

TABLE B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 2002

State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Obligations (thousands)	\$24,393,846	\$21,117,662	\$301,225	\$109,693	\$936,862	\$431,861	\$1,496,543
Number of institutions	1,158	871	258	282	584	276	646
Alabama:							
Obligations (thousands)	\$421,214	\$359,702	\$6,619	\$2,223	\$12,984	\$12,680	\$27,006
Number of institutions	25	18	6	9	14	4	16
Alaska:							
Obligations (thousands)	\$84,178	\$66,586	\$48	\$0	\$2,126	\$6,628	\$8,790
Number of institutions	6	5	1	0	4	1	2
Arizona:							
Obligations (thousands)	\$290,230	\$249,994	\$1,231	\$937	\$13,494	\$2,214	\$22,360
Number of institutions	11	8	3	2	6	3	9
Arkansas:							
Obligations (thousands)	\$99,226	\$73,032	\$3,246	\$4,559	\$6,392	\$150	\$11,847
Number of institutions	14	11	4	4	8	1	7
California:							
Obligations (thousands)	\$3,263,577	\$2,949,032	\$22,100	\$7,959	\$129,649	\$48,479	\$106,358
Number of institutions	92	64	18	23	51	26	49
Colorado:							
Obligations (thousands)	\$625,534	\$494,898	\$59,593	\$628	\$22,106	\$23,242	\$25,067
Number of institutions	15	11	6	3	6	5	11
Connecticut:							
Obligations (thousands)	\$442,135	\$404,923	\$1,285	\$128	\$25,770	\$4,314	\$5,715
Number of institutions	13	10	3	1	9	3	4
Delaware:							
Obligations (thousands)	\$64,889	\$54,152	\$910	\$0	\$3,309	\$926	\$5,592
Number of institutions	4	3	1	0	4	1	3
District of Columbia:							
Obligations (thousands)	\$226,688	\$205,656	\$104	\$875	\$7,820	\$4,803	\$7,430
Number of institutions	13	10	1	1	9	4	7
Florida:							
Obligations (thousands)	\$603,726	\$530,893	\$2,525	\$2,829	\$20,771	\$16,851	\$29,857
Number of institutions	33	23	10	9	14	9	19
Georgia:							
Obligations (thousands)	\$554,402	\$445,152	\$7,070	\$887	\$18,736	\$13,399	\$69,158
Number of institutions	33	31	7	6	17	10	21
Hawaii:							
Obligations (thousands)	\$166,109	\$120,239	\$3,499	\$3,454	\$4,589	\$12,298	\$22,030
Number of institutions	10	4	2	2	9	2	3
Idaho:							
Obligations (thousands)	\$50,358	\$35,758	\$2,729	\$3,500	\$1,141	\$494	\$6,736
Number of institutions	4	3	3	1	3	1	3
Illinois:							
Obligations (thousands)	\$832,114	\$745,394	\$10,166	\$784	\$36,496	\$12,827	\$26,447
Number of institutions	40	28	8	8	22	8	20
Indiana:							
Obligations (thousands)	\$329,804	\$283,542	\$5,971	\$2,342	\$10,032	\$2,291	\$25,626
Number of institutions	17	15	5	6	7	2	6

See explanatory information, if any, and SOURCE at end of table.

