0	0
Natural Resources, Department of	33,075,951	32,384,312	691,639	0	0	0
Public Health, Department of	734,034	734,034	0	0	0	0
Public Service Authority	510,813	70,911	439,902	0	0	0
Research Authority	2,470,387	0	2,470,387	0	0	0
Sea Grant Consortium	5,680,306	3,018,975	2,661,331	0	0	0
Transportation, Department of	1,730,967	206,506	1,524,461	0	0	0
South Dakota	6,800,916	339,154	6,461,762	950,000	0	950,000
Agriculture and Natural Resources, Department of	1,110,799	0	1,110,799	0	0	0
Corn Utilization Council	50,000	0	50,000	0	0	0
Economic Development, Governor's office of	548,450	0	548,450	0	0	0
Midwest Dairy Association, South Dakota Division	108,284	0	108,284	0	0	0
Nutrient Research and Education Council	1,052,089	0	1,052,089	0	0	0
Oilseeds Council	171,910	0	171,910	0	0	0
Pulse Crop Council	34,000	0	34,000	0	0	0
Soybean Research and Promotion Council	902,776	15,675	887,101	950,000	0	950,000
Transportation, Department of	2,008,660	323,479	1,685,181	0	0	0
Weed and Pest Control Commission	50,000	0	50,000	0	0	0
Wheat Commission	763,948	0	763,948	0	0	0
Tennessee	136,998,540	273,196	136,725,344	32,296,705	0	32,296,705
Agriculture, Department of	7,548,870	0	7,548,870	7,296,705	0	7,296,705
Economic and Community Development, Department of	55,000,000	0	55,000,000	25,000,000	0	25,000,000
Education, Department of	59,109,098	0	59,109,098	0	0	0
Environment and Conservation, Department of	595,172	231,351	363,821	0	0	0
LaunchTN	10,000,000	0	10,000,000	0	0	0
Transportation, Department of	4,525,164	41,845	4,483,319	0	0	0
Wildlife Resources Agency	220,236	0	220,236	0	0	0
Texas	299,999,621	527,919	299,471,702	0	0	0
Agriculture, Department of	519,802	0	519,802	0	0	0
Alzheimer's Research and Care Consortium	7,000,000	0	7,000,000	0	0	0
Animal Health Commission	242,717	96,155	146,562	0	0	0
Cancer Prevention and Research Institute	256,340,967	0	256,340,967	0	0	0
Environmental Quality, Commission on	2,766,704	62,874	2,703,830	0	0	0
Parks and Wildlife Department	4,541,473	368,890	4,172,583	0	0	0
Transportation, Department of	23,682,426	0	23,682,426	0	0	0
Water Development Board	4,905,532	0	4,905,532	0	0	0
Utah	26,033,161	8,444,401	17,588,760	0	0	0
Economic Opportunity Commission	15,100,000	0	15,100,000	0	0	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
Environmental Quality, Department of	836,479	537,083	299,396	0	0	0
Natural Resources, Department of	6,581,154	6,581,154	0	0	0	0
Transportation, Department of	3,515,528	1,326,164	2,189,364	0	0	0
Vermont	915,594	427,547	488,047	0	0	0
Agriculture, Food, and Markets, Agency of	141,945	0	141,945	0	0	0
Transportation, Agency of	773,649	427,547	346,102	0	0	0
Virginia	58,638,682	18,335,191	40,303,491	1,138,633	138,633	1,000,000
Agriculture and Consumer Services, Department of	3,159,457	0	3,159,457	0	0	0
Commonwealth Health Research Board	1,497,957	0	1,497,957	0	0	0
Education, Department of	750,000	500,000	250,000	0	0	0
Energy, Department of	2,566,775	1,788,430	778,345	0	0	0
Environmental Quality, Department of	324,561	51,858	272,703	0	0	0
Forensic Science, Department of	1,416,562	1,416,562	0	138,633	138,633	0
Forestry, Department of	987,082	987,082	0	0	0	0
Foundation for Healthy Youth	1,746,155	0	1,746,155	0	0	0
Innovation Partnership Authority	18,763,908	1,291,369	17,472,539	1,000,000	0	1,000,000
Marine Resources Commission	2,399,369	294,087	2,105,282	0	0	0
Natural History, Museum of	1,212,900	1,212,900	0	0	0	0
Social Services, Department of	1,210,000	1,210,000	0	0	0	0
Transportation, Department of	20,710,938	9,139,825	11,571,113	0	0	0
Veterans Services, Department of	10,000	10,000	0	0	0	0
Wildlife Resources, Department of	1,883,018	433,078	1,449,940	0	0	0
Washington	79,481,363	35,267,390	44,213,973	1,890,963	0	1,890,963
Agriculture, Department of	6,069,359	0	6,069,359	0	0	0
Alfalfa Seed Commission	17,000	0	17,000	0	0	0
Asparagus Commission	27,000	0	27,000	0	0	0
Beef Commission	25,000	0	25,000	0	0	0
Blueberry Commission	224,102	0	224,102	0	0	0
Commerce, Department of	7,662,136	0	7,662,136	1,885,963	0	1,885,963
Cranberry Commission	6,600	0	6,600	0	0	0
Dairy Products Commission	22,652	0	22,652	0	0	0
Ecology, Department of	10,250,771	3,125,939	7,124,832	0	0	0
Fish and Wildlife, Department of	20,787,065	19,691,288	1,095,777	0	0	0
Grain Commission	2,329,500	0	2,329,500	0	0	0
Health, Department of	1,485,000	1,411,000	74,000	0	0	0
Hop Commission	121,394	0	121,394	0	0	0
Labor and Industries, Department of	4,704,538	4,704,538	0	0	0	0
Mint Commission	42,659	0	42,659	0	0	0
Natural Resources, Department of	7,569,228	3,513,633	4,055,595	0	0	0
Oilseeds Commission	252,074	0	252,074	0	0	0
Potato Commission	880,588	0	880,588	0	0	0
Puget Sound Partnership	3,715,000	115,000	3,600,000	0	0	0
Pulse Crops Commission	207,216	0	207,216	0	0	0
Red Raspberry Commission	289,288	0	289,288	5,000	0	5,000
Transportation, Department of	6,863,124	2,133,289	4,729,835	0	0	0
Tree Fruit Research Commission	5,481,432	572,703	4,908,729	0	0	0
Turfgrass Seed Commission	65,684	0	65,684	0	0	0
Wine Commission	382,953	0	382,953	0	0	0
West Virginia	11,732,040	6,261,546	5,470,494	1,298,246	1,298,246	0
Geological and Economic Survey	4,619,441	4,179,056	440,385	1,298,246	1,298,246	0
Higher Education Policy Commission	4,077,557	29,145	4,048,412	0	0	0
Natural Resources, Division of	2,630,130	2,053,345	576,785	0	0	0

Table 16. State agency expenditures for R&D and R&D plant, by state department or agency and R&D performer: FY 2025

(Dollars)

State and department or agency	R&D performers[a]			R&D plant[b]		
	All	Intramural	Extramural	All	Intramural	Extramural
Transportation, Department of	404,912	0	404,912	0	0	0
Wisconsin	10,684,964	4,968,929	5,716,035	0	0	0
Agriculture, Trade and Consumer Protection, Department of	703,261	0	703,261	0	0	0
Natural Resources, Department of	5,702,965	4,606,282	1,096,683	0	0	0
Transportation, Department of	4,278,738	362,647	3,916,091	0	0	0
Wyoming	8,514,602	2,674,472	5,840,130	0	0	0
Agriculture, Department of	616,635	0	616,635	0	0	0
Business Council	1,130,000	0	1,130,000	0	0	0
Enhanced Oil Recovery Institute	2,399,471	374,063	2,025,408	0	0	0
Game and Fish Department	659,609	0	659,609	0	0	0
State Geological Survey	2,204,328	2,204,328	0	0	0	0
Transportation, Department of	1,135,561	96,081	1,039,480	0	0	0
Water Development Office	368,998	0	368,998	0	0	0
Puerto Rico[d]	44,071,899	25,462,725	18,609,174	107,843	107,843	0
Agriculture, Department of	116,857	0	116,857	0	0	0
Economic Development and Commerce, Department of	6,380,000	0	6,380,000	0	0	0
Comprehensive Cancer Center	24,064,872	14,088,290	9,976,582	107,843	107,843	0
Health, Department of	425,000	425,000	0	0	0	0
Institute of Statistics	2,433,435	2,433,435	0	0	0	0
Science, Technology and Research Trust	10,651,735	8,516,000	2,135,735	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. Extramural performers are those outside the department or agency who perform R&D.

[b] R&D plant expenditures includes acquisition of land, facilities, major equipment, and major building renovations intended primarily for R&D use.

[c] U.S. total reflects all 50 states and the District of Columbia.

[d] 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.

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
United States[b]	3,476,670,445	701,895,302	2,774,775,143
Alabama	60,874,158	14,416,920	46,457,238
Commerce, Department of	34,270,133	0	34,270,133
Conservation and Natural Resources, Department of	2,747,738	2,034,200	713,538
Economic and Community Affairs, Department of	1,945,552	0	1,945,552
Education, Department of	5,325,450	4,521,413	804,037
Forensic Sciences, Department of	257,392	0	257,392
Geological Survey	3,966,448	1,642,246	2,324,202
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,866,856	2,791,368	1,075,488
Supercomputer Authority	4,430,000	0	4,430,000
Transportation, Department of	4,064,589	3,427,693	636,896
Alaska	22,105,955	14,395,283	7,710,672
Energy Authority	507,582	52,841	454,741
Environmental Conservation, Department of	249,285	15,688	233,597
Housing Finance Corporation	500,000	0	500,000
Natural Resources, Department of; Division of Geological and Geophysical Surveys	15,020,927	9,107,141	5,913,786
Railroad Corporation	1,492,861	1,492,861	0
Seafood Marketing Institute	20,000	0	20,000
Transportation and Public Facilities, Department of	4,315,300	3,726,752	588,548
Arizona	21,891,068	3,958,477	17,932,591
Agriculture, Department of	1,561,121	1,365,006	196,115
Game and Fish Department	1,536,954	1,248,003	288,951
Health Services, Department of	16,984,026	0	16,984,026
Juvenile Corrections, Department of	127,132	0	127,132
Transportation, Department of	1,681,835	1,345,468	336,367
Arkansas	13,406,865	3,809,187	9,597,678
Corn and Grain Sorghum Promotion Board	1,100,000	0	1,100,000
Economic Development Commission	2,880,675	1,788,022	1,092,653
Game and Fish Commission	2,338,774	1,476,090	862,684
Natural Heritage Commission	69,515	11,774	57,741
Rice Research and Promotion Board	3,000,000	0	3,000,000
Soybean Promotion Board	3,351,275	0	3,351,275
Transportation, Department of	666,626	533,301	133,325
California	907,649,560	14,082,903	893,566,657
Air Resources Board	21,028,219	0	21,028,219
Conservation, Department of	3,180,341	806,492	2,373,849
Covered California	11,213,289	0	11,213,289
Dairy Council	100,000	0	100,000
Delta Stewardship Council	2,925,832	6,308	2,919,524
Earthquake Authority	38,895	0	38,895
Emergency Services Governor's Office	1,018,264	0	1,018,264
Energy Commission	343,660,477	341,323	343,319,154
Environmental Health Hazard Assessment, Office of	20,474,543	0	20,474,543
Food and Agriculture, Department of	5,788,292	94,332	5,693,960
Forestry and Fire Protection, Department of	14,178,000	0	14,178,000
Horse Racing Board	1,041,243	0	1,041,243
Housing and Community Development, Department of	1,919,276	0	1,919,276
Institute for Regenerative Medicine	341,266,423	0	341,266,423
Motor Vehicles, Department of	2,248,969	0	2,248,969
Parks And Recreation, Department of	3,229,516	0	3,229,516

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Pesticide Regulation, Department of	22,307,548	100,000	22,207,548
Public Health, Department of	8,229,485	0	8,229,485
Public Utilities Commission, Executive Division	52,804,014	0	52,804,014
San Diego River Conservancy	5,046,165	0	5,046,165
State Coastal Conservancy	458,648	31,229	427,419
State Water Resources Control Board	10,377,245	1,628,546	8,748,699
Transportation, Department of	22,103,990	11,074,673	11,029,317
Water Resources, Department of	13,010,886	0	13,010,886
Colorado	41,286,271	8,815,576	32,470,695
Agriculture, Department of	1,379,371	678,466	700,905
Economic Development and International Trade, Office of	15,317,275	0	15,317,275
Higher Education Competitive Research Authority	2,105,950	0	2,105,950
Labor and Employment, Department of	329,913	329,913	0
Natural Resources, Department of	7,966,291	2,460,163	5,506,128
Public Health and Environment, Department of	8,641,599	138,434	8,503,165
Transportation, Department of	5,208,600	5,208,600	0
Wine Industry Development Board	337,272	0	337,272
Connecticut	60,092,992	19,189,885	40,903,107
Agricultural Experiment Station	15,286,983	6,187,101	9,099,882
Energy and Environmental Protection, Department of	7,989,941	6,299,379	1,690,562
Innovation Inc.	23,961,410	2,050,000	21,911,410
Mental Health and Addiction Services, Department of	7,870,896	1,341,934	6,528,962
Social Services, Department of	966,588	0	966,588
Transportation, Department of	4,017,174	3,311,471	705,703
Delaware	3,344,546	1,300,914	2,043,632
Geological Survey	1,842,951	551,065	1,291,886
Natural Resources and Environmental Control, Department of	435,728	129,050	306,678
Sustainable Energy Utility	125,076	0	125,076
Transportation, Department of	940,791	620,799	319,992
District of Columbia	8,841,911	6,813,320	2,028,591
Energy and Environment, Department of	542,707	227,051	315,656
Health, Department of	6,192,030	6,100,530	91,500
Transportation, Department of	607,174	485,739	121,435
Water and Sewer Authority	1,500,000	0	1,500,000
Florida	295,723,845	26,447,129	269,276,716
Agriculture and Consumer Services, Department of	33,901,119	5,287,940	28,613,179
Citrus, Department of	2,801,033	0	2,801,033
Fish and Wildlife Conservation Commission	72,519,837	15,825,156	56,694,681
Health, Department of	169,824,049	0	169,824,049
Space Florida	695,000	0	695,000
Transportation, Department of	15,982,807	5,334,033	10,648,774
Georgia	29,453,124	23,820,052	5,633,072
Commodity Commission, Agriculture, Department of	4,313,528	0	4,313,528
Natural Resources, Department of	2,956,228	2,889,729	66,499
Southern States Energy Board	14,146,425	13,900,673	245,752
Transportation, Department of	8,036,943	7,029,650	1,007,293
Hawaii	7,444,283	4,508,084	2,936,199
Agriculture and Biosecurity, Department of	724,572	404,979	319,593
Business, Economic Development, and Tourism, Department of	3,003,362	1,509,642	1,493,720
Land and Natural Resources, Department of	793,482	297,488	495,994
Transportation, Department of	2,922,867	2,295,975	626,892

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Idaho	19,983,742	13,030,199	6,953,543
Barley Commission	294,000	0	294,000
Dairy West	2,665,000	0	2,665,000
Fish and Game, Department of	12,808,233	10,714,483	2,093,750
Oilseed Commission	149,734	61,750	87,984
Pea and Lentil Commission	82,928	0	82,928
Potato Commission	556,450	0	556,450
Transportation Department	2,477,927	2,253,966	223,961
Wheat Commission	949,470	0	949,470
Illinois	22,577,901	8,151,507	14,426,394
Agriculture, Department of	245,309	245,309	0
Children and Family Services, Department of	4,060,747	0	4,060,747
Nature Preserves Commission	600,000	0	600,000
Nutrient Research and Education Council	4,022,101	0	4,022,101
Public Health, Department of	3,182,451	0	3,182,451
Transportation, Department of	10,467,293	7,906,198	2,561,095
Indiana	20,846,823	11,706,626	9,140,197
Economic Development Corporation	5,959,568	0	5,959,568
Natural Resources, Department of	2,577,707	1,706,626	871,081
Transportation, Department of	12,309,548	10,000,000	2,309,548
Iowa	14,187,890	6,797,850	7,390,040
Beef Council	377,157	0	377,157
Management, Department of Data; Division of Planning and Improvement	28,152	28,152	0
Midwest Dairy Association, Iowa Division	58,850	0	58,850
Natural Resources, Department of	4,747,024	2,618,973	2,128,051
Transportation, Department of	8,976,707	4,150,725	4,825,982
Kansas	13,101,629	2,007,335	11,094,294
Corn Commission	354,688	0	354,688
Grain Sorghum Commission	710,217	0	710,217
Soybean Commission	1,246,915	0	1,246,915
State Board of Regents	1,001,643	0	1,001,643
Transportation, Department of	3,035,224	1,322,217	1,713,007
Water Office	4,795,690	130,313	4,665,377
Wheat Commission	1,402,447	0	1,402,447
Wildlife and Parks, Department of	554,805	554,805	0
Kentucky	31,621,699	12,135,208	19,486,491
Economic Development, Cabinet for	2,803,132	0	2,803,132
Fish and Wildlife Resources, Department of	6,754,818	5,417,478	1,337,340
Nature Preserves, Office of Kentucky	26,096	23,411	2,685
Public Health, Department for	10,125,333	0	10,125,333
Soybean Promotion Board	474,917	0	474,917
Transportation Cabinet	11,437,403	6,694,319	4,743,084
Louisiana	25,188,792	14,060,263	11,128,529
Board of Regents	12,919,045	6,064,246	6,854,799
Coastal Protection and Restoration Authority	4,180,064	1,672,026	2,508,038
Transportation and Development, Department of	8,089,683	6,323,991	1,765,692
Maine	42,381,231	27,411,958	14,969,273
Agriculture, Conservation and Forestry, Department of	2,042,173	787,631	1,254,542
Inland Fisheries and Wildlife, Department of	2,100,000	1,575,000	525,000
MDI Biological Laboratory, Center for Biomedical Innovation	10,086,006	3,674,141	6,411,865
Technology Institute	26,334,548	19,761,734	6,572,814

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Transportation, Department of	1,818,504	1,613,452	205,052
Maryland	47,794,901	1,472,831	46,322,070
Agriculture, Department of	70,000	0	70,000
Energy Administration	2,400,000	0	2,400,000
Health, Department of	15,000,000	0	15,000,000
Natural Resources, Department of	780,619	137,123	643,496
Technology Development Corporation	27,697,618	0	27,697,618
Transportation, Department of	1,846,664	1,335,708	510,956
Massachusetts	48,602,573	7,131,139	41,471,434
Clean Energy Technology Center	26,196,211	0	26,196,211
Environmental Protection, Department of	2,125,890	26,843	2,099,047
Fish and Game, Department of	475,828	425,168	50,660
Gaming Commission	1,655,015	0	1,655,015
Mental Health, Department of	3,246,962	342,368	2,904,594
Public Health, Department of	2,371,940	842,867	1,529,073
Technology Park Corporation	5,008,360	0	5,008,360
Transportation, Department of	6,867,367	5,493,893	1,373,474
Water Resources Authority	655,000	0	655,000
Michigan	18,209,820	8,005,370	10,204,450
Agriculture and Rural Development, Department of	6,129,203	372,398	5,756,805
Environmental, Great Lakes, and Energy, Department of	1,531,418	569,514	961,904
Health and Human Services, Department of	151,106	0	151,106
Licensing and Regulatory Affairs	2,578,702	0	2,578,702
Transportation, Department of	7,819,391	7,063,458	755,933
Minnesota	35,360,341	13,937,565	21,422,776
Agriculture, Department of	7,266,713	1,313,203	5,953,510
Forest Resources Council	249,288	0	249,288
Health, Department of	3,300,000	3,000,000	300,000
Labor and Industry, Department of	947,620	140,109	807,511
Management and Budget	1,384,087	0	1,384,087
Midwest Dairy Association, Minnesota Division	290,696	0	290,696
Natural Resources, Department of	1,862,457	1,179,079	683,378
Transportation, Department of	20,059,480	8,305,174	11,754,306
Mississippi	12,259,629	10,807,324	1,452,305
Agriculture and Commerce, Department of	388,538	388,538	0
Environmental Quality, Department of	1,864,074	1,864,074	0
Gulf States Marine Fisheries Commission	1,829,996	1,829,996	0
Marine Resources, Department of	2,355,743	1,765,958	589,785
Transportation, Department of	3,782,809	3,548,409	234,400
Wildlife, Fisheries, and Parks, Department of	2,038,469	1,410,349	628,120
Missouri	21,642,158	4,964,702	16,677,456
Agriculture, Department of	803,592	207,148	596,444
Conservation, Department of	6,195,531	1,755,317	4,440,214
Economic Development, Department of	9,848,000	0	9,848,000
Mental Health, Department of	485,000	0	485,000
Midwest Dairy Association, Missouri Division	37,169	0	37,169
Natural Resources, Department of	1,325,877	1,138,921	186,956
Transportation, Department of	2,292,895	1,834,316	458,579
Wine and Grape Board	654,094	29,000	625,094
Montana	15,519,383	10,693,750	4,825,633
Agriculture, Department of	5,328,115	3,074,366	2,253,749

