Section B.

Detailed Statistical Tables: Federal Science and Engineering Obligations

To obtain accurate historical data, use only the latest detailed statistical tables (covering FY 1997) and not data published earlier. Data presented in trend tables are assembled from the most recent completed survey cycle. Data for prior years are reviewed for consistency with current-year responses and, when necessary, are revised in consultation with agencies and/or institutions. For that reason, references to prior-years' data should be restricted to those published in this document.

Table *Page*

Federal S&E Obligations to Universities and Colleges

Trends

B-1. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity: fiscal years 1963–97 18

B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963–97 19

B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1990–97 31

B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990–97 33

B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1990–97 35

B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990–97 37

Summary

B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1997 39

Geographic Distribution, Fiscal Year (FY) 1997

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 1997 41

B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1997 45

B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1997 47

100 Institutions Ranked in Order of Amount Received, FY 1997

B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1997 49

B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997 51

B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997 54

B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997 57

Institutional Listings, by State, FY 1997

B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997 59

B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997 83

B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997 108

B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1997 148

Historically Black Colleges and Universities

B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1997: fiscal years 1990–97 154

B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1997 156

B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1997 158

B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1997: fiscal years 1990–97 160

B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1997 162

Systems of Universities and Colleges, FY 1997

B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1997 164

B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1997 166

Federal S&E Obligations to Nonprofit Institutions

B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990–97 168

B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997 170

B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1997 194

B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1997 200

B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997 203

Federal S&E Obligations to Selected Consortia

B-31. Federal obligations for science and engineering to selected consortia of institutions: fiscal years 1990–97 215

B-32. Federal obligations for science and engineering (S&E) to selected consortia of institutions, by type of activity: fiscal year 1997 216

B-33. Federal obligations for science and engineering to selected consortia of institutions, by agency: fiscal year 1997 217

Federal S&E Obligations to Federally Funded Research and Development Centers

B-34. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by type of activity: fiscal years 1963–97 218

B-35. Federal science and engineering obligations to federally funded research and development centers administered by universities and colleges, by agency: fiscal years 1963–97 219

B-36. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by agency and type of activity: fiscal year 1997 220

B-37. Federal science and engineering obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, and sponsoring agency: fiscal years 1990–97 221

B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1997 223

B-39. Federal science and engineering research and development and R&D plant obligations to federally funded research and development centers (FFRDCs) administered by nonprofit institutions, by State, institution, and sponsoring agency: fiscal years 1990–97 226

Table B-1. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity: fiscal years 1963-97

[Dollars in thousands]

Fiscal year	Total	Research and development [1]	R&D plant [2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities [1]
1963	1,328,511	829,524	105,896	(3)	(3)	(3)	393,091
1964	1,528,604	975,597	100,837	(3)	(3)	(3)	452,170
1965	1,816,171	1,094,963	126,196	(3)	(3)	(3)	595,012
1966	2,163,504	1,252,146	114,767	(3)	365,560	(3)	431,031
1967	2,323,795	1,301,242	111,309	(3)	447,236	(3)	464,008
1968	2,349,817	1,398,305	96,148	(3)	440,895	(3)	414,469
1969	2,361,399	1,474,681	54,516	(3)	436,270	(3)	395,932
1970	2,187,579	1,446,618	44,778	(3)	429,408	(3)	266,775
1971	2,343,129	1,551,391	29,942	28,729	421,029	99,669	212,369
1972	2,599,111	1,853,085	36,917	26,341	387,888	83,288	211,592
1973	2,464,362	1,870,690	43,338	13,372	287,210	38,964	210,788
1974	2,736,984	2,085,204	29,009	3,506	326,600	86,974	205,691
1975	2,805,877	2,246,182	44,787	5,026	201,273	46,353	262,256
1976	2,959,656	2,430,970	23,899	3,210	174,871	74,483	252,223
1977	3,351,337	2,803,017	36,471	3,282	184,671	75,928	247,968
1978	3,962,500	3,388,438	34,328	4,906	205,925	74,398	254,505
1979	4,473,529	3,874,384	32,068	6,743	204,866	92,483	262,985
1980	4,790,972	4,160,543	37,780	3,776	210,121	91,541	287,211
1981	5,062,856	4,410,931	27,694	4,563	205,448	92,721	321,499
1982	5,179,610	4,554,475	31,200	829	176,582	80,137	336,387
1983	5,680,699	5,024,398	37,547	2,522	189,616	94,847	331,769
1984	6,308,014	5,448,821	49,764	1,889	194,895	112,588	500,057
1985	7,257,862	6,246,181	113,932	4,947	253,082	119,171	520,549
1986	7,431,624	6,457,495	105,827	4,990	246,196	111,130	505,986
1987	8,568,215	7,241,932	229,875	13,722	290,942	236,933	554,811
1988	9,137,393	7,720,353	202,907	13,345	309,348	171,826	719,614
1989	10,077,303	8,525,238	237,010	16,911	340,458	197,745	759,941
1990	10,463,484	9,009,340	141,651	19,241	393,820	143,917	755,515
1991	11,902,735	10,087,076	163,349	32,792	469,297	192,823	957,398
1992	12,832,389	10,921,100	209,173	38,983	511,127	160,166	991,840
1993	12,833,494	11,023,801	259,421	33,247	526,331	66,827	923,867
1994	13,863,132	11,894,091	216,558	48,734	633,228	136,555	933,966
1995	14,444,726	12,164,535	341,343	51,581	674,464	263,992	948,811
1996	14,428,787	12,323,165	248,222	49,023	637,705	219,008	951,664
1997	15,081,369	13,002,538	275,955	29,889	676,995	170,698	925,294

1 See Technical Notes, "Changes in Reporting."

2 See Technical Notes, "Categories of Support."

3 Not separately identified, but included under "Other S&E activities."

NOTE: Some trend shifts are related to institutional reclassification. Beginning in fiscal year (FY) 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are included in the academic figures beginning in FY 1978. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology (MIT) as of FY 1974 to become an independent nonprofit institution; data for this laboratory are included in MIT's figures prior to FY 1974.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Total	USDA	BEP	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Total											
1963	1,328.5	104.0	NA	1.8	218.0	NA	NA	76.1	NA	NA	581.0	NA
1964	1,528.6	115.0	NA	1.7	258.1	NA	NA	79.9	NA	NA	683.8	NA
1965	1,816.2	135.6	NA	2.6	267.9	NA	NA	84.4	NA	NA	856.5	NA
1966	2,163.5	141.0	NA	2.8	278.0	NA	NA	96.9	NA	NA	1,109.2	NA
1967	2,323.8	144.8	NA	4.4	264.1	NA	NA	109.6	NA	NA	1,251.0	NA
1968	2,349.8	144.2	NA	8.0	243.1	12.5	NA	119.7	NA	NA	1,229.4	1.7
1969	2,361.4	155.9	NA	2.2	278.7	9.3	NA	121.0	NA	NA	1,261.8	1.1
1970	2,187.6	182.1	NA	3.9	265.5	18.9	NA	114.5	NA	NA	1,036.7	.5
1971	2,343.1	214.6	NA	7.6	249.0	16.4	NA	105.8	27.2	NA	1,142.3	.7
1972	2,599.1	238.6	NA	26.0	243.9	8.3	NA	95.4	23.3	NA	1,318.4	1.5
1973	2,464.4	256.8	NA	28.4	232.9	8.7	NA	96.2	27.7	NA	1,225.0	.9
1974	2,737.0	260.7	NA	29.4	184.4	4.1	NA	99.5	30.9	NA	1,515.4	.6
1975	2,805.9	290.7	NA	25.8	190.5	NA	NA	124.3	38.8	NA	1,467.4	2.3
1976	2,959.7	328.6	NA	38.2	211.9	NA	NA	144.1	33.0	NA	1,522.2	1.4
1977	3,351.3	343.2	NA	32.5	267.3	NA	NA	208.1	46.3	NA	1,686.5	4.3
1978	3,962.5	391.7	NA	35.9	452.3	NA	NA	267.2	57.4	NA	1,900.8	10.5
1979	4,473.5	422.5	NA	48.0	528.7	NA	NA	273.9	66.9	NA	2,216.0	4.0
1980	4,791.0	444.1	NA	51.6	555.9	NA	48.0	309.6	81.5	NA	2,281.1	4.3
1981	5,062.9	491.4	NA	51.8	726.0	NA	56.1	310.4	67.5	NA	2,363.6	3.0
1982	5,179.6	529.7	NA	40.6	857.3	NA	35.6	288.2	83.8	NA	2,332.8	2.6
1983	5,680.7	566.0	NA	51.0	940.3	NA	34.9	320.0	50.3	NA	2,602.2	1.5
1984	6,308.0	607.4	NA	105.8	954.6	NA	43.6	348.4	51.9	NA	2,934.1	.2
1985	7,257.9	652.8	NA	81.2	1,061.1	NA	69.6	451.7	65.2	NA	3,440.0	.2
1986	7,431.6	620.7	.0	70.3	1,206.2	NA	74.0	420.5	70.8	NA	3,536.0	.1
1987	8,568.2	674.7	.0	88.8	1,278.5	NA	280.8	475.2	74.3	NA	4,195.3	.1
1988	9,137.4	741.7	.0	81.4	1,377.4	NA	255.6	536.4	66.2	NA	4,486.2	**
1989	10,077.3	721.7	.0	74.0	1,486.4	NA	269.6	566.4	85.8	NA	4,916.8	.0
1990	10,463.5	762.1	.0	110.4	1,342.2	NA	260.1	556.5	93.6	16.8	5,200.7	.1
1991	11,902.7	867.6	.0	121.9	1,540.7	NA	354.1	662.2	115.9	11.3	5,822.6	**
1992	12,832.4	948.9	.0	129.2	1,511.2	NA	402.3	706.7	150.0	4.5	6,281.6	.2
1993	12,833.5	948.3	.0	109.8	1,835.6	NA	156.4	737.1	152.7	.0	6,093.4	.4
1994	13,863.1	945.3	.0	163.0	1,890.4	NA	170.9	636.4	144.6	.2	6,970.7	.8
1995	14,444.7	952.5	.0	175.9	1,852.0	NA	187.9	636.9	164.5	5.1	7,117.8	1.7
1996	14,428.8	875.9	.0	201.9	1,785.6	NA	175.3	655.8	102.9	.1	7,430.5	1.9
1997	15,081.4	980.4	.0	212.0	1,712.2	NA	171.2	646.3	162.6	**	7,939.9	2.7

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Total									
1963	3.8	NA	NA	NA	87.4	256.3	NA	NA	NA	NA
1964	5.0	NA	NA	NA	107.6	277.5	NA	NA	NA	NA
1965	9.6	NA	NA	NA	134.3	325.2	NA	NA	NA	NA
1966	19.0	NA	NA	NA	142.2	374.5	NA	NA	NA	NA
1967	23.9	NA	NA	NA	131.5	394.5	NA	NA	NA	NA
1968	28.2	NA	NA	6.6	129.8	422.8	NA	NA	NA	3.7
1969	24.3	3.9	NA	9.1	127.2	367.0	NA	NA	NA	NA
1970	27.7	5.5	NA	3.5	131.2	387.4	NA	NA	NA	10.1
1971	22.6	19.1	NA	5.2	134.1	387.7	NA	NA	NA	10.8
1972	24.3	18.7	NA	7.3	119.0	458.7	NA	NA	NA	15.9
1973	23.7	10.7	NA	6.3	111.4	419.6	NA	NA	NA	15.9
1974	23.8	19.9	NA	7.1	98.9	449.6	NA	NA	NA	12.8
1975	28.8	12.4	NA	5.5	108.0	490.5	**	NA	NA	20.8
1976	28.2	13.5	NA	4.5	118.9	496.3	3.2	NA	NA	15.7
1977	29.5	24.4	NA	7.2	121.0	565.8	4.5	NA	NA	10.9
1978	42.5	28.1	NA	12.6	130.5	607.1	8.4	NA	NA	17.5
1979	40.1	28.5	NA	11.1	143.9	671.6	6.9	NA	NA	11.4
1980	42.4	38.6	NA	10.3	171.2	726.4	7.0	NA	NA	19.1
1981	34.2	31.3	NA	12.8	183.5	695.1	7.4	NA	NA	28.5
1982	28.3	50.4	NA	8.4	176.9	728.1	5.0	NA	NA	12.0
1983	32.0	43.4	NA	6.4	203.8	798.8	4.7	NA	NA	25.4
1984	32.2	56.3	NA	3.1	216.6	935.6	4.6	NA	NA	13.6
1985	33.1	57.0	NA	3.4	251.0	1,078.7	5.4	NA	NA	7.6
1986	40.9	44.3	NA	3.7	270.3	1,056.6	3.8	NA	NA	13.6
1987	39.4	53.3	NA	8.3	309.9	1,070.2	3.9	NA	NA	15.3
1988	41.6	48.5	NA	8.0	363.7	1,102.9	3.6	NA	NA	24.2
1989	56.2	65.3	NA	6.5	462.0	1,337.3	4.3	NA	NA	25.1
1990	60.5	47.4	NA	8.6	511.4	1,446.0	4.6	NA	NA	42.6
1991	82.8	31.9	NA	5.8	593.5	1,642.8	5.4	NA	NA	44.1
1992	79.7	27.6	NA	9.2	685.7	1,831.5	5.9	NA	NA	58.3
1993	77.7	11.5	NA	6.6	730.5	1,870.0	4.8	NA	NA	98.8
1994	64.3	12.8	NA	4.8	742.2	2,043.4	6.3	NA	NA	67.0
1995	54.5	167.6	NA	6.0	824.8	2,211.3	6.0	NA	NA	80.3
1996	44.6	107.7	10.2	5.8	758.2	2,205.7	3.8	0.7	NA	62.2
1997	58.2	26.2	16.9	4.6	820.6	2,248.5	5.1	.4	.0	73.6

