TABLE 3

Federal obligations for science and engineering to universities and colleges, by state and outlying area: FYs 2014–22

(Dollars in thousands)

State and outlying area	2014	2015	2016	2017	2018	2019	2020	2021	2022
All states and outlying areas	31,158,783	30,562,878	31,648,932	32,439,651	35,303,818	38,084,444	39,122,152	43,222,829	44,628,417
Alabama	402,625	422,018	401,759	398,795	489,338	540,544	531,815	581,957	624,060
Alaska	82,629	77,383	79,941	91,348	89,975	115,684	128,043	123,875	112,394
Arizona	378,079	370,620	394,092	403,357	435,199	482,711	479,451	603,521	645,465
Arkansas	76,218	83,253	124,245	75,749	89,078	112,668	119,108	154,659	166,656
California	4,286,899	4,175,558	4,308,145	4,399,064	4,743,954	4,906,329	5,060,428	5,802,921	6,097,377
Colorado	675,391	712,445	722,559	706,245	824,608	811,513	858,984	960,172	1,203,788
Connecticut	549,775	530,242	583,475	584,341	637,936	688,353	739,927	858,540	850,709
Delaware	103,641	85,192	110,931	130,429	122,174	138,647	136,654	254,296	178,295
District of Columbia	569,120	548,438	594,589	504,851	634,445	498,906	505,319	469,641	599,707
Florida	697,312	807,360	781,592	863,410	866,341	1,005,065	988,763	1,126,801	1,216,533
Georgia	913,948	973,143	760,343	1,072,876	1,177,291	1,377,691	1,554,936	1,235,838	1,355,535
Hawaii	174,657	144,257	158,276	144,456	158,741	172,601	150,598	200,470	156,569
Idaho	48,884	60,216	53,125	55,869	59,033	71,398	75,732	83,522	92,061
Illinois	1,165,821	1,163,027	1,205,503	1,191,520	1,275,438	1,419,238	1,470,064	1,634,531	1,646,088
Indiana	456,563	473,358	467,292	486,491	518,485	612,549	629,411	721,074	679,480
Iowa	306,501	302,734	299,278	283,441	313,362	312,626	366,818	371,343	472,468
Kansas	166,680	177,239	179,133	200,043	218,511	254,813	221,467	276,604	287,199
Kentucky	219,035	231,079	235,612	229,711	266,194	296,526	320,973	352,277	349,323
Louisiana	201,366	190,860	206,825	203,264	211,122	253,580	271,169	307,921	346,387
Maine	38,498	43,097	38,748	31,709	53,131	68,889	60,489	74,521	83,967
Maryland	2,131,721	1,993,871	2,337,179	2,184,151	2,314,775	2,415,778	2,537,079	2,583,100	2,508,610
Massachusetts	1,715,650	1,654,687	1,696,122	1,739,967	1,863,080	1,917,571	1,890,380	2,180,799	2,218,729
Michigan	1,280,348	1,064,850	1,105,167	1,127,173	1,208,599	1,231,391	1,264,428	1,297,755	1,362,081
Minnesota	432,100	421,532	409,401	397,658	438,929	483,037	494,619	539,777	643,438
Mississippi	126,694	149,827	168,698	163,573	194,489	216,018	174,524	195,900	207,272
Missouri	582,924	598,317	604,709	633,035	692,647	761,665	759,193	935,014	960,493
Montana	84,740	111,279	107,233	93,277	104,901	102,503	120,073	184,528	214,890
Nebraska	148,361	155,414	169,794	172,726	193,924	215,852	213,409	237,723	258,403
Nevada	69,421	65,083	68,684	63,846	68,935	91,098	92,761	87,674	106,273
New Hampshire	161,093	150,954	166,541	163,932	156,905	168,813	164,638	224,589	191,241
New Jersey	457,483	419,304	471,598	415,595	478,910	504,753	502,910	584,025	568,672
New Mexico	217,572	192,525	172,024	177,760	168,800	176,029	205,131	196,137	247,571
New York	2,512,800	2,408,460	2,503,301	2,745,392	2,939,084	3,160,971	3,330,003	3,966,902	3,683,461
North Carolina	1,280,135	1,310,951	1,349,891	1,330,488	1,496,830	1,662,047	1,633,195	1,901,280	1,914,718
North Dakota	70,736	72,284	83,824	53,769	53,690	49,688	99,802	105,880	90,117
Ohio	769,987	784,306	844,023	823,800	900,294	978,559	962,787	914,328	1,054,049
Oklahoma	140,844	138,255	113,790	144,703	168,517	209,142	230,014	207,925	246,088
Oregon	416,284	406,984	400,292	534,768	516,044	614,235	579,066	608,120	591,292
Pennsylvania	1,907,682	1,817,788	1,867,159	2,085,289	2,223,202	2,403,532	2,325,359	2,578,927	2,609,776
Rhode Island	144,600	146,920	153,549	172,329	185,161	216,941	226,334	286,811	269,304
South Carolina	237,482	232,952	265,874	269,570	283,216	287,364	296,517	341,660	360,466
South Dakota	56,884	53,781	45,555	41,439	43,726	45,425	45,103	47,147	69,015
Tennessee	610,685	588,621	639,833	585,082	667,729	662,342	785,553	776,000	920,433
Texas	1,517,064	1,578,993	1,678,287	1,766,643	1,961,228	2,146,145	2,432,708	2,631,526	2,666,814
Utah	329,107	291,983	324,098	329,758	396,964	546,005	489,657	477,049	475,645
Vermont	88,226	77,300	67,295	71,095	83,580	92,230	99,580	110,444	106,516
Virginia	537,080	526,602	550,181	536,877	593,675	641,634	619,535	720,586	759,182
Washington	820,577	784,060	755,054	766,493	880,489	1,021,099	908,380	1,008,599	1,075,668
West Virginia	58,329	58,656	57,544	49,766	58,313	68,634	91,426	115,699	101,649

TABLE 3

Federal obligations for science and engineering to universities and colleges, by state and outlying area: FYs 2014–22

(Dollars in thousands)

State and outlying area	2014	2015	2016	2017	2018	2019	2020	2021	2022
Wisconsin	600,947	596,951	621,572	628,007	649,247	698,207	705,233	801,039	799,791
Wyoming	33,810	35,331	30,450	28,827	35,803	45,663	57,349	55,556	52,699
American Samoa	2,513	2,725	2,952	1,663	1,705	1,605	1,197	4,282	4,298
Guam	3,456	5,732	7,522	6,420	3,895	5,383	9,924	12,871	12,204
Puerto Rico	83,723	78,842	87,383	67,524	83,590	94,104	90,999	86,942	90,775
Trust Territory of the Pacific Islands	4,772	5,022	5,524	2,744	0	3,131	2,731	7,659	8,081
U.S. Virgin Islands	9,311	10,215	11,365	7,543	8,590	5,520	10,409	14,092	14,644

Note(s):
Detail may not add to total because of rounding. For the FY 2020 survey, the Department of Defense (DOD) science and engineering support to higher education institutions and DOD R&D support to nonprofit organizations are known to be understated. However, the magnitude of the missing data is unknown. Data users should use caution when conducting any time series analysis that includes DOD obligations data for FY 2020.

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, Federal Science and Engineering Support module of the Survey of Federal Funds for Research and Development.