

TABLE 10. Federal obligations, including ARRA obligations, for science and engineering to universities and colleges and number of recipient institutions, by state, outlying area, and type of activity: FY 2009

State and outlying area	All federal obligations	Research and development	R&D plant	Facilities for instruction in S&E	Fellowships traineeships, and training grants	General support for S&E	Other S&E activities
<b>All states and outlying areas</b>							
Obligations (\$thousands)	36,166,184	32,420,665	790,695	4,558	895,170	242,739	1,812,356
Institutions (number)	1,205	951	343	21	509	202	744
<b>Alabama</b>							
Obligations (\$thousands)	520,848	406,605	12,805	0	11,462	6,700	83,277
Institutions (number)	20	14	5	0	9	3	15
<b>Alaska</b>							
Obligations (\$thousands)	261,706	90,640	163,352	0	1,825	200	5,690
Institutions (number)	5	5	2	0	2	1	3
<b>Arizona</b>							
Obligations (\$thousands)	486,463	436,665	10,123	0	11,885	2,151	25,639
Institutions (number)	17	8	4	0	4	2	15
<b>Arkansas</b>							
Obligations (\$thousands)	130,614	104,834	4,800	0	3,045	276	17,659
Institutions (number)	15	10	5	1	9	1	4
<b>California</b>							
Obligations (\$thousands)	4,730,471	4,289,297	95,073	400	136,249	34,221	175,230
Institutions (number)	115	71	28	1	52	17	84
<b>Colorado</b>							
Obligations (\$thousands)	811,703	699,675	22,779	40	18,867	4,175	66,168
Institutions (number)	18	11	6	2	7	6	14
<b>Connecticut</b>							
Obligations (\$thousands)	625,726	592,326	1,115	0	23,328	2,024	6,933
Institutions (number)	11	10	3	0	3	2	4
<b>Delaware</b>							
Obligations (\$thousands)	125,070	113,108	698	0	1,633	140	9,491
Institutions (number)	3	2	2	0	2	1	3
<b>District of Columbia</b>							
Obligations (\$thousands)	453,346	331,401	107,772	0	3,034	3,870	7,269
Institutions (number)	8	8	5	0	7	3	7
<b>Florida</b>							
Obligations (\$thousands)	871,416	787,655	10,856	0	15,615	3,180	54,110
Institutions (number)	34	25	9	0	12	4	22
<b>Georgia</b>							
Obligations (\$thousands)	892,994	791,605	6,821	0	18,019	8,366	68,182
Institutions (number)	27	23	8	0	12	7	20
<b>Hawaii</b>							
Obligations (\$thousands)	206,282	188,371	4,096	0	3,200	572	10,043
Institutions (number)	4	4	2	0	3	2	3
<b>Idaho</b>							
Obligations (\$thousands)	70,083	57,819	2,320	0	1,577	0	8,366
Institutions (number)	4	4	3	0	3	0	3
<b>Illinois</b>							
Obligations (\$thousands)	1,409,230	1,242,748	73,074	56	35,932	8,395	49,025
Institutions (number)	43	37	13	2	15	7	25

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Indiana							
Obligations (\$thousands)	580,832	534,604	7,074	0	10,064	1,346	27,745
Institutions (number)	22	18	7	0	7	2	10
Iowa							
Obligations (\$thousands)	378,376	337,157	5,803	0	10,109	3,288	22,019
Institutions (number)	18	15	5	0	4	2	5
Kansas							
Obligations (\$thousands)	222,949	195,292	3,053	0	5,655	850	18,100
Institutions (number)	15	11	2	0	4	2	9
Kentucky							
Obligations (\$thousands)	286,943	246,531	10,406	0	4,572	655	24,778
Institutions (number)	12	11	5	0	8	2	7
Louisiana							
Obligations (\$thousands)	284,124	244,796	2,405	0	5,492	3,383	28,049
Institutions (number)	17	16	3	0	9	5	11
Maine							
Obligations (\$thousands)	63,943	52,751	1,007	400	1,247	195	8,343
Institutions (number)	12	12	2	1	4	1	7
Maryland							
Obligations (\$thousands)	2,169,122	2,025,883	5,341	19	44,881	33,685	59,313
Institutions (number)	32	25	5	1	13	8	17
Massachusetts							
Obligations (\$thousands)	2,008,656	1,853,545	27,643	400	51,455	14,235	61,379
Institutions (number)	49	43	16	1	23	10	27
Michigan							
Obligations (\$thousands)	1,150,268	1,056,390	12,049	470	27,672	3,931	49,758
Institutions (number)	24	22	10	4	11	5	15
Minnesota							
Obligations (\$thousands)	514,046	472,682	3,627	0	13,790	1,788	22,158
Institutions (number)	24	15	10	0	7	3	14
Mississippi							
Obligations (\$thousands)	215,961	158,754	13,427	0	3,150	946	39,683
Institutions (number)	12	9	6	0	7	2	9
Missouri							
Obligations (\$thousands)	738,223	672,481	4,055	0	23,111	3,629	34,945
Institutions (number)	22	20	6	0	10	4	12
Montana							
Obligations (\$thousands)	130,642	109,353	1,012	0	1,768	728	17,780
Institutions (number)	16	14	2	0	10	1	12
Nebraska							
Obligations (\$thousands)	194,034	174,371	350	96	2,577	377	16,263
Institutions (number)	12	8	2	1	7	1	7
Nevada							
Obligations (\$thousands)	93,766	86,346	1,075	75	589	745	4,937
Institutions (number)	6	4	2	1	3	1	6

