Table 25. Higher education R&D expenditures at institutions in the standard form survey population, by state: FYs 2010–25

(Dollars in thousands)

State	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
United States	61,286,610	65,274,393	65,730,064	66,978,647	67,161,428	68,520,986	71,737,194	75,150,488	79,027,030	83,490,430	86,308,537	89,706,305	97,684,505	108,703,229	117,501,503	124,273,460
Alabama	847,072	898,422	830,538	837,871	812,803	898,010	944,506	994,210	1,052,494	1,123,491	1,186,697	1,272,604	1,431,393	1,579,469	1,759,204	1,882,600
Alaska	180,888	185,942	181,983	184,472	174,431	163,012	167,308	176,424	165,198	169,296	177,537	196,501	226,717	241,536	275,510	295,214
Arizona	944,795	997,700	1,039,424	1,065,136	1,047,329	1,099,837	1,162,283	1,213,469	1,358,920	1,434,177	1,499,135	1,516,463	1,690,904	1,939,790	2,116,384	2,183,441
Arkansas	267,405	282,628	289,364	294,572	285,691	293,494	298,497	312,533	343,066	364,781	370,782	387,674	416,507	457,800	426,663	413,157
California	7,832,767	8,225,420	8,401,638	8,357,891	8,403,770	8,656,350	8,888,492	9,226,580	10,170,328	10,478,948	10,903,554	11,221,457	12,120,746	13,485,379	14,375,996	15,077,980
Colorado	1,180,741	1,292,081	1,338,888	1,253,466	1,232,376	1,273,753	1,378,920	1,461,877	1,552,251	1,622,011	1,665,742	1,746,975	1,898,797	2,084,784	2,193,926	2,279,337
Connecticut	888,949	945,705	947,346	1,060,448	1,062,741	1,092,405	1,176,170	1,255,538	1,288,078	1,387,319	1,400,865	1,494,357	1,587,047	1,759,984	1,999,988	2,250,644
Delaware	168,511	188,765	185,842	197,262	193,242	191,704	197,615	204,221	207,569	229,287	243,550	254,725	397,123	461,627	509,504	518,374
District of Columbia	470,217	493,469	501,534	524,241	543,149	559,222	555,721	601,551	630,161	664,872	684,793	717,928	783,163	928,829	1,018,427	1,044,055
Florida	1,994,860	2,125,648	2,179,352	2,171,626	2,272,556	2,354,871	2,483,359	2,584,487	2,529,896	2,682,412	2,694,387	2,750,264	3,048,253	3,518,895	3,786,994	4,020,987
Georgia	1,691,603	1,808,679	1,882,308	1,956,245	1,950,990	2,046,068	2,168,071	2,340,410	2,473,503	2,650,343	2,782,005	2,949,654	3,260,128	3,663,637	4,068,118	4,326,696
Hawaii	317,942	330,838	335,704	343,802	335,189	332,233	318,134	301,204	297,975	301,419	298,285	294,913	301,272	339,716	403,976	468,364
Idaho	126,433	142,364	146,326	143,728	142,772	146,700	154,989	163,093	171,053	167,903	170,595	165,913	179,835	206,438	215,656	247,548
Illinois	2,224,414	2,352,326	2,362,224	2,501,413	2,327,098	2,382,947	2,400,990	2,503,276	2,570,270	2,709,733	2,764,233	2,914,398	3,160,587	3,476,127	3,866,989	3,853,348
Indiana	1,186,421	1,271,364	1,306,462	1,336,343	1,308,856	1,323,824	1,408,862	1,461,367	1,505,426	1,661,312	1,715,310	1,699,302	1,872,200	2,146,500	2,301,675	2,459,630
Iowa	706,667	724,608	718,281	714,366	773,760	758,796	814,031	830,587	885,861	880,424	917,407	931,113	1,005,800	1,102,499	1,183,337	1,185,345
Kansas	482,901	511,048	527,122	545,364	547,813	562,254	559,279	577,566	640,735	703,716	739,872	785,055	882,644	1,054,041	1,205,981	1,367,370
