

TABLE 2

State government expenditures for R&D and R&D plant, by state and performer: FY 2021

(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	2,471,471,226	673,691,209	1,797,780,017	960,494,009	508,757,034	328,528,974	29,269,916
Alabama	29,812,345	17,295,499	12,516,846	6,296,012	120,834	6,100,000	0
Alaska	19,671,388	13,677,498	5,993,890	1,284,854	4,013,636	695,400	0
Arizona	15,011,508	3,522,494	11,489,014	6,118,524	1,195,026	4,175,464	0
Arkansas	9,908,767	170,429	9,738,338	7,506,063	603,235	1,629,040	0
California	523,819,635	81,309,690	442,509,945	145,143,314	197,745,251	99,621,380	0
Colorado	38,436,248	11,957,421	26,478,827	7,509,337	16,891,409	2,078,081	0
Connecticut	55,050,702	27,217,883	27,832,819	4,179,932	22,529,787	1,123,100	0
Delaware	3,338,773	1,894,419	1,444,354	700,491	693,063	50,800	0
District of Columbia	8,128,666	3,705,656	4,423,010	746,489	3,481,521	195,000	0
Florida	178,360,429	50,793,339	127,567,090	73,276,602	3,326,524	50,963,964	2,646,068
Georgia	18,798,826	2,016,590	16,782,236	6,416,100	8,661,580	1,704,556	0
Hawaii	10,315,823	2,311,413	8,004,410	5,526,606	2,398,104	79,700	4,100,000
Idaho	18,210,054	7,124,769	11,085,285	7,147,867	220,624	3,716,794	5,000
Illinois	16,213,542	554,067	15,659,475	11,875,208	121,074	3,663,193	0
Indiana	10,485,205	470,344	10,014,861	8,525,017	1,200,287	289,557	0
Iowa	10,579,028	3,091,936	7,487,092	5,794,456	1,692,636	0	0
Kansas	15,002,554	1,294,643	13,707,911	11,810,839	120,579	1,776,493	0
Kentucky	29,737,068	1,946,017	27,791,051	24,466,657	1,620,813	1,703,581	0
Louisiana	32,115,461	9,555,840	22,559,621	19,669,638	2,739,815	150,168	0
Maine	32,392,463	10,370,488	22,021,975	4,227,168	12,753,922	5,040,885	487,798
Maryland	28,212,493	878,718	27,333,775	20,033,775	7,300,000	0	0
Massachusetts	23,307,621	1,208,652	22,098,969	9,104,127	10,426,055	2,568,787	6,292,368
Michigan	29,718,391	237,018	29,481,373	11,424,715	1,648,966	16,407,692	0
Minnesota	22,483,420	2,458,490	20,024,930	13,942,965	3,148,933	2,933,032	0
Mississippi	11,143,362	2,005,582	9,137,780	4,863,478	1,937,313	2,336,989	0
Missouri	14,009,154	6,455,476	7,553,678	5,045,066	1,522,155	986,457	0
Montana	8,447,295	2,846,129	5,601,166	3,567,797	73,279	1,960,090	0
Nebraska	31,337,947	2,128,727	29,209,220	27,130,891	1,782,200	296,129	0
Nevada	4,222,929	237,064	3,985,865	2,739,972	245,979	999,914	0
New Hampshire	8,675,207	27,186	8,648,021	660,646	7,019,291	968,084	0
New Jersey	12,864,404	3,006,539	9,857,865	7,921,273	667,386	1,269,206	0
New Mexico	3,054,817	1,535,533	1,519,284	1,158,986	360,298	0	0
New York	417,246,309	259,432,614	157,813,695	90,758,427	35,387,607	31,667,661	2,523,050
North Carolina	36,870,713	17,422,714	19,447,999	16,999,276	2,213,000	235,723	1,076,500
North Dakota	35,139,613	294,748	34,844,865	9,364,150	24,151,033	1,329,682	0
Ohio	55,336,431	1,808,996	53,527,435	11,159,815	41,045,337	1,322,283	9,847
Oklahoma	55,989,692	2,575,950	53,413,742	19,467,169	1,341,409	32,605,164	0
Oregon	37,419,218	16,083,800	21,335,418	10,698,041	9,330,937	1,306,440	2,700,000
Pennsylvania	93,621,093	8,172,000	85,449,093	46,056,993	21,579,000	17,813,100	0
Rhode Island	10,226,630	8,118,721	2,107,909	529,672	1,190,412	387,825	1,420,067
South Carolina	44,557,581	27,709,617	16,847,964	5,856,144	395,148	10,596,672	400,000
South Dakota	3,193,289	359,853	2,833,436	2,051,503	361,252	420,681	500,000
Tennessee	10,287,206	1,289,255	8,997,951	8,495,132	0	502,819	0
Texas	255,731,862	2,686,856	253,045,006	225,812,226	26,198,074	1,034,706	0
Utah	8,316,189	5,326,711	2,989,478	2,121,462	868,016	0	1,000
Vermont	1,535,157	596,129	939,028	699,418	225,598	14,012	0

TABLE 2

State government expenditures for R&D and R&D plant, by state and performer: FY 2021

(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	
Virginia	44,913,546	16,624,998	28,288,548	19,365,935	7,888,755	1,033,858	788,372
Washington	56,690,210	21,349,303	35,340,907	14,258,527	8,756,002	12,326,378	6,309,062
West Virginia	9,013,091	3,378,070	5,635,021	5,397,789	237,232	0	2,500
Wisconsin	15,239,075	4,401,850	10,837,225	4,404,511	6,126,721	305,993	0
Wyoming	7,278,796	2,753,475	4,525,321	1,182,954	3,199,926	142,441	8,284

^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; 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.

Source(s):

National Center for Science and Engineering Statistics, Survey of State Government Research and Development, FY 2021.