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Total	USDA	BEP	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Research and development											
1963	829.5	40.6	NA	1.5	218.0	NA	NA	68.3	NA	NA	332.9	NA
1964	975.6	47.5	NA	1.1	258.1	NA	NA	70.5	NA	NA	399.2	NA
1965	1,095.0	59.1	NA	2.1	267.9	NA	NA	74.8	NA	NA	441.9	NA
1966	1,252.1	62.9	NA	2.1	278.0	NA	NA	83.2	NA	NA	507.3	NA
1967	1,301.2	64.0	NA	3.4	264.1	NA	NA	89.7	NA	NA	577.0	NA
1968	1,398.3	62.2	NA	6.7	243.1	12.5	NA	101.8	NA	NA	619.1	1.0
1969	1,474.7	63.6	NA	1.7	278.7	9.3	NA	103.1	NA	NA	667.1	1.0
1970	1,446.6	67.4	NA	3.2	265.5	18.9	NA	101.4	NA	NA	614.9	.5
1971	1,551.4	74.8	NA	6.9	249.0	16.4	NA	95.9	17.0	NA	695.7	.7
1972	1,853.1	88.6	NA	23.6	243.9	8.3	NA	86.9	17.7	NA	879.3	1.5
1973	1,870.7	93.8	NA	24.9	232.9	8.7	NA	85.2	18.6	NA	903.8	.9
1974	2,085.2	96.7	NA	26.6	184.4	3.4	NA	94.6	24.1	NA	1,129.0	.6
1975	2,246.2	110.5	NA	22.2	190.5	NA	NA	119.2	33.8	NA	1,205.3	2.3
1976	2,431.0	124.2	NA	29.0	211.9	NA	NA	138.1	29.3	NA	1,296.2	1.4
1977	2,803.0	142.2	NA	32.2	267.3	NA	NA	187.2	45.0	NA	1,452.1	4.3
1978	3,388.4	175.3	NA	35.0	452.3	NA	NA	251.1	53.8	NA	1,657.6	10.5
1979	3,874.4	193.8	NA	46.5	528.7	NA	NA	256.4	61.1	NA	1,966.5	4.0
1980	4,160.5	211.8	NA	50.4	555.9	NA	48.0	279.6	76.9	NA	2,025.6	4.3
1981	4,410.9	241.4	NA	51.1	700.5	NA	56.1	281.8	64.2	NA	2,112.8	3.0
1982	4,554.5	256.5	NA	39.7	813.7	NA	35.6	265.2	78.1	NA	2,110.6	.5
1983	5,024.4	273.9	NA	50.1	913.4	NA	34.9	296.6	45.3	NA	2,360.3	1.1
1984	5,448.8	273.0	NA	75.6	827.8	NA	43.6	317.1	47.3	NA	2,681.4	.2
1985	6,246.2	300.4	NA	79.7	908.9	NA	69.6	373.1	61.9	NA	3,098.6	.2
1986	6,457.5	290.1	.0	68.3	1,055.0	NA	72.2	346.9	67.9	NA	3,212.1	.1
1987	7,241.9	296.0	.0	87.6	1,098.9	NA	85.2	371.7	67.1	NA	3,835.3	.1
1988	7,720.4	321.3	.0	75.8	1,194.2	NA	69.6	407.9	64.1	NA	4,128.3	**
1989	8,525.2	336.0	.0	66.0	1,220.6	NA	68.6	449.8	77.5	NA	4,512.6	.0
1990	9,009.3	349.1	.0	97.3	NA	NA	71.1	497.1	87.1	.0	4,776.8	.1
1991	10,087.1	408.9	.0	61.9	NA	NA	94.5	614.1	104.3	.0	5,358.3	**
1992	10,921.1	469.3	.0	66.9	NA	NA	104.6	633.5	135.4	.0	5,855.6	.2
1993	11,023.8	468.2	.0	58.4	NA	NA	94.8	603.0	142.6	.0	5,680.2	.4
1994	11,894.1	474.8	.0	84.2	NA	NA	49.2	603.5	134.6	.0	6,482.9	.8
1995	12,164.5	446.1	.0	95.1	NA	NA	67.5	602.7	148.7	.0	6,593.2	1.7
1996	12,323.2	395.4	.0	106.0	NA	NA	68.6	632.7	89.2	.0	6,879.8	1.9
1997	13,002.5	485.8	.0	106.8	NA	NA	64.2	626.7	147.4	.0	7,341.8	2.7
	DoD research only [4]											
1990	NA	NA	NA	NA	720.6	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	841.6	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	840.4	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	1,131.5	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	1,257.3	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	1,107.4	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	NA	1,134.6	NA	NA	NA	NA	NA	NA	NA
1997	NA	NA	NA	NA	1,039.4	NA	NA	NA	NA	NA	NA	NA
	DoD development only [4]											
1990	NA	NA	NA	NA	476.3	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	482.7	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	475.5	NA	NA	NA	NA	NA	NA	NA
1993	NA	NA	NA	NA	456.9	NA	NA	NA	NA	NA	NA	NA
	DoD advanced technology development [4]											
1994	NA	NA	NA	NA	157.5	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	152.9	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	NA	179.9	NA	NA	NA	NA	NA	NA	NA
1997	NA	NA	NA	NA	188.8	NA	NA	NA	NA	NA	NA	NA
	DoD major systems development [4]											
1994	NA	NA	NA	NA	187.2	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	350.4	NA	NA	NA	NA	NA	NA	NA
1996	NA	NA	NA	NA	286.1	NA	NA	NA	NA	NA	NA	NA
1997	NA	NA	NA	NA	290.6	NA	NA	NA	NA	NA	NA	NA

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Research and development									
1963	3.8	NA	NA	NA	59.8	104.6	NA	NA	NA	NA
1964	5.0	NA	NA	NA	78.2	115.8	NA	NA	NA	NA
1965	9.5	NA	NA	NA	100.6	139.2	NA	NA	NA	NA
1966	18.7	NA	NA	NA	107.4	192.5	NA	NA	NA	NA
1967	23.9	NA	NA	NA	109.0	170.2	NA	NA	NA	NA
1968	27.8	NA	NA	6.6	126.1	187.7	NA	NA	NA	3.7
1969	23.5	3.9	NA	9.1	122.3	191.5	NA	NA	NA	NA
1970	27.1	5.5	NA	3.5	127.4	201.2	NA	NA	NA	10.1
1971	21.3	17.1	NA	3.3	128.5	216.9	NA	NA	NA	8.0
1972	23.0	13.5	NA	7.3	112.4	334.7	NA	NA	NA	12.4
1973	22.2	8.4	NA	5.0	102.6	348.5	NA	NA	NA	15.2
1974	22.2	18.4	NA	5.6	92.0	376.1	NA	NA	NA	11.5
1975	27.2	8.3	NA	4.0	100.2	404.6	.0	NA	NA	18.1
1976	25.7	10.7	NA	3.0	106.8	436.6	3.2	NA	NA	14.9
1977	27.4	20.2	NA	7.2	113.7	491.0	3.8	NA	NA	9.6
1978	34.3	24.9	NA	12.6	124.7	531.5	8.4	NA	NA	16.4
1979	35.3	28.0	NA	11.1	137.2	587.8	6.5	NA	NA	11.4
1980	38.8	38.6	NA	10.3	161.3	633.9	6.1	NA	NA	19.1
1981	30.2	31.3	NA	12.8	173.9	616.8	7.0	NA	NA	27.8
1982	21.5	50.4	NA	8.4	167.7	689.8	5.0	NA	NA	11.7
1983	20.8	43.4	NA	6.4	189.4	759.1	4.7	NA	NA	25.1
1984	32.2	56.3	NA	3.1	203.8	869.6	4.6	NA	NA	13.2
1985	32.9	57.0	NA	3.4	237.3	1,011.1	4.9	NA	NA	7.2
1986	40.9	44.3	NA	3.7	254.0	984.7	3.8	NA	NA	13.3
1987	39.4	53.3	NA	8.3	293.7	988.2	3.9	NA	NA	13.2
1988	39.1	48.5	NA	8.0	339.5	999.2	3.6	NA	NA	21.3
1989	52.8	65.3	NA	6.5	435.7	1,207.6	4.3	NA	NA	21.9
1990	57.8	47.4	NA	8.6	470.9	1,305.5	4.6	NA	NA	39.2
1991	70.2	31.9	NA	5.8	534.3	1,439.2	5.4	NA	NA	33.9
1992	67.6	27.6	NA	9.0	587.6	1,605.5	5.9	NA	NA	36.4
1993	69.8	11.5	NA	6.2	602.8	1,616.6	4.8	NA	NA	75.9
1994	63.8	12.8	NA	4.5	636.6	1,680.5	6.3	NA	NA	57.5
1995	54.0	25.4	NA	5.9	702.1	1,733.1	6.0	NA	NA	72.4
1996	43.4	20.0	9.8	5.8	671.5	1,738.1	3.8	0.7	NA	55.8
1997	57.6	11.7	16.9	4.6	725.5	1,816.8	5.1	.4	.0	69.7