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Environmental Quality, Department of	328,669	198,771	129,898
Fish, Wildlife and Parks, Department of	7,244,541	5,075,858	2,168,683
Transportation, Department of	2,618,058	2,344,755	273,303
Nebraska	31,904,735	7,037,078	24,867,657
Agriculture, Department of	953,205	858,598	94,607
Corn Board	867,843	0	867,843
Dry Bean Commission	179,434	0	179,434
Economic Development, Department of	3,071,122	0	3,071,122
Game and Parks Commission	6,148,061	4,778,730	1,369,331
Grain Sorghum Board	4,419	0	4,419
Health and Human Services, Department of	18,316,764	0	18,316,764
Natural Resources, Department of	50,000	0	50,000
Pea And Lentil Commission	34,000	0	34,000
Transportation, Department of	1,834,127	1,399,750	434,377
Wheat Board	445,760	0	445,760
Nevada	11,295,697	4,403,867	6,891,830
Agriculture, Department of	189,477	139,477	50,000
Conservation and Natural Resources, Department of	4,485,464	2,106,733	2,378,731
Economic Development, Governor's office of	4,173,545	0	4,173,545
Transportation, Department of	1,765,966	1,647,676	118,290
Wildlife, Department of	681,245	509,981	171,264
New Hampshire	576,762	469,827	106,935
Agriculture, Markets and Food, Department of	106,935	0	106,935
Transportation, Department of	469,827	469,827	0
New Jersey	92,749,768	5,623,169	87,126,599
Children and Families, Department of	1,995,862	1,692,778	303,084
Corrections, Department of	204,197	204,197	0
Environmental Protection, Department of	9,057,114	796,096	8,261,018
Health, Department of	57,159,333	0	57,159,333
Pinelands Commission	839,026	560,172	278,854
Science, Innovation, and Technology, Commission on	10,989,386	0	10,989,386
Secretary of Higher Education, Office of	6,500,000	0	6,500,000
State Parole Board	70,000	70,000	0
Transit, NJ	2,494,320	0	2,494,320
Transportation, Department of	3,440,530	2,299,926	1,140,604
New Mexico	3,505,257	2,751,359	753,898
Game and Fish, Department of	445,000	310,000	135,000
Transportation, Department of	2,899,507	2,319,606	579,901
Western State Air Resources Council	160,750	121,753	38,997
New York	466,078,608	164,438,994	301,639,614
Agriculture and Markets, Department of	19,727,681	3,904,633	15,823,048
Economic Development, Department of	64,429,620	9,777,960	54,651,660
Energy Research and Development Authority	53,196,509	0	53,196,509
Environmental Conservation, Department of	12,367,556	1,282,083	11,085,473
Health, Department of	41,683,667	18,943,887	22,739,780
Mental Health, Office of	148,313,074	57,318,313	90,994,761
People with Developmental Disabilities, Office of	2,237,613	2,079,497	158,116
Power Authority	9,992,591	0	9,992,591
Roswell Park Comprehensive Cancer Center	97,948,317	67,275,027	30,673,290
State Museum	11,458,272	416,738	11,041,534
Thoroughbred Breeding and Development Fund Corporation	422,638	0	422,638

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Transportation, Department of	4,301,070	3,440,856	860,214
North Carolina	40,186,090	10,665,462	29,520,628
Agriculture and Consumer Services, Department of	14,714,600	0	14,714,600
Biotechnology Center	6,571,683	0	6,571,683
Environmental Quality, Department of	970,205	951,205	19,000
Natural and Cultural Resources, Department of	2,730,952	25,000	2,705,952
Science, Technology & Innovation, Office of	3,686,533	0	3,686,533
Transportation, Department of	11,479,266	9,689,257	1,790,009
Wine and Grape Growers Council	32,851	0	32,851
North Dakota	33,135,450	2,989,943	30,145,507
Agriculture, Department of	4,752,610	0	4,752,610
Dry Pea and Lentil Commission	410,446	0	410,446
Game and Fish, Department of	1,411,708	1,153,471	258,237
Historical Society of North Dakota	914,622	467,040	447,582
Industrial Commission	22,908,318	0	22,908,318
Transportation, Department of	1,421,818	1,369,432	52,386
Wheat Commission	1,315,928	0	1,315,928
Ohio	79,186,949	12,071,364	67,115,585
Development, Department of	61,962,573	0	61,962,573
Education and Workforce, Department of	427,000	192,000	235,000
Natural Resources, Department of	7,273,584	4,712,839	2,560,745
Transportation, Department of	8,923,792	7,166,525	1,757,267
Water Development Authority	600,000	0	600,000
Oklahoma	34,440,407	9,130,214	25,310,193
Advancement of Science and Technology, Center for the	8,731,011	0	8,731,011
Agriculture, Food, and Forestry, Department of	808,170	337,287	470,883
Grand River Dam Authority	410,000	0	410,000
Health, Department of	1,216,518	1,216,518	0
Tobacco Settlement Endowment Trust	13,670,000	0	13,670,000
Transportation, Department of	5,619,781	4,875,423	744,358
Wildlife Conservation, Department of	3,984,927	2,700,986	1,283,941
Oregon	41,638,564	18,411,742	23,226,822
Agriculture, Department of	267,183	0	267,183
Business Development Department	12,685,262	0	12,685,262
Education, Department of	597,442	597,442	0
Fish and Wildlife, Department of	15,196,685	9,868,985	5,327,700
Forestry, Department of	650,000	0	650,000
Geology and Mineral Industries, Department of	973,317	820,253	153,064
Transportation, Department of	2,794,030	2,235,224	558,806
Water Resources Department	1,195,658	0	1,195,658
Watershed Enhancement Board	7,278,987	4,889,838	2,389,149
Pennsylvania	74,628,718	14,323,400	60,305,318
Agriculture, Department of	2,874,868	687,868	2,187,000
Community and Economic Development, Department of	25,525,000	0	25,525,000
Conservation and Natural Resources, Department of	2,428,103	177,665	2,250,438
Environmental Protection, Department of	125,269	39,028	86,241
Fish and Boat Commission	114,623	84,832	29,791
Game Commission	19,077,102	9,925,636	9,151,466
Health, Department of	21,955,579	1,000,000	20,955,579
Susquehanna River Basin Commission	134,000	94,000	40,000
Transportation, Department of	2,394,174	2,314,371	79,803

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Rhode Island	5,817,932	4,424,399	1,393,533
Commerce Corporation	1,139,521	0	1,139,521
Fish and Wildlife; Environmental Management, Department of	2,994,585	2,994,585	0
Marine Fisheries; Environmental Management, Department of	199,465	199,465	0
Narragansett Bay National Estuarine Research Reserve; Environmental Management, Department of	272,028	272,028	0
Transportation, Department of	1,212,333	958,321	254,012
South Carolina	60,332,935	34,941,530	25,391,405
Agriculture and Natural Resources, Department of	1,506,065	511,068	994,997
Behavioral Health and Developmental Disabilities, Department of	12,179,800	6,179,800	6,000,000
Commerce, Department of	2,444,612	0	2,444,612
Natural Resources, Department of	33,075,951	21,770,255	11,305,696
Public Health, Department of	734,034	597,340	136,694
Public Service Authority	510,813	0	510,813
Research Authority	2,470,387	0	2,470,387
Sea Grant Consortium	5,680,306	4,499,393	1,180,913
Transportation, Department of	1,730,967	1,383,674	347,293
South Dakota	6,800,916	1,509,750	5,291,166
Agriculture and Natural Resources, Department of	1,110,799	0	1,110,799
Corn Utilization Council	50,000	0	50,000
Economic Development, Governor's office of	548,450	0	548,450
Midwest Dairy Association, South Dakota Division	108,284	0	108,284
Nutrient Research and Education Council	1,052,089	0	1,052,089
Oilseeds Council	171,910	0	171,910
Pulse Crop Council	34,000	0	34,000
Soybean Research and Promotion Council	902,776	0	902,776
Transportation, Department of	2,008,660	1,509,750	498,910
Weed and Pest Control Commission	50,000	0	50,000
Wheat Commission	763,948	0	763,948
Tennessee	136,998,540	29,779,358	107,219,182
Agriculture, Department of	7,548,870	7,407,250	141,620
Economic and Community Development, Department of	55,000,000	0	55,000,000
Education, Department of	59,109,098	19,749,662	39,359,436
Environment and Conservation, Department of	595,172	462,156	133,016
LaunchTN	10,000,000	0	10,000,000
Transportation, Department of	4,525,164	1,940,054	2,585,110
Wildlife Resources Agency	220,236	220,236	0
Texas	299,999,621	25,876,173	274,123,448
Agriculture, Department of	519,802	420,000	99,802
Alzheimer's Research and Care Consortium	7,000,000	0	7,000,000
Animal Health Commission	242,717	0	242,717
Cancer Prevention and Research Institute	256,340,967	0	256,340,967
Environmental Quality, Commission on	2,766,704	1,962,083	804,621
Parks and Wildlife Department	4,541,473	3,723,743	817,730
Transportation, Department of	23,682,426	19,770,347	3,912,079
Water Development Board	4,905,532	0	4,905,532
Utah	26,033,161	2,109,148	23,924,013
Economic Opportunity Commission	15,100,000	200,000	14,900,000
Environmental Quality, Department of	836,479	211,913	624,566
Natural Resources, Department of	6,581,154	0	6,581,154
Transportation, Department of	3,515,528	1,697,235	1,818,293

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Vermont	915,594	641,719	273,875
Agriculture, Food, and Markets, Agency of	141,945	0	141,945
Transportation, Agency of	773,649	641,719	131,930
Virginia	58,638,682	18,939,433	39,699,249
Agriculture and Consumer Services, Department of	3,159,457	570,087	2,589,370
Commonwealth Health Research Board	1,497,957	0	1,497,957
Education, Department of	750,000	500,000	250,000
Energy, Department of	2,566,775	1,520,482	1,046,293
Environmental Quality, Department of	324,561	283,832	40,729
Forensic Science, Department of	1,416,562	409,833	1,006,729
Forestry, Department of	987,082	589,091	397,991
Foundation for Healthy Youth	1,746,155	0	1,746,155
Innovation Partnership Authority	18,763,908	1,791,007	16,972,901
Marine Resources Commission	2,399,369	2,045,961	353,408
Natural History, Museum of	1,212,900	0	1,212,900
Social Services, Department of	1,210,000	605,000	605,000
Transportation, Department of	20,710,938	9,337,345	11,373,593
Veterans Services, Department of	10,000	0	10,000
Wildlife Resources, Department of	1,883,018	1,286,795	596,223
Washington	79,481,363	19,824,267	59,657,096
Agriculture, Department of	6,069,359	3,880,322	2,189,037
Alfalfa Seed Commission	17,000	0	17,000
Asparagus Commission	27,000	0	27,000
Beef Commission	25,000	12,500	12,500
Blueberry Commission	224,102	0	224,102
Commerce, Department of	7,662,136	0	7,662,136
Cranberry Commission	6,600	0	6,600
Dairy Products Commission	22,652	0	22,652
Ecology, Department of	10,250,771	2,315,194	7,935,577
Fish and Wildlife, Department of	20,787,065	5,959,417	14,827,648
Grain Commission	2,329,500	0	2,329,500
Health, Department of	1,485,000	923,000	562,000
Hop Commission	121,394	0	121,394
Labor and Industries, Department of	4,704,538	439,824	4,264,714
Mint Commission	42,659	0	42,659
Natural Resources, Department of	7,569,228	0	7,569,228
Oilseeds Commission	252,074	0	252,074
Potato Commission	880,588	0	880,588
Puget Sound Partnership	3,715,000	1,840,000	1,875,000
Pulse Crops Commission	207,216	0	207,216
Red Raspberry Commission	289,288	0	289,288
Transportation, Department of	6,863,124	4,260,624	2,602,500
Tree Fruit Research Commission	5,481,432	95,935	5,385,497
Turfgrass Seed Commission	65,684	0	65,684
Wine Commission	382,953	97,451	285,502
West Virginia	11,732,040	6,148,794	5,583,246
Geological and Economic Survey	4,619,441	1,573,206	3,046,235
Higher Education Policy Commission	4,077,557	2,279,060	1,798,497
Natural Resources, Division of	2,630,130	1,972,598	657,532
Transportation, Department of	404,912	323,930	80,982
Wisconsin	10,684,964	8,357,964	2,327,000

Table 17. State agency expenditures for R&D for all performers, by state department or agency and source of funds: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Source of funds	
		Federal government	State and all others[a]
Agriculture, Trade and Consumer Protection, Department of	703,261	624,504	78,757
Natural Resources, Department of	5,702,965	3,941,194	1,761,771
Transportation, Department of	4,278,738	3,792,266	486,472
Wyoming	8,514,602	3,154,991	5,359,611
Agriculture, Department of	616,635	320,975	295,660
Business Council	1,130,000	0	1,130,000
Enhanced Oil Recovery Institute	2,399,471	1,421,009	978,462
Game and Fish Department	659,609	430,746	228,863
State Geological Survey	2,204,328	79,328	2,125,000
Transportation, Department of	1,135,561	902,933	232,628
Water Development Office	368,998	0	368,998
Puerto Rico[c]	44,071,899	17,222,165	26,849,734
Agriculture, Department of	116,857	45,654	71,203
Economic Development and Commerce, Department of	6,380,000	0	6,380,000
Comprehensive Cancer Center	24,064,872	8,174,578	15,890,294
Health, Department of	425,000	425,000	0
Institute of Statistics	2,433,435	267,933	2,165,502
Science, Technology and Research Trust	10,651,735	8,309,000	2,342,735

[a] State and all others includes higher education institutions; companies; nonprofit organizations; other state governments; and city, county, regional, township, or other local governments.

[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.

Table 18. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025

(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]	785,021,295	303,850,226	429,638,964	8,291,717	20,402,673	20,066,542	2,771,173
Alabama	10,337,767	6,513,012	2,286,559	11,146	451,562	0	1,075,488
Conservation and Natural Resources, Department of	153,637	104,929	48,708	0	0	0	0
Education, Department of	2,093,434	1,974,469	118,965	0	0	0	0
Forensic Sciences, Department of	257,392	0	257,392	0	0	0	0
Geological Survey	3,966,448	1,642,246	1,861,494	11,146	451,562	0	0
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,866,856	2,791,368	0	0	0	0	1,075,488
Alaska	16,573,390	10,548,527	5,002,063	1,022,800	0	0	0
Environmental Conservation, Department of	9,835	0	9,835	0	0	0	0
Natural Resources, Department of; Division of Geological and Geophysical Surveys	15,020,927	9,107,141	4,890,986	1,022,800	0	0	0
Railroad Corporation	1,036,418	1,036,418	0	0	0	0	0
Transportation and Public Facilities, Department of	506,210	404,968	101,242	0	0	0	0
Arizona	2,289,062	1,840,088	448,974	0	0	0	0
Game and Fish Department	1,309,324	1,158,003	151,321	0	0	0	0
Juvenile Corrections, Department of	127,132	0	127,132	0	0	0	0
Transportation, Department of	852,606	682,085	170,521	0	0	0	0
Arkansas	1,695,894	796,010	899,884	0	0	0	0
Game and Fish Commission	1,474,384	620,328	854,056	0	0	0	0
Natural Heritage Commission	16,625	11,774	4,851	0	0	0	0
Transportation, Department of	204,885	163,908	40,977	0	0	0	0
California	113,614,851	8,036,931	105,432,842	145,078	0	0	0
Air Resources Board	13,390,694	0	13,390,694	0	0	0	0
Conservation, Department of	2,361,501	775,288	1,586,213	0	0	0	0
Covered California	2,734,200	0	2,734,200	0	0	0	0
Energy Commission	32,125,077	341,323	31,783,754	0	0	0	0
Environmental Health Hazard Assessment, Office of	19,551,492	0	19,551,492	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	367,638	0	367,638	0	0	0	0
Motor Vehicles, Department of	2,136,648	0	1,991,570	145,078	0	0	0
Pesticide Regulation, Department of	16,141,155	0	16,141,155	0	0	0	0
Public Health, Department of	1,411,000	0	1,411,000	0	0	0	0
State Water Resources Control Board	2,224,607	0	2,224,607	0	0	0	0
Transportation, Department of	16,334,894	6,920,320	9,414,574	0	0	0	0
Water Resources, Department of	2,157,945	0	2,157,945	0	0	0	0
Colorado	12,615,231	4,145,983	8,419,161	0	0	50,087	0

Table 18. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025

(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
Agriculture, Department of	400,985	222,510	178,475	0	0	0	0
Labor and Employment, Department of	199,876	199,876	0	0	0	0	0
Natural Resources, Department of	7,745,859	2,460,163	5,235,609	0	0	50,087	0
Public Health and Environment, Department of	3,143,511	138,434	3,005,077	0	0	0	0
Transportation, Department of	1,125,000	1,125,000	0	0	0	0	0
Connecticut	30,922,613	13,090,186	17,645,227	187,200	0	0	0
Agricultural Experiment Station	15,286,983	6,187,101	9,099,882	0	0	0	0
Energy and Environmental Protection, Department of	6,920,674	5,347,415	1,573,259	0	0	0	0
Mental Health and Addiction Services, Department of	7,870,896	1,341,934	6,341,762	187,200	0	0	0
Social Services, Department of	416,588	0	416,588	0	0	0	0
Transportation, Department of	427,472	213,736	213,736	0	0	0	0
Delaware	1,762,951	551,065	1,211,886	0	0	0	0
Geological Survey	1,762,951	551,065	1,211,886	0	0	0	0
District of Columbia	6,052,708	4,839,773	1,212,935	0	0	0	0
Health, Department of	4,445,534	4,354,034	91,500	0	0	0	0
Transportation, Department of	607,174	485,739	121,435	0	0	0	0
Water and Sewer Authority	1,000,000	0	1,000,000	0	0	0	0
Florida	65,256,790	15,997,020	44,171,760	4,596,112	429,593	4,299	58,006
Agriculture and Consumer Services, Department of	1,179,809	1,124,771	55,038	0	0	0	0
Citrus, Department of	100,613	0	100,613	0	0	0	0
Fish and Wildlife Conservation Commission	62,227,368	14,872,249	42,267,109	4,596,112	429,593	4,299	58,006
Transportation, Department of	1,749,000	0	1,749,000	0	0	0	0
Georgia	2,826,861	2,633,779	0	76,989	0	116,093	0
Southern States Energy Board	2,826,861	2,633,779	0	76,989	0	116,093	0
Hawaii	1,770,781	1,770,781	0	0	0	0	0
Agriculture and Biosecurity, Department of	261,139	261,139	0	0	0	0	0
Business, Economic Development, and Tourism, Department of	1,509,642	1,509,642	0	0	0	0	0
Idaho	6,426,852	5,448,041	748,794	230,017	0	0	0
Fish and Game, Department of	6,262,075	5,316,219	715,839	230,017	0	0	0
Transportation Department	164,777	131,822	32,955	0	0	0	0
Illinois	100,000	0	100,000	0	0	0	0
Transportation, Department of	100,000	0	100,000	0	0	0	0
Indiana	1,922,247	1,476,516	445,731	0	0	0	0
Natural Resources, Department of	628,594	409,594	219,000	0	0	0	0
Transportation, Department of	1,293,653	1,066,922	226,731	0	0	0	0
Iowa	3,032,032	1,614,546	1,417,486	0	0	0	0

