

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 2008

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
All states and outlying areas							
Obligations (\$thousands)	28,424,681	25,481,946	274,807	3,694	862,301	299,684	1,502,249
Institutions (number)	1,175	904	267	15	512	210	739
Alabama							
Obligations (\$thousands)	410,438	328,405	1,789	0	12,367	4,579	63,298
Institutions (number)	21	14	6	0	10	4	16
Alaska							
Obligations (\$thousands)	83,129	69,871	3,435	0	2,421	483	6,919
Institutions (number)	6	6	2	0	2	1	3
Arizona							
Obligations (\$thousands)	378,151	337,224	3,900	0	9,938	1,224	25,865
Institutions (number)	12	7	2	0	5	2	10
Arkansas							
Obligations (\$thousands)	114,269	80,854	4,068	0	3,687	8,783	16,877
Institutions (number)	13	7	4	0	9	2	6
California							
Obligations (\$thousands)	3,869,187	3,536,805	52,820	313	125,537	33,652	120,060
Institutions (number)	108	65	19	1	51	24	84
Colorado							
Obligations (\$thousands)	638,690	560,946	18,325	0	18,860	2,848	37,711
Institutions (number)	14	12	4	0	6	4	11
Connecticut							
Obligations (\$thousands)	539,799	503,755	4,036	0	23,468	3,199	5,341
Institutions (number)	12	11	3	0	3	2	6
Delaware							
Obligations (\$thousands)	100,560	82,694	356	0	2,963	1,439	13,108
Institutions (number)	3	3	1	0	3	2	3
District of Columbia							
Obligations (\$thousands)	269,549	252,978	553	0	4,700	3,921	7,397
Institutions (number)	8	8	4	0	6	3	8
Florida							
Obligations (\$thousands)	693,516	618,996	9,477	0	17,727	6,162	41,154
Institutions (number)	35	25	8	0	16	7	19
Georgia							
Obligations (\$thousands)	729,861	631,080	2,197	0	16,799	8,146	71,639
Institutions (number)	25	22	6	0	11	7	14
Hawaii							
Obligations (\$thousands)	168,554	150,210	2,827	0	3,118	499	11,900
Institutions (number)	4	4	2	0	3	1	3
Idaho							
Obligations (\$thousands)	54,309	41,588	1,583	0	2,323	0	8,815
Institutions (number)	6	6	4	0	3	0	3
Illinois							
Obligations (\$thousands)	1,117,538	1,010,389	16,549	61	35,267	17,994	37,278
Institutions (number)	43	34	9	1	14	10	26

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Indiana							
Obligations (\$thousands)	408,070	364,647	3,908	0	9,402	3,788	26,325
Institutions (number)	20	19	4	0	6	2	9
Iowa							
Obligations (\$thousands)	340,499	303,830	7,179	0	8,694	1,609	19,187
Institutions (number)	17	14	4	0	5	2	6
Kansas							
Obligations (\$thousands)	177,935	156,656	718	0	3,890	174	16,497
Institutions (number)	13	9	2	0	6	1	7
Kentucky							
Obligations (\$thousands)	229,701	190,494	10,075	0	5,531	1,297	22,304
Institutions (number)	11	8	3	0	7	3	5
Louisiana							
Obligations (\$thousands)	208,892	179,285	1,409	0	4,367	5,643	18,188
Institutions (number)	17	12	2	0	8	4	14
Maine							
Obligations (\$thousands)	41,808	31,687	414	316	1,105	91	8,195
Institutions (number)	12	10	1	2	4	1	8
Maryland							
Obligations (\$thousands)	1,582,033	1,459,843	2,699	0	43,420	9,976	66,095
Institutions (number)	32	27	4	0	14	6	13
Massachusetts							
Obligations (\$thousands)	1,626,270	1,505,846	13,753	313	50,325	6,741	49,292
Institutions (number)	53	39	10	1	23	7	32
Michigan							
Obligations (\$thousands)	864,607	787,554	1,433	316	26,804	13,090	35,410
Institutions (number)	27	20	6	2	13	3	15
Minnesota							
Obligations (\$thousands)	400,093	359,086	1,063	0	12,186	4,620	23,138
Institutions (number)	24	15	3	0	5	2	14
Mississippi							
Obligations (\$thousands)	210,499	156,254	6,765	0	4,137	333	43,010
Institutions (number)	13	9	4	0	10	1	8
Missouri							
Obligations (\$thousands)	629,321	571,215	1,586	0	21,400	9,029	26,091
Institutions (number)	20	17	4	0	9	6	13
Montana							
Obligations (\$thousands)	96,265	80,894	1,206	0	2,684	313	11,168
Institutions (number)	14	12	4	0	11	1	11
Nebraska							
Obligations (\$thousands)	149,275	128,835	2,034	207	2,139	545	15,515
Institutions (number)	9	8	4	1	6	2	5
Nevada							
Obligations (\$thousands)	65,539	55,189	4,378	0	1,083	0	4,889
Institutions (number)	4	4	4	0	3	0	4

