

TABLE 16

State government expenditures for R&D funded from federal sources, by state and federal agency: FY 2021

(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other ^a
United States ^b	612,123,519	19,551,988	8,466,077	24,977,083	104,838,922	193,239,062	7,347,231	5,619,101	186,336,216	7,680,678	26,306,316	27,760,845
Alabama	6,067,898	216,374	275,624	138,848	2,649,550	1,958,301	247,000	0	0	522,916	59,285	0
Alaska	11,068,861	0	0	0	2,028,593	8,285,625	0	662,537	0	0	0	92,106
Arizona	5,070,319	0	0	0	1,611,566	2,543,989	0	0	0	0	914,764	0
Arkansas	983,181	0	0	0	762,209	220,972	0	0	0	0	0	0
California	28,494,592	0	0	0	711,415	21,074,351	2,702,614	627,926	3,068,462	0	54,964	254,860
Colorado	6,546,643	0	23,575	0	2,441,788	3,274,866	0	70,974	0	0	614,541	120,899
Connecticut	15,879,739	0	32,761	0	5,822,801	2,109,918	0	0	4,676,381	14,459	3,223,419	0
Delaware	1,355,648	0	0	0	403,085	841,736	0	0	0	23,124	0	87,703
District of Columbia	6,245,794	0	0	0	0	243,025	0	0	5,701,269	0	0	301,500
Florida	25,068,596	5,835,230	427,079	63,058	6,955,174	5,360,199	0	993,952	0	20,465	5,258,768	154,671
Georgia	17,725,257	252,101	0	11,369,004	458,702	5,645,450	0	0	0	0	0	0
Hawaii	8,334,826	0	2,188,265	2,000,000	0	3,517,533	0	0	115,656	0	513,372	0
Idaho	9,698,956	0	0	4,232,852	3,132,880	1,881,821	0	115,127	0	0	336,276	0
Illinois	7,152,110	0	0	0	0	7,152,110	0	0	0	0	0	0
Indiana	6,875,499	0	0	0	166,962	6,428,537	0	0	0	0	280,000	0
Iowa	4,841,194	0	0	0	1,762,651	2,911,744	0	0	0	0	0	166,799
Kansas	8,343,437	0	0	0	6,113,806	2,177,974	0	51,657	0	0	0	0
Kentucky	7,548,030	0	0	0	1,412,298	6,135,732	0	0	0	0	0	0
Louisiana	19,523,775	0	0	1,257,316	4,347,706	0	0	0	0	4,869,444	0	9,049,309
Maine	12,263,843	1,610,540	0	0	1,879,359	1,200,000	0	0	7,438,983	134,961	0	0
Maryland	2,005,962	114,626	0	0	122,916	1,768,420	0	0	0	0	0	0
Massachusetts	6,047,993	218,223	566,930	0	447,605	3,183,706	0	22,369	1,609,160	0	0	0
Michigan	6,912,826	0	0	0	22,670	5,938,761	0	364,565	0	0	586,830	0
Minnesota	7,689,513	0	0	0	1,224,022	5,764,839	0	0	0	0	700,652	0
Mississippi	9,061,908	1,465,367	0	0	1,307,041	4,869,891	0	0	0	0	152,264	1,267,345
Missouri	4,240,386	0	451,011	0	1,626,841	1,650,453	0	87,260	0	0	224,821	200,000
Montana	5,600,354	0	0	0	2,863,513	1,239,894	0	9,304	0	0	1,465,456	22,187
Nebraska	6,288,269	0	0	0	4,198,454	1,387,584	0	0	0	0	702,231	0
Nevada	2,001,509	0	0	0	0	1,824,445	0	0	0	0	177,064	0
New Hampshire	631,502	0	0	0	0	574,966	0	0	0	0	56,536	0
New Jersey	5,466,394	0	0	0	311,619	4,437,628	0	578,838	8,540	0	0	129,769
New Mexico	2,152,671	0	0	0	593,995	1,449,219	0	109,457	0	0	0	0
New York	166,507,446	390,412	3,439,428	0	970,305	4,424,437	0	0	149,350,044	504,389	2,330,465	5,097,966
North Carolina	11,005,615	718,568	0	0	0	9,717,445	0	149,727	0	0	0	419,875

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(Dollars)

State	Total federal	DOC	DOD	DOE	DOI	DOT	ED	EPA	HHS	NSF	USDA	Other ^a
North Dakota	6,863,870	0	0	0	801,402	1,071,666	0	0	0	0	0	4,990,802
Ohio	8,732,356	47,539	0	0	1,474,561	4,994,556	215,700	0	2,000,000	0	0	0
Oklahoma	7,560,791	0	0	0	1,480,987	3,753,809	0	207,380	1,791,100	0	327,515	0
Oregon	14,233,548	429,124	773,220	4,018,865	4,642,022	2,992,484	65,263	0	792,480	0	74,587	445,503
Pennsylvania	10,315,593	0	0	0	5,164,024	4,366,553	0	510,852	0	0	274,164	0
Rhode Island	6,631,735	663,904	0	0	5,897,831	70,000	0	0	0	0	0	0
South Carolina	27,721,413	6,867,919	255,427	143,919	11,676,814	2,111,072	0	200,294	6,217,929	0	248,039	0
South Dakota	725,396	0	0	0	0	723,428	0	0	0	1,968	0	0
Tennessee	7,551,808	0	0	0	113,372	5,346,933	2,086,399	5,104	0	0	0	0
Texas	23,447,625	0	0	0	4,319,258	16,421,173	0	0	1,131,209	0	991,482	584,503
Utah	1,701,485	0	0	0	0	1,701,335	0	0	150	0	0	0
Vermont	1,081,618	0	0	0	0	918,245	0	0	163,373	0	0	0
Virginia	19,427,277	191,239	0	0	3,074,063	7,652,026	2,030,255	157,739	610,414	0	1,578,115	4,133,426
Washington	17,162,043	530,822	32,757	1,189,675	4,240,845	5,537,600	0	369,239	1,494,381	0	3,525,102	241,622
West Virginia	5,247,993	0	0	70,699	1,713,843	1,707,814	0	0	166,685	1,588,952	0	0
Wisconsin	5,893,866	0	0	0	2,488,100	1,793,444	0	324,800	0	0	1,287,522	0
Wyoming	3,124,556	0	0	492,847	1,402,274	881,353	0	0	0	0	348,082	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.

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 2021.