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Total	USDA	BEP	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	R&D plant [5]											
1963	105.9	.0	NA	.0	.0	NA	NA	2.6	NA	NA	39.2	NA
1964	100.8	.0	NA	.0	.0	NA	NA	4.0	NA	NA	39.9	NA
1965	126.2	3.2	NA	.0	.0	NA	NA	3.8	NA	NA	54.8	NA
1966	114.8	2.0	NA	.0	.0	NA	NA	7.4	NA	NA	48.5	NA
1967	111.3	2.0	NA	0.3	.0	NA	NA	13.8	NA	NA	38.1	NA
1968	96.1	1.9	NA	.2	.0	.0	NA	11.9	NA	NA	36.9	.0
1969	54.5	1.2	NA	.0	.0	.0	NA	11.4	NA	NA	20.5	.0
1970	44.8	1.1	NA	**	.0	.0	NA	7.1	NA	NA	20.0	.0
1971	29.9	.0	NA	.0	.0	.0	NA	4.8	.0	NA	15.2	.0
1972	36.9	.0	NA	.0	.0	.0	NA	4.1	.0	NA	22.2	.0
1973	43.3	.0	NA	.3	.0	.0	NA	5.6	.0	NA	26.7	.0
1974	29.0	.0	NA	.0	.0	.0	NA	4.2	.0	NA	14.5	.0
1975	44.8	.0	NA	.0	.0	NA	NA	4.2	.0	NA	22.9	.0
1976	23.9	.0	NA	1.0	.0	NA	NA	5.6	.0	NA	11.4	.0
1977	36.5	.0	NA	.0	.0	NA	NA	17.5	.0	NA	11.1	.0
1978	34.3	.0	NA	.0	.0	NA	NA	13.4	**	NA	9.9	.0
1979	32.1	.0	NA	.0	.0	NA	NA	9.1	.0	NA	7.5	.0
1980	37.8	.0	NA	.0	.0	NA	.0	20.6	.0	NA	4.4	.0
1981	27.7	.0	NA	.0	1.1	NA	.0	19.6	.0	NA	2.0	.0
1982	31.2	.0	NA	.0	.5	NA	.0	18.8	1.4	NA	5.4	.0
1983	37.5	9.6	NA	.0	.0	NA	.0	17.2	.1	NA	1.5	.0
1984	49.8	9.6	NA	.0	.0	NA	.0	29.5	.1	NA	.7	.0
1985	113.9	9.6	NA	.0	**	NA	.0	77.7	.1	NA	11.4	.0
1986	105.8	9.1	.0	1.2	.0	NA	1.8	73.0	.0	NA	4.2	.0
1987	229.9	65.4	.0	.1	.0	NA	49.2	102.9	.0	NA	4.2	.0
1988	202.9	68.0	.0	.0	.0	NA	1.3	127.7	.0	NA	.0	.0
1989	237.0	31.1	.0	1.2	57.9	NA	1.3	115.5	.0	NA	22.0	.0
1990	141.7	45.1	.0	.1	.0	NA	.0	57.2	.0	16.8	13.7	.0
1991	163.3	58.3	.0	.3	14.7	NA	2.1	41.4	.0	11.3	25.7	.0
1992	209.2	58.3	.0	.2	.0	NA	.4	63.7	.0	4.5	17.2	.0
1993	259.4	55.1	.0	.4	.0	NA	.0	120.2	.0	.0	10.6	.0
1994	216.6	38.9	.0	.3	.3	NA	.0	24.8	.0	.2	16.3	.0
1995	341.3	66.9	.0	2.0	5.8	NA	.0	15.5	.0	5.1	12.3	.0
1996	248.2	51.0	.0	.0	2.3	NA	.0	16.4	.0	.1	17.7	.0
1997	276.0	59.2	.0	3.7	12.3	NA	.0	13.1	.0	**	39.0	.0
	Facilities for instruction in S&E											
1971[6]	28.7	0.3	NA	.0	.0	.0	NA	2.3	.0	NA	13.9	.0
1972	26.3	.5	NA	.0	.0	.0	NA	1.9	.0	NA	20.9	.0
1973	13.4	.0	NA	.0	.0	.0	NA	2.3	.0	NA	9.4	.0
1974	3.5	.0	NA	.0	.0	.0	NA	.0	.0	NA	.4	.0
1975	5.0	.0	NA	0.1	.0	NA	NA	.0	.0	NA	4.9	.0
1976	3.2	.0	NA	.3	.0	NA	NA	.0	.0	NA	.0	.0
1977	3.3	.0	NA	.0	.0	NA	NA	.4	.0	NA	.0	.0
1978	4.9	.0	NA	.0	.0	NA	NA	1.3	.0	NA	.0	.0
1979	6.7	.0	NA	.0	.0	NA	NA	3.5	.0	NA	.0	.0
1980	3.8	.0	NA	.0	.0	NA	.0	.9	0.1	NA	.0	.0
1981	4.6	.0	NA	.0	0.2	NA	.0	1.1	**	NA	.0	.0
1982	.8	.0	NA	.0	**	NA	.0	.8	.0	NA	.0	.0
1983	2.5	.0	NA	.0	**	NA	.0	2.3	.2	NA	.0	.0
1984	1.9	.0	NA	1.6	.3	NA	.0	.0	.0	NA	.0	.0
1985	4.9	.0	NA	.0	.0	NA	.0	.0	.0	NA	.0	.0
1986	5.0	.0	.0	.0	.0	NA	.0	.0	.0	NA	.0	.0
1987	13.7	.0	.0	.0	.0	NA	5.0	.0	.0	NA	.0	.0
1988	13.3	.0	.0	2.5	.0	NA	.0	.0	.0	NA	.0	.0
1989	16.9	.0	.0	1.6	.0	NA	.0	.0	.0	NA	.0	.0
1990	19.2	.0	.0	4.5	.0	NA	.0	.0	.0	.0	.0	.0
1991	32.8	.0	.0	4.7	.1	NA	.0	.0	.0	.0	.0	.0
1992	39.0	.5	.0	7.0	.0	NA	.0	1.3	.0	.0	.0	.0
1993	33.2	.9	.0	4.0	.0	NA	.0	.0	.0	.0	.0	.0
1994	48.7	.6	.0	3.3	21.8	NA	.0	.0	.0	.0	.0	.0
1995	51.6	.6	.0	3.3	29.8	NA	.0	.2	.0	.0	.0	.0
1996	49.0	.8	.0	11.0	18.7	NA	.0	.0	.0	.0	.0	.0
1997	29.9	.6	.0	1.0	11.9	NA	.0	.1	.0	.0	.0	.0

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	R&D plant [5]									
1963	0.1	NA	NA	NA	13.4	50.6	NA	NA	NA	NA
1964	.0	NA	NA	NA	9.1	47.8	NA	NA	NA	NA
1965	**	NA	NA	NA	8.4	56.0	NA	NA	NA	NA
1966	.2	NA	NA	NA	7.4	49.3	NA	NA	NA	NA
1967	.0	NA	NA	NA	5.0	52.1	NA	NA	NA	NA
1968	.0	NA	NA	.0	.0	45.3	NA	NA	NA	.0
1969	**	.0	NA	.0	.0	21.4	NA	NA	NA	NA
1970	.0	.0	NA	.0	.0	16.5	NA	NA	NA	.0
1971	.0	.0	NA	.0	.2	9.7	NA	NA	NA	.0
1972	.0	.0	NA	.0	.6	10.0	NA	NA	NA	.0
1973	.2	.0	NA	.0	3.0	7.4	NA	NA	NA	.0
1974	.0	.0	NA	.0	.1	10.2	NA	NA	NA	.0
1975	.0	.0	NA	.0	.1	17.6	.0	NA	NA	.0
1976	.0	.0	NA	.0	.1	5.9	.0	NA	NA	.0
1977	.0	.0	NA	.0	**	7.3	.0	NA	NA	0.5
1978	.0	.0	NA	.0	.0	11.0	.0	NA	NA	**
1979	.0	0.5	NA	.0	.2	14.7	.0	NA	NA	.0
1980	.0	.0	NA	.0	.2	12.6	.0	NA	NA	.0
1981	.0	.0	NA	.0	.1	4.9	.0	NA	NA	.0
1982	.0	.0	NA	.0	.2	4.9	.0	NA	NA	.0
1983	.0	.0	NA	.0	1.5	7.7	.0	NA	NA	.0
1984	.0	.0	NA	.0	.3	9.7	.0	NA	NA	.0
1985	.0	.0	NA	.0	.2	14.9	.0	NA	NA	.0
1986	.0	.0	NA	.0	.4	16.0	.0	NA	NA	.0
1987	.0	.0	NA	.0	.6	7.4	.0	NA	NA	.0
1988	.0	.0	NA	.0	.6	5.4	.0	NA	NA	.0
1989	.0	.0	NA	.0	1.2	6.7	.0	NA	NA	.0
1990	.0	.0	NA	.0	1.3	7.5	.0	NA	NA	.0
1991	.0	.0	NA	.0	.8	8.8	.0	NA	NA	.0
1992	.0	.0	NA	.0	1.1	63.8	.0	NA	NA	.0
1993	.0	.0	NA	.0	9.9	63.3	.0	NA	NA	.0
1994	.1	.0	NA	.0	20.0	113.7	.0	NA	NA	2.0
1995	.0	.0	NA	0.1	15.8	216.8	.0	NA	NA	1.1
1996	.0	.0	.0	.0	.0	159.6	.0	.0	NA	1.2
1997	.0	.0	.0	.0	.7	146.2	.0	.0	.0	1.7
	Facilities for instruction in S&E									
1971[6]	0.1	.0	NA	.0	.0	12.1	NA	NA	NA	.0
1972	.0	.0	NA	.0	.0	3.0	NA	NA	NA	.0
1973	.1	.0	NA	.0	.0	1.6	NA	NA	NA	.0
1974	**	.0	NA	.0	.0	3.1	NA	NA	NA	.0
1975	.0	.0	NA	.0	.0	**	.0	NA	NA	.0
1976	.0	.0	NA	.0	.0	3.0	.0	NA	NA	.0
1977	.0	.0	NA	.0	.0	2.9	.0	NA	NA	.0
1978	**	.0	NA	.0	.0	3.5	.0	NA	NA	.0
1979	.0	.0	NA	.0	.0	3.2	.0	NA	NA	.0
1980	.0	.0	NA	.0	.0	2.8	.0	NA	NA	.0
1981	.0	.0	NA	.0	.0	3.2	.0	NA	NA	.0
1982	.0	.0	NA	.0	.0	.0	.0	NA	NA	.0
1983	.0	.0	NA	.0	.0	.0	.0	NA	NA	.0
1984	.0	.0	NA	.0	.0	.0	.0	NA	NA	.0
1985	.0	.0	NA	.0	.0	4.8	0.1	NA	NA	.0
1986	.0	.0	NA	.0	.0	5.0	.0	NA	NA	.0
1987	.0	.0	NA	.0	.0	8.7	.0	NA	NA	.0
1988	.4	.0	NA	.0	.0	10.4	.0	NA	NA	.0
1989	.0	.0	NA	.0	.0	15.3	.0	NA	NA	.0
1990	.0	.0	NA	.0	.0	14.7	.0	NA	NA	.0
1991	.0	.0	NA	.0	.0	21.8	.0	NA	NA	6.2
1992	.0	.0	NA	.0	.0	21.2	.0	NA	NA	9.0
1993	.0	.0	NA	.0	.0	21.2	.0	NA	NA	7.1
1994	.0	.0	NA	.0	.0	20.2	.0	NA	NA	2.8
1995	.0	.0	NA	.0	.0	17.7	.0	NA	NA	.0
1996	.0	0.2	.0	.0	.0	18.4	.0	.0	NA	.0
1997	.0	.0	.0	.0	.0	16.3	.0	.0	.0	.0