Table 18. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025

(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
Management, Department of Data; Division of Planning and Improvement	28,152	28,152	0	0	0	0	0
Natural Resources, Department of	3,003,880	1,586,394	1,417,486	0	0	0	0
Kansas	1,979,123	283,769	1,648,114	0	0	0	47,240
State Board of Regents	8,378	0	8,378	0	0	0	0
Transportation, Department of	1,004,311	153,456	850,855	0	0	0	0
Water Office	966,434	130,313	788,881	0	0	0	47,240
Kentucky	4,188,885	3,148,418	1,040,467	0	0	0	0
Fish and Wildlife Resources, Department of	4,188,885	3,148,418	1,040,467	0	0	0	0
Louisiana	3,736,044	2,654,430	1,081,614	0	0	0	0
Coastal Protection and Restoration Authority	418,006	0	418,006	0	0	0	0
Transportation and Development, Department of	3,318,038	2,654,430	663,608	0	0	0	0
Maine	12,755,250	4,465,900	7,200,075	74,800	642,227	0	372,248
Agriculture, Conservation and Forestry, Department of	1,627,763	383,736	1,244,027	0	0	0	0
Inland Fisheries and Wildlife, Department of	1,961,655	1,436,655	525,000	0	0	0	0
MDI Biological Laboratory, Center for Biomedical Innovation	8,623,542	2,211,677	5,322,590	74,800	642,227	0	372,248
Transportation, Department of	542,290	433,832	108,458	0	0	0	0
Maryland	278,112	80,866	197,246	0	0	0	0
Transportation, Department of	278,112	80,866	197,246	0	0	0	0
Massachusetts	1,596,605	561,984	729,621	305,000	0	0	0
Environmental Protection, Department of	333,963	26,843	307,120	0	0	0	0
Fish and Game, Department of	154,574	103,914	50,660	0	0	0	0
Gaming Commission	264,034	0	264,034	0	0	0	0
Transportation, Department of	539,034	431,227	107,807	0	0	0	0
Water Resources Authority	305,000	0	0	305,000	0	0	0
Michigan	207,682	116,374	91,308	0	0	0	0
Environmental, Great Lakes, and Energy, Department of	207,682	116,374	91,308	0	0	0	0
Minnesota	7,519,408	2,678,450	4,540,958	0	0	0	300,000
Agriculture, Department of	1,822,005	0	1,822,005	0	0	0	0
Forest Resources Council	17,800	0	17,800	0	0	0	0
Health, Department of	1,800,000	1,500,000	0	0	0	0	300,000
Labor and Industry, Department of	820,710	140,109	680,601	0	0	0	0
Management and Budget	1,384,087	0	1,384,087	0	0	0	0
Natural Resources, Department of	1,674,806	1,038,341	636,465	0	0	0	0
Mississippi	1,811,828	950,922	445,432	415,474	0	0	0
Marine Resources, Department of	809,321	255,925	137,922	415,474	0	0	0
Transportation, Department of	175,000	140,000	35,000	0	0	0	0

Table 18. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025

(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
Wildlife, Fisheries, and Parks, Department of	827,507	554,997	272,510	0	0	0	0
Missouri	4,291,918	2,791,120	1,500,798	0	0	0	0
Conservation, Department of	2,498,903	1,623,199	875,704	0	0	0	0
Natural Resources, Department of	1,138,921	1,138,921	0	0	0	0	0
Wine and Grape Board	654,094	29,000	625,094	0	0	0	0
Montana	5,716,477	3,467,147	2,247,326	0	2,004	0	0
Environmental Quality, Department of	95,363	68,763	26,600	0	0	0	0
Fish, Wildlife and Parks, Department of	5,083,311	2,968,142	2,113,165	0	2,004	0	0
Transportation, Department of	537,803	430,242	107,561	0	0	0	0
Nebraska	3,204,418	2,041,067	1,163,351	0	0	0	0
Game and Parks Commission	3,119,978	2,041,067	1,078,911	0	0	0	0
Transportation, Department of	84,440	0	84,440	0	0	0	0
Nevada	530,232	434,417	95,815	0	0	0	0
Agriculture, Department of	189,477	139,477	50,000	0	0	0	0
Conservation and Natural Resources, Department of	340,755	294,940	45,815	0	0	0	0
New Hampshire	175,159	175,159	0	0	0	0	0
Transportation, Department of	175,159	175,159	0	0	0	0	0
New Jersey	3,976,391	951,396	3,024,995	0	0	0	0
Children and Families, Department of	247,714	0	247,714	0	0	0	0
Corrections, Department of	204,197	204,197	0	0	0	0	0
Environmental Protection, Department of	2,622,076	121,448	2,500,628	0	0	0	0
Pinelands Commission	832,404	555,751	276,653	0	0	0	0
State Parole Board	70,000	70,000	0	0	0	0	0
New Mexico	1,310,000	1,020,000	290,000	0	0	0	0
Game and Fish, Department of	360,000	260,000	100,000	0	0	0	0
Transportation, Department of	950,000	760,000	190,000	0	0	0	0
New York	285,567,190	127,479,302	118,684,314	65,181	18,713,402	19,896,063	728,928
Agriculture and Markets, Department of	2,535,000	2,535,000	0	0	0	0	0
Energy Research and Development Authority	8,653,710	0	8,653,710	0	0	0	0
Environmental Conservation, Department of	3,617,457	1,187,916	2,429,541	0	0	0	0
Health, Department of	30,095,699	14,860,533	9,331,633	65,181	5,074,659	712,698	50,995
Mental Health, Office of	124,279,019	37,033,768	79,500,000	0	6,069,889	1,006,658	668,704
People with Developmental Disabilities, Office of	2,237,613	2,079,497	0	0	158,116	0	0
Power Authority	2,598,157	0	2,495,377	0	102,780	0	0
Roswell Park Comprehensive Cancer Center	97,948,317	67,275,027	5,179,396	0	7,307,958	18,176,707	9,229
State Museum	10,988,689	416,738	10,571,951	0	0	0	0

Table 18. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025

(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
Transportation, Department of	2,613,529	2,090,823	522,706	0	0	0	0
North Carolina	17,355,934	1,786,162	15,569,772	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	965,205	946,205	19,000	0	0	0	0
Natural and Cultural Resources, Department of	2,126,183	0	2,126,183	0	0	0	0
Transportation, Department of	1,049,946	839,957	209,989	0	0	0	0
North Dakota	1,166,823	658,801	508,022	0	0	0	0
Game and Fish, Department of	200,000	150,000	50,000	0	0	0	0
Historical Society of North Dakota	914,622	467,040	447,582	0	0	0	0
Transportation, Department of	52,201	41,761	10,440	0	0	0	0
Ohio	2,601,066	2,092,885	508,181	0	0	0	0
Education and Workforce, Department of	40,000	0	40,000	0	0	0	0
Natural Resources, Department of	2,561,066	2,092,885	468,181	0	0	0	0
Oklahoma	916,454	611,973	304,481	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	272,403	217,922	54,481	0	0	0	0
Oregon	13,392,374	8,231,145	5,058,643	102,586	0	0	0
Fish and Wildlife, Department of	11,524,518	7,407,587	4,116,931	0	0	0	0
Forestry, Department of	350,000	0	350,000	0	0	0	0
Geology and Mineral Industries, Department of	973,317	820,253	153,064	0	0	0	0
Water Resources Department	527,258	0	424,672	102,586	0	0	0
Watershed Enhancement Board	17,281	3,305	13,976	0	0	0	0
Pennsylvania	19,256,559	10,097,706	9,118,853	40,000	0	0	0
Conservation and Natural Resources, Department of	497,040	0	497,040	0	0	0	0
Environmental Protection, Department of	39,028	39,028	0	0	0	0	0
Fish and Boat Commission	68,833	39,042	29,791	0	0	0	0
Game Commission	18,517,658	9,925,636	8,592,022	0	0	0	0
Susquehanna River Basin Commission	134,000	94,000	0	40,000	0	0	0
Rhode Island	352,850	329,758	23,092	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	80,822	57,730	23,092	0	0	0	0
South Carolina	36,414,738	23,678,123	12,437,521	109,831	0	0	189,263
Natural Resources, Department of	32,384,312	21,078,616	11,305,696	0	0	0	0
Public Health, Department of	734,034	597,340	0	0	0	0	136,694
Public Service Authority	70,911	0	0	70,911	0	0	0

Table 18. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025

(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
Sea Grant Consortium	3,018,975	1,838,062	1,089,424	38,920	0	0	52,569
Transportation, Department of	206,506	164,105	42,401	0	0	0	0
South Dakota	339,154	228,014	111,140	0	0	0	0
Soybean Research and Promotion Council	15,675	0	15,675	0	0	0	0
Transportation, Department of	323,479	228,014	95,465	0	0	0	0
Tennessee	273,196	153,675	119,521	0	0	0	0
Environment and Conservation, Department of	231,351	111,830	119,521	0	0	0	0
Transportation, Department of	41,845	41,845	0	0	0	0	0
Texas	527,919	277,212	250,707	0	0	0	0
Animal Health Commission	96,155	0	96,155	0	0	0	0
Environmental Quality, Commission on	62,874	0	62,874	0	0	0	0
Parks and Wildlife Department	368,890	277,212	91,678	0	0	0	0
Utah	8,444,401	405,853	8,038,548	0	0	0	0
Environmental Quality, Department of	537,083	211,913	325,170	0	0	0	0
Natural Resources, Department of	6,581,154	0	6,581,154	0	0	0	0
Transportation, Department of	1,326,164	193,940	1,132,224	0	0	0	0
Vermont	427,547	364,838	62,709	0	0	0	0
Transportation, Agency of	427,547	364,838	62,709	0	0	0	0
Virginia	18,335,191	6,425,634	11,900,057	9,500	0	0	0
Education, Department of	500,000	250,000	250,000	0	0	0	0
Energy, Department of	1,788,430	922,137	866,293	0	0	0	0
Environmental Quality, Department of	51,858	11,129	40,729	0	0	0	0
Forensic Science, Department of	1,416,562	409,833	1,006,729	0	0	0	0
Forestry, Department of	987,082	589,091	397,991	0	0	0	0
Innovation Partnership Authority	1,291,369	129,878	1,151,991	9,500	0	0	0
Marine Resources Commission	294,087	294,087	0	0	0	0	0
Natural History, Museum of	1,212,900	0	1,212,900	0	0	0	0
Social Services, Department of	1,210,000	605,000	605,000	0	0	0	0
Transportation, Department of	9,139,825	2,925,014	6,214,811	0	0	0	0
Veterans Services, Department of	10,000	0	10,000	0	0	0	0
Wildlife Resources, Department of	433,078	289,465	143,613	0	0	0	0
Washington	35,267,390	9,077,380	25,126,122	900,003	163,885	0	0
Ecology, Department of	3,125,939	631,959	2,487,380	0	6,600	0	0
Fish and Wildlife, Department of	19,691,288	5,178,205	13,564,195	791,603	157,285	0	0
Health, Department of	1,411,000	877,000	534,000	0	0	0	0
Labor and Industries, Department of	4,704,538	439,824	4,264,714	0	0	0	0

Table 18. State agency expenditures for R&D for intramural performers, by state department or agency and source of funds: FY 2025

(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
Natural Resources, Department of	3,513,633	0	3,513,633	0	0	0	0
Puget Sound Partnership	115,000	40,000	75,000	0	0	0	0
Transportation, Department of	2,133,289	1,814,457	318,832	0	0	0	0
Tree Fruit Research Commission	572,703	95,935	368,368	108,400	0	0	0
West Virginia	6,261,546	3,142,360	3,119,186	0	0	0	0
Geological and Economic Survey	4,179,056	1,573,206	2,605,850	0	0	0	0
Higher Education Policy Commission	29,145	29,145	0	0	0	0	0
Natural Resources, Division of	2,053,345	1,540,009	513,336	0	0	0	0
Wisconsin	4,968,929	3,513,389	1,455,540	0	0	0	0
Natural Resources, Department of	4,606,282	3,223,272	1,383,010	0	0	0	0
Transportation, Department of	362,647	290,117	72,530	0	0	0	0
Wyoming	2,674,472	172,339	2,502,133	0	0	0	0
Enhanced Oil Recovery Institute	374,063	16,146	357,917	0	0	0	0
State Geological Survey	2,204,328	79,328	2,125,000	0	0	0	0
Transportation, Department of	96,081	76,865	19,216	0	0	0	0
Puerto Rico[b]	25,462,725	9,001,933	16,460,792	0	0	0	0
Comprehensive Cancer Center	14,088,290	0	14,088,290	0	0	0	0
Health, Department of	425,000	425,000	0	0	0	0	0
Institute of Statistics	2,433,435	267,933	2,165,502	0	0	0	0
Science, Technology and Research Trust	8,516,000	8,309,000	207,000	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 2025.

