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.