

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 2024

(Dollars in thousands and number)

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)	46,854,308	43,907,552	433,587	6,678	2,114,719	391,772
Institutions (number)	1,125	1,006	183	10	818	276
Alabama						
Obligations (\$thousands)	693,363	625,784	597	0	64,016	2,966
Institutions (number)	19	15	2	0	16	2
Alaska						
Obligations (\$thousands)	140,811	135,931	210	0	3,498	1,172
Institutions (number)	6	6	1	0	4	2
Arizona						
Obligations (\$thousands)	585,616	532,094	12,453	0	36,340	4,729
Institutions (number)	9	9	2	0	7	3
Arkansas						
Obligations (\$thousands)	197,413	165,754	10,461	0	15,348	5,850
Institutions (number)	9	9	2	0	7	2
California						
Obligations (\$thousands)	5,770,800	5,489,023	25,823	1,201	233,749	21,003
Institutions (number)	104	97	15	2	78	26
Colorado						
Obligations (\$thousands)	1,295,710	1,228,448	2,540	0	53,780	10,942
Institutions (number)	17	17	1	0	10	4
Connecticut						
Obligations (\$thousands)	906,419	849,664	13,632	0	40,335	2,788
Institutions (number)	15	12	2	0	10	2
Delaware						
Obligations (\$thousands)	154,726	138,172	1,275	0	6,739	8,540
Institutions (number)	3	2	1	0	2	2
District of Columbia						
Obligations (\$thousands)	580,563	506,842	47,488	0	25,126	1,107
Institutions (number)	12	12	1	0	7	4
Florida						
Obligations (\$thousands)	1,316,505	1,219,241	31,540	86	55,369	10,269
Institutions (number)	33	29	7	1	26	15
Georgia						
Obligations (\$thousands)	1,324,145	1,244,519	10,591	189	61,881	6,965
Institutions (number)	23	18	6	1	23	7
Hawaii						
Obligations (\$thousands)	187,788	176,121	601	0	10,925	139

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Institutions (number)	5	5	2	0	4	1
Idaho						
Obligations (\$thousands)	88,476	65,494	12,497	0	9,250	1,234
Institutions (number)	3	3	3	0	3	1
Illinois						
Obligations (\$thousands)	1,752,925	1,663,408	7,181	0	74,920	7,415
Institutions (number)	44	38	5	0	31	10
Indiana						
Obligations (\$thousands)	698,899	665,601	689	0	26,426	6,183
Institutions (number)	16	15	4	0	11	5
Iowa						
Obligations (\$thousands)	384,781	357,965	1,623	0	19,831	5,362
Institutions (number)	15	14	3	0	7	2
Kansas						
Obligations (\$thousands)	331,948	274,149	1,604	0	17,628	38,567
Institutions (number)	9	8	2	0	7	4
Kentucky						
Obligations (\$thousands)	354,727	311,814	9,575	0	31,275	2,062
Institutions (number)	16	14	3	0	11	3
Louisiana						
Obligations (\$thousands)	331,894	298,465	9,087	0	17,687	6,655
Institutions (number)	14	12	5	0	9	4
Maine						
Obligations (\$thousands)	124,095	94,657	0	1,000	8,171	20,267
Institutions (number)	10	8	0	1	7	5
Maryland						
Obligations (\$thousands)	3,009,271	2,906,586	1,586	0	92,205	8,894
Institutions (number)	25	24	4	0	16	4
Massachusetts						
Obligations (\$thousands)	2,208,142	2,070,365	39,796	1,000	74,832	22,148
Institutions (number)	50	40	11	1	32	13
Michigan						
Obligations (\$thousands)	1,486,124	1,399,802	10,151	1,000	67,001	8,169
Institutions (number)	26	22	5	1	18	7
Minnesota						
Obligations (\$thousands)	597,979	562,516	980	0	33,241	1,242
Institutions (number)	25	21	2	0	15	1
Mississippi						