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Total	USDA	BEP	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Fellowships, traineeships, and training grants											
1966[6]	365.6	NA	NA	.0	NA	NA	NA	3.2	NA	NA	289.9	NA
1967	447.2	NA	NA	.0	NA	NA	NA	3.7	NA	NA	379.1	NA
1968	440.9	NA	NA	.0	NA	.0	NA	3.6	NA	NA	387.0	NA
1969	436.3	NA	NA	.0	NA	.0	NA	5.5	NA	NA	375.7	NA
1970	429.4	NA	NA	.0	NA	.0	NA	5.0	NA	NA	369.6	NA
1971	421.0	.0	NA	**	.0	.0	NA	2.6	10.1	NA	361.4	.0
1972	387.9	.0	NA	0.4	.0	.0	NA	2.0	5.6	NA	346.6	.0
1973	287.2	.0	NA	.6	.0	.0	NA	2.3	9.2	NA	256.8	.0
1974	326.6	.0	NA	**	.0	0.7	NA	.5	6.8	NA	301.5	.0
1975	201.3	.0	NA	**	.0	NA	NA	.7	5.0	NA	181.7	.0
1976	174.9	.0	NA	.0	.0	NA	NA	.1	3.6	NA	155.6	.0
1977	184.7	.0	NA	.0	.0	NA	NA	.2	1.3	NA	165.9	.0
1978	205.9	.0	NA	.0	.0	NA	NA	.7	3.6	NA	184.2	.0
1979	204.9	.0	NA	.0	.0	NA	NA	1.9	4.5	NA	182.3	.0
1980	210.1	.0	NA	.0	.0	NA	.0	.0	4.5	NA	187.6	.0
1981	205.4	.0	NA	.0	.0	NA	.0	.0	2.4	NA	183.5	.0
1982	176.6	.0	NA	.0	.0	NA	.0	.3	2.5	NA	151.9	.0
1983	189.6	0.2	NA	.2	0.7	NA	.0	.2	2.6	NA	164.0	.0
1984	194.9	.2	NA	.1	.0	NA	.0	.6	1.8	NA	164.6	.0
1985	253.1	7.0	NA	.1	.8	NA	.0	.4	2.1	NA	210.9	.0
1986	246.2	4.7	.0	.0	.5	NA	.0	.5	2.8	NA	204.3	.0
1987	290.9	4.7	.0	.6	2.3	NA	11.8	.6	1.8	NA	232.5	.0
1988	309.3	4.6	.0	2.6	1.5	NA	13.5	.7	2.0	NA	239.3	.0
1989	340.5	4.6	.0	1.2	.1	NA	22.9	.9	8.3	NA	256.2	.0
1990	393.8	7.8	.0	.7	.1	NA	28.5	1.6	3.5	.0	288.9	.0
1991	469.3	10.9	.0	3.9	1.3	NA	53.9	6.7	8.0	.0	313.2	.0
1992	511.1	11.9	.0	4.0	2.7	NA	63.8	8.1	10.6	.0	320.3	.0
1993	526.3	10.8	.0	2.1	2.2	NA	57.7	13.8	8.1	.0	335.4	.0
1994	633.2	10.8	.0	4.7	25.9	NA	99.0	1.9	9.2	.0	387.7	.0
1995	674.5	15.7	.0	3.9	4.4	NA	96.3	2.9	15.8	.0	418.2	.0
1996	637.7	15.0	.0	4.9	7.4	NA	80.7	.5	13.7	.0	423.1	.0
1997	677.0	21.0	.0	6.2	8.6	NA	81.0	.0	15.2	.0	450.3	.0
	General support for S&E											
1971[6]	99.7	.0	NA	0.2	.0	.0	NA	.0	.0	NA	40.2	.0
1972	83.3	.0	NA	1.5	.0	.0	NA	.0	.0	NA	40.7	.0
1973	39.0	.0	NA	.0	.0	.0	NA	.0	.0	NA	20.2	.0
1974	87.0	.0	NA	.5	.0	.0	NA	.0	.0	NA	64.2	.0
1975	46.4	.0	NA	1.8	.0	NA	NA	.0	.0	NA	37.3	.0
1976	74.5	.0	NA	4.4	.0	NA	NA	.0	.0	NA	41.8	.0
1977	75.9	.0	NA	.0	.0	NA	NA	2.5	.0	NA	42.0	.0
1978	74.4	.0	NA	.0	.0	NA	NA	.3	.0	NA	45.0	.0
1979	92.5	4.7	NA	.0	.0	NA	NA	**	1.3	NA	52.8	.0
1980	91.5	.0	NA	.0	.0	NA	.0	5.6	.0	NA	60.1	.0
1981	92.7	.0	NA	.0	7.1	NA	.0	.0	.9	NA	60.0	.0
1982	80.1	.0	NA	.0	4.8	NA	.0	**	1.7	NA	61.3	2.0
1983	94.8	.0	NA	.0	3.2	NA	**	3.7	1.6	NA	73.6	.4
1984	112.6	.0	NA	20.3	3.7	NA	.0	.6	2.7	NA	83.9	.0
1985	119.2	.0	NA	**	1.8	NA	.0	.4	1.1	NA	112.5	.0
1986	111.1	.0	.0	**	2.1	NA	.0	.0	.0	NA	106.1	.0
1987	236.9	.0	.0	.0	5.9	NA	108.1	.0	4.3	NA	113.1	.0
1988	171.8	.0	.0	.0	2.5	NA	54.8	.2	.0	NA	109.0	.0
1989	197.7	.0	.0	.0	1.8	NA	80.2	.0	.0	NA	109.5	.0
1990	143.9	.0	.0	1.0	.0	NA	30.1	.5	3.1	.0	102.2	.0
1991	192.8	.0	.0	29.4	.0	NA	32.1	.2	3.5	.0	108.7	.0
1992	160.2	.9	.0	28.2	.0	NA	36.5	.0	4.0	.0	69.3	.0
1993	66.8	.8	.0	15.0	**	NA	4.0	.0	1.9	.0	26.6	.0
1994	136.6	.3	.0	43.1	2.8	NA	7.4	6.1	.9	.0	63.5	.0
1995	264.0	.0	.0	55.6	5.7	NA	6.2	15.5	.0	.0	58.7	.0
1996	219.0	.1	.0	64.3	1.3	NA	5.9	5.9	.0	.0	71.0	.0
1997	170.7	5.6	.0	63.2	1.2	NA	6.5	6.3	.0	.0	75.8	.0

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Fellowships, traineeships, and training grants									
1966[6]	.0	NA	NA	NA	25.0	47.5	NA	NA	NA	NA
1967	.0	NA	NA	NA	15.0	49.4	NA	NA	NA	NA
1968	.0	NA	NA	.0	.9	49.4	NA	NA	NA	.0
1969	.0	NA	NA	.0	1.3	53.8	NA	NA	NA	NA
1970	.0	NA	NA	.0	2.1	52.7	NA	NA	NA	.0
1971	**	.0	NA	0.6	1.0	42.3	NA	NA	NA	2.8
1972	.0	.0	NA	.0	1.1	28.8	NA	NA	NA	3.5
1973	.0	.0	NA	.0	1.3	16.4	NA	NA	NA	.7
1974	.0	.0	NA	.0	1.2	14.4	NA	NA	NA	1.3
1975	.0	.0	NA	.0	1.3	9.7	.0	NA	NA	2.7
1976	.0	.0	NA	.0	1.3	13.4	**	NA	NA	.8
1977	.0	.0	NA	.0	1.4	14.8	0.1	NA	NA	.8
1978	3.2	0.6	NA	.0	1.3	11.7	**	NA	NA	.6
1979	.3	.0	NA	.0	1.8	14.1	.0	NA	NA	.0
1980	1.4	.0	NA	.0	2.8	13.8	.0	NA	NA	.0
1981	.9	.0	NA	.0	3.7	14.8	.1	NA	NA	.0
1982	.0	.0	NA	.0	4.2	17.5	.0	NA	NA	.4
1983	.0	.0	NA	.0	5.2	16.2	.0	NA	NA	.3
1984	.0	.0	NA	.0	5.3	21.8	.0	NA	NA	.4
1985	.0	.0	NA	.0	5.6	25.8	.0	NA	NA	.4
1986	.0	.0	NA	.0	7.9	25.2	.0	NA	NA	.2
1987	.0	.0	NA	.0	8.7	27.7	.0	NA	NA	.2
1988	.0	.0	NA	**	15.8	29.2	.0	NA	NA	.0
1989	.0	.0	NA	**	13.0	33.0	.0	NA	NA	.2
1990	**	.0	NA	.0	21.7	41.0	.0	NA	NA	.1
1991	.0	.0	NA	.0	36.3	34.5	.0	NA	NA	.6
1992	.0	.0	NA	.1	40.4	46.1	.0	NA	NA	3.0
1993	.0	.0	NA	.4	42.1	47.8	.0	NA	NA	5.9
1994	**	.0	NA	.3	43.9	46.1	.0	NA	NA	3.7
1995	.2	2.8	NA	.0	57.4	51.5	.0	NA	NA	5.3
1996	.6	.3	0.4	.0	37.7	49.6	.0	.0	NA	3.8
1997	.5	.0	.0	.0	41.6	51.2	.0	.0	.0	1.5
	General support for S&E									
1971[6]	1.1	.0	NA	1.2	.0	56.9	NA	NA	NA	.0
1972	1.2	5.2	NA	.0	.0	34.7	NA	NA	NA	.0
1973	1.3	2.3	NA	.9	.0	14.2	NA	NA	NA	.0
1974	1.6	1.5	NA	1.4	.0	17.8	NA	NA	NA	.0
1975	1.6	4.2	NA	1.5	.0	.0	.0	NA	NA	.0
1976	2.4	2.8	NA	1.5	.0	21.6	.0	NA	NA	.0
1977	1.8	4.1	NA	.0	.0	24.8	0.7	NA	NA	.0
1978	5.0	.0	NA	.0	.0	23.8	.0	NA	NA	0.3
1979	4.4	.0	NA	.0	.0	29.3	.0	NA	NA	.0
1980	2.3	.0	NA	.0	.0	23.2	.4	NA	NA	.0
1981	3.1	.0	NA	.0	.0	21.0	.0	NA	NA	.7
1982	6.8	.0	NA	.0	.0	3.5	.0	NA	NA	.0
1983	11.2	.0	NA	.0	.0	1.2	.0	NA	NA	.0
1984	.0	.0	NA	.0	.0	1.5	.0	NA	NA	.0
1985	.3	.0	NA	.0	.0	3.0	.0	NA	NA	.0
1986	.0	.0	NA	.0	.0	2.8	.0	NA	NA	.0
1987	.0	.0	NA	.0	.0	5.5	.0	NA	NA	.0
1988	2.1	.0	NA	.0	.0	3.4	.0	NA	NA	.0
1989	3.3	.0	NA	.0	.0	2.9	.0	NA	NA	.0
1990	2.7	.0	NA	.0	.0	4.3	.0	NA	NA	.0
1991	12.5	.0	NA	.0	.0	6.4	.0	NA	NA	.0
1992	12.1	.0	NA	.0	.0	7.7	.0	NA	NA	1.5
1993	7.8	.0	NA	.0	.0	9.8	.0	NA	NA	.8
1994	.2	.0	NA	.0	.0	12.1	.0	NA	NA	.0
1995	.0	107.3	NA	.0	.0	14.9	.0	NA	NA	.0
1996	.0	57.1	.0	.0	.0	13.3	.0	.0	NA	.0
1997	.0	10.0	.0	.0	.0	2.2	.0	.0	.0	.0

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Total	USDA	BEP	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Other S&E activities											
1963	393.1	63.4	NA	0.3	.0	NA	NA	5.3	NA	NA	208.9	NA
1964	452.2	67.5	NA	.5	.0	NA	NA	5.4	NA	NA	244.6	NA
1965	595.0	73.3	NA	.6	.0	NA	NA	5.9	NA	NA	359.8	NA
1966	431.0	76.1	NA	.7	.0	NA	NA	3.1	NA	NA	263.4	NA
1967	464.0	78.8	NA	.7	.0	NA	NA	2.5	NA	NA	256.7	NA
1968	414.5	80.1	NA	1.0	.0	.0	NA	2.5	NA	NA	186.4	0.7
1969	395.9	91.1	NA	.5	**	.0	NA	1.0	NA	NA	198.4	.1
1970	266.8	113.5	NA	.7	**	.0	NA	1.0	NA	NA	32.2	.0
1971	212.4	139.5	NA	.5	.0	.0	NA	.3	.0	NA	15.9	.0
1972	211.6	149.5	NA	.6	.0	.0	NA	.5	.0	NA	8.6	.0
1973	210.8	163.0	NA	2.7	.0	.0	NA	.8	.0	NA	8.0	.0
1974	205.7	164.0	NA	2.2	.0	.0	NA	.2	.0	NA	5.7	.0
1975	262.3	180.2	NA	1.7	.0	NA	NA	.1	.0	NA	15.3	.0
1976	252.2	204.4	NA	3.6	.0	NA	NA	.3	.0	NA	17.1	.0
1977	248.0	201.0	NA	.3	.0	NA	NA	.3	.0	NA	15.4	.0
1978	254.5	216.4	NA	.9	.0	NA	NA	.3	.0	NA	4.1	.0
1979	263.0	224.0	NA	1.5	.0	NA	NA	3.0	0.1	NA	6.9	.0
1980	287.2	232.3	NA	1.2	.0	NA	.0	2.8	.0	NA	3.4	.0
1981	321.5	250.0	NA	.7	17.1	NA	.0	7.9	**	NA	5.3	.0
1982	336.4	273.2	NA	.8	38.2	NA	.0	3.1	.2	NA	3.6	**
1983	331.8	282.3	NA	.6	22.9	NA	.0	**	.5	NA	2.8	**
1984	500.1	324.7	NA	8.2	122.8	NA	.0	.7	**	NA	3.5	.0
1985	520.5	335.7	NA	1.4	149.5	NA	.0	.1	.0	NA	6.5	.0
1986	506.0	316.8	.0	.8	148.5	NA	.0	**	.0	NA	9.1	.0
1987	554.8	308.6	.0	.6	171.4	NA	21.4	.0	1.1	NA	10.3	.0
1988	719.6	347.9	.0	.5	179.3	NA	116.4	.0	.0	NA	9.6	.0
1989	759.9	349.9	.0	3.8	206.1	NA	96.6	.1	.0	NA	16.5	.0
1990	755.5	360.0	.0	6.8	145.2	NA	130.4	.0	.0	.0	19.2	.0
1991	957.4	389.4	.0	21.8	200.2	NA	171.6	.0	.1	.0	16.6	.0
1992	991.8	408.0	.0	22.9	192.6	NA	197.0	.0	.1	.0	19.2	.0

