

TABLE 2

## State government expenditures for R&amp;D and R&amp;D plant, by state and performer: FY 2023

(Dollars)

State	R&D expenditures <sup>a</sup>							R&D plant expenditures <sup>h</sup>			
	All R&D expenditures	Intramural performers <sup>b</sup>	Extramural performers <sup>c</sup>				All other <sup>g</sup>	All R&D plant expenditures	Intramural	Extramural	
			Total	Higher education institutions	Companies and individuals <sup>d</sup>	Nonprofit organizations <sup>e</sup>					Other governments <sup>f</sup>
United States <sup>i</sup>	3,034,601,074	741,613,066	2,292,988,008	1,229,894,644	597,851,734	325,965,825	58,291,567	80,984,238	33,914,350	23,760,554	10,153,796
Alabama	83,778,649	8,885,851	74,892,798	18,357,900	1,215,357	53,329,500	1,990,041	0	0	0	0
Alaska	19,451,112	14,118,929	5,332,183	707,567	2,698,817	0	784,713	1,141,086	0	0	0
Arizona	14,011,612	2,901,013	11,110,599	4,296,040	6,499,559	0	315,000	0	0	0	0
Arkansas	9,521,076	391,998	9,129,078	7,594,303	876,241	400,829	257,705	0	0	0	0
California	594,541,351	97,801,248	496,740,103	218,194,624	143,433,375	64,035,082	15,823,082	55,253,940	0	0	0
Colorado	39,665,229	10,548,105	29,117,124	9,208,168	18,619,670	0	1,186,426	102,860	0	0	0
Connecticut	55,924,506	29,335,244	26,589,262	2,035,295	22,357,867	0	7,875	2,188,225	0	0	0
Delaware	3,584,063	1,600,464	1,983,599	917,009	973,253	0	93,337	0	0	0	0
District of Columbia	10,563,918	7,041,016	3,522,902	851,907	270,401	2,046,290	354,304	0	0	0	0
Florida	222,882,689	53,921,437	168,961,252	96,667,036	6,012,904	66,211,572	69,740	0	6,717,144	6,717,144	0
Georgia	20,739,193	2,930,709	17,808,484	10,326,984	4,257,065	1,811,783	1,412,652	0	0	0	0
Hawaii	5,280,407	628,842	4,651,565	2,472,730	2,066,607	80,000	32,228	0	0	0	0
Idaho	18,670,602	7,349,090	11,321,512	7,231,429	562,811	371,967	2,856,071	299,234	669,265	0	669,265
Illinois	45,907,372	554,067	45,353,305	39,963,806	4,548,609	806,010	34,880	0	670,186	335,093	335,093
Indiana	24,179,311	1,902,083	22,277,228	12,315,640	9,961,588	0	0	0	0	0	0
Iowa	9,809,708	1,366,776	8,442,932	7,597,858	818,225	24,154	2,695	0	0	0	0
Kansas	10,364,853	2,166,223	8,198,630	6,017,483	154,363	11,248	2,015,536	0	0	0	0
Kentucky	37,765,916	4,842,218	32,923,698	28,970,060	3,952,108	0	1,530	0	0	0	0
Louisiana	31,663,714	10,567,296	21,096,418	17,592,263	3,117,754	47,934	258,811	79,656	0	0	0
Maine	47,576,007	12,319,129	35,256,878	3,169,145	30,097,800	1,888,267	101,666	0	631,650	43,316	588,334
Maryland	46,489,603	622,465	45,867,138	34,185,779	11,431,359	0	0	250,000	0	0	0
Massachusetts	48,424,086	1,690,736	46,733,350	15,167,081	17,624,471	2,067,506	93,604	11,780,688	4,932,263	100,000	4,832,263
Michigan	22,654,435	143,576	22,510,859	13,783,149	1,300,681	4,998,043	2,428,986	0	0	0	0
Minnesota	22,732,170	3,138,073	19,594,097	13,127,427	3,758,666	170,354	2,537,650	0	0	0	0
Mississippi	10,030,897	2,030,108	8,000,789	5,025,882	494,973	1,146,667	1,333,267	0	0	0	0
Missouri	17,210,400	4,589,925	12,620,475	6,846,948	5,496,089	171,666	105,772	0	0	0	0
Montana	9,956,071	3,806,428	6,149,643	5,275,871	9,055	412,189	452,528	0	0	0	0
Nebraska	29,171,378	74,500	29,096,878	25,871,076	3,093,032	112,770	20,000	0	0	0	0
Nevada	4,072,717	256,192	3,816,525	2,867,745	69,300	0	879,480	0	0	0	0
New Hampshire	2,521,016	89,546	2,431,470	279,470	1,464,456	0	687,544	0	0	0	0
New Jersey	99,832,733	3,917,853	95,914,880	52,920,552	1,556,739	41,432,589	5,000	0	0	0	0
New Mexico	2,337,788	781,067	1,556,721	813,963	312,327	30,000	400,431	0	0	0	0
New York	486,576,578	286,453,348	200,123,230	126,493,029	37,796,428	26,242,293	279,491	9,311,989	7,250,000	7,250,000	0