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New Hampshire							
Obligations (\$thousands)	140,784	129,860	447	274	3,398	521	6,284
Institutions (number)	7	6	2	1	2	2	3
New Jersey							
Obligations (\$thousands)	459,105	408,017	5,862	0	11,533	9,861	23,832
Institutions (number)	19	17	6	0	7	4	12
New Mexico							
Obligations (\$thousands)	199,752	163,539	1,591	60	3,964	676	29,922
Institutions (number)	13	7	4	1	6	2	11
New York							
Obligations (\$thousands)	2,145,343	1,986,355	12,022	757	67,806	10,519	67,884
Institutions (number)	103	90	16	2	34	18	67
North Carolina							
Obligations (\$thousands)	1,175,022	1,064,899	5,440	0	42,413	14,247	48,023
Institutions (number)	29	25	9	0	16	9	21
North Dakota							
Obligations (\$thousands)	105,250	89,253	1,940	0	2,316	0	11,741
Institutions (number)	13	11	2	0	7	0	9
Ohio							
Obligations (\$thousands)	831,808	757,834	3,151	0	21,401	5,949	43,473
Institutions (number)	35	30	11	0	18	5	22
Oklahoma							
Obligations (\$thousands)	127,778	105,879	1,909	300	4,078	0	15,612
Institutions (number)	12	9	2	1	8	0	4
Oregon							
Obligations (\$thousands)	373,246	333,528	2,661	0	13,035	2,180	21,842
Institutions (number)	20	18	5	0	6	4	11
Pennsylvania							
Obligations (\$thousands)	1,647,839	1,515,609	7,565	0	51,312	13,938	59,415
Institutions (number)	57	48	14	0	19	7	31
Rhode Island							
Obligations (\$thousands)	148,822	127,629	1,026	0	6,403	847	12,917
Institutions (number)	5	4	3	0	2	2	4
South Carolina							
Obligations (\$thousands)	224,846	195,984	1,255	0	6,850	1,407	19,350
Institutions (number)	21	16	2	0	5	3	13
South Dakota							
Obligations (\$thousands)	58,767	48,422	2,761	0	710	82	6,792
Institutions (number)	10	9	2	0	6	1	8
Tennessee							
Obligations (\$thousands)	515,882	460,306	3,594	0	20,556	6,931	24,495
Institutions (number)	21	16	9	0	10	3	10
Texas							
Obligations (\$thousands)	1,707,536	1,502,334	8,354	313	47,383	51,319	97,833
Institutions (number)	82	54	21	1	44	15	54

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Utah							
Obligations (\$thousands)	269,147	248,396	1,923	0	3,774	4,956	10,098
Institutions (number)	7	6	2	0	2	2	4
Vermont							
Obligations (\$thousands)	89,363	81,719	807	0	3,069	250	3,518
Institutions (number)	6	5	2	0	2	1	3
Virginia							
Obligations (\$thousands)	474,911	419,149	2,442	0	15,020	6,279	32,021
Institutions (number)	29	21	12	0	9	8	18
Washington							
Obligations (\$thousands)	695,695	627,611	3,397	0	28,853	2,545	33,289
Institutions (number)	25	17	1	0	8	2	17
West Virginia							
Obligations (\$thousands)	75,693	59,723	3,008	0	3,102	0	9,860
Institutions (number)	3	3	1	0	1	0	1
Wisconsin							
Obligations (\$thousands)	600,685	524,207	15,148	0	21,440	5,359	34,531
Institutions (number)	28	22	3	0	10	3	18
Wyoming							
Obligations (\$thousands)	29,833	25,712	3	464	504	226	2,924
Institutions (number)	4	2	1	1	1	1	3
American Samoa							
Obligations (\$thousands)	1,765	808	0	0	0	0	957
Institutions (number)	1	1	0	0	0	0	1
Guam							
Obligations (\$thousands)	4,485	2,104	0	0	710	98	1,573
Institutions (number)	1	1	0	0	1	1	1
Puerto Rico							
Obligations (\$thousands)	107,884	61,753	4,326	0	5,810	11,316	24,679
Institutions (number)	24	16	3	0	14	7	14
Trust Territory of the Pacific Islands							
Obligations (\$thousands)	3,896	1,497	0	0	250	0	2,149
Institutions (number)	3	2	0	0	1	0	2
Virgin Islands							
Obligations (\$thousands)	11,187	2,709	3,640	0	269	0	4,569
Institutions (number)	1	1	1	0	1	0	1

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 2008.