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Other S&E activities									
1963	**	NA	NA	NA	14.1	101.1	NA	NA	NA	NA
1964	**	NA	NA	NA	20.2	113.9	NA	NA	NA	NA
1965	**	NA	NA	NA	25.4	130.1	NA	NA	NA	NA
1966	0.2	NA	NA	NA	2.3	85.2	NA	NA	NA	NA
1967	**	NA	NA	NA	2.4	122.8	NA	NA	NA	NA
1968	.4	NA	NA	.0	2.8	140.5	NA	NA	NA	**
1969	.9	.0	NA	.0	3.7	100.2	NA	NA	NA	NA
1970	.6	.0	NA	.0	1.7	117.0	NA	NA	NA	.0
1971	.0	2.0	NA	0.1	4.2	49.9	NA	NA	NA	.0
1972	.0	.0	NA	.0	4.9	47.5	NA	NA	NA	.0
1973	.0	.0	NA	.4	4.5	31.4	NA	NA	NA	.0
1974	.0	.0	NA	.0	5.7	27.9	NA	NA	NA	.0
1975	.0	.0	NA	**	6.4	58.6	**	NA	NA	.0
1976	.1	.0	NA	.0	10.7	16.0	.0	NA	NA	.0
1977	.3	.0	NA	.0	5.9	24.9	.0	NA	NA	.0
1978	.0	2.6	NA	.0	4.4	25.6	.0	NA	NA	0.2
1979	.0	.0	NA	.0	4.7	22.4	0.4	NA	NA	.0
1980	.0	.0	NA	.0	6.9	40.2	.5	NA	NA	.0
1981	**	.0	NA	.0	5.7	34.4	.4	NA	NA	**
1982	.0	.0	NA	.0	4.8	12.4	.0	NA	NA	.0
1983	**	.0	NA	.0	7.8	14.8	.0	NA	NA	.0
1984	.0	.0	NA	**	7.1	33.0	.0	NA	NA	.0
1985	.0	.0	NA	**	7.9	19.0	.3	NA	NA	**
1986	.0	.0	NA	.0	7.9	22.9	.0	NA	NA	**
1987	.0	.0	NA	.0	6.9	32.7	.0	NA	NA	1.8
1988	.0	.0	NA	.0	7.8	55.3	.0	NA	NA	2.9
1989	.0	.0	NA	.0	12.0	71.8	.0	NA	NA	3.1
1990	.0	.0	NA	.0	17.5	73.0	.0	NA	NA	3.3
1991	.1	.0	NA	.0	22.1	132.1	.0	NA	NA	3.5
1992	.0	.0	NA	.0	56.5	87.2	.0	NA	NA	8.3

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Total	USDA	BEP	Com	DoD [1]	OEO	ED [1]	DOE [2]	EPA	GSA	HHS	HUD
	Other S&E activities											
1993	923.9	412.6	.0	29.9	244.9	NA	.0	.0	0.1	.0	40.5	.0
1994	934.0	419.9	.0	27.3	237.5	NA	15.3	.0	.0	.0	20.2	.0
1995	948.8	423.2	.0	16.1	195.6	NA	17.9	.0	.0	.0	35.3	.0
1996	951.7	413.6	.0	15.7	155.2	NA	20.1	0.2	.0	.0	39.0	.0
1997	925.3	408.3	.0	31.1	159.4	NA	19.5	.1	.0	.0	33.1	.0

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

Table B-2. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity and agency: fiscal years 1963-97

[Dollars in millions]

Fiscal year	Int	AID [3]	OJP	Labor	NASA	NSF	NRC	SSA	DOS	DOT
	Other S&E activities									
1993	.0	.0	NA	**	75.7	111.2	.0	NA	NA	9.0
1994	0.2	.0	NA	**	41.7	170.8	.0	NA	NA	1.0
1995	.3	32.1	NA	.0	49.5	177.3	.0	NA	NA	1.5
1996	.6	30.2	.0	.0	49.0	226.7	.0	.0	NA	1.4
1997	.1	4.5	.0	.0	52.8	215.7	.0	.0	.0	.7

1 See Technical Notes, "Changes in Reporting."

2 Data shown for fiscal years (FYs) 1963-74 and FYs 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

3 The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the FY 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

4 Department of Defense (DoD) research is reported separately from DoD development. FY 1994 totals for the research and development portions are not comparable to other years; DoD was not able to provide comparable data. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

5 See Technical Notes, "Categories of Support."

6 Data collected before this year are not separately identified but are included under "Other S&E activities."

NOTES: Some trend shifts are related to institutional reclassification. Beginning in FY 1978, two laboratories that were formerly considered academically administered federally funded research and development centers became part of their respective institutions: Applied Physics Laboratory (Johns Hopkins University) and Applied Research Laboratory (Pennsylvania State University). Data for these laboratories are included in the academic figures beginning in FY 1978. Similarly, Draper Laboratories separated from the Massachusetts Institute of Technology (MIT) as of FY 1974 to become an independent nonprofit institution; data for this laboratory are included in MIT's figures prior to FY 1974.

Because of rounding, detail may not add to totals.

KEY:
USDA = Department of Agriculture
BEP = Bureau of Engraving and Printing
Com = Department of Commerce
DoD = Department of Defense
OEO = Office of Economic Opportunity
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
GSA = General Services Administration
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of the Interior
AID = Agency for International Development
OJP = Office of Justice Programs
Labor = Department of Labor
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
SSA = Social Security Administration
DOS = Department of State
DOT = Department of Transportation
NA = Not available
** = Amount less than $50,000

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1990-97

[Dollars in thousands]

Geographic division and State	1990	1991	1992	1993	1994	1995	1996	1997
United States, total	10,463,484	11,902,735	12,832,389	12,833,494	13,863,132	14,444,726	14,428,787	15,081,369
New England, total	1,080,855	1,185,425	1,275,161	1,299,847	1,306,735	1,367,171	1,363,811	1,391,121
Connecticut	211,615	227,412	248,516	250,160	258,838	257,297	270,996	283,873
Maine	14,400	14,106	16,970	21,683	22,603	19,188	17,013	20,944
Massachusetts	703,406	770,251	832,259	856,187	852,677	898,476	880,302	887,147
New Hampshire	56,636	62,151	72,279	69,370	64,945	70,108	77,345	77,862
Rhode Island	58,013	66,939	66,474	61,724	66,504	82,196	74,012	80,202
Vermont	36,785	44,566	38,663	40,723	41,168	39,906	44,143	41,093
Middle Atlantic, total	1,707,767	1,947,604	2,066,857	2,072,846	2,159,163	2,203,374	2,202,465	2,368,063
New Jersey	154,612	174,224	188,861	221,377	229,836	239,253	224,739	247,156
New York	963,060	1,053,273	1,128,862	1,063,211	1,133,658	1,131,894	1,140,506	1,206,760
Pennsylvania	590,095	720,107	749,134	788,258	795,669	832,227	837,220	914,147
East North Central, total	1,369,598	1,558,698	1,705,086	1,698,582	1,837,089	1,901,919	1,889,197	1,979,908
Illinois	388,966	426,257	449,800	457,248	505,357	522,998	521,388	543,930
Indiana	159,607	184,465	213,756	207,082	207,302	213,152	210,336	234,806
Michigan	316,276	361,114	417,688	419,055	434,712	454,575	454,959	475,484
Ohio	280,503	332,042	349,066	349,075	372,820	399,414	405,474	431,635
Wisconsin	224,246	254,820	274,776	266,122	316,898	311,780	297,040	294,053
West North Central, total	643,013	760,609	806,629	763,281	845,855	875,878	891,201	949,480
Iowa	130,267	152,203	156,468	155,770	176,787	164,793	168,947	173,123
Kansas	59,613	77,885	78,256	74,981	72,213	78,400	80,368	85,158
Minnesota	162,469	203,235	217,975	198,659	228,911	237,446	225,288	256,451
Missouri	197,703	215,486	238,633	228,849	261,191	275,488	292,736	309,332
Nebraska	46,698	59,568	61,427	50,635	55,397	61,222	65,110	65,913
North Dakota	34,656	38,145	39,002	37,833	33,600	40,895	39,418	36,405
South Dakota	11,607	14,087	14,868	16,554	17,756	17,634	19,334	23,098
South Atlantic, total	1,907,785	2,209,317	2,352,860	2,416,296	2,657,599	2,768,319	2,768,025	2,813,669
Delaware	22,553	24,797	34,409	33,391	38,350	41,704	42,313	40,534
District of Columbia	92,097	109,611	102,871	124,049	124,286	190,695	175,363	150,781
Florida	207,885	254,896	280,829	277,326	305,674	300,769	316,823	341,399
Georgia	201,000	262,536	288,647	266,716	316,753	338,035	325,169	345,310
Maryland	744,608	807,636	824,699	862,246	957,940	934,908	939,133	932,064
North Carolina	353,603	408,787	457,873	446,031	502,277	537,506	542,952	558,674
South Carolina	59,214	77,243	81,937	72,332	97,200	104,216	111,675	129,857
Virginia	195,492	217,570	232,805	254,000	260,451	271,378	260,371	275,891
West Virginia	31,333	46,241	48,790	80,205	54,668	49,108	54,226	39,159
East South Central, total	438,242	497,456	527,882	529,478	570,164	614,560	605,667	661,747
Alabama	154,052	187,193	194,806	198,489	213,484	238,045	236,680	258,963
Kentucky	58,015	62,736	73,289	77,035	83,986	86,526	87,883	92,458
Mississippi	62,282	62,751	65,775	72,145	72,304	76,945	73,960	76,855
Tennessee	163,893	184,776	194,012	181,809	200,390	213,044	207,144	233,471
West South Central, total	729,043	835,471	937,813	938,604	1,000,629	1,034,500	1,055,979	1,116,694
Arkansas	36,276	45,598	48,790	50,907	57,993	55,700	57,244	61,062
Louisiana	94,307	120,420	132,794	124,488	141,320	140,559	147,767	157,174
Oklahoma	51,831	57,937	78,347	66,190	77,412	78,336	79,093	84,090
Texas	546,629	611,516	677,882	697,019	723,904	759,905	771,875	814,368
Mountain, total	598,948	710,912	755,553	751,415	876,655	892,280	830,993	885,792
Arizona	128,532	147,587	160,176	159,712	197,769	203,561	183,130	177,720
Colorado	186,161	218,172	246,535	230,694	283,119	279,701	279,792	318,604
Idaho	15,077	26,653	20,403	21,564	26,520	20,515	18,838	26,908
Montana	19,210	23,923	29,024	30,408	34,996	36,572	38,938	43,665
Nevada	24,691	25,221	30,897	29,709	31,374	28,144	27,301	27,944
New Mexico	78,345	100,279	103,154	124,873	131,903	146,119	129,645	125,476
Utah	134,978	154,809	148,966	133,868	152,316	160,677	136,090	147,006
Wyoming	11,954	14,268	16,398	20,587	18,658	16,991	17,259	18,469

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

Table B-3. Federal obligations for science and engineering to universities and colleges, by geographic division and State: fiscal years 1990-97

[Dollars in thousands]

Geographic division and State	1990	1991	1992	1993	1994	1995	1996	1997
Pacific, total	1,931,058	2,150,170	2,352,592	2,313,669	2,544,558	2,725,179	2,756,105	2,848,542
Alaska	26,969	29,276	34,131	46,629	40,331	33,164	32,650	41,779
California	1,446,081	1,596,399	1,771,195	1,710,662	1,900,549	2,036,386	2,085,734	2,119,395
Hawaii	55,865	63,538	64,440	67,140	73,607	65,870	70,073	77,874
Oregon	124,739	149,258	157,461	159,671	163,577	189,418	173,839	197,127
Washington	277,404	311,699	325,365	329,567	366,494	400,341	393,809	412,367
Outlying Areas, total	57,175	47,073	51,956	49,476	64,685	61,546	65,344	66,353
American Samoa	1,223	1,291	1,223	1,233	1,299	1,311	1,173	970
Guam	3,091	3,262	2,883	3,334	3,427	4,256	3,696	3,673
Puerto Rico	48,968	38,504	43,481	39,690	54,812	50,195	55,739	56,124
Trust Territory of the Pacific Islands	1,835	1,933	1,964	2,247	2,323	2,584	2,731	3,186
Virgin Islands	2,058	2,083	2,405	2,972	2,824	3,200	2,005	2,400