TABLE 2

## State government expenditures for R&amp;D and R&amp;D plant, by state and performer: FY 2023

(Dollars)

State	R&D expenditures <sup>a</sup>								R&D plant expenditures <sup>h</sup>		
	All R&D expenditures	Intramural performers <sup>b</sup>	Extramural performers <sup>c</sup>					All other <sup>g</sup>	All R&D plant expenditures	Intramural	Extramural
			Total	Higher education institutions	Companies and individuals <sup>d</sup>	Nonprofit organizations <sup>e</sup>	Other governments <sup>f</sup>				
North Carolina	36,106,613	16,335,642	19,770,971	11,297,102	8,030,154	337,015	106,700	0	1,000,000	1,000,000	0
North Dakota	25,822,123	981,502	24,840,621	14,469,584	7,382,680	461,683	2,526,674	0	0	0	0
Ohio	117,471,257	641,094	116,830,163	38,256,245	78,180,697	127,565	265,656	0	0	0	0
Oklahoma	28,885,260	1,434,856	27,450,404	17,955,918	3,764,509	4,062,147	1,667,830	0	0	0	0
Oregon	40,257,488	19,770,459	20,487,029	11,220,208	3,690,000	3,913,105	1,663,716	0	0	0	0
Pennsylvania	99,487,575	16,987,160	82,500,415	48,476,231	624,184	33,382,908	17,092	0	0	0	0
Rhode Island	4,635,868	236,546	4,399,322	1,889,803	2,199,530	237,000	72,989	0	0	0	0
South Carolina	53,419,952	32,709,409	20,710,543	6,780,967	699,643	12,760,948	468,985	0	0	0	0
South Dakota	5,227,211	273,454	4,953,757	3,379,907	1,311,405	37,445	225,000	0	500,000	0	500,000
Tennessee	67,457,255	175,000	67,282,255	8,163,359	59,118,896	0	0	0	0	0	0
Texas	282,261,790	1,993,899	280,267,891	224,879,502	52,747,989	965,656	1,674,744	0	0	0	0
Utah	10,119,476	7,748,094	2,371,382	1,617,856	753,526	0	0	0	0	0	0
Vermont	2,833,206	2,163,824	669,382	358,495	290,850	20,037	0	0	0	0	0
Virginia	57,260,560	20,744,159	36,516,401	17,549,067	14,203,660	551,095	4,068,259	144,320	10,393,687	8,315,001	2,078,686
Washington	60,479,947	26,263,518	34,216,429	17,661,416	10,027,553	976,419	5,169,251	381,790	1,150,155	0	1,150,155
West Virginia	8,731,717	4,773,515	3,958,202	3,147,745	51,957	3,500	705,000	50,000	0	0	0
Wisconsin	16,366,530	5,377,653	10,988,877	3,877,962	4,223,711	228,352	2,658,402	450	0	0	0
Wyoming	9,886,086	4,237,727	5,648,359	1,768,058	3,648,840	52,237	179,224	0	0	0	0
Puerto Rico <sup>j</sup>	47,543,226	30,716,521	16,826,705	7,636,361	5,868,235	0	3,322,109	0	1,947,876	1,764,602	183,274

<sup>a</sup> State R&D expenditures do not include R&D plant.<sup>b</sup> 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.<sup>c</sup> Extramural performers are those outside the department or agency who perform R&D.<sup>d</sup> Companies and individuals include individuals under contract for research projects.<sup>e</sup> Nonprofit organizations, including foundations.<sup>f</sup> Other governments include federal government departments and agencies; other departments or agencies within the state; other state governments; and county, city, special district, or regional local governments.<sup>g</sup> All other performers not elsewhere classified.<sup>h</sup> State R&D plant expenditures include acquisition of land, facilities, major equipment, and major building renovations intended primarily for R&D use.<sup>i</sup> U.S. total reflects all 50 states and the District of Columbia.<sup>j</sup> 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 2023.