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]	3,476,670,445	785,021,295	2,691,649,150	1,342,715,998	803,403,381	391,943,144	84,748,482	68,838,145
Alabama	60,874,158	10,337,767	50,536,391	10,961,060	1,028,343	37,036,880	1,510,108	0
Commerce, Department of	34,270,133	0	34,270,133	1,000,000	0	33,270,133	0	0
Conservation and Natural Resources, Department of	2,747,738	153,637	2,594,101	1,748,880	37,590	807,631	0	0
Economic and Community Affairs, Department of	1,945,552	0	1,945,552	1,179,699	765,853	0	0	0
Education, Department of	5,325,450	2,093,434	3,232,016	48,000	224,900	2,959,116	0	0
Forensic Sciences, Department of	257,392	257,392	0	0	0	0	0	0
Geological Survey	3,966,448	3,966,448	0	0	0	0	0	0
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,866,856	3,866,856	0	0	0	0	0	0
Supercomputer Authority	4,430,000	0	4,430,000	4,430,000	0	0	0	0
Transportation, Department of	4,064,589	0	4,064,589	2,554,481	0	0	1,510,108	0
Alaska	22,105,955	16,573,390	5,532,565	2,470,670	1,434,992	47,756	206,589	1,372,558
Energy Authority	507,582	0	507,582	0	442,490	47,756	17,336	0
Environmental Conservation, Department of	249,285	9,835	239,450	234,173	5,277	0	0	0
Housing Finance Corporation	500,000	0	500,000	500,000	0	0	0	0
Natural Resources, Department of; Division of Geological and Geophysical Surveys	15,020,927	15,020,927	0	0	0	0	0	0
Railroad Corporation	1,492,861	1,036,418	456,443	0	456,443	0	0	0
Seafood Marketing Institute	20,000	0	20,000	20,000	0	0	0	0
Transportation and Public Facilities, Department of	4,315,300	506,210	3,809,090	1,716,497	530,782	0	189,253	1,372,558
Arizona	21,891,068	2,289,062	19,602,006	10,093,275	3,361,989	6,146,742	0	0
Agriculture, Department of	1,561,121	0	1,561,121	1,473,696	87,425	0	0	0
Game and Fish Department	1,536,954	1,309,324	227,630	227,630	0	0	0	0
Health Services, Department of	16,984,026	0	16,984,026	7,859,053	2,978,231	6,146,742	0	0
Juvenile Corrections, Department of	127,132	127,132	0	0	0	0	0	0
Transportation, Department of	1,681,835	852,606	829,229	532,896	296,333	0	0	0
Arkansas	13,406,865	1,695,894	11,710,971	11,621,611	68,456	16,149	4,755	0
Corn and Grain Sorghum Promotion Board	1,100,000	0	1,100,000	1,100,000	0	0	0	0
Economic Development Commission	2,880,675	0	2,880,675	2,880,675	0	0	0	0
Game and Fish Commission	2,338,774	1,474,384	864,390	810,877	40,425	8,333	4,755	0
Natural Heritage Commission	69,515	16,625	52,890	17,043	28,031	7,816	0	0
Rice Research and Promotion Board	3,000,000	0	3,000,000	3,000,000	0	0	0	0
Soybean Promotion Board	3,351,275	0	3,351,275	3,351,275	0	0	0	0
Transportation, Department of	666,626	204,885	461,741	461,741	0	0	0	0
California	907,649,560	113,614,851	794,034,709	265,078,594	349,014,879	111,665,161	15,239,017	53,037,058
Air Resources Board	21,028,219	13,390,694	7,637,525	6,606,948	891,430	9,999	129,148	0
Conservation, Department of	3,180,341	2,361,501	818,840	699,297	119,543	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]
Covered California	11,213,289	2,734,200	8,479,089	1,262,384	7,216,705	0	0	0
Dairy Council	100,000	0	100,000	100,000	0	0	0	0
Delta Stewardship Council	2,925,832	0	2,925,832	2,919,524	0	6,308	0	0
Earthquake Authority	38,895	0	38,895	0	38,895	0	0	0
Emergency Services Governor's Office	1,018,264	0	1,018,264	863,542	0	154,722	0	0
Energy Commission	343,660,477	32,125,077	311,535,400	7,210,684	246,553,165	47,772,176	9,999,375	0
Environmental Health Hazard Assessment, Office of	20,474,543	19,551,492	923,051	867,559	55,492	0	0	0
Food and Agriculture, Department of	5,788,292	0	5,788,292	5,453,976	0	88,762	245,554	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	1,041,243	0	1,041,243	1,041,243	0	0	0	0
Housing and Community Development, Department of	1,919,276	367,638	1,551,638	1,551,638	0	0	0	0
Institute for Regenerative Medicine	341,266,423	0	341,266,423	195,399,760	91,062,976	54,803,687	0	0
Motor Vehicles, Department of	2,248,969	2,136,648	112,321	112,321	0	0	0	0
Parks And Recreation, Department of	3,229,516	0	3,229,516	3,229,516	0	0	0	0
Pesticide Regulation, Department of	22,307,548	16,141,155	6,166,393	1,694,284	0	4,472,109	0	0
Public Health, Department of	8,229,485	1,411,000	6,818,485	6,818,485	0	0	0	0
Public Utilities Commission, Executive Division	52,804,014	0	52,804,014	0	0	0	0	52,804,014
San Diego River Conservancy	5,046,165	0	5,046,165	2,600,292	0	2,445,873	0	0
State Coastal Conservancy	458,648	0	458,648	200,601	0	36,476	221,571	0
State Water Resources Control Board	10,377,245	2,224,607	8,152,638	2,861,301	2,630,632	1,875,049	552,612	233,044
Transportation, Department of	22,103,990	16,334,894	5,769,096	3,716,971	388,041	0	1,664,084	0
Water Resources, Department of	13,010,886	2,157,945	10,852,941	10,168,268	58,000	0	626,673	0
Colorado	41,286,271	12,615,231	28,671,040	15,329,128	11,283,605	1,077,517	880,915	99,875
Agriculture, Department of	1,379,371	400,985	978,386	978,386	0	0	0	0
Economic Development and International Trade, Office of	15,317,275	0	15,317,275	4,701,166	10,516,234	0	0	99,875
Higher Education Competitive Research Authority	2,105,950	0	2,105,950	2,105,950	0	0	0	0
Labor and Employment, Department of	329,913	199,876	130,037	2,520	0	127,517	0	0
Natural Resources, Department of	7,966,291	7,745,859	220,432	52,116	4,291	25,000	139,025	0
Public Health and Environment, Department of	8,641,599	3,143,511	5,498,088	5,158,718	153,480	0	185,890	0
Transportation, Department of	5,208,600	1,125,000	4,083,600	1,998,000	609,600	920,000	556,000	0
Wine Industry Development Board	337,272	0	337,272	332,272	0	5,000	0	0
Connecticut	60,092,992	30,922,613	29,170,379	3,313,903	24,399,923	0	24,288	1,432,265
Agricultural Experiment Station	15,286,983	15,286,983	0	0	0	0	0	0
Energy and Environmental Protection, Department of	7,989,941	6,920,674	1,069,267	606,466	438,513	0	24,288	0
Innovation Inc.	23,961,410	0	23,961,410	0	23,961,410	0	0	0
Mental Health and Addiction Services, Department of	7,870,896	7,870,896	0	0	0	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]
Social Services, Department of	966,588	416,588	550,000	550,000	0	0	0	0
Transportation, Department of	4,017,174	427,472	3,589,702	2,157,437	0	0	0	1,432,265
Delaware	3,344,546	1,762,951	1,581,595	1,013,934	487,661	0	80,000	0
Geological Survey	1,842,951	1,762,951	80,000	0	0	0	80,000	0
Natural Resources and Environmental Control, Department of	435,728	0	435,728	228,260	207,468	0	0	0
Sustainable Energy Utility	125,076	0	125,076	0	125,076	0	0	0
Transportation, Department of	940,791	0	940,791	785,674	155,117	0	0	0
District of Columbia	8,841,911	6,052,708	2,789,203	478,799	1,455,908	754,496	100,000	0
Energy and Environment, Department of	542,707	0	542,707	28,799	279,808	134,100	100,000	0
Health, Department of	6,192,030	4,445,534	1,746,496	0	1,126,100	620,396	0	0
Transportation, Department of	607,174	607,174	0	0	0	0	0	0
Water and Sewer Authority	1,500,000	1,000,000	500,000	450,000	50,000	0	0	0
Florida	295,723,845	65,256,790	230,467,055	117,840,698	1,796,961	110,768,454	60,942	0
Agriculture and Consumer Services, Department of	33,901,119	1,179,809	32,721,310	12,637,084	15,105	20,069,121	0	0
Citrus, Department of	2,801,033	100,613	2,700,420	129,220	0	2,571,200	0	0
Fish and Wildlife Conservation Commission	72,519,837	62,227,368	10,292,469	3,233,065	0	6,998,462	60,942	0
Health, Department of	169,824,049	0	169,824,049	88,694,378	0	81,129,671	0	0
Space Florida	695,000	0	695,000	105,000	590,000	0	0	0
Transportation, Department of	15,982,807	1,749,000	14,233,807	13,041,951	1,191,856	0	0	0
Georgia	29,453,124	2,826,861	26,626,263	15,316,375	8,300,218	1,883,337	916,333	210,000
Commodity Commission, Agriculture, Department of	4,313,528	0	4,313,528	4,313,528	0	0	0	0
Natural Resources, Department of	2,956,228	0	2,956,228	2,956,228	0	0	0	0
Southern States Energy Board	14,146,425	2,826,861	11,319,564	3,010,155	8,300,218	9,191	0	0
Transportation, Department of	8,036,943	0	8,036,943	5,036,464	0	1,874,146	916,333	210,000
Hawaii	7,444,283	1,770,781	5,673,502	4,027,872	1,540,005	75,625	30,000	0
Agriculture and Biosecurity, Department of	724,572	261,139	463,433	417,148	46,285	0	0	0
Business, Economic Development, and Tourism, Department of	3,003,362	1,509,642	1,493,720	0	1,493,720	0	0	0
Land and Natural Resources, Department of	793,482	0	793,482	687,857	0	75,625	30,000	0
Transportation, Department of	2,922,867	0	2,922,867	2,922,867	0	0	0	0
Idaho	19,983,742	6,426,852	13,556,890	5,774,301	4,399,610	249,131	3,133,848	0
Barley Commission	294,000	0	294,000	262,869	0	31,131	0	0
Dairy West	2,665,000	0	2,665,000	2,665,000	0	0	0	0
Fish and Game, Department of	12,808,233	6,262,075	6,546,158	792,010	4,032,862	0	1,721,286	0
Oilseed Commission	149,734	0	149,734	74,867	74,867	0	0	0
Pea and Lentil Commission	82,928	0	82,928	82,928	0	0	0	0
Potato Commission	556,450	0	556,450	486,598	69,852	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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	2,477,927	164,777	2,313,150	484,859	222,029	218,000	1,388,262	0
Wheat Commission	949,470	0	949,470	925,170	0	0	24,300	0
Illinois	22,577,901	100,000	22,477,901	18,696,017	303,723	3,225,499	252,662	0
Agriculture, Department of	245,309	0	245,309	202,261	0	43,048	0	0
Children and Family Services, Department of	4,060,747	0	4,060,747	4,060,747	0	0	0	0
Nature Preserves Commission	600,000	0	600,000	600,000	0	0	0	0
Nutrient Research and Education Council	4,022,101	0	4,022,101	4,022,101	0	0	0	0
Public Health, Department of	3,182,451	0	3,182,451	0	0	3,182,451	0	0
Transportation, Department of	10,467,293	100,000	10,367,293	9,810,908	303,723	0	252,662	0
Indiana	20,846,823	1,922,247	18,924,576	11,973,376	6,349,391	414,559	187,250	0
Economic Development Corporation	5,959,568	0	5,959,568	0	5,959,568	0	0	0
Natural Resources, Department of	2,577,707	628,594	1,949,113	1,845,351	103,762	0	0	0
Transportation, Department of	12,309,548	1,293,653	11,015,895	10,128,025	286,061	414,559	187,250	0
Iowa	14,187,890	3,032,032	11,155,858	8,152,553	2,972,552	30,753	0	0
Beef Council	377,157	0	377,157	377,157	0	0	0	0
Management, Department of Data; Division of Planning and Improvement	28,152	28,152	0	0	0	0	0	0
Midwest Dairy Association, Iowa Division	58,850	0	58,850	58,850	0	0	0	0
Natural Resources, Department of	4,747,024	3,003,880	1,743,144	1,566,206	146,185	30,753	0	0
Transportation, Department of	8,976,707	0	8,976,707	6,150,340	2,826,367	0	0	0
Kansas	13,101,629	1,979,123	11,122,506	6,026,897	316,130	78,270	4,701,209	0
Corn Commission	354,688	0	354,688	276,418	0	78,270	0	0
Grain Sorghum Commission	710,217	0	710,217	710,217	0	0	0	0
Soybean Commission	1,246,915	0	1,246,915	1,224,075	22,840	0	0	0
State Board of Regents	1,001,643	8,378	993,265	993,265	0	0	0	0
Transportation, Department of	3,035,224	1,004,311	2,030,913	632,862	229,290	0	1,168,761	0
Water Office	4,795,690	966,434	3,829,256	296,808	0	0	3,532,448	0
Wheat Commission	1,402,447	0	1,402,447	1,338,447	64,000	0	0	0
Wildlife and Parks, Department of	554,805	0	554,805	554,805	0	0	0	0
Kentucky	31,621,699	4,188,885	27,432,814	23,694,980	3,462,699	75,135	200,000	0
Economic Development, Cabinet for	2,803,132	0	2,803,132	1,253,487	1,549,645	0	0	0
Fish and Wildlife Resources, Department of	6,754,818	4,188,885	2,565,933	577,744	1,913,054	75,135	0	0
Nature Preserves, Office of Kentucky	26,096	0	26,096	26,096	0	0	0	0
Public Health, Department for	10,125,333	0	10,125,333	10,125,333	0	0	0	0
Soybean Promotion Board	474,917	0	474,917	474,917	0	0	0	0
Transportation Cabinet	11,437,403	0	11,437,403	11,237,403	0	0	200,000	0
Louisiana	25,188,792	3,736,044	21,452,748	17,308,533	3,851,481	0	292,734	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]
Board of Regents	12,919,045	0	12,919,045	12,919,045	0	0	0	0
Coastal Protection and Restoration Authority	4,180,064	418,006	3,762,058	719,927	2,950,397	0	91,734	0
Transportation and Development, Department of	8,089,683	3,318,038	4,771,645	3,669,561	901,084	0	201,000	0
Maine	42,381,231	12,755,250	29,625,981	3,177,286	19,671,800	6,144,981	631,914	0
Agriculture, Conservation and Forestry, Department of	2,042,173	1,627,763	414,410	16,629	397,781	0	0	0
Inland Fisheries and Wildlife, Department of	2,100,000	1,961,655	138,345	59,121	0	79,224	0	0
MDI Biological Laboratory, Center for Biomedical Innovation	10,086,006	8,623,542	1,462,464	1,216,882	0	245,582	0	0
Technology Institute	26,334,548	0	26,334,548	1,335,570	19,178,803	5,820,175	0	0
Transportation, Department of	1,818,504	542,290	1,276,214	549,084	95,216	0	631,914	0
Maryland	47,794,901	278,112	47,516,789	37,587,845	7,458,944	2,400,000	70,000	0
Agriculture, Department of	70,000	0	70,000	0	0	0	70,000	0
Energy Administration	2,400,000	0	2,400,000	0	0	2,400,000	0	0
Health, Department of	15,000,000	0	15,000,000	15,000,000	0	0	0	0
Natural Resources, Department of	780,619	0	780,619	780,619	0	0	0	0
Technology Development Corporation	27,697,618	0	27,697,618	20,238,674	7,458,944	0	0	0
Transportation, Department of	1,846,664	278,112	1,568,552	1,568,552	0	0	0	0
Massachusetts	48,602,573	1,596,605	47,005,968	15,205,757	29,170,037	2,130,174	0	500,000
Clean Energy Technology Center	26,196,211	0	26,196,211	1,678,476	24,017,735	0	0	500,000
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	475,828	154,574	321,254	0	85,126	236,128	0	0
Gaming Commission	1,655,015	264,034	1,390,981	1,003,906	293,597	93,478	0	0
Mental Health, Department of	3,246,962	0	3,246,962	997,919	858,000	1,391,043	0	0
Public Health, Department of	2,371,940	0	2,371,940	2,371,940	0	0	0	0
Technology Park Corporation	5,008,360	0	5,008,360	1,828,197	3,130,638	49,525	0	0
Transportation, Department of	6,867,367	539,034	6,328,333	6,328,333	0	0	0	0
Water Resources Authority	655,000	305,000	350,000	0	0	350,000	0	0
Michigan	18,209,820	207,682	18,002,138	11,752,182	1,483,872	1,249,678	3,434,950	81,456
Agriculture and Rural Development, Department of	6,129,203	0	6,129,203	5,944,397	0	103,350	0	81,456
Environmental, Great Lakes, and Energy, Department of	1,531,418	207,682	1,323,736	793,474	41,842	32,530	455,890	0
Health and Human Services, Department of	151,106	0	151,106	151,106	0	0	0	0
Licensing and Regulatory Affairs	2,578,702	0	2,578,702	1,898,950	0	679,752	0	0
Transportation, Department of	7,819,391	0	7,819,391	2,964,255	1,442,030	434,046	2,979,060	0
Minnesota	35,360,341	7,519,408	27,840,933	19,830,158	4,780,068	112,346	3,118,361	0
Agriculture, Department of	7,266,713	1,822,005	5,444,708	4,732,544	219,636	112,346	380,182	0
Forest Resources Council	249,288	17,800	231,488	231,488	0	0	0	0
Health, Department of	3,300,000	1,800,000	1,500,000	1,500,000	0	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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 Industry, Department of	947,620	820,710	126,910	101,528	25,382	0	0	0
Management and Budget	1,384,087	1,384,087	0	0	0	0	0	0
Midwest Dairy Association, Minnesota Division	290,696	0	290,696	290,696	0	0	0	0
Natural Resources, Department of	1,862,457	1,674,806	187,651	118,533	69,118	0	0	0
Transportation, Department of	20,059,480	0	20,059,480	12,855,369	4,465,932	0	2,738,179	0
Mississippi	12,259,629	1,811,828	10,447,801	5,951,365	644,862	1,512,065	2,118,592	220,917
Agriculture and Commerce, Department of	388,538	0	388,538	388,538	0	0	0	0
Environmental Quality, Department of	1,864,074	0	1,864,074	1,864,074	0	0	0	0
Gulf States Marine Fisheries Commission	1,829,996	0	1,829,996	402,286	407,862	420,923	598,925	0
Marine Resources, Department of	2,355,743	809,321	1,546,422	1,325,505	0	0	0	220,917
Transportation, Department of	3,782,809	175,000	3,607,809	760,000	237,000	1,091,142	1,519,667	0
Wildlife, Fisheries, and Parks, Department of	2,038,469	827,507	1,210,962	1,210,962	0	0	0	0
Missouri	21,642,158	4,291,918	17,350,240	15,816,240	1,230,473	122,251	181,276	0
Agriculture, Department of	803,592	0	803,592	793,963	9,629	0	0	0
Conservation, Department of	6,195,531	2,498,903	3,696,628	2,993,072	400,029	122,251	181,276	0
Economic Development, Department of	9,848,000	0	9,848,000	9,848,000	0	0	0	0
Mental Health, Department of	485,000	0	485,000	485,000	0	0	0	0
Midwest Dairy Association, Missouri Division	37,169	0	37,169	37,169	0	0	0	0
Natural Resources, Department of	1,325,877	1,138,921	186,956	186,956	0	0	0	0
Transportation, Department of	2,292,895	0	2,292,895	1,472,080	820,815	0	0	0
Wine and Grape Board	654,094	654,094	0	0	0	0	0	0
Montana	15,519,383	5,716,477	9,802,906	8,309,568	241,793	589,545	662,000	0
Agriculture, Department of	5,328,115	0	5,328,115	5,328,115	0	0	0	0
Environmental Quality, Department of	328,669	95,363	233,306	178,555	54,751	0	0	0
Fish, Wildlife and Parks, Department of	7,244,541	5,083,311	2,161,230	2,161,230	0	0	0	0
Transportation, Department of	2,618,058	537,803	2,080,255	641,668	187,042	589,545	662,000	0
Nebraska	31,904,735	3,204,418	28,700,317	24,989,655	3,515,059	118,838	65,141	11,624
Agriculture, Department of	953,205	0	953,205	845,285	107,920	0	0	0
Corn Board	867,843	0	867,843	767,843	100,000	0	0	0
Dry Bean Commission	179,434	0	179,434	179,434	0	0	0	0
Economic Development, Department of	3,071,122	0	3,071,122	0	3,071,122	0	0	0
Game and Parks Commission	6,148,061	3,119,978	3,028,083	2,724,132	186,017	98,838	19,096	0
Grain Sorghum Board	4,419	0	4,419	4,419	0	0	0	0
Health and Human Services, Department of	18,316,764	0	18,316,764	18,316,764	0	0	0	0
Natural Resources, Department of	50,000	0	50,000	0	50,000	0	0	0
Pea And Lentil Commission	34,000	0	34,000	34,000	0	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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	1,834,127	84,440	1,749,687	1,712,018	0	0	26,045	11,624
Wheat Board	445,760	0	445,760	405,760	0	20,000	20,000	0
Nevada	11,295,697	530,232	10,765,465	8,039,143	110,497	127,843	2,487,982	0
Agriculture, Department of	189,477	189,477	0	0	0	0	0	0
Conservation and Natural Resources, Department of	4,485,464	340,755	4,144,709	2,797,605	0	33,639	1,313,465	0
Economic Development, Governor's office of	4,173,545	0	4,173,545	4,173,545	0	0	0	0
Transportation, Department of	1,765,966	0	1,765,966	480,952	110,497	0	1,174,517	0
Wildlife, Department of	681,245	0	681,245	587,041	0	94,204	0	0
New Hampshire	576,762	175,159	401,603	288,395	85,258	4,950	23,000	0
Agriculture, Markets and Food, Department of	106,935	0	106,935	78,985	0	4,950	23,000	0
Transportation, Department of	469,827	175,159	294,668	209,410	85,258	0	0	0
New Jersey	92,749,768	3,976,391	88,773,377	55,889,064	11,791,914	20,996,399	96,000	0
Children and Families, Department of	1,995,862	247,714	1,748,148	1,530,802	0	154,346	63,000	0
Corrections, Department of	204,197	204,197	0	0	0	0	0	0
Environmental Protection, Department of	9,057,114	2,622,076	6,435,038	3,754,926	596,112	2,051,000	33,000	0
Health, Department of	57,159,333	0	57,159,333	41,309,090	0	15,850,243	0	0
Pinelands Commission	839,026	832,404	6,622	0	6,622	0	0	0
Science, Innovation, and Technology, Commission on	10,989,386	0	10,989,386	0	10,989,386	0	0	0
Secretary of Higher Education, Office of	6,500,000	0	6,500,000	4,500,000	0	2,000,000	0	0
State Parole Board	70,000	70,000	0	0	0	0	0	0
Transit, NJ	2,494,320	0	2,494,320	2,494,320	0	0	0	0
Transportation, Department of	3,440,530	0	3,440,530	2,299,926	199,794	940,810	0	0
New Mexico	3,505,257	1,310,000	2,195,257	1,958,642	68,873	27,947	139,795	0
Game and Fish, Department of	445,000	360,000	85,000	85,000	0	0	0	0
Transportation, Department of	2,899,507	950,000	1,949,507	1,712,892	68,873	27,947	139,795	0
Western State Air Resources Council	160,750	0	160,750	160,750	0	0	0	0
New York	466,078,608	285,567,190	180,511,418	100,484,075	41,307,723	30,139,595	346,737	8,233,288
Agriculture and Markets, Department of	19,727,681	2,535,000	17,192,681	14,542,336	0	2,650,345	0	0
Economic Development, Department of	64,429,620	0	64,429,620	43,128,660	6,000,000	15,300,960	0	0
Energy Research and Development Authority	53,196,509	8,653,710	44,542,799	2,125,730	34,183,781	0	0	8,233,288
Environmental Conservation, Department of	12,367,556	3,617,457	8,750,099	7,979,362	234,000	190,000	346,737	0
Health, Department of	41,683,667	30,095,699	11,587,968	9,793,680	846,660	947,628	0	0
Mental Health, Office of	148,313,074	124,279,019	24,034,055	20,284,545	43,282	3,706,228	0	0
People with Developmental Disabilities, Office of	2,237,613	2,237,613	0	0	0	0	0	0
Power Authority	9,992,591	2,598,157	7,394,434	50,000	0	7,344,434	0	0
Roswell Park Comprehensive Cancer Center	97,948,317	97,948,317	0	0	0	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]
State Museum	11,458,272	10,988,689	469,583	469,583	0	0	0	0
Thoroughbred Breeding and Development Fund Corporation	422,638	0	422,638	422,638	0	0	0	0
Transportation, Department of	4,301,070	2,613,529	1,687,541	1,687,541	0	0	0	0
North Carolina	40,186,090	17,355,934	22,830,156	15,133,791	7,164,353	8,812	523,200	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	6,571,683	0	6,571,683	3,118,863	3,277,820	0	175,000	0
Environmental Quality, Department of	970,205	965,205	5,000	5,000	0	0	0	0
Natural and Cultural Resources, Department of	2,730,952	2,126,183	604,769	247,757	0	8,812	348,200	0
Science, Technology & Innovation, Office of	3,686,533	0	3,686,533	0	3,686,533	0	0	0
Transportation, Department of	11,479,266	1,049,946	10,429,320	10,429,320	0	0	0	0
Wine and Grape Growers Council	32,851	0	32,851	32,851	0	0	0	0
North Dakota	33,135,450	1,166,823	31,968,627	18,308,017	12,904,600	677,645	78,365	0
Agriculture, Department of	4,752,610	0	4,752,610	61,222	4,453,254	159,769	78,365	0
Dry Pea and Lentil Commission	410,446	0	410,446	410,446	0	0	0	0
Game and Fish, Department of	1,411,708	200,000	1,211,708	818,832	0	392,876	0	0
Historical Society of North Dakota	914,622	914,622	0	0	0	0	0	0
Industrial Commission	22,908,318	0	22,908,318	14,456,972	8,451,346	0	0	0
Transportation, Department of	1,421,818	52,201	1,369,617	1,369,617	0	0	0	0
Wheat Commission	1,315,928	0	1,315,928	1,190,928	0	125,000	0	0
Ohio	79,186,949	2,601,066	76,585,883	22,169,183	53,790,014	261,082	365,604	0
Development, Department of	61,962,573	0	61,962,573	11,051,787	50,910,786	0	0	0
Education and Workforce, Department of	427,000	40,000	387,000	387,000	0	0	0	0
Natural Resources, Department of	7,273,584	2,561,066	4,712,518	4,460,386	15,200	236,932	0	0
Transportation, Department of	8,923,792	0	8,923,792	5,870,010	2,864,028	24,150	165,604	0
Water Development Authority	600,000	0	600,000	400,000	0	0	200,000	0
Oklahoma	34,440,407	916,454	33,523,953	20,494,863	7,702,175	3,373,920	1,952,995	0
Advancement of Science and Technology, Center for the	8,731,011	0	8,731,011	938,836	7,702,175	90,000	0	0
Agriculture, Food, and Forestry, Department of	808,170	0	808,170	808,170	0	0	0	0
Grand River Dam Authority	410,000	250,000	160,000	160,000	0	0	0	0
Health, Department of	1,216,518	394,051	822,467	822,467	0	0	0	0
Tobacco Settlement Endowment Trust	13,670,000	0	13,670,000	10,550,000	0	3,120,000	0	0
Transportation, Department of	5,619,781	272,403	5,347,378	3,394,383	0	0	1,952,995	0
Wildlife Conservation, Department of	3,984,927	0	3,984,927	3,821,007	0	163,920	0	0
Oregon	41,638,564	13,392,374	28,246,190	12,031,989	3,615,064	4,625,173	7,873,964	100,000
Agriculture, Department of	267,183	0	267,183	242,183	25,000	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