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
Total, all institutions	10,463,484	11,902,735	12,832,389	12,833,494	13,863,132	14,444,726	14,428,787	15,081,369
1 Johns Hopkins University	607,259	649,007	660,675	701,118	764,035	729,177	729,447	703,890
2 University of Washington	243,031	272,312	280,054	279,854	309,555	339,521	347,511	357,048
3 Stanford University	273,428	259,929	270,056	268,673	282,549	298,139	317,932	338,298
4 U of Michigan	193,155	218,167	233,782	233,909	263,243	268,126	282,423	293,959
5 U of CA San Diego	174,762	195,440	214,975	217,412	245,663	256,022	257,234	262,298
6 U of Pennsylvania	157,169	186,678	193,366	201,928	209,073	225,052	238,623	261,802
7 MA Inst of Technology	242,340	256,603	275,279	278,032	288,498	304,998	261,317	250,893
8 U of Minnesota	156,401	196,383	212,386	193,296	205,277	231,070	220,684	249,650
9 U of CA San Francisco	180,398	191,275	209,671	187,663	217,505	215,359	234,958	242,505
10 Harvard University	165,736	181,438	198,310	187,932	210,011	219,207	242,078	241,993
Total 1st 10 institutions	2,393,679	2,607,232	2,748,554	2,749,817	2,995,409	3,086,671	3,132,207	3,202,336
11 Cornell University	185,443	200,805	218,653	216,662	221,549	240,922	230,700	240,796
12 U of CA Los Angeles	188,407	208,394	215,751	207,871	239,078	229,693	226,653	233,783
13 Columbia U City New York	167,167	185,237	202,301	205,791	197,615	199,683	205,684	225,288
14 U of Colorado	125,514	150,684	167,435	157,758	190,377	187,550	197,416	223,606
15 U of WI Madison	177,043	205,012	222,225	216,290	238,375	241,743	231,195	223,079
16 Yale University	157,955	171,710	190,388	182,404	200,781	195,677	211,782	220,864
17 Washington University	129,031	138,696	148,036	144,275	165,336	176,962	198,854	206,197
18 PA St U University Park	155,811	166,986	176,070	211,027	207,289	188,683	190,193	204,093
19 Duke University	125,861	141,811	151,091	148,467	165,501	166,348	176,225	197,128
20 U of Pittsburgh	123,509	160,599	182,451	141,460	162,839	177,392	166,050	189,302
Total 1st 20 institutions	3,929,420	4,337,166	4,622,955	4,581,822	4,984,149	5,091,324	5,166,959	5,366,472
21 U of NC Chapel Hill	113,418	128,809	151,616	141,702	164,168	170,468	181,153	181,428
22 U of CA Berkeley	139,261	162,359	185,338	162,397	183,138	181,669	175,006	180,268
23 CA Inst of Technology	77,647	90,105	109,877	117,911	109,057	219,487	190,684	172,276
24 U of Southern California	128,756	140,088	151,454	139,412	166,206	158,554	175,137	163,446
25 U of Alabama Birmingham	78,304	95,038	98,978	106,144	112,346	124,884	144,072	157,676
26 U of IL Urbana-Champaign	120,878	136,044	142,330	138,354	146,582	146,139	143,900	153,014
27 Case Western Reserve U	77,149	93,937	94,254	96,798	108,212	135,092	144,868	152,098
28 University of Chicago	101,048	114,390	118,031	111,924	114,674	127,404	132,870	132,168
29 University of Arizona	101,897	108,050	122,617	121,173	157,866	152,633	136,593	131,711
30 Ohio State U	93,961	99,596	109,520	104,677	114,754	116,027	111,039	126,347
Total 1st 30 institutions	4,961,739	5,505,582	5,906,970	5,822,314	6,361,152	6,623,681	6,702,281	6,916,904
31 University of Rochester	110,524	122,363	132,965	131,252	125,863	119,975	118,509	125,533
32 Vanderbilt University	79,794	86,834	93,010	89,140	98,139	104,165	102,859	119,138
33 Northwestern University	68,236	74,318	87,189	90,920	106,116	111,808	119,313	119,107
34 U of TX Austin	111,727	106,147	121,430	146,743	124,128	134,910	123,689	112,048
35 U of CA Davis	71,992	84,517	97,005	92,923	104,100	105,559	110,294	110,764
36 University of Iowa	82,610	92,124	98,913	93,405	100,501	102,086	106,516	108,486
37 Indiana U	68,002	78,234	101,156	99,727	90,792	99,037	99,978	106,871
38 University of Florida	68,732	79,467	109,895	95,933	93,659	98,120	103,097	106,288
39 Baylor Col of Medicine	76,110	87,593	89,304	92,755	104,211	91,209	98,072	105,115
40 Carnegie Mellon U	52,344	55,474	67,580	78,287	70,030	83,276	99,441	104,248
Total 1st 40 institutions	5,751,810	6,372,653	6,905,417	6,833,399	7,378,691	7,673,826	7,784,049	8,034,502
41 Boston University	65,164	73,893	85,250	107,392	84,504	92,687	105,366	103,395
42 Scripps Rsch Inst, The	0	55,798	69,467	72,560	82,915	83,666	94,515	103,387
43 U of MD College Park	78,072	89,084	88,783	85,762	97,519	105,431	103,473	103,122
44 NY University	80,795	92,019	102,009	82,332	98,086	90,914	90,290	102,382
45 University of Utah	68,578	86,945	82,105	82,458	98,827	106,292	94,645	101,304
46 Emory University	51,169	61,596	68,164	67,482	78,294	84,828	86,531	100,832
47 U of Virginia	66,690	76,251	86,007	86,929	84,111	88,949	94,205	97,381
48 U of TX SW Med Ctr Dals	54,616	59,837	63,950	65,314	77,368	78,776	88,935	96,909
49 Purdue University	76,256	80,046	89,844	89,920	97,505	89,885	88,311	96,044
50 University of Miami	67,130	74,377	75,488	69,919	88,931	86,753	84,325	91,890
Total 1st 50 institutions	6,360,280	7,122,499	7,716,484	7,643,467	8,266,751	8,582,007	8,714,645	9,031,148

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

Table B-4. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
51 Georgia Inst of Tech	56,308	84,402	73,285	62,680	89,839	100,650	92,333	89,504
52 Rutgers St U of NJ	52,623	59,594	72,384	83,554	82,084	88,466	78,380	87,578
53 Yeshiva University NY	72,469	77,415	77,808	67,942	76,114	69,095	78,018	85,332
54 Michigan State University	73,555	78,909	92,193	98,947	87,255	96,353	85,425	85,312
55 Texas A&M U	69,374	78,795	90,540	90,697	88,221	94,190	85,078	83,719
56 SUNY at Stony Brook	50,890	54,173	61,976	62,504	66,489	75,876	82,702	83,123
57 LA St U All Campuses	59,592	66,521	61,089	81,710	80,757	70,806	75,233	81,845
58 NC State U	58,929	63,505	77,962	71,637	74,029	85,091	77,041	79,728
59 Princeton University	55,366	58,149	62,373	65,390	67,326	78,242	75,068	77,751
60 U of Kentucky All Cmp	45,674	49,383	57,739	60,657	65,372	66,336	70,192	75,649
Total 1st 60 institutions	6,955,060	7,793,345	8,443,833	8,389,185	9,044,237	9,407,112	9,514,115	9,860,689
61 Colorado State University	47,205	51,700	60,151	53,956	67,000	66,739	61,751	74,266
62 Oregon State University	50,803	61,191	63,157	65,161	67,954	84,067	72,435	73,835
63 U of MD Baltimore	42,798	51,061	54,644	52,466	64,373	69,262	71,966	73,372
64 CUNY Mt Sinai Schl of Med	45,387	51,345	52,529	45,262	55,583	57,728	65,589	72,169
65 U of CA Irvine	57,166	55,090	66,369	64,050	69,565	71,578	69,861	71,464
66 Oregon Hlth Sciences U	42,390	45,507	47,288	52,299	53,524	54,104	53,199	71,399
67 U of TX Hlth Sci Houston	31,090	34,816	36,307	38,753	46,422	50,738	67,427	69,114
68 U of Hawaii Manoa	46,354	50,302	49,505	55,880	58,741	54,819	56,927	67,874
69 Virginia Poly Inst & St U	44,200	46,060	49,272	69,187	73,172	69,697	60,504	67,325
70 Georgetown University	31,928	40,996	39,330	58,418	62,519	116,017	95,072	67,052
Total 1st 70 institutions	7,394,381	8,281,413	8,962,385	8,944,617	9,663,090	10,101,861	10,188,846	10,568,559
71 Wayne State University	29,491	35,948	44,365	42,735	49,279	51,023	59,273	66,419
72 U of New Mexico	23,327	37,680	43,387	60,999	74,407	83,155	65,459	65,412
73 U of IL Chicago	45,412	50,547	50,882	58,450	64,197	57,799	61,552	65,237
74 U of CA Santa Barbara	45,373	48,427	51,433	54,860	64,875	63,625	64,254	64,379
75 U of Med & Dent of NJ	39,183	42,685	42,451	53,773	54,295	49,695	56,845	62,093
76 U of TX MD Anderson Cancr	31,805	36,001	41,546	43,219	49,500	46,712	56,618	60,612
77 Iowa State University	45,737	52,611	52,299	58,267	72,201	58,831	58,975	59,441
78 U of Missouri Columbia	37,359	40,219	51,012	42,016	47,245	48,376	45,246	57,999
79 U of Connecticut	49,259	51,205	51,502	61,452	52,195	55,062	53,193	57,692
80 Woods Hole Ocean Inst	53,690	54,118	75,329	66,821	68,281	69,967	59,812	57,106
Total 1st 80 institutions	7,795,017	8,730,854	9,466,591	9,487,209	10,259,565	10,686,106	10,770,073	11,184,949
81 University of Georgia	53,809	58,205	62,610	68,307	66,867	60,943	60,129	56,303
82 U of Cincinnati	42,840	57,676	59,651	56,186	55,436	54,785	54,965	55,962
83 Wake Forest University	30,149	39,585	40,480	42,526	56,784	54,109	58,588	55,916
84 Thomas Jefferson U	23,353	27,711	34,914	39,635	47,199	50,211	52,837	53,242
85 U of MA Worcester	0	0	38,955	36,639	38,872	38,928	46,969	52,878
86 University of Kansas	32,775	42,330	43,143	36,438	37,810	44,402	49,762	49,827
87 U of TX Med Brnch Galvstn	21,652	26,345	31,505	29,748	33,821	39,014	45,223	49,292
88 Dartmouth College	32,905	38,103	42,506	43,641	41,498	42,747	47,137	48,462
89 U of Tennessee Knoxville	0	0	45,198	42,070	40,924	41,748	41,057	47,981
90 U of MA Amherst	0	0	37,549	40,237	41,682	48,416	44,157	47,891
Total 1st 90 institutions	8,032,500	9,020,809	9,903,102	9,922,636	10,720,458	11,161,409	11,270,897	11,702,703
91 Washington State U	28,394	33,867	38,116	38,664	43,861	45,327	38,994	47,869
92 Brown University	37,066	39,803	40,877	36,887	39,692	45,911	43,093	47,742
93 U of TX Hlth Sci S Anto	36,283	39,114	45,700	48,415	52,408	53,423	54,327	47,713
94 New Mexico St U	49,158	55,752	50,888	54,072	48,338	51,897	49,151	46,724
95 Tufts University	41,128	43,797	47,324	49,179	47,407	41,982	42,228	46,724
96 Florida State University	29,152	47,245	38,788	41,966	38,790	39,978	48,196	46,463
97 Virginia Commonwealth U	45,376	49,198	48,580	44,029	45,647	51,554	50,761	46,001
98 Rockefeller University	37,279	42,660	39,281	36,528	43,716	43,955	47,682	45,602
99 Tulane University	22,571	25,032	34,068	27,629	41,344	42,453	44,999	44,269
100 U of SC All Campuses	20,336	20,868	22,211	19,738	28,604	22,189	27,471	43,370
Total 1st 100 institutions	8,379,243	9,418,145	10,308,935	10,319,743	11,150,265	11,600,078	11,717,799	12,165,180

