

TABLE 16

State government expenditures for R&D funded from federal sources, by state and federal agency: FY 2022

(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other ^a
United States ^b	691,149,390	22,570,600	23,481,199	27,591,876	105,895,411	192,375,917	16,726,692	7,275,111	210,121,140	41,946,883	30,692,606	12,471,955
Alabama	10,458,091	82,342	184,113	474,723	2,455,579	3,303,930	1,447,475	4,837	0	547,738	93,319	1,864,035
Alaska	8,260,099	0	0	11,754	1,643,559	6,147,954	0	382,208	0	0	0	74,624
Arizona	3,330,756	0	0	0	1,061,745	1,131,946	0	0	0	0	1,137,065	0
Arkansas	1,840,818	0	0	0	977,426	863,392	0	0	0	0	0	0
California	20,301,828	112,254	0	0	1,357,341	16,060,000	1,619,410	1,052,067	46,500	0	54,256	0
Colorado	5,096,962	0	6,000	0	998,132	3,390,841	0	68,494	0	0	508,906	124,589
Connecticut	14,622,416	0	0	0	5,622,094	2,612,447	0	6,009	2,778,359	0	3,603,507	0
Delaware	1,533,976	95,828	0	0	429,872	907,347	0	74,000	0	26,929	0	0
District of Columbia	8,368,175	0	0	0	0	272,011	0	30,000	8,066,164	0	0	0
Florida	27,469,288	7,371,059	346,937	748,895	7,492,763	6,319,934	0	822,222	0	52,205	4,285,903	29,370
Georgia	16,555,047	543,007	0	11,629,167	662,664	3,720,209	0	0	0	0	0	0
Hawaii	3,397,342	0	2,042	0	0	2,011,079	0	0	198,221	0	850,000	336,000
Idaho	11,009,398	0	0	4,383,260	2,850,967	2,151,772	0	0	0	0	1,623,399	0
Illinois	7,466,369	0	0	0	0	7,466,369	0	0	0	0	0	0
Indiana	7,098,396	0	0	0	29,313	6,383,115	0	0	0	0	685,968	0
Iowa	5,359,474	0	0	0	1,963,217	2,916,341	0	0	0	0	232,493	247,423
Kansas	9,188,967	0	0	0	7,025,468	2,007,023	0	87,429	0	0	0	69,047
Kentucky	10,566,579	0	0	0	4,837,624	5,722,625	0	0	0	0	6,330	0
Louisiana	17,690,354	78,881	0	219,661	4,048,646	8,000,000	0	0	0	3,593,982	0	1,749,184
Maine	13,633,417	1,710,625	0	0	2,274,245	1,200,000	0	0	8,369,624	3,923	75,000	0
Maryland	1,732,396	0	0	0	237,993	1,474,403	0	20,000	0	0	0	0
Massachusetts	7,056,757	414,223	1,063,372	0	437,716	3,500,000	0	22,369	1,619,077	0	0	0
Michigan	6,869,738	0	0	0	0	5,515,325	0	228,439	602,087	0	523,887	0
Minnesota	8,566,979	0	0	0	1,384,576	6,371,527	0	0	0	0	810,876	0
Mississippi	7,914,852	751,841	0	0	3,193,954	3,021,441	0	0	0	0	114,017	833,599
Missouri	4,836,862	0	219,853	0	1,506,774	2,137,081	0	22,586	0	0	450,568	500,000
Montana	5,647,319	0	0	0	2,857,852	1,086,076	0	10,000	0	0	1,673,147	20,244
Nebraska	3,981,578	0	410,460	0	2,008,392	900,175	0	0	0	0	662,551	0
Nevada	2,068,342	0	0	0	0	1,919,700	0	0	0	0	148,642	0
New Hampshire	756,259	0	0	0	0	735,187	0	0	0	0	21,072	0
New Jersey	6,943,253	135,992	0	0	283,898	5,697,692	0	470,304	29,247	0	0	326,120
New Mexico	2,479,360	0	0	0	1,350,750	1,120,240	0	8,370	0	0	0	0
New York	246,154,735	315,982	19,595,112	3,450,000	402,196	5,261,954	201,099	1,002,567	176,553,690	36,523,494	2,833,759	14,882
North Carolina	9,627,170	718,568	0	0	0	8,339,000	0	149,727	0	0	0	419,875
North Dakota	1,904,626	0	0	0	0	1,264,241	0	0	0	0	93,115	547,270

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(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other ^a
Ohio	8,153,111	326,454	0	0	2,177,529	5,128,021	160,000	361,107	0	0	0	0
Oklahoma	7,056,971	0	0	0	1,647,936	3,281,609	0	239,362	1,444,468	0	443,596	0
Oregon	13,854,858	557,542	895,824	4,046,198	4,774,371	2,873,418	105,304	0	157,956	0	52,651	391,594
Pennsylvania	10,203,586	43,288	0	0	6,081,564	2,890,235	0	80,000	0	0	1,108,499	0
Rhode Island	5,740,186	322,919	0	0	4,742,267	675,000	0	0	0	0	0	0
South Carolina	29,762,759	8,151,576	728,469	130,555	12,375,697	1,952,420	0	193,764	5,976,959	5,000	248,319	0
South Dakota	1,338,277	0	0	0	0	1,338,277	0	0	0	0	0	0
Tennessee	16,915,160	0	0	0	151,913	4,319,843	12,443,404	0	0	0	0	0
Texas	27,162,975	0	0	0	3,187,153	20,774,235	0	0	1,718,344	0	874,117	609,126
Utah	1,669,847	0	0	0	0	1,232,665	0	131,217	0	0	305,965	0
Vermont	1,295,178	0	0	0	0	741,979	0	0	553,199	0	0	0
Virginia	16,230,355	96,662	0	0	3,104,054	6,298,398	750,000	196,631	519,300	421	949,916	4,314,973
Washington	15,068,376	741,557	29,017	1,652,851	2,806,150	3,744,600	0	1,170,795	1,487,945	0	3,435,461	0
West Virginia	4,275,461	0	0	0	1,639,699	1,710,000	0	0	0	681,636	244,126	0
Wisconsin	9,117,475	0	0	0	2,714,667	3,870,248	0	440,607	0	0	2,091,953	0
Wyoming	3,516,837	0	0	844,812	1,097,655	612,592	0	0	0	511,555	450,223	0
Puerto Rico ^c	6,129,178	0	0	0	0	0	0	0	6,066,299	62,879	0	0

DOC = Department of Commerce; DOD = Department of Defense; DOE = Department of Energy; DOI = Department of the Interior; DOT = Department of Transportation; ED = Department of Education; EPA = Environmental Protection Agency; HHS = Department of Health and Human Services; NSF = National Science Foundation; USDA = Department of Agriculture.

^a Other includes the Departments of Housing and Urban Development, Homeland Security, Justice, Labor, Treasury, and Veterans Affairs; National Aeronautics and Space Administration; and others.

^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.

Note(s):

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, FY 2022.