TABLE 9

Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2022

State and outlying area	All federal obligations	R&D	R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
All states and outlying areas						
Obligations (\$thousands)	44,628,417	41,303,924	512,849	17,885	1,942,928	850,83°
Institutions (number)	1,089	998	187	26	774	35
Alabama						
Obligations (\$thousands)	624,060	551,112	12,913	0	42,009	18,027
Institutions (number)	15	14	2	0	13	-
Alaska						
Obligations (\$thousands)	112,394	103,857	210	0	4,445	3,882
Institutions (number)	6	6	1	0	4	;
Arizona						
Obligations (\$thousands)	645,465	594,442	12,453	0	28,514	10,05
Institutions (number)	10	10	2	0	7	
Arkansas						
Obligations (\$thousands)	166,656	129,614	18,436	0	6,454	12,15 ⁻
Institutions (number)	11	11	3	0	8	:
California						
Obligations (\$thousands)	6,097,377	5,822,928	21,815	1,033	205,005	46,59
Institutions (number)	95	90	15	2	69	29
Colorado						
Obligations (\$thousands)	1,203,788	1,137,307	5,733	0	47,731	13,01
Institutions (number)	18	17	2	0	13	(
Connecticut						
Obligations (\$thousands)	850,709	785,534	13,632	0	41,101	10,443
Institutions (number)	16	13	2	0	10	;
Delaware						
Obligations (\$thousands)	178,295	160,126	1,286	0	7,681	9,20
Institutions (number)	3	2	1	0	2	;
District of Columbia						
Obligations (\$thousands)	599,707	525,083	47,488	116	23,492	3,528
Institutions (number)	13	13	1	1	7	Į.

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Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2022

State and outlying area	All federal obligations	R&D	R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
Obligations (\$thousands)	1,216,533	1,116,811	23,509	300	49,308	26,605
Institutions (number)	33	28	7	1	23	14
Georgia						
Obligations (\$thousands)	1,355,535	1,277,521	6,591	0	51,525	19,899
Institutions (number)	20	19	5	0	17	7
Hawaii						
Obligations (\$thousands)	156,569	141,677	601	0	10,641	3,650
Institutions (number)	6	6	2	0	3	
Idaho						
Obligations (\$thousands)	92,061	59,753	12,492	0	12,663	7,152
Institutions (number)	5	4	3	0	4	
Illinois						
Obligations (\$thousands)	1,646,088	1,531,129	18,506	0	69,547	26,906
Institutions (number)	40	39	5	0	27	Ç
Indiana						
Obligations (\$thousands)	679,480	636,450	689	321	18,208	23,812
Institutions (number)	15	15	4	1	10	4
lowa						
Obligations (\$thousands)	472,468	417,612	9,598	0	22,478	22,780
Institutions (number)	13	13	3	0	6	1
Kansas						
Obligations (\$thousands)	287,199	253,924	1,604	0	14,488	17,183
Institutions (number)	9	9	2	0	7	4
Kentucky						
Obligations (\$thousands)	349,323	306,670	3,247	0	22,835	16,572
Institutions (number)	16	13	3	0	12	
Louisiana	-	-				
Obligations (\$thousands)	346,387	298,713	17,017	0	17,366	13,290
Institutions (number)	12	12	5	0	7	
Maine						
Obligations (\$thousands)	83,967	70,912	0	1,000	6,423	5,633

