

TABLE 69

Higher education R&D expenditures, by state and source of funds: FY 2023

(Dollars in thousands)

State	All R&D expenditures	Source of funds					
		Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
United States	108,681,008	59,603,993	5,437,566	27,654,829	6,221,128	6,671,012	3,092,480
Alabama	1,579,469	852,721	76,056	476,377	90,423	46,777	37,115
Alaska	241,536	171,438	9,966	46,631	6,961	3,456	3,084
Arizona	1,939,790	828,326	148,673	630,991	51,044	132,499	148,257
Arkansas	457,800	193,302	61,055	160,876	13,496	13,769	15,302
California	13,473,649	7,190,081	548,596	2,872,732	876,382	1,383,387	602,471
Colorado	2,084,784	1,542,108	66,741	198,776	102,949	104,272	69,938
Connecticut	1,757,255	993,818	8,507	542,244	91,795	109,772	11,119
Delaware	461,627	226,636	17,254	192,620	5,252	9,372	10,493
District of Columbia	925,418	406,272	10,198	307,302	28,419	116,079	57,148
Florida	3,518,895	1,712,962	328,446	1,165,728	128,936	126,254	56,569
Georgia	3,663,637	2,235,643	205,443	864,443	188,903	150,139	19,066
Hawaii	339,716	215,599	17,577	79,211	3,887	21,781	1,661
Idaho	206,438	106,562	54,409	36,929	2,877	1,752	3,909
Illinois	3,476,127	2,115,612	51,323	868,708	198,082	199,884	42,518
Indiana	2,146,500	1,019,200	53,597	730,182	134,786	134,862	73,873
Iowa	1,102,499	534,285	42,726	395,602	55,319	37,995	36,572
Kansas	1,054,041	437,683	107,614	259,770	210,400	23,800	14,774
Kentucky	756,549	384,426	49,123	231,812	22,083	19,128	49,977
Louisiana	1,064,385	460,634	99,284	331,518	114,996	33,805	24,148
Maine	211,287	106,897	20,837	71,504	5,072	4,457	2,520
Maryland	5,987,528	4,722,204	115,606	728,844	167,183	234,170	19,521
Massachusetts	5,174,742	2,803,574	49,060	1,239,635	353,929	551,075	177,469
Michigan	3,368,889	1,745,518	64,733	1,212,840	156,373	142,391	47,034
Minnesota	1,365,645	717,493	83,872	404,729	56,733	42,630	60,188
Mississippi	608,155	314,446	122,058	148,631	6,855	14,340	1,825
Missouri	1,873,279	1,105,546	71,821	402,770	155,769	118,172	19,201
Montana	382,015	228,040	25,393	115,813	1,406	6,901	4,462
Nebraska	680,337	316,636	83,759	193,385	33,839	28,940	23,778
Nevada	325,781	144,228	11,970	145,746	5,134	5,919	12,784
New Hampshire	590,539	321,117	1,077	218,900	10,886	28,849	9,710
New Jersey	1,717,387	786,394	155,317	499,280	64,676	150,522	61,198
New Mexico	564,566	381,404	42,002	101,507	10,688	20,218	8,747
New York	9,058,400	4,965,967	303,976	2,070,036	671,872	656,558	389,991
North Carolina	4,344,862	2,545,110	221,023	900,845	387,926	227,056	62,902
North Dakota	373,912	120,566	98,723	127,107	18,730	2,201	6,585
Ohio	3,392,194	1,983,014	102,089	854,782	232,119	148,938	71,252
Oklahoma	725,008	306,252	48,667	322,017	32,707	13,151	2,214
Oregon	1,095,169	741,264	71,247	112,983	63,780	53,905	51,990
Pennsylvania	5,954,796	3,379,254	124,165	1,618,486	380,254	297,030	155,607
Rhode Island	513,818	355,462	6,749	93,812	8,286	38,924	10,585
South Carolina	918,964	447,154	54,225	328,962	51,644	22,550	14,429
South Dakota	129,045	61,993	22,579	22,583	2,454	4,095	15,341
Tennessee	1,972,549	1,072,733	46,239	658,055	101,062	66,247	28,213
Texas	8,330,578	3,560,492	1,055,701	2,360,953	560,247	485,865	307,320
Utah	1,264,913	771,302	33,925	344,224	60,959	38,890	15,613
Vermont	238,418	132,575	647	86,274	4,622	7,686	6,614
Virginia	2,297,277	1,060,874	166,858	765,680	101,569	113,653	88,643

TABLE 69

Higher education R&D expenditures, by state and source of funds: FY 2023

(Dollars in thousands)

State	All R&D expenditures	Source of funds					
		Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources
Washington	2,160,233	1,421,205	100,606	220,368	83,780	278,503	55,771
West Virginia	286,551	137,805	15,109	104,390	5,487	4,147	19,613
Wisconsin	2,215,597	1,030,352	149,015	692,683	91,176	190,827	61,544
Wyoming	150,124	68,467	7,464	67,771	2,848	1,934	1,640
Guam	22,388	18,992	2,252	1,083	59	2	0
Puerto Rico	115,688	83,228	1,204	25,699	3,966	1,409	182
Virgin Islands	20,259	19,127	1,010	NA	48	74	0

NA = not available; data were not provided by institution.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2023.