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1990-97

[Dollars in thousands]

Geographic division and State	1990	1991	1992	1993	1994	1995	1996	1997
United States, total	9,009,340	10,087,076	10,921,100	11,023,801	11,894,091	12,164,535	12,323,165	13,002,538
New England, total	971,467	1,055,261	1,133,617	1,166,063	1,177,898	1,212,080	1,195,590	1,248,814
Connecticut	189,462	198,672	220,981	216,577	232,159	230,908	246,017	257,936
Maine	10,152	9,740	10,363	13,572	14,184	13,730	10,694	14,807
Massachusetts	635,952	698,233	750,149	784,135	779,947	806,792	774,202	802,454
New Hampshire	52,386	55,501	62,852	62,959	60,228	62,006	68,951	69,306
Rhode Island	51,828	55,243	56,281	52,877	56,200	64,059	60,542	70,411
Vermont	31,687	37,872	32,991	35,943	35,180	34,585	35,184	33,900
Middle Atlantic, total	1,529,911	1,722,528	1,815,749	1,838,465	1,958,090	1,960,205	1,971,514	2,139,428
New Jersey	139,264	150,569	162,478	187,700	201,977	210,478	198,759	218,975
New York	851,970	917,093	977,850	941,053	1,027,710	1,011,069	1,017,749	1,089,236
Pennsylvania	538,677	654,866	675,421	709,712	728,403	738,658	755,006	831,217
East North Central, total	1,195,918	1,342,616	1,435,670	1,459,876	1,602,864	1,624,483	1,653,342	1,727,821
Illinois	335,877	362,336	376,278	402,193	440,447	440,551	452,314	465,671
Indiana	137,859	156,198	178,589	172,788	178,588	181,028	180,530	207,299
Michigan	274,026	313,736	340,042	342,039	379,950	387,633	404,031	422,666
Ohio	250,885	291,113	305,278	307,395	329,040	351,572	351,424	375,137
Wisconsin	197,271	219,233	235,483	235,461	274,839	263,699	265,043	257,048
West North Central, total	519,933	598,788	643,339	637,278	676,048	731,145	747,367	805,676
Iowa	106,735	124,814	129,974	133,621	142,777	138,805	138,843	147,578
Kansas	44,005	50,895	59,599	62,522	57,114	63,921	64,492	68,012
Minnesota	141,711	172,991	179,877	171,504	186,702	206,386	195,527	228,950
Missouri	169,883	181,893	204,302	197,457	219,456	239,357	257,908	271,832
Nebraska	29,379	42,824	40,868	41,148	40,217	45,424	50,809	51,492
North Dakota	22,429	18,666	21,408	21,027	19,210	27,499	31,259	24,661
South Dakota	5,791	6,705	7,311	9,999	10,572	9,753	8,529	13,151
South Atlantic, total	1,579,509	1,756,223	1,917,006	1,972,948	2,162,270	2,215,066	2,288,870	2,335,192
Delaware	19,074	19,688	28,597	26,469	29,711	32,058	32,940	30,617
District of Columbia	78,658	91,879	87,081	109,860	111,571	152,642	142,130	128,798
Florida	180,487	217,377	242,496	230,035	260,555	258,624	267,913	293,132
Georgia	176,210	193,805	217,915	217,533	232,274	254,093	255,638	250,871
Maryland	588,465	622,221	670,782	687,348	778,465	747,577	791,081	782,083
North Carolina	305,690	340,513	384,525	385,329	429,349	449,208	465,193	486,784
South Carolina	42,668	54,996	60,405	57,009	71,678	72,810	89,870	105,543
Virginia	166,017	182,033	196,532	221,063	223,428	228,276	218,386	238,396
West Virginia	22,240	33,711	28,673	38,302	25,239	19,778	25,719	18,968
East South Central, total	337,519	393,861	425,091	424,482	449,999	487,143	485,882	538,563
Alabama	129,563	155,818	165,643	160,946	178,955	200,910	200,144	223,614
Kentucky	38,098	46,190	56,162	58,818	62,716	62,595	69,256	72,872
Mississippi	36,134	42,970	43,814	51,507	46,853	48,750	46,010	51,921
Tennessee	133,724	148,883	159,472	153,211	161,475	174,888	170,472	190,156
West South Central, total	593,853	677,292	780,423	781,400	832,948	850,984	893,300	940,352
Arkansas	23,537	25,785	29,504	32,557	37,973	38,585	41,605	42,962
Louisiana	68,774	101,680	105,472	96,317	122,573	104,716	121,057	133,059
Oklahoma	35,607	33,148	53,111	45,137	45,510	51,180	49,049	57,704
Texas	465,935	516,679	592,336	607,389	626,892	656,503	681,589	706,627
Mountain, total	533,751	590,747	644,335	671,398	734,303	725,429	678,546	731,825
Arizona	115,683	126,362	137,286	144,435	176,936	176,480	155,644	152,634
Colorado	168,905	185,613	213,510	208,492	240,566	239,861	234,102	275,910
Idaho	10,381	13,694	14,904	16,546	19,124	14,846	12,560	15,376
Montana	13,041	16,216	18,835	24,400	25,295	24,101	26,089	32,603
Nevada	23,022	21,909	25,062	24,865	27,328	23,734	23,032	23,750
New Mexico	70,081	86,483	89,216	112,115	101,821	94,145	90,310	83,676
Utah	122,907	129,584	132,812	123,175	130,229	140,664	123,031	132,821
Wyoming	9,731	10,886	12,710	17,370	13,004	11,598	13,778	15,055

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

Table B-5. Federal obligations for science and engineering research and development to universities and colleges, by geographic division and State: fiscal years 1990-97

[Dollars in thousands]

Geographic division and State	1990	1991	1992	1993	1994	1995	1996	1997
Pacific, total	1,725,685	1,924,227	2,096,434	2,042,706	2,264,733	2,327,245	2,371,789	2,497,007
Alaska	25,060	25,441	27,870	34,282	35,757	25,033	23,984	33,905
California	1,316,685	1,454,161	1,616,785	1,539,175	1,710,552	1,751,636	1,811,557	1,880,393
Hawaii	48,231	47,291	49,794	53,615	62,203	55,895	57,299	63,394
Oregon	95,927	124,579	123,796	130,083	137,876	153,560	138,188	168,445
Washington	239,782	272,755	278,189	285,551	318,345	341,121	340,761	350,870
Outlying Areas, total	21,794	25,533	29,436	29,185	34,938	30,755	36,965	37,860
American Samoa	592	657	680	679	668	665	662	391
Guam	1,320	1,325	1,656	1,438	1,722	1,951	1,809	1,858
Puerto Rico	18,000	21,650	25,154	24,884	30,197	25,461	32,218	33,245
Trust Territory of the Pacific Islands	829	853	779	974	983	1,133	1,224	1,298
Virgin Islands	1,053	1,048	1,167	1,210	1,368	1,545	1,052	1,068

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
Total, all institutions	9,009,340	10,087,076	10,921,100	11,023,801	11,894,091	12,164,535	12,323,165	13,002,538
1 Johns Hopkins University[1]	469,544	490,893	534,128	543,894	612,691	569,329	611,683	587,484
2 Stanford University	247,992	237,842	246,589	249,575	262,438	266,744	294,859	315,686
3 University of Washington	217,214	245,288	245,428	246,035	276,260	299,704	309,853	314,938
4 U of Michigan	176,370	193,954	210,000	214,612	240,833	243,579	261,284	270,858
5 U of CA San Diego	164,774	183,659	202,477	204,063	228,856	239,249	226,260	246,181
6 U of Pennsylvania	142,509	169,352	178,002	187,281	190,296	202,252	216,699	242,011
7 MA Inst of Technology	218,283	232,619	249,852	253,612	265,540	280,298	229,174	228,287
8 U of Minnesota	137,458	168,854	177,237	167,387	179,501	202,791	192,556	225,460
9 U of CA San Francisco	167,270	178,698	195,178	175,443	204,404	201,770	218,935	222,045
10 U of CA Los Angeles	176,735	194,359	202,754	195,788	224,376	216,423	208,356	216,958
Total 1st 10 institutions	2,118,149	2,295,518	2,441,645	2,437,690	2,685,195	2,722,139	2,769,659	2,869,908
11 Harvard University	148,055	161,719	176,967	169,173	190,125	191,499	205,360	215,939
12 Columbia U City New York	153,171	168,861	190,483	194,910	187,308	185,670	190,230	209,604
13 Yale University	142,483	152,513	172,304	169,151	182,754	179,542	197,042	205,272
14 Cornell University	144,749	156,151	162,331	174,182	194,484	202,194	178,194	204,466
15 U of Colorado	116,449	128,783	147,943	145,497	166,455	165,373	168,953	203,721
16 U of WI Madison	155,175	179,079	192,471	190,607	207,645	207,734	208,300	195,287
17 Washington University	117,907	125,282	134,336	133,210	149,860	165,373	186,572	194,615
18 Duke University	116,109	128,098	139,868	138,839	154,649	154,998	164,886	186,892
19 PA St U University Park	136,438	144,400	148,196	173,121	184,454	152,532	155,468	176,872
20 U of Pittsburgh	116,581	151,545	168,451	135,678	156,582	166,280	154,120	176,721
Total 1st 20 institutions	3,465,266	3,791,949	4,074,995	4,062,058	4,459,511	4,493,334	4,578,784	4,839,297
21 U of NC Chapel Hill	100,183	111,501	130,245	129,075	146,161	156,302	164,603	165,365
22 U of Southern California	122,705	133,074	141,449	125,297	149,909	152,179	164,049	156,099
23 U of Alabama Birmingham	74,529	90,355	94,055	90,740	104,409	120,191	134,107	151,204
24 U of CA Berkeley	121,674	135,393	154,708	133,232	151,064	142,422	138,973	150,140
25 Case Western Reserve U	71,256	87,747	88,518	89,608	99,483	127,350	136,514	143,194
26 U of IL Urbana-Champaign	99,742	110,509	111,615	116,116	119,674	115,717	116,740	125,787
27 University of Chicago	88,486	97,949	98,668	99,378	102,363	106,723	118,110	119,411
28 University of Rochester	102,453	103,510	103,020	98,935	108,638	107,604	110,951	119,407
29 University of Arizona	92,824	95,206	106,234	107,832	144,036	137,077	120,770	117,055
30 Northwestern University	61,100	67,725	81,553	82,636	99,496	101,878	109,279	108,238
Total 1st 30 institutions	4,400,218	4,824,918	5,185,060	5,134,907	5,684,744	5,760,777	5,892,880	6,195,197
31 CA Inst of Technology	69,228	80,585	97,956	87,702	83,772	113,684	112,221	107,597
32 Ohio State U	80,066	82,106	90,466	84,141	93,611	96,455	90,923	107,261
33 Vanderbilt University	70,585	76,443	84,390	82,091	87,238	94,421	92,050	106,732
34 U of CA Davis	68,859	79,199	90,507	84,495	98,856	98,936	95,994	105,924
35 Scripps Rsch Inst, The	0	55,508	69,467	72,560	82,915	83,216	94,515	103,387
36 University of Iowa	76,762	85,113	92,133	87,875	94,500	93,867	93,542	100,489
37 Indiana U	61,435	69,205	88,348	81,374	82,946	89,030	90,158	99,164
38 Carnegie Mellon U	50,025	50,167	63,586	74,865	66,468	80,327	97,078	98,277
39 Boston University	59,380	67,153	79,255	102,642	77,844	86,090	92,900	97,015
40 NY University	75,749	86,150	96,349	77,694	92,767	85,543	84,169	95,235
Total 1st 40 institutions	5,012,307	5,556,547	6,037,517	5,970,346	6,545,661	6,682,346	6,836,430	7,216,278
41 Baylor Col of Medicine	72,260	82,849	84,947	88,276	98,514	84,076	92,211	94,634
42 U of TX Austin	91,843	95,063	110,616	117,225	103,155	115,879	104,489	94,607
43 University of Utah	65,250	71,966	76,441	77,407	84,896	93,783	88,622	93,190
44 U of TX SW Med Ctr Dals	50,504	55,878	60,673	61,269	72,361	75,607	84,331	92,547
45 Emory University	49,581	57,385	65,424	64,526	75,391	75,763	80,249	92,272
46 U of MD College Park	64,723	72,115	71,901	76,326	80,617	92,754	88,507	90,664
47 U of Virginia	60,796	66,916	77,182	79,221	76,035	78,951	84,141	90,292
48 University of Florida	55,498	63,270	92,533	77,359	73,037	82,450	81,495	89,709
49 University of Miami	63,707	68,511	71,329	67,315	83,694	80,703	76,826	82,435
50 Yeshiva University NY	67,045	72,115	73,413	64,627	71,337	64,692	73,438	80,171
Total 1st 50 institutions	5,653,514	6,262,615	6,821,976	6,743,897	7,364,698	7,527,004	7,690,739	8,116,799