Kentucky	575,277	596,081	586,240	550,941	533,834	516,754	546,527	583,143	596,532	615,383	641,301	655,290	733,242	756,549	788,005	831,304
Louisiana	713,675	727,510	699,228	671,580	665,754	662,778	683,125	690,958	744,283	778,357	798,373	830,787	940,849	1,063,651	1,168,491	1,273,447
Maine	137,516	139,983	120,072	104,573	124,688	103,102	100,351	122,740	128,500	151,249	153,262	165,224	191,739	211,287	223,493	245,708
Maryland	3,139,254	3,416,687	3,359,741	3,433,145	3,573,167	3,741,687	3,799,639	4,017,092	4,167,470	4,629,161	4,745,030	4,914,256	5,168,958	5,987,528	6,529,538	6,884,404
Massachusetts	2,749,926	2,949,264	3,214,549	3,532,767	3,500,516	3,673,620	3,796,798	3,928,192	4,059,931	4,305,676	4,389,620	4,555,840	4,835,816	5,176,414	5,497,794	5,700,485
Michigan	2,031,479	2,161,520	2,219,505	2,267,080	2,242,864	2,334,031	2,468,498	2,662,045	2,781,359	2,891,267	2,868,417	2,844,482	3,082,760	3,368,889	3,719,632	3,925,700
Minnesota	831,754	898,741	864,938	901,404	919,257	928,999	961,040	968,784	999,660	1,060,927	1,086,730	1,115,363	1,241,862	1,365,645	1,467,826	1,535,129
Mississippi	443,625	460,962	476,078	416,772	410,543	408,232	454,983	479,122	479,431	535,774	506,660	491,522	565,725	608,614	668,784	685,097
Missouri	1,087,432	1,121,330	1,098,287	1,074,632	1,050,665	1,074,115	1,151,047	1,188,439	1,260,217	1,368,942	1,444,375	1,582,870	1,708,351	1,873,279	2,017,905	2,479,876
Montana	207,827	195,267	196,721	185,996	181,127	181,680	195,125	229,206	230,099	273,459	290,297	330,081	340,611	382,015	425,370	463,456
Nebraska	400,660	412,756	438,303	444,917	454,744	464,664	481,383	513,581	535,911	572,488	586,550	589,184	626,792	680,337	725,732	768,569
Nevada	174,247	165,437	153,325	153,427	153,571	157,528	191,155	205,761	260,074	282,740	296,470	308,745	312,714	325,781	352,617	371,782
New Hampshire	311,455	359,839	366,337	354,296	365,537	357,665	379,991	455,859	471,347	473,061	484,313	498,518	551,187	590,539	650,431	664,082
New Jersey	1,075,872	1,141,570	1,113,109	1,173,474	1,130,474	1,106,186	1,158,998	1,261,174	1,350,470	1,336,562	1,393,596	1,352,770	1,516,963	1,717,387	1,810,160	1,871,622
New Mexico	422,868	405,339	400,952	403,776	412,428	390,913	367,031	370,329	369,927	365,769	376,331	473,773	545,210	564,566	581,677	599,758
New York	4,948,442	5,288,932	5,352,978	5,519,542	5,638,584	5,700,230	6,075,419	6,388,367	6,633,634	7,075,350	7,171,446	7,577,235	8,280,323	9,061,191	9,629,117	9,971,786
North Carolina	2,465,260	2,668,842	2,681,840	2,739,920	2,814,943	2,814,924	2,937,671	3,081,568	3,204,297	3,388,360	3,385,735	3,504,060	3,870,874	4,358,896	4,654,395	4,899,216
North Dakota	204,049	211,057	215,642	219,115	222,032	217,926	226,572	255,942	255,534	263,217	267,308	307,556	322,621	373,912	399,113	462,761
Ohio	2,051,857	2,221,827	2,128,968	2,168,267	2,158,565	2,152,796	2,193,019	2,299,112	2,370,346	2,499,431	2,518,803	2,788,160	3,079,902	3,392,194	3,691,288	3,877,256
Oklahoma	400,731	444,722	437,180	420,067	419,653	419,602	488,559	505,940	517,283	533,785	604,784	622,655	654,291	722,571	794,504	853,023