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]
Education, Department of	597,442	0	597,442	597,442	0	0	0	0
Fish and Wildlife, Department of	15,196,685	11,524,518	3,672,167	2,520,868	129,802	0	1,021,497	0
Forestry, Department of	650,000	350,000	300,000	200,000	100,000	0	0	0
Geology and Mineral Industries, Department of	973,317	973,317	0	0	0	0	0	0
Transportation, Department of	2,794,030	0	2,794,030	2,771,496	0	0	22,534	0
Water Resources Department	1,195,658	527,258	668,400	0	0	0	668,400	0
Watershed Enhancement Board	7,278,987	17,281	7,261,706	0	0	2,375,173	4,786,533	100,000
Pennsylvania	74,628,718	19,256,559	55,372,159	14,569,956	2,051,630	21,544,994	17,205,579	0
Agriculture, Department of	2,874,868	0	2,874,868	2,555,262	0	319,606	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	2,428,103	497,040	1,931,063	130,675	0	1,800,388	0	0
Environmental Protection, Department of	125,269	39,028	86,241	86,241	0	0	0	0
Fish and Boat Commission	114,623	68,833	45,790	45,790	0	0	0	0
Game Commission	19,077,102	18,517,658	559,444	559,444	0	0	0	0
Health, Department of	21,955,579	0	21,955,579	3,850,000	1,400,000	0	16,705,579	0
Susquehanna River Basin Commission	134,000	134,000	0	0	0	0	0	0
Transportation, Department of	2,394,174	0	2,394,174	1,242,544	651,630	0	500,000	0
Rhode Island	5,817,932	352,850	5,465,082	3,424,971	1,370,442	669,669	0	0
Commerce Corporation	1,139,521	0	1,139,521	0	1,139,521	0	0	0
Fish and Wildlife; Environmental Management, Department of	2,994,585	0	2,994,585	2,994,585	0	0	0	0
Marine Fisheries; Environmental Management, Department of	199,465	0	199,465	199,465	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	1,212,333	80,822	1,131,511	230,921	230,921	669,669	0	0
South Carolina	60,332,935	36,414,738	23,918,197	9,796,578	1,017,209	12,364,835	329,673	409,902
Agriculture and Natural Resources, Department of	1,506,065	0	1,506,065	1,463,856	42,209	0	0	0
Behavioral Health and Developmental Disabilities, Department of	12,179,800	0	12,179,800	0	0	12,179,800	0	0
Commerce, Department of	2,444,612	0	2,444,612	2,444,612	0	0	0	0
Natural Resources, Department of	33,075,951	32,384,312	691,639	531,612	0	31,063	128,964	0
Public Health, Department of	734,034	734,034	0	0	0	0	0	0
Public Service Authority	510,813	70,911	439,902	30,000	0	0	0	409,902
Research Authority	2,470,387	0	2,470,387	1,495,387	975,000	0	0	0
Sea Grant Consortium	5,680,306	3,018,975	2,661,331	2,380,348	0	153,972	127,011	0
Transportation, Department of	1,730,967	206,506	1,524,461	1,450,763	0	0	73,698	0
South Dakota	6,800,916	339,154	6,461,762	4,546,239	1,128,059	580,000	207,464	0
Agriculture and Natural Resources, Department of	1,110,799	0	1,110,799	1,110,799	0	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]
Corn Utilization Council	50,000	0	50,000	0	0	50,000	0	0
Economic Development, Governor's office of	548,450	0	548,450	0	48,450	500,000	0	0
Midwest Dairy Association, South Dakota Division	108,284	0	108,284	108,284	0	0	0	0
Nutrient Research and Education Council	1,052,089	0	1,052,089	1,005,610	46,479	0	0	0
Oilseeds Council	171,910	0	171,910	111,910	30,000	30,000	0	0
Pulse Crop Council	34,000	0	34,000	34,000	0	0	0	0
Soybean Research and Promotion Council	902,776	15,675	887,101	679,637	0	0	207,464	0
Transportation, Department of	2,008,660	323,479	1,685,181	682,051	1,003,130	0	0	0
Weed and Pest Control Commission	50,000	0	50,000	50,000	0	0	0	0
Wheat Commission	763,948	0	763,948	763,948	0	0	0	0
Tennessee	136,998,540	273,196	136,725,344	75,735,434	59,961,340	5,280	1,023,290	0
Agriculture, Department of	7,548,870	0	7,548,870	7,548,870	0	0	0	0
Economic and Community Development, Department of	55,000,000	0	55,000,000	55,000,000	0	0	0	0
Education, Department of	59,109,098	0	59,109,098	7,172,081	50,913,727	0	1,023,290	0
Environment and Conservation, Department of	595,172	231,351	363,821	343,495	15,046	5,280	0	0
LaunchTN	10,000,000	0	10,000,000	1,000,000	9,000,000	0	0	0
Transportation, Department of	4,525,164	41,845	4,483,319	4,483,319	0	0	0	0
Wildlife Resources Agency	220,236	0	220,236	187,669	32,567	0	0	0
Texas	299,999,621	527,919	299,471,702	216,815,684	78,874,683	575,905	3,205,430	0
Agriculture, Department of	519,802	0	519,802	369,802	0	150,000	0	0
Alzheimer's Research and Care Consortium	7,000,000	0	7,000,000	7,000,000	0	0	0	0
Animal Health Commission	242,717	96,155	146,562	146,562	0	0	0	0
Cancer Prevention and Research Institute	256,340,967	0	256,340,967	179,818,309	76,522,658	0	0	0
Environmental Quality, Commission on	2,766,704	62,874	2,703,830	2,393,375	242,542	67,913	0	0
Parks and Wildlife Department	4,541,473	368,890	4,172,583	3,489,645	0	357,992	324,946	0
Transportation, Department of	23,682,426	0	23,682,426	22,770,368	0	0	912,058	0
Water Development Board	4,905,532	0	4,905,532	827,623	2,109,483	0	1,968,426	0
Utah	26,033,161	8,444,401	17,588,760	14,319,306	1,269,454	2,000,000	0	0
Economic Opportunity Commission	15,100,000	0	15,100,000	12,800,000	300,000	2,000,000	0	0
Environmental Quality, Department of	836,479	537,083	299,396	173,650	125,746	0	0	0
Natural Resources, Department of	6,581,154	6,581,154	0	0	0	0	0	0
Transportation, Department of	3,515,528	1,326,164	2,189,364	1,345,656	843,708	0	0	0
Vermont	915,594	427,547	488,047	188,603	299,444	0	0	0
Agriculture, Food, and Markets, Agency of	141,945	0	141,945	0	141,945	0	0	0
Transportation, Agency of	773,649	427,547	346,102	188,603	157,499	0	0	0
Virginia	58,638,682	18,335,191	40,303,491	25,648,485	11,046,699	1,253,024	2,355,283	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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 and Consumer Services, Department of	3,159,457	0	3,159,457	2,526,651	0	632,806	0	0
Commonwealth Health Research Board	1,497,957	0	1,497,957	1,497,957	0	0	0	0
Education, Department of	750,000	500,000	250,000	250,000	0	0	0	0
Energy, Department of	2,566,775	1,788,430	778,345	345,938	0	336,407	96,000	0
Environmental Quality, Department of	324,561	51,858	272,703	118,702	0	0	154,001	0
Forensic Science, Department of	1,416,562	1,416,562	0	0	0	0	0	0
Forestry, Department of	987,082	987,082	0	0	0	0	0	0
Foundation for Healthy Youth	1,746,155	0	1,746,155	957,431	788,724	0	0	0
Innovation Partnership Authority	18,763,908	1,291,369	17,472,539	7,407,185	9,940,354	125,000	0	0
Marine Resources Commission	2,399,369	294,087	2,105,282	0	0	0	2,105,282	0
Natural History, Museum of	1,212,900	1,212,900	0	0	0	0	0	0
Social Services, Department of	1,210,000	1,210,000	0	0	0	0	0	0
Transportation, Department of	20,710,938	9,139,825	11,571,113	11,571,113	0	0	0	0
Veterans Services, Department of	10,000	10,000	0	0	0	0	0	0
Wildlife Resources, Department of	1,883,018	433,078	1,449,940	973,508	317,621	158,811	0	0
Washington	79,481,363	35,267,390	44,213,973	20,480,055	9,867,242	4,579,064	6,208,410	3,079,202
Agriculture, Department of	6,069,359	0	6,069,359	3,663,666	1,255,985	380,694	769,014	0
Alfalfa Seed Commission	17,000	0	17,000	17,000	0	0	0	0
Asparagus Commission	27,000	0	27,000	0	27,000	0	0	0
Beef Commission	25,000	0	25,000	25,000	0	0	0	0
Blueberry Commission	224,102	0	224,102	172,298	51,804	0	0	0
Commerce, Department of	7,662,136	0	7,662,136	0	4,250,934	332,000	0	3,079,202
Cranberry Commission	6,600	0	6,600	0	6,600	0	0	0
Dairy Products Commission	22,652	0	22,652	0	0	22,652	0	0
Ecology, Department of	10,250,771	3,125,939	7,124,832	1,680,140	1,185,058	2,170,230	2,089,404	0
Fish and Wildlife, Department of	20,787,065	19,691,288	1,095,777	196,602	0	885,139	14,036	0
Grain Commission	2,329,500	0	2,329,500	2,037,091	0	0	292,409	0
Health, Department of	1,485,000	1,411,000	74,000	74,000	0	0	0	0
Hop Commission	121,394	0	121,394	77,946	43,448	0	0	0
Labor and Industries, Department of	4,704,538	4,704,538	0	0	0	0	0	0
Mint Commission	42,659	0	42,659	42,659	0	0	0	0
Natural Resources, Department of	7,569,228	3,513,633	4,055,595	1,779,454	38,245	775,349	1,462,547	0
Oilseeds Commission	252,074	0	252,074	234,124	17,950	0	0	0
Potato Commission	880,588	0	880,588	614,412	72,000	0	194,176	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	207,216	0	207,216	207,216	0	0	0	0

Table 19. State agency expenditures for R&D, by state department or agency and performer: FY 2025

(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]
Red Raspberry Commission	289,288	0	289,288	142,180	124,108	13,000	10,000	0
Transportation, Department of	6,863,124	2,133,289	4,729,835	4,653,460	76,375	0	0	0
Tree Fruit Research Commission	5,481,432	572,703	4,908,729	2,914,170	1,817,735	0	176,824	0
Turfgrass Seed Commission	65,684	0	65,684	65,684	0	0	0	0
Wine Commission	382,953	0	382,953	382,953	0	0	0	0
West Virginia	11,732,040	6,261,546	5,470,494	5,270,829	27,821	121,844	0	50,000
Geological and Economic Survey	4,619,441	4,179,056	440,385	390,385	0	0	0	50,000
Higher Education Policy Commission	4,077,557	29,145	4,048,412	4,026,412	12,000	10,000	0	0
Natural Resources, Division of	2,630,130	2,053,345	576,785	449,120	15,821	111,844	0	0
Transportation, Department of	404,912	0	404,912	404,912	0	0	0	0
Wisconsin	10,684,964	4,968,929	5,716,035	3,064,891	679,368	0	1,971,776	0
Agriculture, Trade and Consumer Protection, Department of	703,261	0	703,261	703,261	0	0	0	0
Natural Resources, Department of	5,702,965	4,606,282	1,096,683	1,081,110	15,573	0	0	0
Transportation, Department of	4,278,738	362,647	3,916,091	1,280,520	663,795	0	1,971,776	0
Wyoming	8,514,602	2,674,472	5,840,130	2,265,173	3,244,085	79,821	251,051	0
Agriculture, Department of	616,635	0	616,635	226,997	101,766	59,821	228,051	0
Business Council	1,130,000	0	1,130,000	0	1,130,000	0	0	0
Enhanced Oil Recovery Institute	2,399,471	374,063	2,025,408	43,289	1,982,119	0	0	0
Game and Fish Department	659,609	0	659,609	586,409	30,200	20,000	23,000	0
State Geological Survey	2,204,328	2,204,328	0	0	0	0	0	0
Transportation, Department of	1,135,561	96,081	1,039,480	1,039,480	0	0	0	0
Water Development Office	368,998	0	368,998	368,998	0	0	0	0
Puerto Rico[h]	44,071,899	25,462,725	18,609,174	4,238,229	3,607,004	5,056,250	5,707,691	0
Agriculture, Department of	116,857	0	116,857	116,857	0	0	0	0
Economic Development and Commerce, Department of	6,380,000	0	6,380,000	0	1,380,000	5,000,000	0	0
Comprehensive Cancer Center	24,064,872	14,088,290	9,976,582	2,466,887	1,802,004	0	5,707,691	0
Health, Department of	425,000	425,000	0	0	0	0	0	0
Institute of Statistics	2,433,435	2,433,435	0	0	0	0	0	0
Science, Technology and Research Trust	10,651,735	8,516,000	2,135,735	1,654,485	425,000	56,250	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 city, county, regional, township, or other 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 2025.

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
United States[b]	3,476,670,445	196,197,259	600,440,540	660,117,345	1,461,441,705	310,673,794	247,799,802
Alabama	60,874,158	395,527	903,986	40,638,481	4,729,955	4,064,589	10,141,620
Commerce, Department of	34,270,133	0	0	30,419,633	3,850,500	0	0
Conservation and Natural Resources, Department of	2,747,738	0	0	2,747,738	0	0	0
Economic and Community Affairs, Department of	1,945,552	395,527	157,009	384,783	879,455	0	128,778
Education, Department of	5,325,450	0	0	0	0	0	5,325,450
Forensic Sciences, Department of	257,392	0	0	0	0	0	257,392
Geological Survey	3,966,448	0	746,977	3,219,471	0	0	0
Marine Environmental Science Consortium, Dauphin Island Sea Lab	3,866,856	0	0	3,866,856	0	0	0
Supercomputer Authority	4,430,000	0	0	0	0	0	4,430,000
Transportation, Department of	4,064,589	0	0	0	0	4,064,589	0
Alaska	22,105,955	0	1,007,582	15,040,927	249,285	5,808,161	0
Energy Authority	507,582	0	507,582	0	0	0	0
Environmental Conservation, Department of	249,285	0	0	0	249,285	0	0
Housing Finance Corporation	500,000	0	500,000	0	0	0	0
Natural Resources, Department of; Division of Geological and Geophysical Surveys	15,020,927	0	0	15,020,927	0	0	0
Railroad Corporation	1,492,861	0	0	0	0	1,492,861	0
Seafood Marketing Institute	20,000	0	0	20,000	0	0	0
Transportation and Public Facilities, Department of	4,315,300	0	0	0	0	4,315,300	0
Arizona	21,891,068	1,483,740	0	1,614,335	16,984,026	1,681,835	127,132
Agriculture, Department of	1,561,121	1,483,740	0	77,381	0	0	0
Game and Fish Department	1,536,954	0	0	1,536,954	0	0	0
Health Services, Department of	16,984,026	0	0	0	16,984,026	0	0
Juvenile Corrections, Department of	127,132	0	0	0	0	0	127,132
Transportation, Department of	1,681,835	0	0	0	0	1,681,835	0
Arkansas	13,406,865	7,451,275	0	2,408,289	0	666,626	2,880,675
Corn and Grain Sorghum Promotion Board	1,100,000	1,100,000	0	0	0	0	0
Economic Development Commission	2,880,675	0	0	0	0	0	2,880,675
Game and Fish Commission	2,338,774	0	0	2,338,774	0	0	0
Natural Heritage Commission	69,515	0	0	69,515	0	0	0
Rice Research and Promotion Board	3,000,000	3,000,000	0	0	0	0	0
Soybean Promotion Board	3,351,275	3,351,275	0	0	0	0	0
Transportation, Department of	666,626	0	0	0	0	666,626	0
California	907,649,560	11,337,552	396,464,491	76,005,933	398,041,862	22,473,427	3,326,295
Air Resources Board	21,028,219	0	0	21,028,219	0	0	0
Conservation, Department of	3,180,341	0	0	2,461,044	0	0	719,297
Covered California	11,213,289	0	0	0	11,213,289	0	0
Dairy Council	100,000	0	0	0	100,000	0	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Delta Stewardship Council	2,925,832	0	0	2,925,832	0	0	0
Earthquake Authority	38,895	0	0	0	0	0	38,895
Emergency Services Governor's Office	1,018,264	0	0	0	0	369,437	648,827
Energy Commission	343,660,477	0	343,660,477	0	0	0	0
Environmental Health Hazard Assessment, Office of	20,474,543	0	0	0	20,474,543	0	0
Food and Agriculture, Department of	5,788,292	5,788,292	0	0	0	0	0
Forestry and Fire Protection, Department of	14,178,000	0	0	14,178,000	0	0	0
Horse Racing Board	1,041,243	1,041,243	0	0	0	0	0
Housing and Community Development, Department of	1,919,276	0	0	0	0	0	1,919,276
Institute for Regenerative Medicine	341,266,423	0	0	0	341,266,423	0	0
Motor Vehicles, Department of	2,248,969	0	0	0	2,248,969	0	0
Parks And Recreation, Department of	3,229,516	0	0	3,229,516	0	0	0
Pesticide Regulation, Department of	22,307,548	4,508,017	0	3,712,611	14,086,920	0	0
Public Health, Department of	8,229,485	0	0	0	8,229,485	0	0
Public Utilities Commission, Executive Division	52,804,014	0	52,804,014	0	0	0	0
San Diego River Conservancy	5,046,165	0	0	5,046,165	0	0	0
State Coastal Conservancy	458,648	0	0	458,648	0	0	0
State Water Resources Control Board	10,377,245	0	0	9,955,012	422,233	0	0
Transportation, Department of	22,103,990	0	0	0	0	22,103,990	0
Water Resources, Department of	13,010,886	0	0	13,010,886	0	0	0
Colorado	41,286,271	1,264,128	1,951,750	17,791,047	5,427,583	6,258,600	8,593,163
Agriculture, Department of	1,379,371	455,956	0	522,430	400,985	0	0
Economic Development and International Trade, Office of	15,317,275	475,900	1,318,750	1,110,750	4,478,625	650,000	7,283,250
Higher Education Competitive Research Authority	2,105,950	0	633,000	97,950	0	400,000	975,000
Labor and Employment, Department of	329,913	0	0	0	0	0	329,913
Natural Resources, Department of	7,966,291	0	0	7,966,291	0	0	0
Public Health and Environment, Department of	8,641,599	0	0	8,093,626	547,973	0	0
Transportation, Department of	5,208,600	0	0	0	0	5,208,600	0
Wine Industry Development Board	337,272	332,272	0	0	0	0	5,000
Connecticut	60,092,992	5,285,412	5,235,830	12,526,078	21,090,241	3,984,080	11,971,351
Agricultural Experiment Station	15,286,983	5,285,412	0	4,503,043	5,498,528	0	0
Energy and Environmental Protection, Department of	7,989,941	0	0	7,989,941	0	0	0
Innovation Inc.	23,961,410	0	5,235,830	0	7,720,817	0	11,004,763
Mental Health and Addiction Services, Department of	7,870,896	0	0	0	7,870,896	0	0
Social Services, Department of	966,588	0	0	0	0	0	966,588
Transportation, Department of	4,017,174	0	0	33,094	0	3,984,080	0
Delaware	3,344,546	64,660	60,416	2,278,679	0	940,791	0
Geological Survey	1,842,951	0	0	1,842,951	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Natural Resources and Environmental Control, Department of	435,728	0	0	435,728	0	0	0
Sustainable Energy Utility	125,076	64,660	60,416	0	0	0	0
Transportation, Department of	940,791	0	0	0	0	940,791	0
District of Columbia	8,841,911	0	0	2,042,707	6,192,030	607,174	0
Energy and Environment, Department of	542,707	0	0	542,707	0	0	0
Health, Department of	6,192,030	0	0	0	6,192,030	0	0
Transportation, Department of	607,174	0	0	0	0	607,174	0
Water and Sewer Authority	1,500,000	0	0	1,500,000	0	0	0
Florida	295,723,845	27,572,068	0	80,751,884	170,722,086	16,677,807	0
Agriculture and Consumer Services, Department of	33,901,119	25,000,868	0	8,232,047	668,204	0	0
Citrus, Department of	2,801,033	2,571,200	0	0	229,833	0	0
Fish and Wildlife Conservation Commission	72,519,837	0	0	72,519,837	0	0	0
Health, Department of	169,824,049	0	0	0	169,824,049	0	0
Space Florida	695,000	0	0	0	0	695,000	0
Transportation, Department of	15,982,807	0	0	0	0	15,982,807	0
Georgia	29,453,124	4,313,528	13,769,971	3,332,682	0	8,036,943	0
Commodity Commission, Agriculture, Department of	4,313,528	4,313,528	0	0	0	0	0
Natural Resources, Department of	2,956,228	0	0	2,956,228	0	0	0
Southern States Energy Board	14,146,425	0	13,769,971	376,454	0	0	0
Transportation, Department of	8,036,943	0	0	0	0	8,036,943	0
Hawaii	7,444,283	810,286	1,931,242	984,313	108,115	2,922,867	687,460
Agriculture and Biosecurity, Department of	724,572	539,572	35,000	150,000	0	0	0
Business, Economic Development, and Tourism, Department of	3,003,362	249,830	1,896,242	61,715	108,115	0	687,460
Land and Natural Resources, Department of	793,482	20,884	0	772,598	0	0	0
Transportation, Department of	2,922,867	0	0	0	0	2,922,867	0
Idaho	19,983,742	4,697,582	0	12,808,233	0	2,477,927	0
Barley Commission	294,000	294,000	0	0	0	0	0
Dairy West	2,665,000	2,665,000	0	0	0	0	0
Fish and Game, Department of	12,808,233	0	0	12,808,233	0	0	0
Oilseed Commission	149,734	149,734	0	0	0	0	0
Pea and Lentil Commission	82,928	82,928	0	0	0	0	0
Potato Commission	556,450	556,450	0	0	0	0	0
Transportation Department	2,477,927	0	0	0	0	2,477,927	0
Wheat Commission	949,470	949,470	0	0	0	0	0
Illinois	22,577,901	245,309	272,719	5,115,824	3,182,451	9,051,012	4,710,586
Agriculture, Department of	245,309	245,309	0	0	0	0	0
Children and Family Services, Department of	4,060,747	0	0	0	0	0	4,060,747
Nature Preserves Commission	600,000	0	0	600,000	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Nutrient Research and Education Council	4,022,101	0	0	4,022,101	0	0	0
Public Health, Department of	3,182,451	0	0	0	3,182,451	0	0
Transportation, Department of	10,467,293	0	272,719	493,723	0	9,051,012	649,839
Indiana	20,846,823	425,794	270,509	2,151,913	0	13,168,923	4,829,684
Economic Development Corporation	5,959,568	0	270,509	0	0	859,375	4,829,684
Natural Resources, Department of	2,577,707	425,794	0	2,151,913	0	0	0
Transportation, Department of	12,309,548	0	0	0	0	12,309,548	0
Iowa	14,187,890	436,007	0	4,747,024	0	8,976,707	28,152
Beef Council	377,157	377,157	0	0	0	0	0
Management, Department of Data; Division of Planning and Improvement	28,152	0	0	0	0	0	28,152
Midwest Dairy Association, Iowa Division	58,850	58,850	0	0	0	0	0
Natural Resources, Department of	4,747,024	0	0	4,747,024	0	0	0
Transportation, Department of	8,976,707	0	0	0	0	8,976,707	0
Kansas	13,101,629	4,037,793	153,634	4,873,335	0	3,035,224	1,001,643
Corn Commission	354,688	354,688	0	0	0	0	0
Grain Sorghum Commission	710,217	710,217	0	0	0	0	0
Soybean Commission	1,246,915	1,070,441	153,634	22,840	0	0	0
State Board of Regents	1,001,643	0	0	0	0	0	1,001,643
Transportation, Department of	3,035,224	0	0	0	0	3,035,224	0
Water Office	4,795,690	500,000	0	4,295,690	0	0	0
Wheat Commission	1,402,447	1,402,447	0	0	0	0	0
Wildlife and Parks, Department of	554,805	0	0	554,805	0	0	0
Kentucky	31,621,699	674,677	1,603,478	6,780,914	10,625,297	11,537,403	399,930
Economic Development, Cabinet for	2,803,132	199,760	1,603,478	0	499,964	100,000	399,930
Fish and Wildlife Resources, Department of	6,754,818	0	0	6,754,818	0	0	0
Nature Preserves, Office of Kentucky	26,096	0	0	26,096	0	0	0
Public Health, Department for	10,125,333	0	0	0	10,125,333	0	0
Soybean Promotion Board	474,917	474,917	0	0	0	0	0
Transportation Cabinet	11,437,403	0	0	0	0	11,437,403	0
Louisiana	25,188,792	513,447	964,318	4,845,296	918,740	8,089,683	9,857,308
Board of Regents	12,919,045	513,447	964,318	665,232	918,740	0	9,857,308
Coastal Protection and Restoration Authority	4,180,064	0	0	4,180,064	0	0	0
Transportation and Development, Department of	8,089,683	0	0	0	0	8,089,683	0
Maine	42,381,231	6,857,851	442,395	14,650,689	12,134,928	1,818,504	6,476,864
Agriculture, Conservation and Forestry, Department of	2,042,173	208,492	0	1,833,681	0	0	0
Inland Fisheries and Wildlife, Department of	2,100,000	0	0	2,100,000	0	0	0
MDI Biological Laboratory, Center for Biomedical Innovation	10,086,006	0	0	169,974	9,916,032	0	0
Technology Institute	26,334,548	6,649,359	442,395	10,547,034	2,218,896	0	6,476,864