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New Hampshire							
Obligations (\$thousands)	171,256	159,929	1,420	0	2,405	2,661	4,842
Institutions (number)	5	5	1	0	2	2	2
New Jersey							
Obligations (\$thousands)	587,260	529,189	9,687	0	11,121	3,266	33,997
Institutions (number)	23	16	8	0	8	3	14
New Mexico							
Obligations (\$thousands)	235,431	197,342	384	0	3,912	737	33,056
Institutions (number)	11	7	2	0	6	2	11
New York							
Obligations (\$thousands)	2,914,921	2,712,120	21,025	1,579	74,777	18,744	86,677
Institutions (number)	98	90	25	2	34	17	55
North Carolina							
Obligations (\$thousands)	1,478,397	1,347,389	10,766	0	44,514	9,930	65,798
Institutions (number)	28	25	8	0	17	9	19
North Dakota							
Obligations (\$thousands)	113,793	100,785	807	0	2,011	0	10,189
Institutions (number)	11	9	1	0	8	0	7
Ohio							
Obligations (\$thousands)	966,611	889,776	5,750	0	21,264	3,816	46,005
Institutions (number)	38	33	13	0	17	7	21
Oklahoma							
Obligations (\$thousands)	182,791	154,811	3,044	480	3,841	1,972	18,644
Institutions (number)	12	9	4	1	9	2	6
Oregon							
Obligations (\$thousands)	467,214	423,972	3,547	0	13,499	5,650	20,545
Institutions (number)	15	13	5	0	6	4	9
Pennsylvania							
Obligations (\$thousands)	2,077,285	1,942,215	9,746	0	51,686	11,938	61,701
Institutions (number)	63	53	18	0	18	8	29
Rhode Island							
Obligations (\$thousands)	183,836	164,443	3,502	0	5,524	207	10,161
Institutions (number)	6	6	1	0	3	1	2
South Carolina							
Obligations (\$thousands)	298,755	267,869	3,264	0	7,624	1,102	18,896
Institutions (number)	23	19	6	0	6	1	13
South Dakota							
Obligations (\$thousands)	75,023	61,253	2,437	0	767	139	10,428
Institutions (number)	9	9	4	0	5	2	6
Tennessee							
Obligations (\$thousands)	689,864	610,682	15,328	0	20,003	9,521	34,331
Institutions (number)	21	17	10	0	11	5	10
Texas							
Obligations (\$thousands)	2,052,943	1,818,910	29,043	443	53,059	8,524	142,963
Institutions (number)	84	58	23	2	38	15	58

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<b>Utah</b>							
Obligations (\$thousands)	315,973	299,086	1,600	0	3,882	149	11,257
Institutions (number)	7	6	2	0	2	1	5
<b>Vermont</b>							
Obligations (\$thousands)	110,160	100,218	293	0	2,568	343	6,739
Institutions (number)	8	6	3	0	2	1	5
<b>Virginia</b>							
Obligations (\$thousands)	683,901	597,740	13,721	0	15,143	7,779	49,518
Institutions (number)	28	23	10	0	11	7	18
<b>Washington</b>							
Obligations (\$thousands)	875,713	796,267	6,126	0	31,917	1,923	39,480
Institutions (number)	23	17	6	0	7	1	14
<b>West Virginia</b>							
Obligations (\$thousands)	96,585	69,153	13,781	99	3,607	0	9,945
Institutions (number)	9	8	3	1	3	0	3
<b>Wisconsin</b>							
Obligations (\$thousands)	773,779	698,290	19,734	0	22,301	2,766	30,688
Institutions (number)	32	24	8	0	9	2	20
<b>Wyoming</b>							
Obligations (\$thousands)	38,588	33,473	468	0	1,091	91	3,464
Institutions (number)	3	2	1	0	1	1	3
<b>American Samoa</b>							
Obligations (\$thousands)	2,189	1,127	0	0	10	0	1,052
Institutions (number)	1	1	0	0	1	0	1
<b>Guam</b>							
Obligations (\$thousands)	5,600	3,267	4	0	764	99	1,466
Institutions (number)	1	1	1	0	1	1	1
<b>Puerto Rico</b>							
Obligations (\$thousands)	128,380	80,151	1,208	0	5,407	7,331	34,283
Institutions (number)	25	16	2	0	15	5	19
<b>Trust Territory of the Pacific Islands</b>							
Obligations (\$thousands)	4,044	1,588	0	0	250	0	2,206
Institutions (number)	3	2	0	0	1	0	2
<b>Virgin Islands</b>							
Obligations (\$thousands)	8,054	5,939	0	0	422	0	1,693
Institutions (number)	1	1	0	0	1	0	1

ARRA = American Recovery and Reinvestment Act of 2009; S&E = science and engineering.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, FY 2009.