

TABLE 2

State government expenditures for R&D and R&D plant, by state and performer: FY 2022

(Dollars)

State	All R&D expenditures ^a	Intramural performers ^b	Extramural performers ^c				R&D plant ^f
			Total	Academic institutions	Companies and individuals ^d	Other ^e	
United States ^g	2,643,991,142	696,624,562	1,947,366,580	1,032,713,072	454,745,763	459,907,745	31,839,778
Alabama	88,219,991	12,081,222	76,138,769	12,354,753	691,474	63,092,542	0
Alaska	17,157,228	11,600,345	5,556,883	1,476,494	2,512,461	1,567,928	0
Arizona	7,946,421	2,039,798	5,906,623	4,170,522	1,648,151	87,950	0
Arkansas	9,759,708	220,653	9,539,055	7,858,723	380,332	1,300,000	0
California	490,081,806	87,712,398	402,369,408	128,557,417	91,219,461	182,592,530	5,700,000
Colorado	38,058,349	9,393,492	28,664,857	10,769,660	13,882,986	4,012,211	0
Connecticut	60,578,799	28,200,758	32,378,041	2,428,369	28,345,413	1,604,259	0
Delaware	3,446,375	1,568,167	1,878,208	1,108,165	711,743	58,300	0
District of Columbia	10,560,754	4,320,240	6,240,514	712,013	3,629,822	1,898,679	0
Florida	180,145,644	51,395,556	128,750,088	80,421,221	3,864,156	44,464,711	2,163,105
Georgia	24,988,379	2,884,258	22,104,121	6,905,171	11,334,225	3,864,725	0
Hawaii	6,337,851	201,790	6,136,061	3,980,790	2,085,271	70,000	5,750,000
Idaho	20,444,262	7,278,248	13,166,014	9,211,146	549,931	3,404,937	0
Illinois	16,463,839	554,067	15,909,772	13,980,583	435,210	1,493,979	0
Indiana	12,104,856	660,237	11,444,619	8,610,791	2,833,828	0	0
Iowa	10,636,720	2,912,086	7,724,634	6,716,097	989,049	19,488	0
Kansas	17,633,236	1,500,273	16,132,963	13,017,281	202,079	2,913,603	0
Kentucky	34,881,537	4,434,431	30,447,106	24,590,319	4,084,159	1,772,628	0
Louisiana	31,843,839	10,033,831	21,810,008	18,458,516	3,004,727	346,765	0
Maine	24,812,470	12,208,306	12,604,164	4,385,530	6,971,533	1,247,101	1,579,462
Maryland	31,280,581	864,022	30,416,559	25,771,680	2,612,842	2,032,037	0
Massachusetts	26,616,423	1,636,998	24,979,425	10,387,510	10,092,864	4,499,051	4,484,231
Michigan	30,525,914	254,848	30,271,066	13,679,420	619,972	15,971,674	0
Minnesota	25,093,959	3,038,564	22,055,395	14,721,856	4,570,534	2,763,005	0
Mississippi	9,788,541	2,820,168	6,968,373	3,754,922	1,028,977	2,184,474	0
Missouri	12,430,684	4,338,958	8,091,726	6,267,780	1,397,709	426,237	0
Montana	9,752,216	3,400,729	6,351,487	4,200,739	0	2,150,748	0
Nebraska	32,687,157	2,114,433	30,572,724	25,706,242	4,758,046	108,436	10,000
Nevada	3,643,395	208,642	3,434,753	2,200,553	283,100	951,100	0
New Hampshire	9,222,505	136,953	9,085,552	241,647	7,025,864	1,818,041	0
New Jersey	65,020,915	3,317,395	61,703,520	47,835,643	1,504,415	12,363,462	0
New Mexico	3,456,227	1,110,427	2,345,800	1,629,579	374,741	341,480	0
New York	506,283,025	274,950,816	231,332,209	154,930,297	47,930,079	28,471,833	70,000
North Carolina	38,818,576	17,505,611	21,312,965	14,454,020	5,333,677	1,525,268	1,000,000
North Dakota	17,874,336	131,121	17,743,215	6,647,965	9,559,797	1,535,453	0
Ohio	70,471,571	1,106,388	69,365,183	18,527,266	49,891,610	946,307	0
Oklahoma	27,646,238	1,946,574	25,699,664	17,857,716	3,693,891	4,148,057	0
Oregon	33,801,166	16,703,743	17,097,423	8,564,907	4,287,150	4,245,366	0
Pennsylvania	88,557,830	13,041,479	75,516,351	38,491,630	6,077,281	30,947,440	0
Rhode Island	8,361,413	5,438,324	2,923,089	895,354	836,124	1,191,611	0
South Carolina	50,056,315	29,595,672	20,460,643	5,652,030	1,826,919	12,981,694	2,000,000
South Dakota	4,595,753	237,313	4,358,440	2,989,627	624,054	744,759	500,000
Tennessee	38,959,330	314,273	38,645,057	5,999,804	32,645,253	0	0
Texas	247,609,284	2,368,161	245,241,123	200,096,480	43,539,743	1,604,900	0
Utah	8,837,531	6,375,939	2,461,592	1,559,806	794,455	107,331	0
Vermont	1,460,157	1,170,646	289,511	236,262	52,924	325	0
Virginia	40,253,504	15,546,707	24,706,797	13,951,050	8,277,124	2,478,623	50,400

TABLE 2

State government expenditures for R&D and R&D plant, by state and performer: FY 2022

(Dollars)

State	All R&D expenditures ^a	Intramural performers ^b	Extramural performers ^c				R&D plant ^f
			Total	Academic institutions	Companies and individuals ^d	Other ^e	
Washington	60,886,219	24,507,566	36,378,653	16,420,916	15,728,140	4,229,597	8,532,580
West Virginia	9,180,282	3,803,985	5,376,297	5,131,402	237,000	7,895	0
Wisconsin	19,060,693	5,209,332	13,851,361	3,395,186	7,405,745	3,050,430	0
Wyoming	5,657,338	2,228,619	3,428,719	800,222	2,359,722	268,775	0
Puerto Rico ^h	17,058,786	11,176,340	5,882,446	2,397,243	3,340,203	145,000	0

^a State R&D expenditures do not include R&D plant.

^b Intramural performers include 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 are those outside the department or agency who perform R&D.

^d Companies and individuals include individuals under contract for research projects.

^e Other extramural performers include nonprofit organizations, including foundations; federal government departments and agencies; other departments or agencies within the state; other state governments; and county, city, special district, or regional local governments.

^f State R&D plant expenditures include acquisition of land, facilities, major equipment, and major building renovations intended primarily for R&D use.

^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 2022.