

Table 16. Total expenditures for R&D performed by nonprofit organizations, by state and source of funds: FYs 2022–24

(Dollars in thousands)

State	FY 2022				FY 2023				FY 2024			
	All R&D expenditures	Internal funds	Federal government	All other sources of funds	All R&D expenditures	Internal funds	Federal government	All other sources of funds	All R&D expenditures	Internal funds	Federal government	All other sources of funds
All states	28,052,093	7,568,079	11,648,446	8,835,568	30,816,896	8,375,967	12,353,301	10,087,629	29,448,982	8,594,351	11,162,065	9,692,565
Alabama	97,750	1,786	63,850	32,114	84,049	733	26,815	56,501	49,452	3,513	33,190	12,748
Alaska	16,387	5	15,424	959	30,856	34	19,108	11,714	14,465	528	12,420	1,517
Arizona	186,604	19,598	82,928	84,078	190,743	26,124	81,646	82,973	196,544	29,580	105,385	61,579
Arkansas	43,463	478	31,773	11,212	50,844	379	37,510	12,955	64,266	6,731	41,012	16,523
California	3,054,684	539,150	1,661,575	853,960	3,729,831	939,119	1,564,667	1,226,044	4,083,805	1,076,484	1,714,989	1,292,331
Colorado	334,398	29,091	92,383	212,924	252,518	12,364	79,544	160,610	169,325	18,749	75,182	75,393
Connecticut	116,386	52,916	28,873	34,597	131,815	50,642	42,230	38,943	99,975	7,211	23,585	69,179
Delaware	S	S	S	S	1,654	0	0	1,654	20,028	7,009	5,597	7,421
District of Columbia	1,098,218	385,830	213,518	498,870	1,527,036	413,738	358,368	754,930	1,206,811	270,313	299,517	636,981
Florida	517,798	90,578	205,644	221,577	636,848	91,576	244,705	300,567	456,801	92,315	151,611	212,874
Georgia	99,423	33,296	13,001	53,127	115,133	29,166	11,872	74,095	105,583	32,428	13,383	59,772
Hawaii	25,992	13,308	8,979	3,705	34,890	7,050	8,934	18,906	31,273	3,254	8,753	19,265
Idaho	14,314	3,269	2,644	8,401	10,674	572	1,393	8,709	11,399	1,202	1,348	8,850
Illinois	621,542	322,365	99,970	199,207	506,278	133,817	221,368	151,093	525,214	126,417	169,360	229,438
Indiana	19,131	15,962	45	3,125	22,861	10,602	385	11,873	26,344	15,371	128	10,845
Iowa	8,499	5,249	2,569	681	5,721	65	4,795	862	6,247	4,904	944	399
Kansas	9,038	5,871	80	3,087	19,965	12,425	690	6,850	17,073	8,955	842	7,276
Kentucky	4,553	2,909	56	1,587	62,397	27,129	1,398	33,871	127,130	28,695	51,092	47,343
Louisiana	71,125	34,899	29,332	6,894	77,711	7,633	53,602	16,477	34,367	2,947	8,240	23,180
Maine	308,582	65,949	162,993	79,640	274,686	70,583	172,641	31,462	288,780	83,708	165,264	39,808
Maryland	1,603,807	954,914	567,031	81,862	1,853,123	1,255,056	511,706	86,361	2,032,972	1,357,793	592,202	82,977
Massachusetts	5,791,608	1,055,992	2,674,160	2,061,456	7,327,610	1,256,117	3,551,204	2,520,289	6,391,439	1,261,592	2,656,934	2,472,913
Michigan	200,832	72,218	81,649	46,964	142,153	45,035	64,948	32,169	271,912	93,159	110,779	67,974
Minnesota	1,440,000	571,325	78,679	789,997	1,553,388	662,034	55,440	835,914	1,686,524	713,107	63,254	910,163
Mississippi	818	0	818	0	2,945	403	0	2,542	1,460	320	15	1,125
Missouri	124,882	46,094	33,010	45,778	138,246	56,201	38,692	43,353	140,315	63,639	39,204	37,472
Montana	9,369	47	2,151	7,170	9,669	2,109	1,050	6,510	7,187	1,287	565	5,336
Nebraska	65,969	3,113	62,073	783	17,622	7,700	9,189	733	25,588	9,147	15,748	693
Nevada	14,867	5,653	4,534	4,679	11,687	394	1,839	9,453	11,831	246	1,797	9,788
New Hampshire	46,228	9,023	17,786	19,420	62,416	21,513	19,180	21,724	59,777	1,055	19,337	39,385
New Jersey	307,198	143,594	40,765	122,838	194,713	54,016	64,663	76,034	109,562	61,404	14,664	33,494
New Mexico	23,274	5,650	9,127	8,497	98,971	14,192	41,683	43,097	157,521	12,456	68,659	76,405
New York	3,290,088	1,135,545	939,077	1,215,465	3,223,471	1,162,493	998,549	1,062,430	2,121,759	780,736	647,314	693,709
North Carolina	1,202,472	56,067	976,563	169,842	1,081,255	8,221	932,219	140,815	1,214,412	37,005	1,020,364	157,043
North Dakota	657	593	0	65	1,763	1,392	0	371	1,170	199	0	971

