

TABLE 8

State government R&D expenditures, by state and function of R&D: FY 2022

(Dollars)

State	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other ^a
United States ^b	2,643,991,142	127,263,681	327,115,797	540,876,111	1,100,991,524	290,871,093	256,872,936
Alabama	88,219,991	326,726	667,842	70,126,266	1,751,080	3,692,380	11,655,697
Alaska	17,157,228	0	731,152	10,015,251	534,187	4,808,710	1,067,928
Arizona	7,946,421	1,311,266	0	1,140,215	3,518,749	1,414,933	561,258
Arkansas	9,759,708	5,336,054	0	1,558,599	275,000	1,079,240	1,510,815
California	490,081,806	7,753,869	191,774,566	64,903,411	173,274,157	39,260,000	13,115,803
Colorado	38,058,349	1,028,351	2,602,115	7,762,275	8,813,647	3,395,841	14,456,120
Connecticut	60,578,799	4,321,687	2,919,711	11,877,203	26,085,781	2,971,742	12,402,675
Delaware	3,446,375	0	10,495	2,229,910	0	1,205,970	0
District of Columbia	10,560,754	0	0	1,976,600	8,244,141	245,919	94,094
Florida	180,145,644	14,851,847	1,012,306	57,744,843	92,302,255	14,134,393	100,000
Georgia	24,988,379	0	7,759,750	12,722,663	0	4,505,966	0
Hawaii	6,337,851	932,423	282,042	632,000	1,033,000	2,793,386	665,000
Idaho	20,444,262	8,109,741	0	9,482,216	0	2,852,305	0
Illinois	16,463,839	1,977,021	0	1,956,250	400,000	9,782,913	2,347,655
Indiana	12,104,856	500,000	0	352,281	0	9,312,575	1,940,000
Iowa	10,636,720	179,657	0	3,688,099	0	6,142,926	626,038
Kansas	17,633,236	4,457,312	132,471	8,280,611	0	3,765,115	997,727
Kentucky	34,881,537	290,727	140,000	7,261,361	16,829,567	8,781,665	1,578,217
Louisiana	31,843,839	289,750	927,353	10,092,683	1,196,008	10,065,406	9,272,639
Maine	24,812,470	1,542,730	0	7,605,622	9,873,473	1,558,635	4,232,010
Maryland	31,280,581	0	2,000,000	410,466	26,227,112	2,643,003	0
Massachusetts	26,616,423	0	8,548,706	3,522,905	9,189,115	4,050,000	1,305,697
Michigan	30,525,914	2,756,984	0	880,828	20,662,258	6,225,844	0
Minnesota	25,093,959	4,545,874	0	4,929,165	0	15,618,920	0
Mississippi	9,788,541	114,017	0	6,374,191	0	3,300,333	0
Missouri	12,430,684	2,327,790	0	7,213,438	242,500	2,646,956	0
Montana	9,752,216	3,359,243	0	4,371,611	0	1,971,362	50,000
Nebraska	32,687,157	3,326,551	157,872	4,079,403	19,918,950	1,270,607	3,933,774
Nevada	3,643,395	208,642	0	474,700	0	1,632,800	1,327,253
New Hampshire	9,222,505	26,047	0	1,406,171	0	734,656	7,055,631
New Jersey	65,020,915	0	0	5,608,633	46,820,754	7,239,506	5,352,022
New Mexico	3,456,227	0	0	1,950,400	0	1,400,300	105,527
New York	506,283,025	8,293,408	65,172,565	21,860,827	308,203,902	10,073,889	92,678,434
North Carolina	38,818,576	14,078,340	1,680,920	6,263,664	5,202,825	9,103,250	2,489,577
North Dakota	17,874,336	3,145,930	9,398,767	624,754	3,313,396	1,298,374	93,115
Ohio	70,471,571	0	9,364,131	49,888,407	0	6,349,868	4,869,165
Oklahoma	27,646,238	1,514,338	883,335	3,000,003	16,139,607	4,292,220	1,816,735
Oregon	33,801,166	583,164	1,659,775	18,199,863	3,779,289	7,385,549	2,193,526
Pennsylvania	88,557,830	3,446,582	457,337	13,890,852	61,719,253	4,100,235	4,943,571
Rhode Island	8,361,413	99,985	136,999	6,658,944	363,485	900,000	202,000
South Carolina	50,056,315	1,770,038	562,345	29,745,041	13,374,650	2,581,949	2,022,292
South Dakota	4,595,753	2,486,260	0	0	0	2,109,493	0
Tennessee	38,959,330	0	0	314,273	0	5,399,804	33,245,253
Texas	247,609,284	1,353,356	0	6,661,241	214,612,352	24,982,335	0
Utah	8,837,531	305,965	0	5,847,503	0	2,684,063	0
Vermont	1,460,157	0	0	63,773	553,199	843,185	0
Virginia	40,253,504	3,267,434	412,180	10,742,492	2,963,275	16,489,762	6,378,361
Washington	60,886,219	13,620,631	15,236,975	22,916,358	1,362,789	4,527,700	3,221,766

TABLE 8

State government R&D expenditures, by state and function of R&D: FY 2022

(Dollars)

State	All R&D expenditures	Agriculture	Energy	Environment and natural resources	Health	Transportation	Other ^a
West Virginia	9,180,282	244,126	1,333,732	2,433,225	241,625	2,260,000	2,667,574
Wisconsin	19,060,693	2,539,311	0	7,047,780	1,314,143	4,217,027	3,942,432
Wyoming	5,657,338	640,504	1,150,355	2,086,841	656,000	768,083	355,555
Puerto Rico ^c	17,058,786	258,249	0	796,996	11,118,968	0	4,884,573

^a Other functions include, but are not limited to, corrections, criminal justice, education, forensic science, labor, public safety, and social services.

^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 2022.