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Transportation, Department of	1,818,504	0	0	0	0	1,818,504	0
Maryland	47,794,901	159,555	2,641,048	450,016	42,697,618	1,846,664	0
Agriculture, Department of	70,000	70,000	0	0	0	0	0
Energy Administration	2,400,000	0	2,400,000	0	0	0	0
Health, Department of	15,000,000	0	0	0	15,000,000	0	0
Natural Resources, Department of	780,619	89,555	241,048	450,016	0	0	0
Technology Development Corporation	27,697,618	0	0	0	27,697,618	0	0
Transportation, Department of	1,846,664	0	0	0	0	1,846,664	0
Massachusetts	48,602,573	0	21,922,502	6,882,030	7,639,858	6,867,367	5,290,816
Clean Energy Technology Center	26,196,211	0	21,922,502	3,773,709	0	0	500,000
Environmental Protection, Department of	2,125,890	0	0	2,125,890	0	0	0
Fish and Game, Department of	475,828	0	0	475,828	0	0	0
Gaming Commission	1,655,015	0	0	0	1,521,056	0	133,959
Mental Health, Department of	3,246,962	0	0	0	3,246,962	0	0
Public Health, Department of	2,371,940	0	0	0	2,371,940	0	0
Technology Park Corporation	5,008,360	0	0	156,603	194,900	0	4,656,857
Transportation, Department of	6,867,367	0	0	0	0	6,867,367	0
Water Resources Authority	655,000	0	0	350,000	305,000	0	0
Michigan	18,209,820	6,099,791	0	1,560,830	2,729,808	7,819,391	0
Agriculture and Rural Development, Department of	6,129,203	6,099,791	0	29,412	0	0	0
Environmental, Great Lakes, and Energy, Department of	1,531,418	0	0	1,531,418	0	0	0
Health and Human Services, Department of	151,106	0	0	0	151,106	0	0
Licensing and Regulatory Affairs	2,578,702	0	0	0	2,578,702	0	0
Transportation, Department of	7,819,391	0	0	0	0	7,819,391	0
Minnesota	35,360,341	5,447,877	0	6,809,843	4,227,338	17,470,914	1,404,369
Agriculture, Department of	7,266,713	5,157,181	0	2,109,532	0	0	0
Forest Resources Council	249,288	0	0	249,288	0	0	0
Health, Department of	3,300,000	0	0	0	3,300,000	0	0
Labor and Industry, Department of	947,620	0	0	0	0	0	947,620
Management and Budget	1,384,087	0	0	0	927,338	0	456,749
Midwest Dairy Association, Minnesota Division	290,696	290,696	0	0	0	0	0
Natural Resources, Department of	1,862,457	0	0	1,862,457	0	0	0
Transportation, Department of	20,059,480	0	0	2,588,566	0	17,470,914	0
Mississippi	12,259,629	1,231,340	0	7,245,480	0	3,782,809	0
Agriculture and Commerce, Department of	388,538	388,538	0	0	0	0	0
Environmental Quality, Department of	1,864,074	0	0	1,864,074	0	0	0
Gulf States Marine Fisheries Commission	1,829,996	842,802	0	987,194	0	0	0
Marine Resources, Department of	2,355,743	0	0	2,355,743	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Transportation, Department of	3,782,809	0	0	0	0	3,782,809	0
Wildlife, Fisheries, and Parks, Department of	2,038,469	0	0	2,038,469	0	0	0
Missouri	21,642,158	1,441,496	0	7,574,767	6,259,000	2,292,895	4,074,000
Agriculture, Department of	803,592	750,233	0	53,359	0	0	0
Conservation, Department of	6,195,531	0	0	6,195,531	0	0	0
Economic Development, Department of	9,848,000	0	0	0	5,774,000	0	4,074,000
Mental Health, Department of	485,000	0	0	0	485,000	0	0
Midwest Dairy Association, Missouri Division	37,169	37,169	0	0	0	0	0
Natural Resources, Department of	1,325,877	0	0	1,325,877	0	0	0
Transportation, Department of	2,292,895	0	0	0	0	2,292,895	0
Wine and Grape Board	654,094	654,094	0	0	0	0	0
Montana	15,519,383	5,328,115	0	7,573,210	0	2,618,058	0
Agriculture, Department of	5,328,115	5,328,115	0	0	0	0	0
Environmental Quality, Department of	328,669	0	0	328,669	0	0	0
Fish, Wildlife and Parks, Department of	7,244,541	0	0	7,244,541	0	0	0
Transportation, Department of	2,618,058	0	0	0	0	2,618,058	0
Nebraska	31,904,735	4,251,381	0	6,318,660	19,046,691	1,822,503	465,500
Agriculture, Department of	953,205	953,205	0	0	0	0	0
Corn Board	867,843	771,868	0	95,975	0	0	0
Dry Bean Commission	179,434	179,434	0	0	0	0	0
Economic Development, Department of	3,071,122	1,862,695	0	13,000	729,927	0	465,500
Game and Parks Commission	6,148,061	0	0	6,148,061	0	0	0
Grain Sorghum Board	4,419	4,419	0	0	0	0	0
Health and Human Services, Department of	18,316,764	0	0	0	18,316,764	0	0
Natural Resources, Department of	50,000	0	0	50,000	0	0	0
Pea And Lentil Commission	34,000	34,000	0	0	0	0	0
Transportation, Department of	1,834,127	0	0	11,624	0	1,822,503	0
Wheat Board	445,760	445,760	0	0	0	0	0
Nevada	11,295,697	189,477	0	6,272,514	0	1,454,979	3,378,727
Agriculture, Department of	189,477	189,477	0	0	0	0	0
Conservation and Natural Resources, Department of	4,485,464	0	0	4,485,464	0	0	0
Economic Development, Governor's office of	4,173,545	0	0	794,818	0	0	3,378,727
Transportation, Department of	1,765,966	0	0	310,987	0	1,454,979	0
Wildlife, Department of	681,245	0	0	681,245	0	0	0
New Hampshire	576,762	83,935	0	23,000	0	469,827	0
Agriculture, Markets and Food, Department of	106,935	83,935	0	23,000	0	0	0
Transportation, Department of	469,827	0	0	0	0	469,827	0
New Jersey	92,749,768	939,291	3,273,399	9,353,494	61,650,448	6,099,278	11,433,858

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Children and Families, Department of	1,995,862	0	0	0	0	0	1,995,862
Corrections, Department of	204,197	0	0	0	0	0	204,197
Environmental Protection, Department of	9,057,114	0	0	8,399,468	657,646	0	0
Health, Department of	57,159,333	0	0	0	57,159,333	0	0
Pinelands Commission	839,026	0	0	839,026	0	0	0
Science, Innovation, and Technology, Commission on	10,989,386	939,291	3,273,399	115,000	3,833,469	164,428	2,663,799
Secretary of Higher Education, Office of	6,500,000	0	0	0	0	0	6,500,000
State Parole Board	70,000	0	0	0	0	0	70,000
Transit, NJ	2,494,320	0	0	0	0	2,494,320	0
Transportation, Department of	3,440,530	0	0	0	0	3,440,530	0
New Mexico	3,505,257	0	0	745,545	0	2,642,762	116,950
Game and Fish, Department of	445,000	0	0	445,000	0	0	0
Transportation, Department of	2,899,507	0	0	139,795	0	2,642,762	116,950
Western State Air Resources Council	160,750	0	0	160,750	0	0	0
New York	466,078,608	21,697,543	64,222,890	34,712,173	297,030,353	4,512,179	43,903,470
Agriculture and Markets, Department of	19,727,681	19,155,608	0	572,073	0	0	0
Economic Development, Department of	64,429,620	1,550,000	6,237,225	4,000,000	8,806,958	0	43,835,437
Energy Research and Development Authority	53,196,509	0	49,560,692	3,562,156	0	73,661	0
Environmental Conservation, Department of	12,367,556	0	0	12,367,556	0	0	0
Health, Department of	41,683,667	274,897	0	1,649,379	39,759,391	0	0
Mental Health, Office of	148,313,074	0	0	0	148,313,074	0	0
People with Developmental Disabilities, Office of	2,237,613	0	0	0	2,187,613	0	50,000
Power Authority	9,992,591	294,400	8,424,973	1,102,737	15,000	137,448	18,033
Roswell Park Comprehensive Cancer Center	97,948,317	0	0	0	97,948,317	0	0
State Museum	11,458,272	0	0	11,458,272	0	0	0
Thoroughbred Breeding and Development Fund Corporation	422,638	422,638	0	0	0	0	0
Transportation, Department of	4,301,070	0	0	0	0	4,301,070	0
North Carolina	40,186,090	13,949,951	1,719,136	5,410,899	7,868,028	9,894,524	1,343,552
Agriculture and Consumer Services, Department of	14,714,600	13,214,600	1,500,000	0	0	0	0
Biotechnology Center	6,571,683	500,000	0	0	6,071,683	0	0
Environmental Quality, Department of	970,205	0	0	970,205	0	0	0
Natural and Cultural Resources, Department of	2,730,952	0	0	2,730,952	0	0	0
Science, Technology & Innovation, Office of	3,686,533	212,500	219,136	125,000	1,796,345	0	1,333,552
Transportation, Department of	11,479,266	0	0	1,584,742	0	9,894,524	0
Wine and Grape Growers Council	32,851	22,851	0	0	0	0	10,000
North Dakota	33,135,450	2,224,713	22,908,318	1,411,708	4,254,271	1,421,818	914,622
Agriculture, Department of	4,752,610	498,339	0	0	4,254,271	0	0
Dry Pea and Lentil Commission	410,446	410,446	0	0	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Game and Fish, Department of	1,411,708	0	0	1,411,708	0	0	0
Historical Society of North Dakota	914,622	0	0	0	0	0	914,622
Industrial Commission	22,908,318	0	22,908,318	0	0	0	0
Transportation, Department of	1,421,818	0	0	0	0	1,421,818	0
Wheat Commission	1,315,928	1,315,928	0	0	0	0	0
Ohio	79,186,949	0	984,181	65,195,422	0	8,923,792	4,083,554
Development, Department of	61,962,573	0	947,051	57,358,968	0	0	3,656,554
Education and Workforce, Department of	427,000	0	0	0	0	0	427,000
Natural Resources, Department of	7,273,584	0	37,130	7,236,454	0	0	0
Transportation, Department of	8,923,792	0	0	0	0	8,923,792	0
Water Development Authority	600,000	0	0	600,000	0	0	0
Oklahoma	34,440,407	808,170	2,674,572	5,103,908	18,120,029	5,669,981	2,063,747
Advancement of Science and Technology, Center for the	8,731,011	0	2,674,572	708,981	3,233,511	50,200	2,063,747
Agriculture, Food, and Forestry, Department of	808,170	808,170	0	0	0	0	0
Grand River Dam Authority	410,000	0	0	410,000	0	0	0
Health, Department of	1,216,518	0	0	0	1,216,518	0	0
Tobacco Settlement Endowment Trust	13,670,000	0	0	0	13,670,000	0	0
Transportation, Department of	5,619,781	0	0	0	0	5,619,781	0
Wildlife Conservation, Department of	3,984,927	0	0	3,984,927	0	0	0
Oregon	41,638,564	558,850	3,516,670	26,813,538	5,501,925	3,400,139	1,847,442
Agriculture, Department of	267,183	267,183	0	0	0	0	0
Business Development Department	12,685,262	291,667	3,516,670	1,000,000	5,501,925	1,125,000	1,250,000
Education, Department of	597,442	0	0	0	0	0	597,442
Fish and Wildlife, Department of	15,196,685	0	0	15,196,685	0	0	0
Forestry, Department of	650,000	0	0	650,000	0	0	0
Geology and Mineral Industries, Department of	973,317	0	0	973,317	0	0	0
Transportation, Department of	2,794,030	0	0	518,891	0	2,275,139	0
Water Resources Department	1,195,658	0	0	1,195,658	0	0	0
Watershed Enhancement Board	7,278,987	0	0	7,278,987	0	0	0
Pennsylvania	74,628,718	5,549,868	1,888,416	23,503,953	32,140,277	4,569,550	6,976,654
Agriculture, Department of	2,874,868	2,874,868	0	0	0	0	0
Community and Economic Development, Department of	25,525,000	2,675,000	1,802,175	1,750,125	10,145,670	2,175,376	6,976,654
Conservation and Natural Resources, Department of	2,428,103	0	0	2,428,103	0	0	0
Environmental Protection, Department of	125,269	0	86,241	0	39,028	0	0
Fish and Boat Commission	114,623	0	0	114,623	0	0	0
Game Commission	19,077,102	0	0	19,077,102	0	0	0
Health, Department of	21,955,579	0	0	0	21,955,579	0	0
Susquehanna River Basin Commission	134,000	0	0	134,000	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Transportation, Department of	2,394,174	0	0	0	0	2,394,174	0
Rhode Island	5,817,932	0	0	3,674,026	439,800	1,212,333	491,773
Commerce Corporation	1,139,521	0	0	207,948	439,800	0	491,773
Fish and Wildlife; Environmental Management, Department of	2,994,585	0	0	2,994,585	0	0	0
Marine Fisheries; Environmental Management, Department of	199,465	0	0	199,465	0	0	0
Narragansett Bay National Estuarine Research Reserve; Environmental Management, Department of	272,028	0	0	272,028	0	0	0
Transportation, Department of	1,212,333	0	0	0	0	1,212,333	0
South Carolina	60,332,935	2,995,971	599,324	37,124,301	14,356,529	2,122,628	3,134,182
Agriculture and Natural Resources, Department of	1,506,065	1,506,065	0	0	0	0	0
Behavioral Health and Developmental Disabilities, Department of	12,179,800	0	0	0	12,179,800	0	0
Commerce, Department of	2,444,612	0	0	0	0	0	2,444,612
Natural Resources, Department of	33,075,951	0	0	33,075,951	0	0	0
Public Health, Department of	734,034	0	0	0	734,034	0	0
Public Service Authority	510,813	0	281,932	143,520	0	85,361	0
Research Authority	2,470,387	55,000	317,392	90,000	1,442,695	306,300	259,000
Sea Grant Consortium	5,680,306	1,434,906	0	3,814,830	0	0	430,570
Transportation, Department of	1,730,967	0	0	0	0	1,730,967	0
South Dakota	6,800,916	4,233,806	90,000	25,000	125,450	2,133,660	193,000
Agriculture and Natural Resources, Department of	1,110,799	1,110,799	0	0	0	0	0
Corn Utilization Council	50,000	0	50,000	0	0	0	0
Economic Development, Governor's office of	548,450	40,000	40,000	25,000	125,450	125,000	193,000
Midwest Dairy Association, South Dakota Division	108,284	108,284	0	0	0	0	0
Nutrient Research and Education Council	1,052,089	1,052,089	0	0	0	0	0
Oilseeds Council	171,910	171,910	0	0	0	0	0
Pulse Crop Council	34,000	34,000	0	0	0	0	0
Soybean Research and Promotion Council	902,776	902,776	0	0	0	0	0
Transportation, Department of	2,008,660	0	0	0	0	2,008,660	0
Weed and Pest Control Commission	50,000	50,000	0	0	0	0	0
Wheat Commission	763,948	763,948	0	0	0	0	0
Tennessee	136,998,540	17,859,376	31,738,366	1,948,354	8,977,273	15,888,800	60,586,371
Agriculture, Department of	7,548,870	7,404,830	0	144,040	0	0	0
Economic and Community Development, Department of	55,000,000	10,000,000	30,000,000	0	5,000,000	10,000,000	0
Education, Department of	59,109,098	0	0	0	0	0	59,109,098
Environment and Conservation, Department of	595,172	0	33,821	561,351	0	0	0
LaunchTN	10,000,000	454,546	1,704,545	1,022,727	3,977,273	1,363,636	1,477,273
Transportation, Department of	4,525,164	0	0	0	0	4,525,164	0
Wildlife Resources Agency	220,236	0	0	220,236	0	0	0
Texas	299,999,621	762,519	0	12,213,709	263,340,967	23,682,426	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Agriculture, Department of	519,802	519,802	0	0	0	0	0
Alzheimer's Research and Care Consortium	7,000,000	0	0	0	7,000,000	0	0
Animal Health Commission	242,717	242,717	0	0	0	0	0
Cancer Prevention and Research Institute	256,340,967	0	0	0	256,340,967	0	0
Environmental Quality, Commission on	2,766,704	0	0	2,766,704	0	0	0
Parks and Wildlife Department	4,541,473	0	0	4,541,473	0	0	0
Transportation, Department of	23,682,426	0	0	0	0	23,682,426	0
Water Development Board	4,905,532	0	0	4,905,532	0	0	0
Utah	26,033,161	1,000,000	120,000	7,467,633	100,000	3,515,528	13,830,000
Economic Opportunity Commission	15,100,000	1,000,000	120,000	50,000	100,000	0	13,830,000
Environmental Quality, Department of	836,479	0	0	836,479	0	0	0
Natural Resources, Department of	6,581,154	0	0	6,581,154	0	0	0
Transportation, Department of	3,515,528	0	0	0	0	3,515,528	0
Vermont	915,594	0	0	141,945	0	773,649	0
Agriculture, Food, and Markets, Agency of	141,945	0	0	141,945	0	0	0
Transportation, Agency of	773,649	0	0	0	0	773,649	0
Virginia	58,638,682	3,783,757	1,549,469	8,506,010	10,448,037	22,804,722	11,546,687
Agriculture and Consumer Services, Department of	3,159,457	3,159,457	0	0	0	0	0
Commonwealth Health Research Board	1,497,957	0	0	0	1,497,957	0	0
Education, Department of	750,000	0	0	0	0	0	750,000
Energy, Department of	2,566,775	0	930,825	1,590,950	0	45,000	0
Environmental Quality, Department of	324,561	0	0	324,561	0	0	0
Forensic Science, Department of	1,416,562	0	0	0	0	0	1,416,562
Forestry, Department of	987,082	0	0	987,082	0	0	0
Foundation for Healthy Youth	1,746,155	0	0	0	1,746,155	0	0
Innovation Partnership Authority	18,763,908	352,153	561,473	1,089,366	6,727,493	1,873,298	8,160,125
Marine Resources Commission	2,399,369	0	0	2,399,369	0	0	0
Natural History, Museum of	1,212,900	0	0	1,212,900	0	0	0
Social Services, Department of	1,210,000	0	0	0	0	0	1,210,000
Transportation, Department of	20,710,938	0	0	0	0	20,710,938	0
Veterans Services, Department of	10,000	0	0	0	0	0	10,000
Wildlife Resources, Department of	1,883,018	272,147	57,171	901,782	476,432	175,486	0
Washington	79,481,363	16,403,158	7,662,136	42,344,716	1,503,691	6,863,124	4,704,538
Agriculture, Department of	6,069,359	6,069,359	0	0	0	0	0
Alfalfa Seed Commission	17,000	17,000	0	0	0	0	0
Asparagus Commission	27,000	27,000	0	0	0	0	0
Beef Commission	25,000	25,000	0	0	0	0	0
Blueberry Commission	224,102	224,102	0	0	0	0	0