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(Dollars in thousands)

State	FY 2022				FY 2023				FY 2024			
	All R&D expenditures	Internal funds	Federal government	All other sources of funds	All R&D expenditures	Internal funds	Federal government	All other sources of funds	All R&D expenditures	Internal funds	Federal government	All other sources of funds
Ohio	1,584,179	579,804	675,390	328,984	1,841,399	690,670	800,567	350,163	1,851,823	662,649	724,300	464,875
Oklahoma	98,327	1,697	53,052	43,578	104,916	8,691	50,213	46,012	152,272	33,243	64,637	54,392
Oregon	31,162	1,009	14,646	15,507	38,097	2,853	10,713	24,531	39,050	3,814	16,779	18,457
Pennsylvania	737,023	220,080	301,294	215,649	920,254	186,486	451,940	281,829	942,159	283,340	418,237	240,582
Rhode Island	130,165	8,241	72,929	48,995	167,762	51,051	63,156	53,556	59,601	1,475	39,699	18,427
South Carolina	31,336	264	11,704	19,368	85,421	1,901	16,825	66,696	14,663	2,578	4,738	7,347
South Dakota	12,712	0	0	12,712	3,834	0	667	3,167	11,166	6,006	997	4,162
Tennessee	599,601	435,578	128,531	35,491	751,134	516,261	157,342	77,531	807,076	614,484	155,206	37,385
Texas	1,313,784	109,282	624,480	580,021	1,455,184	128,315	679,099	647,770	1,598,559	207,250	675,330	715,979
Utah	20,073	1,994	11,946	6,133	30,611	2,577	13,604	14,430	37,294	1,328	12,597	23,369
Vermont	999	0	999	0	7,548	0	2,790	4,758	12,047	2,019	7,534	2,495
Virginia	785,659	135,115	531,876	118,668	766,587	108,934	417,189	240,465	803,112	89,664	468,611	244,837
Washington	1,536,003	290,919	821,631	423,452	941,699	224,328	403,573	313,798	1,129,595	408,858	377,593	343,144
West Virginia	28,494	515	11,226	16,753	8,433	350	7,405	677	11,536	1,910	8,489	1,137
Wisconsin	372,088	101,167	185,345	85,576	207,969	72,834	55,809	79,326	204,779	60,040	54,402	90,337
Wyoming	529	74	335	120	507	89	378	39	5,938	2,230	239	3,469

i = more than 50% of the estimate is a combination of imputation and reweighting to account for nonresponse. S = suppressed for reliability; estimate does not meet publication standards because of high sampling variability, poor response quality, or other concerns about the estimate quality.

Note(s):
These data exclude nonprofit universities and colleges and federally funded research and development centers administered by nonprofit organizations. Detail may not add to total because of rounding.

Source(s):
National Center for Science and Engineering Statistics and Census Bureau, Nonprofit Research Activities module of the Annual Business Survey.