Table 25. Higher education R&D expenditures at institutions in the standard form survey population, by state: FYs 2010–25

(Dollars in thousands)

State	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
Oregon	696,272	739,733	722,421	704,764	705,688	719,881	759,243	780,741	820,988	863,844	894,789	929,378	1,000,261	1,093,574	1,170,060	1,201,593
Pennsylvania	3,128,420	3,315,363	3,239,240	3,361,374	3,328,851	3,356,723	3,950,517	4,178,978	4,406,037	4,649,772	4,819,394	4,933,707	5,379,806	5,954,796	6,447,014	6,704,857
Rhode Island	428,738	459,321	495,366	479,162	447,469	453,291	463,300	333,572	369,793	392,885	398,673	429,278	458,694	513,818	533,026	574,973
South Carolina	660,415	620,533	636,534	648,137	655,757	665,319	687,110	699,199	736,318	742,924	743,728	755,089	808,632	918,964	989,924	1,066,046
South Dakota	131,165	136,305	129,200	117,361	104,962	103,368	106,941	112,916	115,860	118,377	110,619	100,534	117,368	129,045	142,393	157,253
Tennessee	938,237	1,016,915	1,025,283	1,032,124	1,133,373	1,077,068	1,091,835	1,183,795	1,293,909	1,337,211	1,408,786	1,624,957	1,715,468	1,972,549	2,117,649	2,235,181
Texas	4,416,323	4,661,517	4,651,322	4,813,050	4,898,443	5,036,366	5,254,298	5,472,126	5,622,830	5,970,929	6,620,370	6,850,383	7,504,105	8,330,578	9,145,128	10,010,216
Utah	562,349	627,180	622,244	688,972	693,796	733,407	573,106	611,015	812,458	924,632	950,562	993,876	1,062,475	1,264,913	1,404,337	1,502,704
Vermont	132,792	137,303	120,226	121,110	114,549	119,663	120,306	122,003	131,670	138,716	193,824	198,247	218,910	238,418	251,691	284,432
Virginia	1,199,244	1,390,412	1,379,440	1,419,504	1,381,078	1,411,176	1,462,939	1,551,003	1,684,274	1,814,048	1,918,654	1,942,260	2,123,167	2,283,323	2,556,746	2,782,966
Washington	1,358,061	1,502,284	1,475,365	1,526,001	1,499,528	1,518,660	1,613,401	1,715,069	1,779,849	1,805,214	1,829,724	1,887,462	1,975,938	2,164,397	2,153,297	2,360,721
West Virginia	194,834	210,899	202,118	196,492	195,675	199,167	199,164	210,259	211,695	212,963	217,788	231,347	248,022	286,502	305,800	299,028
Wisconsin	1,335,621	1,442,933	1,483,983	1,419,426	1,412,594	1,372,168	1,458,791	1,504,025	1,542,080	1,659,741	1,746,640	1,771,499	1,954,004	2,215,597	2,440,956	2,446,091
Wyoming	55,319	57,549	65,611	65,490	51,422	56,996	112,056	125,032	113,063	80,353	93,061	93,202	139,764	150,124	167,306	215,432
American Samoa	ne	ne	ne	ne	ne	1,337	793	ne	ne	860	ne	815	ne	ne	ne	1,329
Guam	5,555	5,626	6,131	6,043	7,075	6,062	7,402	8,842	11,225	12,249	13,043	17,666	20,481	22,388	25,306	30,908
Puerto Rico	125,123	163,853	151,532	135,659	123,285	126,792	120,619	113,868	103,935	121,074	111,101	123,707	103,245	115,688	131,908	149,451
U.S. Virgin Islands	32,350	21,994	25,719	20,041	20,371	20,630	21,215	12,298	11,957	12,236	13,631	15,231	20,259	20,259	14,762	11,728

ne = not eligible; no institutions within the state met the criteria for inclusion.

Source(s):
National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.