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Commerce, Department of	7,662,136	0	7,662,136	0	0	0	0
Cranberry Commission	6,600	6,600	0	0	0	0	0
Dairy Products Commission	22,652	0	0	22,652	0	0	0
Ecology, Department of	10,250,771	0	0	10,250,771	0	0	0
Fish and Wildlife, Department of	20,787,065	0	0	20,787,065	0	0	0
Grain Commission	2,329,500	2,329,500	0	0	0	0	0
Health, Department of	1,485,000	0	0	0	1,485,000	0	0
Hop Commission	121,394	121,394	0	0	0	0	0
Labor and Industries, Department of	4,704,538	0	0	0	0	0	4,704,538
Mint Commission	42,659	42,659	0	0	0	0	0
Natural Resources, Department of	7,569,228	0	0	7,569,228	0	0	0
Oilseeds Commission	252,074	252,074	0	0	0	0	0
Potato Commission	880,588	880,588	0	0	0	0	0
Puget Sound Partnership	3,715,000	0	0	3,715,000	0	0	0
Pulse Crops Commission	207,216	207,216	0	0	0	0	0
Red Raspberry Commission	289,288	270,597	0	0	18,691	0	0
Transportation, Department of	6,863,124	0	0	0	0	6,863,124	0
Tree Fruit Research Commission	5,481,432	5,481,432	0	0	0	0	0
Turfgrass Seed Commission	65,684	65,684	0	0	0	0	0
Wine Commission	382,953	382,953	0	0	0	0	0
West Virginia	11,732,040	10,787	4,396,157	3,888,342	2,377,715	404,912	654,127
Geological and Economic Survey	4,619,441	0	3,553,621	1,065,820	0	0	0
Higher Education Policy Commission	4,077,557	10,787	842,536	192,392	2,377,715	0	654,127
Natural Resources, Division of	2,630,130	0	0	2,630,130	0	0	0
Transportation, Department of	404,912	0	0	0	0	404,912	0
Wisconsin	10,684,964	703,261	0	5,702,965	0	4,278,738	0
Agriculture, Trade and Consumer Protection, Department of	703,261	703,261	0	0	0	0	0
Natural Resources, Department of	5,702,965	0	0	5,702,965	0	0	0
Transportation, Department of	4,278,738	0	0	0	0	4,278,738	0
Wyoming	8,514,602	616,635	3,501,635	2,730,771	200,000	1,135,561	330,000
Agriculture, Department of	616,635	616,635	0	0	0	0	0
Business Council	1,130,000	0	0	600,000	200,000	0	330,000
Enhanced Oil Recovery Institute	2,399,471	0	2,399,471	0	0	0	0
Game and Fish Department	659,609	0	0	659,609	0	0	0
State Geological Survey	2,204,328	0	1,102,164	1,102,164	0	0	0
Transportation, Department of	1,135,561	0	0	0	0	1,135,561	0
Water Development Office	368,998	0	0	368,998	0	0	0
Puerto Rico[c]	44,071,899	191,857	0	0	40,729,141	30,015	3,120,886

Table 20. State agency expenditures for R&D, by state department or agency and function of R&D: FY 2025

(Dollars)

State and department or agency	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other R&D functions[a]
Agriculture, Department of	116,857	116,857	0	0	0	0	0
Economic Development and Commerce, Department of	6,380,000	0	0	0	5,400,000	0	980,000
Comprehensive Cancer Center	24,064,872	0	0	0	24,064,872	0	0
Health, Department of	425,000	0	0	0	425,000	0	0
Institute of Statistics	2,433,435	0	0	0	426,534	30,015	1,976,886
Science, Technology and Research Trust	10,651,735	75,000	0	0	10,412,735	0	164,000

[a] Other R&D functions includes but is not limited to corrections, criminal justice, education, forensic science, labor, public safety, and social services functions.
[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.

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.

Table 22. State government intramural R&D personnel, by state and headcount: 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]	9,105	4,841	2,968	1,296	9,437	4,955	3,128	1,354	9,931	5,402	3,162	1,367	9,901	5,511	3,058	1,332	9,284	5,184	2,946	1,154
Alabama	154	105	33	16	103	60	28	15	99	66	15	18	121	56	42	23	99	57	22	20
Alaska	74	50	13	11	94	58	21	15	90	54	21	15	93	54	26	13	92	55	24	13
Arizona	45	24	14	7	40	21	14	5	33	16	11	6	47	29	10	8	40	22	12	6
Arkansas	11	7	2	2	10	6	1	3	129	86	26	17	133	80	30	23	134	89	28	17
California	580	453	13	114	630	458	41	131	636	522	19	95	738	609	26	103	752	616	34	102
Colorado	85	67	5	13	100	57	37	6	99	61	35	3	93	65	26	2	96	77	9	10
Connecticut	212	156	40	16	261	173	34	54	269	182	36	51	292	199	39	54	277	219	40	18
Delaware	18	13	2	3	16	10	3	3	18	12	1	5	19	13	2	4	16	11	2	3
District of Columbia	61	30	18	13	29	7	10	12	31	9	10	12	30	15	9	6	27	16	7	4
Florida	808	609	68	131	874	667	73	134	864	658	62	144	926	727	65	134	784	611	54	119
Georgia	14	5	5	4	11	7	1	3	9	4	1	4	9	6	1	2	8	4	1	3
Hawaii	15	7	2	6	12	5	1	6	12	5	1	6	10	3	1	6	16	3	9	4
Idaho	105	33	68	4	87	28	54	5	83	28	51	4	108	53	44	11	192	57	126	9
Illinois	9	5	2	2	8	4	2	2	9	5	2	2	5	2	1	2	8	3	3	2
Indiana	44	22	15	7	46	22	17	7	110	50	42	18	123	56	49	18	101	54	36	11
Iowa	40	22	18	0	43	28	14	1	23	18	4	1	36	21	13	2	26	13	13	0
Kansas	27	16	5	6	25	16	4	5	28	16	6	6	25	15	4	6	27	16	5	6
Kentucky	48	24	20	4	222	124	92	6	242	136	100	6	279	155	117	7	200	111	84	5
Louisiana	218	124	61	33	240	128	69	43	303	165	94	44	308	164	85	59	50	23	20	7
Maine	166	68	47	51	173	73	52	48	182	122	44	16	150	104	35	11	141	106	25	10
Maryland	23	16	6	1	42	23	13	6	20	4	9	7	20	2	11	7	17	2	9	6
Massachusetts	100	44	48	8	86	37	41	8	55	27	20	8	46	24	18	4	47	26	17	4
Michigan	6	4	1	1	7	2	4	1	4	1	2	1	3	2	0	1	5	2	2	1
Minnesota	104	60	23	21	82	50	23	9	83	50	23	10	113	64	27	22	116	82	26	8
Mississippi	141	39	90	12	136	40	85	11	137	42	84	11	30	21	5	4	32	24	8	0
Missouri	228	77	143	8	228	77	143	8	218	77	133	8	221	79	133	9	139	58	74	7
Montana	55	24	28	3	102	27	68	7	65	28	29	8	65	25	34	6	74	28	36	10
Nebraska	51	17	30	4	45	22	22	1	9	1	8	0	98	55	40	3	279	89	162	28
Nevada	3	1	2	0	3	1	2	0	9	5	4	0	14	7	6	1	11	5	6	0
New Hampshire	16	2	3	11	16	2	3	11	15	1	3	11	15	1	3	11	15	1	3	11
New Jersey	48	45	0	3	54	48	2	4	48	43	1	4	46	42	1	3	48	42	2	4
New Mexico	11	4	4	3	27	15	6	6	55	35	4	16	34	17	2	15	30	8	8	14
New York	2,942	1,347	1,184	411	3,102	1,438	1,252	412	3,175	1,464	1,279	432	2,911	1,307	1,195	409	2,886	1,364	1,123	399
North Carolina	240	108	100	32	208	98	78	32	191	62	103	26	223	109	81	33	226	110	81	35
North Dakota	16	15	1	0	11	10	1	0	18	16	1	1	14	12	1	1	18	14	3	1
Ohio	51	20	23	8	32	16	11	5	30	19	9	2	69	35	29	5	38	23	10	5

Table 22. State government intramural R&D personnel, by state and headcount: 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	54	36	13	5	59	25	28	6	28	13	11	4	21	12	6	3	20	11	6	3
Oregon	252	85	142	25	278	99	156	23	306	108	171	27	274	104	149	21	222	90	122	10
Pennsylvania	202	95	96	11	176	85	84	7	152	78	64	10	158	79	68	11	170	75	83	12
Rhode Island	79	59	10	10	48	41	2	5	3	2	1	0	6	3	2	1	6	3	2	1
South Carolina	365	190	138	37	437	210	143	84	465	209	188	68	386	196	145	45	315	131	135	49
South Dakota	14	7	0	7	6	5	0	1	7	6	0	1	7	6	0	1	7	6	0	1
Tennessee	19	15	0	4	7	6	0	1	12	8	0	4	7	6	0	1	10	6	0	4
Texas	59	40	5	14	56	39	6	11	69	37	8	24	34	16	6	12	34	21	6	7
Utah	72	49	12	11	80	47	22	11	70	47	12	11	68	45	12	11	70	47	12	11
Vermont	9	3	5	1	30	9	17	4	24	7	15	2	15	11	4	0	13	13	0	0
Virginia	149	83	33	33	154	82	39	33	365	223	85	57	412	263	93	56	355	226	76	53
Washington	629	372	147	110	640	352	173	115	786	449	223	114	864	454	295	115	788	406	304	78
West Virginia	122	44	55	23	115	47	49	19	110	82	12	16	74	50	9	15	69	47	11	11
Wisconsin	92	26	62	4	105	34	66	5	93	26	62	5	77	23	49	5	109	45	58	6
Wyoming	219	74	113	32	41	16	21	4	40	17	17	6	31	15	9	7	29	16	7	6
Puerto Rico[c]	na	na	na	na	153	31	75	47	222	75	66	81	231	91	87	53	218	92	98	28

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.

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.

Technical Notes

Survey Overview (FY 2025 Survey Cycle)

Purpose. The Survey of State Government Research and Development is the only source for comprehensive uniform statistics regarding the extent of research and development (R&D) activity performed and funded by departments and agencies in each of the nation's 50 state governments, the government of the District of Columbia, and the government of Puerto Rico.

Data collection authority. The information is solicited under the National Science Foundation (NSF) Act of 1950, as amended; the America COMPETES Reauthorization Act of 2010; and Title 13, U.S. Code, § 8(b). It is collected under Office of Management and Budget control number 0607-0933, expiration date 30 June 2026. The National Center for Science and Engineering Statistics (NCSES) has reviewed this product for unauthorized disclosure of confidential information and approved its release (NCSES-DRN26-048).

Survey contractor. The Census Bureau, under NSF interagency agreement, collected, processed, and tabulated the statistics in this report.

Survey sponsor. NCSES.

Key Survey Information

Frequency. Annual.

Initial survey year. FY 2006.

Reference period. State government fiscal year ending in 2025.

Response unit. State government departments, agencies, commissions, public authorities, institutions, and other entities that operate separately or somewhat autonomously from the central state government—but where the state government maintains administrative or fiscal control over their activities—with the capacity to perform or fund R&D; units are collectively referred to as *agencies*.

Sample or census. Census.

Population size. The population comprised agencies from the 50 U.S. state governments, the District of Columbia, and Puerto Rico with the capacity to perform or fund R&D during FY 2025. Agencies that reported $0 R&D over the previous three survey cycles were marked as inactive in the current survey cycle to reduce respondent burden; inactive agencies are reactivated after 2 years. This cycle's reactivation resulted in the population increasing from 534 agencies in FY 2024 to 589 in FY 2025.

Sample size. Not applicable.

Survey Design

Target population. State government departments, agencies, commissions, public authorities, institutions, and other entities that operate separately or somewhat autonomously from the central state government but where the state government maintains administrative or fiscal control over their activities, as defined by the Census Bureau's *Government Finance and Employment Classification Manual* (see chapter 1), and that funded or performed R&D for state government FY 2025. Several industry-specific state commissions, which are generally chartered by state legislatures but are administered independently, are considered state agencies and are included in the survey's population. State-run colleges and universities, which are canvassed as part of the NCSES Higher Education Research and Development (HERD) Survey, are excluded from the survey frame. State-run laboratories or experiment stations controlled by state universities are also excluded from the respondent

universe, as are any entities determined to be nonprofit or private, as defined by the Census Bureau government classification criteria. However, because agricultural experiment stations in Connecticut are legally organized as a state government-dependent agency and because they are not affiliated with any university system, they are included in the survey's population.

Sampling frame. The total universe includes all state government-dependent units, including those for the District of Columbia and Puerto Rico, with the capacity to perform and fund R&D, identified with the aid of a state coordinator who is appointed by the governor of each state. For the FY 2025 survey, state coordinators were provided with a list of agencies that were previously identified from the FY 2024 survey cycle as having the potential to perform or fund R&D. In addition, these lists included agencies identified from a systematic review of state session laws. State coordinators were asked to review this list and add agencies that they believed were involved with R&D and were not already identified. State coordinators also adjusted the agency universe to remove agencies that have never had any qualifying R&D to report to NCSES, to add any agencies that were missing or could have R&D to report, to address organizational changes within their respective states since the previous survey, and to provide updated agency contact information.

Sample design. The Survey of State Government R&D is a census.

Data Collection and Processing Methods

Data collection. For FY 2025, emails were sent to the chief of staff for all governors asking them to appoint a state coordinator. Census Bureau staff also reached out to prior state coordinators asking if they would be willing to continue to serve as the coordinators for the FY 2025 cycle. On a flow basis, state coordinators were sent a list of agencies and contacts that were surveyed for the FY 2024 Survey of State Government R&D and asked to add agencies that might have some R&D, remove agencies from the survey universe that no longer perform or fund R&D or have been reorganized, and update agency points of contact. Once the state coordinators completed updates to the list of active agencies to be surveyed, they then sent introductory emails to the agency respondents stating that respondents would be receiving an email with instructions and the survey form to be completed and emailed back to the Census Bureau. The state coordinators sent the updated list of agencies and contacts back to the Census Bureau. After receiving the list of updated agencies, agencies identified as having the potential to perform or fund R&D were then emailed the survey form. Upon completion by all agencies within a state, the state coordinators were given their state agencies' aggregate data to review before final analysis and dissemination.

Mode. State agencies were emailed a fillable PDF form with auto summations and edits built in and were asked to complete the form. State coordinators were given a spreadsheet of potential state agencies and contact information to review and revise as necessary to add agencies to be surveyed, remove others from the survey as inactive, or make corrections to agency points of contact.

Response rates. Response rates were calculated for the FY 2025 Survey of State Government R&D and are available in table A-1.

All 50 U.S. state governments, the District of Columbia, and Puerto Rico participated in the survey. A total of 22 of 52 coordinators updated their spreadsheet of potential state agencies. However, only 14 of 52 coordinators officially responded to verify the final aggregate data. For those agencies that did not have a coordinator appointed, final aggregate data files were sent to staff at NCSES for review. Some or all agencies submitted data in those states where the coordinator did not verify data officially. A coordinator was not appointed in Arizona, Arkansas, California, the District of Columbia, Georgia, Idaho, Indiana, Iowa, Louisiana, Maine, Massachusetts, Michigan, Minesota, Montana, Nebraska, New Hampshire, North Carolina, North Dakota, Ohio, Rhode Island, Vermont, Virginia, and Wisconsin.

Historically, NCSES has partnered with the Puerto Rico Institute of Statistics to collect information on R&D spending from Puerto Rico agencies. For FY 2025, the governor's office appointed a coordinator within the Department of Economic Development and Commerce. The Puerto Rico coordinator identified additional agencies that were performing or funding R&D, including some that had split apart from other agencies. Responses were received from 14 of the 16 agencies in Puerto Rico that were sent the survey.

The final agency response was 554 of 589 agencies (94.1%).