TABLE B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 2002

State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
Iowa:							
Obligations (thousands)	\$289,378	\$242,077	\$2,668	\$294	\$10,480	\$7,214	\$26,645
Number of institutions	23	15	3	5	5	3	10
Kansas:							
Obligations (thousands)	\$140,425	\$115,422	\$1,704	\$114	\$7,492	\$2,062	\$13,631
Number of institutions	8	8	3	2	6	1	5
Kentucky:							
Obligations (thousands)	\$191,179	\$152,183	\$347	\$54	\$5,622	\$3,302	\$29,671
Number of institutions	12	9	1	1	8	5	8
Louisiana:							
Obligations (thousands)	\$214,680	\$177,833	\$3,189	\$179	\$5,452	\$10,287	\$17,740
Number of institutions	15	15	4	2	7	5	9
Maine:							
Obligations (thousands)	\$38,343	\$25,080	\$1,440	\$2,267	\$3,694	\$732	\$5,130
Number of institutions	15	10	6	6	8	2	7
Maryland:							
Obligations (thousands)	\$1,513,068	\$1,296,852	\$6,433	\$3,059	\$45,911	\$24,372	\$136,441
Number of institutions	29	26	5	5	13	8	15
Massachusetts:							
Obligations (thousands)	\$1,285,961	\$1,147,690	\$13,535	\$15,689	\$58,940	\$11,538	\$38,569
Number of institutions	46	36	10	11	22	10	26
Michigan:							
Obligations (thousands)	\$717,607	\$636,407	\$3,101	\$4,375	\$30,496	\$8,765	\$34,463
Number of institutions	26	19	7	11	13	5	12
Minnesota:							
Obligations (thousands)	\$336,756	\$296,241	\$4,292	\$568	\$13,074	\$4,007	\$18,574
Number of institutions	24	16	6	5	9	2	9
Mississippi:							
Obligations (thousands)	\$180,751	\$143,770	\$1,282	\$212	\$4,749	\$3,834	\$26,904
Number of institutions	17	14	3	2	9	7	9
Missouri:							
Obligations (thousands)	\$577,097	\$509,229	\$2,051	\$381	\$21,712	\$6,339	\$37,385
Number of institutions	25	17	3	5	12	6	17
Montana:							
Obligations (thousands)	\$87,669	\$57,210	\$4,183	\$1,007	\$3,375	\$1,670	\$20,224
Number of institutions	15	13	3	2	11	3	12
Nebraska:							
Obligations (thousands)	\$109,244	\$91,398	\$2,430	\$198	\$5,214	\$451	\$9,553
Number of institutions	8	5	2	3	7	4	3
Nevada:							
Obligations (thousands)	\$69,286	\$59,420	\$2,537	\$166	\$536	\$1,964	\$4,663
Number of institutions	4	4	2	1	2	2	4
New Hampshire:							
Obligations (thousands)	\$149,790	\$125,781	\$880	\$336	\$4,006	\$3,389	\$15,398
Number of institutions	7	4	1	3	3	4	3
New Jersey:							
Obligations (thousands)	\$361,310	\$319,593	\$4,078	\$1,073	\$11,115	\$3,817	\$21,634
Number of institutions	21	15	5	5	8	4	14

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TABLE B-8. Federal obligations for science and engineering (S&E) to universities and colleges and the number of recipient institutions, by State and type of activity: fiscal year 2002

