TABLE 6

Federal obligations for science and engineering research and development to universities and colleges, by state and outlying area: FYs 2013–21

(Dollars in thousands)

State and outlying area	2013	2014	2015	2016	2017	2018	2019	2020	2021
All states and outlying areas	26,156,379	27,652,453	27,105,723	28,532,827	29,805,220	32,312,581	35,125,136	36,569,461	39,504,025
Alabama	321,501	342,731	366,300	354,347	362,466	442,266	491,035	494,908	498,006
Alaska	60,998	66,026	68,093	70,453	80,761	78,244	103,532	106,888	114,149
Arizona	369,923	338,536	330,839	341,024	370,208	395,623	441,188	450,662	558,327
Arkansas	59,099	55,414	53,583	105,763	66,975	80,354	93,615	98,094	131,562
California	3,751,425	3,913,639	3,844,294	3,980,511	4,100,917	4,419,364	4,630,852	4,787,585	5,416,776
Colorado	577,822	560,698	602,424	630,338	648,782	756,505	748,312	801,632	888,796
Connecticut	484,830	505,357	480,767	539,370	546,742	595,893	661,564	698,793	765,695
Delaware	80,240	91,524	74,641	101,649	123,061	112,677	121,590	123,611	236,411
District of Columbia	451,731	445,538	416,510	466,535	410,862	518,704	399,415	430,891	394,755
Florida	596,883	625,298	714,134	691,838	780,180	804,750	934,428	889,274	1,023,546
Georgia	774,289	760,899	848,903	703,447	1,030,375	1,124,666	1,313,038	1,496,955	1,149,906
Hawaii	153,615	160,303	133,731	144,285	133,213	145,466	149,419	138,801	171,432
Idaho	39,771	34,037	45,479	44,875	46,921	53,977	60,219	62,688	61,363
Illinois	1,032,232	1,071,739	1,050,021	1,107,639	1,086,485	1,177,732	1,317,966	1,377,654	1,475,304
Indiana	365,057	413,505	408,595	421,104	450,000	470,535	572,760	594,790	652,010
Iowa	260,779	259,396	252,865	251,203	260,110	273,515	279,598	330,667	321,224
Kansas	140,100	148,989	157,138	160,001	187,334	198,638	233,122	209,123	242,557
Kentucky	167,888	187,712	201,022	201,384	214,257	248,158	266,502	291,942	305,124
Louisiana	181,737	164,842	155,602	179,703	179,662	195,156	228,775	249,466	264,971
Maine	37,738	28,407	29,327	30,223	28,270	43,469	58,335	49,771	60,430
Maryland	1,674,842	1,819,872	1,735,240	2,221,496	2,099,003	2,207,702	2,340,952	2,457,453	2,470,413
Massachusetts	1,473,581	1,569,070	1,511,296	1,586,864	1,611,440	1,736,283	1,828,292	1,792,756	2,030,684
Michigan	855,361	1,126,469	883,575	911,278	959,249	1,025,403	1,089,037	1,142,712	1,187,746
Minnesota	379,573	384,110	366,677	361,242	362,868	403,328	432,918	449,222	481,158
Mississippi	105,163	101,662	117,796	141,269	150,808	177,902	203,370	164,564	168,637
Missouri	469,113	521,066	533,964	540,566	592,123	632,660	707,864	711,624	843,984
Montana	71,636	69,579	97,985	88,198	82,327	91,331	89,931	105,316	158,776
Nebraska	114,391	124,431	130,988	151,284	160,392	180,256	190,495	192,030	207,585
Nevada	53,148	61,143	56,554	63,157	57,360	63,935	81,351	82,258	82,172
New Hampshire	150,195	152,033	137,937	155,530	154,242	143,702	161,112	158,397	210,178
New Jersey	368,901	424,049	379,760	434,342	397,409	442,326	479,649	462,886	535,562
New Mexico	177,286	190,285	172,732	153,961	163,172	150,259	148,433	176,963	172,071
New York	2,144,774	2,267,021	2,205,034	2,288,543	2,549,883	2,726,205	2,978,234	3,142,649	3,701,188
North Carolina	1,121,613	1,171,335	1,184,998	1,214,465	1,219,225	1,376,537	1,533,634	1,504,813	1,750,467
North Dakota	52,918	55,057	60,002	70,549	44,034	50,625	38,722	86,292	92,100
Ohio	719,358	694,018	724,939	760,887	773,718	840,955	908,860	911,174	823,552
Oklahoma	105,778	114,549	111,316	103,621	131,089	159,982	187,807	215,532	180,410
Oregon	342,118	373,971	361,408	350,099	377,541	402,112	463,108	522,089	551,721
Pennsylvania	1,620,194	1,740,941	1,635,822	1,705,796	1,951,088	2,076,521	2,282,065	2,212,251	2,375,088
Rhode Island	126,058	132,567	135,006	141,999	162,532	174,036	204,531	216,144	271,976
South Carolina	168,316	199,492	200,699	232,301	242,583	247,667	254,015	266,734	309,583
South Dakota	24,838	38,114	42,011	30,371	34,781	34,170	33,027	37,483	33,993
Tennessee	516,933	524,722	511,899	566,792	541,610	597,854	597,472	725,049	692,690
Texas	1,298,056	1,362,718	1,399,782	1,503,552	1,603,066	1,720,647	1,955,673	2,307,379	2,378,815
Utah	271,080	294,821	272,680	293,519	306,057	370,100	524,418	466,983	433,155
Vermont	72,404	77,023	64,612	60,270	65,152	74,423	81,051	86,599	96,252
Virginia	441,950	467,180	458,851	486,250	480,050	536,199	588,940	563,260	631,826
Washington	676,362	740,867	702,161	680,989	704,148	777,223	827,974	835,323	916,901

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Federal obligations for science and engineering research and development to universities and colleges, by state and outlying area: FYs 2013–21

(Dollars in thousands)

State and outlying area	2013	2014	2015	2016	2017	2018	2019	2020	2021
West Virginia	37,008	45,065	46,337	48,379	44,533	52,017	60,650	75,681	98,455
Wisconsin	517,410	533,143	523,892	546,488	575,811	596,414	631,566	662,236	732,685
Wyoming	27,583	27,786	30,816	29,398	27,495	34,186	33,468	50,144	49,763
American Samoa	875	1,064	1,160	1,256	1,351	1,452	1,134	1,197	1,850
Guam	2,417	1,751	3,939	5,615	5,695	3,356	4,044	9,290	8,669
Puerto Rico	62,046	61,698	59,201	67,159	57,862	61,709	70,978	79,455	77,506
Trust Territory of the Pacific Islands	1,663	2,048	2,238	2,431	2,619	0	2,346	2,731	3,526
Virgin Islands	3,779	7,146	8,147	7,221	5,323	7,416	2,750	8,596	10,541

Note(s):
Detail may not add to total because of rounding.

Source(s):
National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions; National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2021–22, Federal Science and Engineering Support Module.