The following agencies did not respond to the survey and as a result may contribute to an undercount in the estimated public expenditures for R&D activities:

- Arkansas Development Finance Authority
- Arkansas Department of Energy and Environment
- Arkansas Livestock and Poultry Commission
- Arkansas Wheat Promotion Board
- California Coachella Valley Mountains Conservancy
- California San Gabriel and Lower Los Angeles Rivers and Mountains Conservancy
- California Department of Social Services
- District of Columbia Water and Sewer Authority
- Idaho Department of Agriculture
- Idaho Alfalfa and Clover Seed Commission
- Idaho Bean Commission
- Idaho Honey Commission
- Illinois Nutrient Research and Education Council
- Kansas Department of Aging and Disability
- Kansas Sunflower Commission
- Maine Aquaculture Innovation Center
- Minnesota Department of Commerce
- Minnesota Department of Education
- Minnesota Department of Human Services
- Minnesota Metropolitan Council
- Minnesota Office of Cannabis Management
- Mississippi Governor's Commission on Physical Fitness and Sports
- New York Department of Children and Families Services
- Ohio Department of Commerce
- Puerto Rico Highway and Transport Authority

- Puerto Rico Registration and Licensing of Higher Education
- Rhode Island Department of Transportation
- Rhode Island Water Resources Board
- Virginia Department of Wildlife Resources
- Vermont Agency of Human Services
- West Virginia Department of Education
- West Virginia Department of Health
- West Virginia Department of Health Facilities
- West Virginia Department of Human Services
- West Virginia Justice and Community Services

Of the 554 agencies that responded, 371 (67.0%) reported having some R&D activity in FY 2025.

Data editing. Initial agency data submissions were received via fillable forms emailed to the Census Bureau analyst. Basic logical edit checks, review of respondent comments, and comparisons of data from previous surveys allowed Census Bureau and NCSES staff to detect data errors and work with respondents to correct them. Census Bureau and NCSES staff also conducted follow-up to agencies with major data changes in R&D between FY 2024 and FY 2025 to ensure the accuracy of the survey data. Major data changes are dependent on the state and type of agency. After all the agencies in a state submitted responses, a spreadsheet of aggregated agency data was sent to the coordinators. They were asked to perform a final verification of aggregated agency data.

Imputation. All state and national totals are aggregates of reported agency data. Each state government's organizational structure, laws, and delegation of powers within its purview are unique. No universally applied methods of imputation can be used across all state government agencies and still account for these structural differences. This is consistent with basic statistical methods used by the Census Bureau's Census of Governments, Survey of State Government Finance.

Therefore, R&D expenditures may be underestimated in states where agencies failed to respond. When imputation methods are needed, they are handled on an individual agency and state-by-state basis. It is important to note that data corrections for previous reporting periods will be made if instructed by the respondents.

Imputation is performed only for cases that report $1 million or more historically. For nonresponse cases that have historically reported under $1 million, imputation is not performed (in these cases, for data user awareness and transparency, it should be noted that R&D totals in states with other nonresponding agencies may be understated). Three imputation methods are used. The preferential method is the use of annual report data (i.e., method 1). If this data are not available, a 3-year average (i.e., method 2) or state ratio (i.e., method 3) is used for imputation. Method 3 is used instead of method 2 when 3 years of historic data are not available or for those agencies whose historical data fluctuates vastly between years. Finally, when selecting between methods 2 and 3, the imputed value is determined using both methods; then, the imputation value that is more consistent with prior year data is selected. Outlined below are the 3 imputation methods, in order of preference:

- Method 1: Using data from the annual report, if available.
- Method 2: Using a 3-year average of the prior 3-year data. If this period contains an outlier (e.g., a value that is vastly different than the other values in 3 prior years), the outlier will be removed and substituted with a fourth year value. Then, the average of the three comparable values will be used.
    - Outlier is determined on a case-by-case basis, generally +/-20% depending on agency or state.

- Method 3: Using the ratio method of the state totals for R&D.
    - For each state, a state ratio is created (total of reported R&D for current year / total of reported R&D for prior year). This ratio is then multiplied by the prior year's value for the agency to impute a value for the current year. To use this method, the following conditions must be met.
        - The imputation determined under method 3 must be better aligned with the observed data.
            - The estimates derived via methods 2 and 3 are compared against each other by determining the percent difference between the method 2 estimate and the prior year value, and the method 3 estimate and the prior year value. If the percentage difference is smaller for the estimate determined via method 3, then this value is used. If not, then the estimate determined by method 2 is used.
        - It is imperative that there are at least 5 agencies per reporting period with data. If not, then method 2 must be used instead of method 3.

Data were imputed for eight agencies for this cycle because they are known to have reported $1 million or more in R&D in previous survey cycles; seven of the nonresponding agencies reported minor amounts of R&D in prior year and were left as a nonresponse due to their total accounting for 0.08% of the reported total for the FY 2023 Survey of State Government R&D, whereas the remaining nonresponding agencies have traditionally reported $0 R&D in previous survey cycles. Values for the California Food and Agriculture, District of Columbia Water and Sewer Authority, Kansas Soybean Commission, New Jersey State Parole Board, Rhode Island Department of Transportation, and Virginia Department of Wildlife Resources were imputed using the average of prior year reporting patterns. Data for the Arkansas Soybean Promotion Board and Illinois Nutrient Research and Education Council were imputed using data from their annual report. Two of these nonresponding agencies were refusals due to staff shortages. One of the agencies with imputed data indicated that they performed or funded R&D, but they could not provide specific performance or funding data.

Weighting. Not applicable.

Variance estimation. Not applicable.

Survey Quality Measures

Sampling error. Not applicable.

Coverage error. In addition to a Census Bureau review of state session laws to identify agencies with the capacity to fund R&D, NCSES utilizes the expertise of an appointed state coordinator to assist in identifying state government agencies that have the capacity to perform or fund R&D. State coordinators are also offered the opportunity to review survey responses from their respective state agencies before data are finalized for release. In cases where the state coordinator refused to cooperate or where some agencies failed to respond to the survey, it is possible there may be an undercount of state government R&D activities. The undercount may occur despite efforts by NCSES and Census Bureau staff to conduct additional queries and outreach with state agencies in states that did not appoint a coordinator. In other instances, the appointed state coordinator could misinterpret the survey definition and examples of qualifying R&D activities and thus fail to identify all state government-dependent units with the capacity to perform or fund R&D. However, no measures of coverage error are produced.

Nonresponse error. Of the 589 agencies in the survey universe, 554 (94.1%) responded to the survey. Of the 554 respondents, 371 (67.0%) reported having R&D activities in FY 2025. A mathematical statistical method was used to impute for six nonresponding agencies known to have R&D in the past, namely California Food and Agriculture, District of Columbia Water and Sewer Authority, Kansas Soybean Commission, New Jersey State Parole Board, Rhode Island Department of

Transportation, and Virginia Department of Wildlife Resources. Data for a seventh and eighth agency, Arkansas Soybean Promotion Board and Illinois Nutrient Research and Education Council, were imputed using data from the organization's annual report. No other imputation was used for the other nonresponding agencies because the other agencies historically have reported having little to no R&D.

Measurement error. The most common form of nonsampling error in the Survey of State Government R&D is in respondents' interpretation of the survey definition of qualifying R&D activities. To mitigate any potential misinterpretations, several steps were taken. NCSES provided a series of examples specific to the types of activities performed or funded by state government agencies in the survey questionnaire's definitions and examples. All responses, including the initial agency data submissions and final state coordinator verifications, were received via email or phone. Census Bureau staff performed basic logical edit checks and reviewed respondent comments, allowing staff to detect errors and work with state respondents to correct them. Despite these efforts, some of the data reported could include expenditures for non-R&D activities, such as non-R&D salaries, commercialization, environmental testing, or routine survey or monitoring work. Similarly, some state data may also exclude minor R&D expenditure amounts from agencies not surveyed.

Data Comparability

The population of state agencies with the potential to perform R&D varies from year to year because R&D is highly discretionary at the state level. In addition, state government R&D totals can display considerable volatility between survey cycles. For example, state agency expenditures are influenced by several national and state-specific factors, and large changes (either increases or decreases) are not unusual, especially for discretionary spending items, such as R&D. States often will create special funds to support specific research activities for a limited time. These funds may have a one-time appropriation from the legislature and expire within 2–5 fiscal years; state agencies obligate those funds for specific R&D projects, depending on availability and expiration of funding authority, as well as other program-specific and administrative considerations. Data reported are agency direct expenditures for R&D in a given fiscal year, not obligations. As such, in the case of multiyear grants to extramural performers, an agency's expenditures for that fiscal year may be greater than its obligations because expenditures may include spending from the previous year's appropriations, depending on the specific budget authority granted by the legislature. It is likely that some portion of the reported changes reflects measurement and coverage errors. In the case of R&D funds for extramural performers, some agencies were able to report only multiyear obligations rather than single-year expenditures.

The survey asked about state agencies' expenditures for R&D at the end of FY 2025. Most states and Puerto Rico have a fiscal year that begins 1 July and ends the following 30 June. For example, FY 2025 is the state fiscal period beginning on 1 July 2024 and ending on 30 June 2025. There are, however, five exceptions to the 30 June fiscal year end: New York (ends 31 March); Texas (ends 31 August); and Alabama, the District of Columbia, and Michigan (all end 30 September). For comparability, all states, the District of Columbia, and Puerto Rico are surveyed at the same time.

A state's R&D priorities may be shaped by the state's unique legislative and budgeting processes. State budget practices vary considerably due to both political and historical reasons. Nineteen states enact biennial budgets. Of these states, Montana, Nevada, North Dakota, and Texas have both biennial legislative sessions and biennial budgets. The remaining 15 states of Connecticut, Hawaii, Indiana, Kentucky, Maine, Minnesota, Nebraska, New Hampshire, North Carolina, Ohio, Oregon, Virginia, Washington, Wisconsin, and Wyoming hold annual legislative sessions but maintain biennial budgeting. Only North Dakota and Wyoming enact consolidated 2-year budgets; other biennial budget states enact two annual budgets at one time. As such, the nature of a state's budget priorities for R&D may be determined on a biennial basis in some states; in others, however, it may be determined on an annual basis. In states with biennial budgets, the legislatures will often make supplemental appropriations to the second-year budget, which may result in further changes to the initial funding priorities.

The data exclude R&D expenditures by state governments that did not flow through state agencies' budgets. The state totals do not include direct appropriations from state legislatures to colleges and universities. Higher education institutions' expenditures from state government appropriations are available from the NCSES HERD Survey. For FY 2025, state government agencies reported $1.3 billion in expenditures used to support R&D performance by academic institutions. A major factor for the difference between totals reported in the HERD Survey and the Survey of State Government R&D is that direct appropriations to state-run universities are included in the former but not in the latter. Another likely factor is the exclusion of R&D at most agricultural experiment stations from the state survey totals because they are generally associated with land-grant colleges and universities and are canvased on the HERD Survey.

Direct comparison of state agency expenditures should also be viewed with caution because state governments often reorganize departments and agencies such that some divisions and offices that were part of one agency may be moved to another agency. In other instances, entire departments may be reorganized into newly created departments. Although the FY 2025 Survey of State Government R&D encountered several instances of these organizational changes in several states, the survey itself is not designed to measure specific changes in state government organization. To account for these and other changes in the data between FY 2024 and FY 2025, staff from the Census Bureau and NCSES conducted follow-up calls for some agencies with major data changes, depending on the type of agency and state, to ensure the accuracy of the survey data.

Data specific to state government agencies were first released with the FY 2009 survey results and are also included in the FY 2025 data tables. Specific agency-level data for FY 2006 and FY 2007 are not available.

The current Survey of State Government R&D has been conducted for FY 2006, FY 2007, FY 2009, FYs 2010–11, FYs 2012–13, FYs 2014–15, FY 2016, FY 2017, FY 2018, FY 2019, FY 2020, FY 2021, FY 2022, FY 2023, FY 2024, and FY 2025. (No survey was conducted for state governments for FY 2008.) Data presented in trend tables in this report are from the most recently completed survey cycle. References to prior year data should be restricted to those published in this report for two reasons: (1) when completing the current year's survey, survey respondents may revise their prior year's data and (2) NCSES reviews data for prior years for consistency with current-year responses and, if necessary, may revise these data in consultation with respondents.

NCSES has collected state government R&D data for FY 1964, FY 1965, FY 1967, FY 1968, FY 1972, FY 1973, and FY 1977 in collaboration with the Census Bureau's Census of Governments and related programs. For FY 1987, FY 1988, and FY 1995, data collections of state government R&D were conducted by nonfederal organizations that were supported by NSF grants. As a result of differences in the survey populations, in definitions of covered R&D activities, and in collection methods over time, the results of these historical surveys are not comparable with the statistics collected for the FY 2006 and subsequent Surveys of State Government R&D.

Changes in survey coverage and population. Each year, state coordinators update the universe of agencies most likely to have funded or performed R&D based on changes in funding authority, organization changes within the government, or other initiatives by the legislature. No survey was conducted for state governments for FY 2008. Beginning with the FY 2009 survey cycle, state coordinators were no longer able to overwrite the aggregate R&D data reported by state agencies to correct or modify the state total. Any changes or revisions were now required to be made at the state government agency level.

Changes in questionnaire.

- FY 2009. The FY 2009 questionnaire was the first to collect state government R&D activities by governmental functions of agriculture, environment and natural resources, health, transportation, and other.
- FYs 2010 and 2011. The survey was reorganized as a biennial survey and collected 2 fiscal years of data on one questionnaire. In addition, the energy category was added to the list of specific government functions of R&D.

- FYs 2012 and 2013. A minor change to the instructions in Question 1 for extramural performers was made from “R&D done for your department/agency” to “R&D funded by your department/agency” to ensure that all R&D-related projects that the agency funds regardless of the end result (i.e., grants) were properly included.
- FYs 2014 and 2015. The survey was revised to collect additional details about R&D funding and performance to better align with the Organisation for Economic Co-operation and Development *2002 Frascati Manual*, the most recent edition available at survey launch. These changes include source of funds for extramural R&D performance supported by federal funds, state funds, or other funds. For all federal funds received for both intramural and extramural R&D, respondents were asked how much was received from specific federal agencies. For intramural R&D performance, respondents were asked how much of federal, state, and other funding was classified as basic research, applied research, or experimental development.
- FY 2016. The survey reporting period changed from a biennial to an annual survey. Questions remained the same with some minor additions to examples and wording changes. A remarks box was added for respondents to provide comments.
- FY 2017. The category of other within internal sources of R&D was split into multiple categories: nonfederal government funds, nonprofit organizations, businesses, and higher education institutions.
- FY 2018. No changes were made.
- FY 2019. A question asking about the amount of time it takes to complete the survey was added for administrative purposes.
- FY 2020. Two new questions were added asking for the number of intramural R&D personnel and the number of full-time equivalent employees for researchers, technicians, and support staff. Data from these new questions are not available this year.
- FY 2021. The survey was restructured to group related questions together. For example, questions on expenditures for R&D performed internally by type of R&D, internal R&D employees, and internal full-time equivalent R&D personnel were moved to follow the internal R&D expenditures question. Similarly, questions on expenditures for R&D performed externally and expenditures for R&D performed externally by type of entity were moved to follow the internal R&D questions. All questions asking for crosscuts on the total R&D expenditures were moved to follow both internal and external R&D-related questions.
- FY 2022. The category of other within external performance of R&D was split into multiple categories: nonprofit organizations, other governments (i.e., federal, federally funded research and development centers, other state governments, and local governments), and other performers not elsewhere classified. Expenditures for construction and acquisition of land and facilities was broken into internal and external. Neither one of these changes was published in the data tables.
- FY 2023. No changes were made.
- FY 2024. No changes were made.
- FY 2025. No changes were made.

Changes in reporting procedures or classification.

- FY 2018. Online reporting was replaced with a fillable PDF with automated summations and edits built into the survey instrument.
- FYs 2019–21. No changes were made.

- FY 2022. Census Bureau staff reached out to Puerto Rico agencies directly with a Spanish-language version of the fillable PDF survey form. Puerto Rico did not report data for FYs 2016 through 2021 but resumed reporting in FY 2022. Between FYs 2005 and 2016, the Puerto Rico Institute of Statistics (PRIS) conducted its own survey of R&D. Staff from the Census Bureau and NCSES worked with staff at PRIS to ensure questions relevant to the Survey of State Government R&D were consistent with those asked by the PRIS during their survey. PRIS would send agency responses to the Census Bureau and NCSES for addition into the Survey of State Government R&D. Between FYs 2016 and 2022, PRIS suspended its own survey and Census Bureau staff provided a copy of the fillable PDF survey to the Puerto Rico coordinator to send to agencies and provide responses back to the Census Bureau. However, agencies did not respond to requests from the coordinator in Puerto Rico during this time. For the FY 2022 survey, the coordinator in Puerto Rico recommended Census Bureau staff reach out to specific agencies identified by the coordinator for survey responses.
- FY 2023. No changes were made.
- FY 2024. No changes were made.
- FY 2025. No changes were made.

Definitions

Applied research. Original investigation undertaken in order to acquire new knowledge. It is, however, directed primarily toward a specific, practical aim or objective.

Basic research. Experimental or theoretical work undertaken primarily to acquire new knowledge of the underlying foundations of phenomena and observable facts, without any particular application or use in view.

Construction and acquisition of facilities used primarily for R&D. Includes the acquisition of, construction of, and major repairs or alterations to structures, works, equipment, facilities, or land for use in R&D activities. Construction and acquisition of land and facilities used primarily for R&D includes major costs for construction and purchase of buildings to be primarily used as R&D facilities.

Experimental development. Systematic work, drawing on knowledge gained from research and practical experience and producing additional knowledge, which is directed to producing new products or processes or to improving existing products or processes.

Performers, extramural. Those outside the department or agency who perform R&D under the administrative oversight or control of that department or agency. This may include projects for the department or agency as well as the department's or agency's extramural research programs. Extramural performers include the following:

- *Academic institutions.* Public or private universities and colleges.
- *Companies and individuals.* Performers under contract for research projects or that received grants for research projects.
- *Nonprofit organizations*. This would include foundations.
- *Other governments.* Government departments and agencies; other departments or agencies within the state; other state governments; and county, city, special district, or regional local governments either within their own state or in other states.
- *Other performers not elsewhere classified*.

Performers, intramural. Department's or agency's own employees who perform R&D, which includes R&D performed by those employees and services performed by others in support of an internal R&D project (e.g., laboratory testing).

Research and development. Comprise creative and systematic work undertaken in order to increase the stock of knowledge—including knowledge of humankind, culture, and society—and to devise new applications of available knowledge. Sources and examples of R&D funding include the following:

- *Federal government.* Grants, contracts, awards, and appropriations from the U.S. government.
- *State.* Appropriations from the state legislature, agricultural commodity assessments, bond funds, general funds, restricted funds, revenue funds, state grants, tobacco settlement funds, lottery proceeds, funds from other agencies within the state, and revenue from charges, fees, or fines.
- *Nonprofit organizations.* Includes funding from foundations.
- *Nonfederal government.* Funding from other state governments, county, city, regional, or other local governments.
- *Businesses.* Grants and contracts from companies.
- *Higher education institutions.* Funding from public or private universities and colleges.
- *R&D employee count.*
    - *Researchers.* For example, biologists, psychologists, research scientists and engineers, primary investigators, and R&D managers.
    - *Technicians.* Equivalent staff includes wildlife technicians, lab technicians, and field staff.
    - *Support staff*. For example, accountants, facilities management, grant specialist, and clerical staff.
- *Full-time equivalent R&D personnel*. Calculated as the total working hours spent working on R&D during your state government's fiscal year divided by the number of hours representing a full-time schedule within the same period.

Technical Table

Table	Title
A-1	Final response rates and agencies reporting R&D to the survey: FY 2025

Table A-1. Final response rates and agencies reporting R&D to the survey: FY 2025

(Number and percent)

Agencies selected	Agencies surveyed (number)	Responses		R&D reported among respondents	
		Number	Percent	Number	Percent
All agencies	589	554	94.1	371	67.1

Source(s):
National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2025.

Acknowledgments

NCSES thanks the program and budget offices at the state agencies that provided information for this report.

Suggested Citation

National Center for Science and Engineering Statistics (NCSES). 2026. *Survey of State Government Research and Development: FY 2025*. NSF 27-302. Alexandria, VA: U.S. National Science Foundation. Available at https://ncses.nsf.gov/surveys/state-government-research-development/2025.

Contact Us

National Center for Science and Engineering Statistics
Directorate for Social, Behavioral and Economic Sciences
U.S. National Science Foundation
Tel: (703) 292-8780
FIRS: (800) 877-8339
TDD: (800) 281-8749
Email ncsesweb@nsf.gov