State	Total	Research and development	R&D plant ¹	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
New Mexico:							
Obligations (thousands)	\$179,213	\$131,066	\$2,402	\$670	\$5,871	\$7,640	\$31,564
Number of institutions	9	7	4	3	6	3	8
New York:							
Obligations (thousands)	\$1,930,805	\$1,682,187	\$31,347	\$19,373	\$72,416	\$55,535	\$69,947
Number of institutions	107	90	23	26	46	25	53
North Carolina:							
Obligations (thousands)	\$955,893	\$841,951	\$5,540	\$4,776	\$44,155	\$14,283	\$45,188
Number of institutions	26	20	5	8	16	10	23
North Dakota:							
Obligations (thousands)	\$67,977	\$45,015	\$367	\$0	\$3,588	\$67	\$18,940
Number of institutions	11	7	3	0	8	1	9
Ohio:							
Obligations (thousands)	\$666,568	\$592,725	\$6,734	\$2,081	\$20,742	\$2,446	\$41,840
Number of institutions	35	26	10	17	16	9	21
Oklahoma:							
Obligations (thousands)	\$136,764	\$102,234	\$0	\$2,018	\$12,442	\$6,203	\$13,867
Number of institutions	14	9	0	5	7	3	8
Oregon:							
Obligations (thousands)	\$296,737	\$260,691	\$3,840	\$742	\$12,305	\$2,806	\$16,353
Number of institutions	19	12	3	6	5	3	12
Pennsylvania:							
Obligations (thousands)	\$1,490,181	\$1,378,756	\$11,474	\$2,770	\$48,004	\$9,401	\$39,776
Number of institutions	54	35	15	19	26	9	17
Rhode Island:							
Obligations (thousands)	\$121,977	\$104,329	\$2,758	\$472	\$4,559	\$2,451	\$7,408
Number of institutions	4	3	2	2	3	3	3
South Carolina:							
Obligations (thousands)	\$189,466	\$147,193	\$2,250	\$865	\$6,408	\$3,367	\$29,383
Number of institutions	19	13	4	2	7	4	13
South Dakota:							
Obligations (thousands)	\$32,573	\$20,898	\$357	\$326	\$1,427	\$75	\$9,490
Number of institutions	11	9	3	2	8	1	9
Tennessee:							
Obligations (thousands)	\$406,952	\$339,492	\$6,347	\$472	\$22,558	\$9,153	\$28,930
Number of institutions	25	19	3	5	13	4	9
Texas:							
Obligations (thousands)	\$1,438,119	\$1,220,475	\$13,570	\$8,037	\$45,678	\$19,271	\$131,088
Number of institutions	72	55	15	12	41	20	46
Utah:							
Obligations (thousands)	\$254,427	\$230,906	\$964	\$333	\$8,537	\$5,078	\$8,609
Number of institutions	6	3	2	1	3	2	6
Vermont:							
Obligations (thousands)	\$82,737	\$74,486	\$106	\$10	\$3,407	\$295	\$4,433
Number of institutions	6	3	1	1	2	1	3
Virginia:							
Obligations (thousands)	\$449,661	\$377,589	\$8,667	\$1,311	\$18,283	\$3,777	\$40,034
Number of institutions	31	23	8	10	15	5	17

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Washington:							
Obligations (thousands)	\$651,085	\$584,402	\$4,229	\$1,922	\$28,876	\$5,660	\$25,996
Number of institutions	19	13	4	4	8	2	13
West Virginia:							
Obligations (thousands)	\$73,937	\$54,185	\$248	\$305	\$1,917	\$519	\$16,763
Number of institutions	11	9	4	2	3	1	7
Wisconsin:							
Obligations (thousands)	\$515,645	\$432,025	\$16,288	\$493	\$21,030	\$5,858	\$39,951
Number of institutions	29	21	4	8	13	8	13
Wyoming:							
Obligations (thousands)	\$22,628	\$18,212	\$290	\$164	\$1,088	\$0	\$2,874
Number of institutions	1	1	1	1	1	0	1
American Samoa:							
Obligations (thousands)	\$1,138	\$509	\$0	\$0	\$0	\$0	\$629
Number of institutions	1	1	0	0	0	0	1
Guam:							
Obligations (thousands)	\$4,049	\$2,592	\$0	\$0	\$0	\$502	\$955
Number of institutions	1	1	0	0	0	1	1
Puerto Rico:							
Obligations (thousands)	\$101,189	\$57,302	\$2,201	\$1,476	\$5,907	\$22,135	\$12,168
Number of institutions	19	18	2	4	9	10	7
Trust Territory of the Pacific Islands:							
Obligations (thousands)	\$3,423	\$1,415	\$0	\$0	\$120	\$0	\$1,888
Number of institutions	2	2	0	0	1	0	2
Virgin Islands:							
Obligations (thousands)	\$3,974	\$1,888	\$0	\$0	\$261	\$0	\$1,825
Number of institutions	1	1	0	0	1	0	1

¹ See Technical Notes, "Changes in Reporting."

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 2002.