TABLE 9

Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2022

All federal obligations	R&D	R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
9	8	0	1	5	
2,508,610	2,412,866	7,048	1,157	73,772	13,767
22	21	3	1	16	6
2,218,729	2,079,365	37,453	1,756	71,517	28,638
49	40	12	3	30	13
1,362,081	1,273,507	10,137	1,325	54,657	22,455
27	21	5	2	19	8
643,438	577,122	980	0	37,024	28,312
27	22	2	0	16	Į
207,272	169,701	2,742	0	7,029	27,800
7	6	1	0	7	4
960,493	874,560	11,530	0	56,606	17,797
22	19	2	0	18	7
214,890	174,384	1,094	0	23,002	16,409
14	12	2	0	11	10
258,403	224,095	4,265	0	18,850	11,193
13	12	2	0	11	4
106,273	96,042	1,371	0	4,379	4,481
4	4	2	0	3	2
191,241	180,016	1,030	0	6,234	3,961
6	5	1	0	4	3
	obligations 9 2,508,610 22 2,218,729 49 1,362,081 27 643,438 27 207,272 7 960,493 22 214,890 14 258,403 13 106,273 4	obligations R&D 9 8 2,508,610 2,412,866 22 21 2,218,729 2,079,365 49 40 1,362,081 1,273,507 27 21 643,438 577,122 27 22 207,272 169,701 7 6 960,493 874,560 22 19 214,890 174,384 14 12 258,403 224,095 13 12 106,273 96,042 4 4 191,241 180,016	obligations R&D plant 9 8 0 2,508,610 2,412,866 7,048 22 21 3 2,218,729 2,079,365 37,453 49 40 12 1,362,081 1,273,507 10,137 27 21 5 643,438 577,122 980 27 22 2 207,272 169,701 2,742 7 6 1 960,493 874,560 11,530 22 19 2 214,890 174,384 1,094 14 12 2 258,403 224,095 4,265 13 12 2 106,273 96,042 1,371 4 4 2 191,241 180,016 1,030	obligations R&D plant for instruction in S&E 9 8 0 1 2,508,610 2,412,866 7,048 1,157 22 21 3 1 2,218,729 2,079,365 37,453 1,756 49 40 12 3 1,362,081 1,273,507 10,137 1,325 27 21 5 2 643,438 577,122 980 0 27 22 2 0 207,272 169,701 2,742 0 960,493 874,560 11,530 0 22 19 2 0 214,890 174,384 1,094 0 14 12 2 0 258,403 224,095 4,265 0 13 12 2 0 106,273 96,042 1,371 0 4 4 2 0 <t< td=""><td>obligations R&D plant for instruction in S&E and training grants 9 8 0 1 5 2,508,610 2,412,866 7,048 1,157 73,772 22 21 3 1 16 2,218,729 2,079,365 37,453 1,756 71,517 49 40 12 3 30 1,362,081 1,273,507 10,137 1,325 54,657 27 21 5 2 19 643,438 577,122 980 0 37,024 27 22 2 0 16 207,272 169,701 2,742 0 7,029 7 6 1 0 7 960,493 874,560 11,530 0 56,606 22 19 2 0 18 214,890 174,384 1,094 0 23,002 14 12 2 0</td></t<>	obligations R&D plant for instruction in S&E and training grants 9 8 0 1 5 2,508,610 2,412,866 7,048 1,157 73,772 22 21 3 1 16 2,218,729 2,079,365 37,453 1,756 71,517 49 40 12 3 30 1,362,081 1,273,507 10,137 1,325 54,657 27 21 5 2 19 643,438 577,122 980 0 37,024 27 22 2 0 16 207,272 169,701 2,742 0 7,029 7 6 1 0 7 960,493 874,560 11,530 0 56,606 22 19 2 0 18 214,890 174,384 1,094 0 23,002 14 12 2 0

TABLE 9
Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2022

State and outlying area	All federal obligations	R&D	R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
Obligations (\$thousands)	568,672	532,366	9,050	91	19,664	7,500
Institutions (number)	19	18	4	1	13	(
New Mexico						
Obligations (\$thousands)	247,571	202,664	9,250	0	21,507	14,150
Institutions (number)	10	10	2	0	9	8
New York						
Obligations (\$thousands)	3,683,461	3,465,709	51,105	2,024	130,314	34,308
Institutions (number)	99	92	18	4	72	23
North Carolina						
Obligations (\$thousands)	1,914,718	1,790,982	7,608	0	83,643	32,484
Institutions (number)	31	29	5	0	25	11
North Dakota						
Obligations (\$thousands)	90,117	76,305	14	0	6,839	6,960
Institutions (number)	10	9	1	0	9	6
Ohio						
Obligations (\$thousands)	1,054,049	979,136	3,342	1,003	44,895	25,672
Institutions (number)	37	31	6	1	26	11
Oklahoma						
Obligations (\$thousands)	246,088	210,839	5,227	0	16,892	13,129
Institutions (number)	7	7	2	0	6	ϵ
Oregon						
Obligations (\$thousands)	591,292	517,912	40,544	0	22,956	9,881
Institutions (number)	15	15	3	0	11	2
Pennsylvania						
Obligations (\$thousands)	2,609,776	2,461,686	18,389	1,004	102,731	25,966
Institutions (number)	50	49	8	3	29	8
Rhode Island						
Obligations (\$thousands)	269,304	256,476	0	530	9,387	2,911
Institutions (number)	6	5	0	1	3	2
South Carolina						
Obligations (\$thousands)	360,466	316,673	874	0	32,251	10,669