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Obligations (\$thousands)	206,880	182,543	10,742	0	10,110	3,485
Institutions (number)	7	6	2	0	7	2
Missouri						
Obligations (\$thousands)	1,026,113	966,720	1,267	0	52,763	5,363
Institutions (number)	21	19	3	0	17	4
Montana						
Obligations (\$thousands)	191,112	168,250	1,094	0	15,740	6,028
Institutions (number)	10	10	2	0	9	4
Nebraska						
Obligations (\$thousands)	253,238	238,918	438	0	11,729	2,153
Institutions (number)	11	10	1	0	8	3
Nevada						
Obligations (\$thousands)	89,474	82,383	1,371	0	4,248	1,472
Institutions (number)	4	4	2	0	3	3
New Hampshire						
Obligations (\$thousands)	212,418	198,411	1,030	0	7,887	5,089
Institutions (number)	7	6	1	0	4	1
New Jersey						
Obligations (\$thousands)	582,670	534,156	7,020	0	36,432	5,061
Institutions (number)	20	18	4	0	16	4
New Mexico						
Obligations (\$thousands)	291,221	269,149	2,176	0	19,241	655
Institutions (number)	9	9	2	0	7	3
New York						
Obligations (\$thousands)	4,067,396	3,853,761	39,127	1,202	146,764	26,542
Institutions (number)	104	96	16	2	77	25
North Carolina						
Obligations (\$thousands)	1,878,310	1,781,724	4,399	0	86,069	6,119
Institutions (number)	31	30	5	0	22	5
North Dakota						
Obligations (\$thousands)	116,553	107,754	12	0	8,323	463
Institutions (number)	9	8	1	0	9	2
Ohio						
Obligations (\$thousands)	1,210,454	1,151,530	11,342	0	40,145	7,438
Institutions (number)	41	31	6	0	30	10
Oklahoma						
Obligations (\$thousands)	254,267	231,174	5,195	0	16,955	944
Institutions (number)	12	12	2	0	5	4

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Oregon						
Obligations (\$thousands)	586,000	511,359	40,532	0	31,105	3,004
Institutions (number)	17	16	3	0	12	5
Pennsylvania						
Obligations (\$thousands)	2,610,041	2,475,086	7,563	0	117,945	9,448
Institutions (number)	56	50	9	0	36	8
Rhode Island						
Obligations (\$thousands)	271,471	256,623	0	0	8,894	5,954
Institutions (number)	7	6	0	0	3	2
South Carolina						
Obligations (\$thousands)	385,698	346,830	905	0	31,400	6,563
Institutions (number)	17	16	2	0	13	3
South Dakota						
Obligations (\$thousands)	56,389	45,475	1,527	0	8,575	812
Institutions (number)	10	9	2	0	7	1
Tennessee						
Obligations (\$thousands)	1,159,872	1,081,093	657	0	63,763	14,359
Institutions (number)	25	20	3	0	20	9
Texas						
Obligations (\$thousands)	2,976,465	2,812,286	16,902	1,000	123,583	22,693
Institutions (number)	74	71	9	1	59	20
Utah						
Obligations (\$thousands)	588,621	561,321	2,529	0	21,418	3,353
Institutions (number)	9	9	2	0	7	1
Vermont						
Obligations (\$thousands)	109,562	103,988	0	0	2,094	3,480
Institutions (number)	6	5	0	0	2	2
Virginia						
Obligations (\$thousands)	807,921	760,815	5,778	0	35,820	5,509
Institutions (number)	27	26	7	0	19	7
Washington						
Obligations (\$thousands)	1,077,706	980,512	2,189	0	62,510	32,495
Institutions (number)	22	18	3	0	16	9
West Virginia						
Obligations (\$thousands)	117,636	106,510	40	0	9,000	2,086
Institutions (number)	10	9	1	0	10	1
Wisconsin						
Obligations (\$thousands)	981,780	920,396	7,824	0	48,790	4,771

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Institutions (number)	28	24	2	0	21	3
Wyoming						
Obligations (\$thousands)	93,169	90,759	0	0	1,703	707
Institutions (number)	2	2	0	0	2	1
American Samoa						
Obligations (\$thousands)	2,024	2,024	0	0	0	0
Institutions (number)	1	1	0	0	0	0
Guam						
Obligations (\$thousands)	11,499	11,299	0	0	200	0
Institutions (number)	1	1	0	0	1	0
Northern Mariana Islands <sup>a</sup>						
Obligations (\$thousands)	2,034	2,034	0	0	0	0
Institutions (number)	1	1	0	0	0	0
Puerto Rico						
Obligations (\$thousands)	100,437	79,717	9,107	0	10,558	1,055
Institutions (number)	17	12	3	0	14	5
U.S. Virgin Islands						
Obligations (\$thousands)	12,761	10,535	841	0	1,385	0
Institutions (number)	1	1	1	0	1	0

S&E = science and engineering.

<sup>a</sup> Effective in FY 2023, the label Trust Territory of the Pacific Islands was updated in this table to the Northern Mariana Islands. The Trust Territory of the Pacific Islands was dissolved in 1994; the Federated States of Micronesia, the Republic of the Marshall Islands, and Palau became independent states while the Northern Mariana Islands remains a U.S. territory.

**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 2024 module of the FYs 2024–25 Survey of Federal Funds for Research and Development.