

TABLE 68

Higher education R&D expenditures, by state and source of funds: FY 2020

(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	86,296,178	46,143,829	4,596,633	21,946,790	5,184,925	5,745,238	2,678,763
Alabama	1,186,697	668,862	64,666	329,347	70,597	36,810	16,415
Alaska	177,537	117,950	4,792	45,529	4,320	2,182	2,764
Arizona	1,499,135	646,691	81,387	495,474	41,711	98,767	135,105
Arkansas	370,782	135,777	71,649	127,066	19,742	11,605	4,943
California	10,910,956	5,523,808	437,639	2,389,545	732,534	1,126,663	700,767
Colorado	1,665,742	1,185,506	52,888	189,942	87,134	94,207	56,065
Connecticut	1,400,865	760,588	11,807	430,411	84,679	102,139	11,241
Delaware	244,321	156,831	11,295	59,559	6,766	4,812	5,058
District of Columbia	684,793	333,185	5,446	192,720	26,548	90,192	36,702
Florida	2,722,627	1,278,252	252,254	889,925	114,269	130,730	57,197
Georgia	2,782,005	1,626,712	171,829	702,890	140,929	122,147	17,498
Hawaii	298,285	184,034	19,383	77,557	2,802	13,022	1,487
Idaho	170,595	86,213	40,139	35,938	3,206	1,998	3,101
Illinois	2,764,954	1,665,534	38,947	696,506	168,728	155,815	39,424
Indiana	1,733,623	756,064	46,570	626,632	111,896	128,912	63,549
Iowa	917,407	429,925	42,796	360,325	46,229	32,283	5,849
Kansas	739,872	318,888	72,227	203,583	111,333	29,458	4,383
Kentucky	641,301	302,255	49,722	201,630	21,919	19,738	46,037
Louisiana	798,373	309,352	96,798	227,320	99,014	40,441	25,448
Maine	151,263	66,227	21,534	54,140	3,032	4,127	2,203
Maryland	4,745,030	3,734,526	87,487	550,090	136,913	225,317	10,697
Massachusetts	4,361,466	2,413,765	42,451	996,243	329,957	426,280	152,770
Michigan	2,867,807	1,425,181	62,989	1,080,879	127,747	128,955	42,056
Minnesota	1,086,730	524,349	85,995	354,291	50,788	44,828	26,479
Mississippi	506,660	268,634	112,409	98,812	10,357	14,761	1,687
Missouri	1,444,375	821,530	29,650	351,102	118,297	112,041	11,755
Montana	290,297	160,950	25,204	91,295	3,758	6,608	2,482
Nebraska	586,777	255,357	71,276	180,551	30,607	23,254	25,732
Nevada	296,470	109,892	12,024	152,046	5,587	6,545	10,376
New Hampshire	484,313	243,635	5,945	188,555	12,789	25,644	7,745
New Jersey	1,385,864	679,242	103,899	301,877	86,749	130,742	83,355
New Mexico	376,331	246,554	27,322	75,246	6,258	13,167	7,784
New York	7,156,316	3,732,130	405,335	1,674,568	509,662	530,030	304,591
North Carolina	3,385,735	1,939,599	163,691	684,547	329,220	214,035	54,643
North Dakota	267,308	75,767	64,606	105,161	13,284	2,113	6,377
Ohio	2,518,803	1,553,657	74,237	498,105	216,432	128,511	47,861
Oklahoma	604,114	243,317	61,388	243,433	37,542	13,578	4,856
Oregon	894,789	608,968	57,580	110,486	49,196	51,110	17,449
Pennsylvania	4,820,355	2,631,476	104,372	1,384,506	317,561	293,798	88,642
Rhode Island	395,730	265,184	14,903	83,884	6,764	18,312	6,683
South Carolina	742,557	349,258	38,938	272,703	42,958	26,418	12,282
South Dakota	110,619	51,468	19,465	18,944	2,770	4,568	13,404
Tennessee	1,398,914	765,928	37,265	433,253	83,419	60,108	18,941
Texas	6,619,640	2,678,449	911,419	1,821,405	463,739	470,846	273,782
Utah	950,562	581,235	29,015	240,746	49,722	39,936	9,908
Vermont	193,824	100,302	1,115	74,273	3,618	8,606	5,910

TABLE 68

Higher education R&D expenditures, by state and source of funds: FY 2020

(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
Virginia	1,921,215	876,257	124,213	637,603	94,102	108,949	80,091
Washington	1,827,021	1,196,287	80,831	225,111	71,484	210,689	42,619
West Virginia	217,788	95,147	11,631	79,832	6,597	7,389	17,192
Wisconsin	1,746,799	808,584	126,081	548,630	60,704	149,911	52,889
Wyoming	93,061	57,353	5,164	24,503	4,519	1,394	128
Guam	13,043	9,722	1,706	1,555	25	0	35
Puerto Rico	111,101	75,685	1,559	26,490	4,412	629	2,326
Virgin Islands	13,631	11,787	1,700	26	0	118	0

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2020.