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Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2022

All federal obligations	R&D	R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
17	17	1	0	12	,
69,015	49,070	1,527	753	10,070	7,595
10	9	2	1	7	(
920,433	820,609	12,748	0	63,478	23,598
24	21	8	0	18	(
2.666.814	2.468.086	24.002	1.249	125.829	47,648
70	00	9		53	20
475,645	443,411	2,517	0	24,348	5,368
9	9	2	0	7	:
106,516	95,652	0	0	3,310	7,554
7	6	0	0	2	
759,182	684,024	9,983	4,224	36,564	24,386
28	26	8	1	21	{
1,075,668	993,788	2,189	0	61,913	17,777
			0		
101,649	87,686	40	0	6,047	7,876
			0		
700 701	728 566	7.824	0	46 735	16,665
					10,000
23	23		0	10	(
52,699	44,701	0	0	4,993	3,006
2	2	0	0	2	1
	obligations 17 69,015 10 920,433 24 2,666,814 70 475,645 9 106,516 7 759,182 28 1,075,668 23 101,649 11 799,791 25 52,699	obligations R&D 17 17 69,015 49,070 10 9 920,433 820,609 24 21 2,666,814 2,468,086 70 66 475,645 443,411 9 9 106,516 95,652 7 6 759,182 684,024 28 26 1,075,668 993,788 23 20 101,649 87,686 11 11 799,791 728,566 25 23 52,699 44,701	obligations R&D plant 17 17 1 69,015 49,070 1,527 10 9 2 920,433 820,609 12,748 24 21 8 2,666,814 2,468,086 24,002 70 66 9 475,645 443,411 2,517 9 9 2 106,516 95,652 0 759,182 684,024 9,983 28 26 8 1,075,668 993,788 2,189 23 20 3 101,649 87,686 40 11 11 1 799,791 728,566 7,824 25 23 2 52,699 44,701 0	obligations R&D plant for instruction in S&E 17 17 1 0 69,015 49,070 1,527 753 10 9 2 1 920,433 820,609 12,748 0 24 21 8 0 2,666,814 2,468,086 24,002 1,249 70 66 9 2 475,645 443,411 2,517 0 9 9 2 0 106,516 95,652 0 0 759,182 684,024 9,983 4,224 28 26 8 1 1,075,668 993,788 2,189 0 23 20 3 0 101,649 87,686 40 0 11 11 1 0 799,791 728,566 7,824 0 25 23 2 0 52,699	obligations R&D plant for instruction in S&E and training grants 17 17 1 0 12 69,015 49,070 1,527 753 10,070 10 9 2 1 7 920,433 820,609 12,748 0 63,478 24 21 8 0 18 2,666,814 2,468,086 24,002 1,249 125,829 70 66 9 2 53 475,645 443,411 2,517 0 24,348 9 9 2 0 7 106,516 95,652 0 0 3,310 7 6 0 0 2 759,182 684,024 9,983 4,224 36,564 28 26 8 1 21 1,075,668 993,788 2,189 0 61,913 23 20 3 0 60,047

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Federal obligations for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2022

State and outlying area	All federal obligations	R&D	R&D plant	Facilities and equipment for instruction in S&E	S&E fellowships, traineeships, and training grants	Other general support for S&E
Obligations (\$thousands)	4,298	1,918	0	0	300	2,080
Institutions (number)	1	1	0	0	1	1
Guam						
Obligations (\$thousands)	12,204	9,712	0	0	340	2,152
Institutions (number)	1	1	0	0	1	1
Puerto Rico						
Obligations (\$thousands)	90,775	68,603	304	0	11,835	10,033
Institutions (number)	17	14	1	0	13	6
Trust Territory of the Pacific Islands						
Obligations (\$thousands)	8,081	3,719	0	0	165	4,197
Institutions (number)	3	2	0	0	1	2
U.S. Virgin Islands						
Obligations (\$thousands)	14,644	10,796	841	0	939	2,069
Institutions (number)	1	1	1	0	1	1

S&E = science and engineering.

Note(s):

Detail may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Federal Science and Engineering Support FY 2022 module of the FYs 2022–23 Survey of Federal Funds for Research and Development.