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

Table B-6. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
51 Purdue University	62,572	64,543	71,320	74,940	77,952	71,321	70,557	79,279
52 SUNY at Stony Brook	45,868	50,403	57,915	58,590	61,832	70,047	75,718	75,920
53 Rutgers St U of NJ	44,642	45,852	57,574	70,118	65,676	71,530	65,769	75,763
54 Princeton University	50,474	51,233	55,524	59,871	62,041	71,904	66,968	71,162
55 CUNY Mt Sinai Schl of Med	43,954	50,037	51,178	43,638	53,533	54,403	62,386	68,789
56 U of MD Baltimore	41,100	48,125	51,943	49,992	61,050	65,906	69,243	68,574
57 U of CA Irvine	53,429	51,046	63,114	61,567	66,191	67,079	66,462	67,327
58 Oregon Hlth Sciences U	25,344	43,481	35,293	37,898	48,890	48,090	46,810	67,210
59 Michigan State University	56,619	62,793	70,861	67,733	68,484	69,265	64,492	67,060
60 LA St U All Campuses	40,886	55,952	46,287	58,296	67,984	51,701	60,706	66,507
Total 1st 60 institutions	6,118,402	6,786,080	7,382,985	7,326,540	7,998,331	8,168,250	8,339,850	8,824,390
61 U of TX Hlth Sci Houston	29,943	33,381	35,209	37,465	44,846	48,550	65,399	66,250
62 Wayne State University	27,689	33,280	40,171	40,172	45,430	47,237	55,016	61,571
63 U of Kentucky All Cmp	29,288	35,914	45,221	46,594	48,581	47,985	55,713	61,450
64 Georgia Inst of Tech	54,250	56,008	45,833	60,577	51,372	75,556	67,890	61,004
65 U of CA Santa Barbara	41,661	44,469	49,055	51,464	60,008	59,684	59,855	60,257
66 Georgetown University	28,740	37,668	36,516	56,523	61,119	88,469	73,604	59,782
67 U of TX MD Anderson Cancr	30,650	34,693	40,442	42,602	48,434	45,457	55,541	59,250
68 U of IL Chicago	42,293	46,517	47,144	55,202	60,139	51,428	55,833	58,852
69 Texas A&M U	47,221	52,367	58,798	65,829	58,587	56,223	57,573	58,341
70 Oregon State University	44,473	51,297	52,287	53,999	53,882	61,127	51,352	58,050
Total 1st 70 institutions	6,494,610	7,211,674	7,833,661	7,836,967	8,530,729	8,749,966	8,937,626	9,429,197
71 Colorado State University	40,820	43,671	50,514	46,365	56,550	53,950	51,266	57,472
72 U of Med & Dent of NJ	38,066	41,465	41,046	41,788	52,020	46,067	53,851	57,085
73 Woods Hole Ocean Inst	50,751	50,891	72,601	61,399	66,791	67,124	57,968	55,476
74 NC State U	43,900	43,697	55,133	50,708	51,205	59,933	55,116	55,216
75 U of Hawaii Manoa	40,049	38,814	41,193	47,254	50,628	47,709	46,091	55,043
76 Virginia Poly Inst & St U	32,239	32,648	36,734	57,141	60,236	54,735	44,470	53,227
77 U of Cincinnati	38,364	51,490	53,039	51,936	52,371	51,186	49,925	52,942
78 Wake Forest University	29,019	35,224	36,901	37,768	51,789	49,485	53,342	52,927
79 Thomas Jefferson U	22,195	26,068	33,405	38,180	45,066	47,843	50,212	50,263
80 U of MA Worcester	0	0	37,937	34,574	37,460	36,544	44,834	49,424
Total 1st 80 institutions	6,830,013	7,575,642	8,292,164	8,304,080	9,054,845	9,264,542	9,444,701	9,968,272
81 U of Connecticut	43,589	42,860	43,477	43,027	44,821	46,956	43,725	48,255
82 U of New Mexico	20,132	32,446	38,624	55,827	58,306	50,032	40,520	46,507
83 U of TX Med Brnch Galvstn	20,404	25,272	29,238	28,616	31,445	36,345	41,517	46,227
84 Florida State University	27,531	45,334	36,794	26,847	37,801	37,630	45,296	45,808
85 Dartmouth College	31,409	36,042	40,035	41,349	40,051	40,684	44,900	45,771
86 Brown University	33,342	36,015	35,819	34,483	36,998	42,065	40,026	44,119
87 Iowa State University	28,915	34,028	35,101	42,751	46,127	42,534	42,854	43,940
88 Rockefeller University	35,423	39,718	37,512	35,184	42,406	42,702	46,029	43,820
89 Tulane University	21,729	24,276	33,039	27,238	40,907	37,440	42,068	43,574
90 U of TX Hlth Sci S Anto	33,306	36,999	44,186	44,987	48,910	50,347	50,446	43,333
Total 1st 90 institutions	7,125,793	7,928,632	8,665,989	8,684,389	9,482,617	9,691,277	9,882,082	10,419,626
91 Tufts University	39,142	41,585	44,355	45,015	45,144	32,895	38,380	43,300
92 University of Kansas	27,212	28,341	34,480	33,531	34,887	38,777	43,347	42,817
93 Virginia Commonwealth U	42,678	46,324	45,448	40,568	41,572	44,975	44,639	41,296
94 U of MA Amherst	0	0	31,415	35,227	33,628	41,281	33,780	40,194
95 University of Georgia	39,759	42,455	46,752	52,029	48,887	41,036	41,623	39,237
96 U of SC All Campuses	16,103	15,787	17,775	18,002	21,999	17,180	24,340	39,197
97 Medical U of S Carolina	13,779	22,334	23,736	20,063	27,410	29,956	38,766	39,060
98 U of Missouri Columbia	25,258	26,537	38,030	28,558	29,465	32,113	30,279	38,486
99 Medical Col of Wisconsin	21,747	23,281	24,714	24,713	43,635	30,935	36,724	37,341
100 SUNY at Buffalo	36,291	39,895	40,287	31,455	37,932	34,243	37,772	35,611
Total 1st 100 institutions	7,387,762	8,215,171	9,012,981	9,013,550	9,847,176	10,034,668	10,251,732	10,816,165

[1] See Technical Notes, "Changes in Reporting."

NOTE: Does not include R&D obligations to university-administered federally funded research and development centers. See tables B-37 and B-38.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1997

[Dollars in thousands]

Agency	Total	Research and development				R&D plant [2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research [1]	Advanced technology development [1]	Major systems development [1]					
Total, all agencies	15,081,369	13,002,538	NA	NA	NA	275,955	29,889	676,995	170,698	925,294
Department of Agriculture	980,424	485,797	NA	NA	NA	59,223	564	20,983	5,578	408,279
Department of Commerce	211,970	106,796	NA	NA	NA	3,663	990	6,172	63,207	31,142
Department of Defense, total	1,712,161	1,518,833	1,039,380	188,828	290,625	12,287	11,860	8,584	1,175	159,422
Department of the Army	388,908	355,628	280,001	52,245	23,382	12,142	0	8,021	0	13,117
Department of the Navy	890,131	770,512	468,611	52,081	249,820	0	0	563	0	119,056
Department of the Air Force	338,850	304,458	255,483	33,416	15,559	145	11,860	0	1,175	21,212
Other Department of Defense	94,272	88,235	35,285	51,086	1,864	0	0	0	0	6,037
Department of Education	171,227	64,220	NA	NA	NA	0	0	80,984	6,512	19,511
Department of Energy	646,339	626,739	NA	NA	NA	13,088	150	0	6,287	75
Environmental Protection Agency	162,572	147,376	NA	NA	NA	0	0	15,196	0	0
Department of Health & Human Services, total	7,939,907	7,341,816	NA	NA	NA	38,964	0	450,271	75,805	33,051
Administration on Aging	420	420	NA	NA	NA	0	0	0	0	0
Administration for Children & Families	11,179	11,179	NA	NA	NA	0	0	0	0	0
Agency for Health Care Policy & Research	45,190	41,274	NA	NA	NA	0	0	3,916	0	0
Agency for Toxic Substances & Disease Registry	718	43	NA	NA	NA	0	0	0	675	0
Centers for Disease Control & Prevention	44,301	44,301	NA	NA	NA	0	0	0	0	0
Food & Drug Administration	11,177	8,060	NA	NA	NA	0	0	854	0	2,263
Health Care Financing Administration	5,367	5,367	NA	NA	NA	0	0	0	0	0
Health Resources & Services Administration	76,412	10,503	NA	NA	NA	0	0	65,909	0	0
Indian Health Service	2,570	0	NA	NA	NA	0	0	2,570	0	0
National Institutes of Health	7,681,726	7,192,593	NA	NA	NA	19,984	0	372,657	65,704	30,788
Office of the Secretary	33,320	4,397	NA	NA	NA	18,980	0	517	9,426	0
Office of the Asst Secretary, Planning & Evaluation	4,093	4,093	NA	NA	NA	0	0	0	0	0
Office of Public Health & Science	29,227	304	NA	NA	NA	18,980	0	517	9,426	0
Substance Abuse & Mental Health Services Administration	27,527	23,679	NA	NA	NA	0	0	3,848	0	0
Department of Housing & Urban Development	2,652	2,652	NA	NA	NA	0	0	0	0	0
Department of the Interior	58,226	57,602	NA	NA	NA	0	0	486	0	138
Department of Labor	4,610	4,610	NA	NA	NA	0	0	0	0	0
Department of Transportation	73,589	69,701	NA	NA	NA	1,743	0	1,486	0	659

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

Table B-7. Federal obligations for science and engineering (S&E) to universities and colleges, by agency and type of activity: fiscal year 1997

[Dollars in thousands]

Agency	Total	Research and development				R&D plant [2]	Facilities for instruction in S&E	Fellowships, traineeships, and training grants	General support for S&E	Other S&E activities
		Total	Research [1]	Advanced technology development [1]	Major systems development [1]					
Agency for International Development [3]	26,167	11,747	NA	NA	NA	0	0	0	9,961	4,459
National Aeronautics & Space Administration	820,589	725,468	NA	NA	NA	719	0	41,590	0	52,812
National Science Foundation	2,248,530	1,816,794	NA	NA	NA	146,249	16,325	51,243	2,173	215,746
Nuclear Regulatory Commission	5,104	5,104	NA	NA	NA	0	0	0	0	0
Office of Justice Programs	16,853	16,853	NA	NA	NA	0	0	0	0	0
General Services Administration	19	0	NA	NA	NA	19	0	0	0	0
Social Security Administration	430	430	NA	NA	NA	0	0	0	0	0

1 Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-administered laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

2 See Technical Notes, "Categories of Support."

3 The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submission since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY: NA = not available

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

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 1997

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellow-ships, trainee-ships, and training grants	General support for S&E	Other S&E activities
United States, total:							
Obligations (thousands)	$15,081,369	$13,002,538	$275,955	$29,889	$676,995	$170,698	$925,294
Number of institutions	1,179	869	213	336	586	253	528
Alabama:							
Obligations (thousands)	$258,963	$223,614	$5,925	$115	$11,118	$2,561	$15,630
Number of institutions	25	19	5	3	13	6	13
Alaska:							
Obligations (thousands)	$41,779	$33,905	$0	$0	$1,188	$2,717	$3,969
Number of institutions	5	5	0	0	2	1	3
Arizona:							
Obligations (thousands)	$177,720	$152,634	$1,614	$68	$8,341	$1,166	$13,897
Number of institutions	8	6	3	2	5	4	5
Arkansas:							
Obligations (thousands)	$61,062	$42,962	$2,398	$124	$3,913	$488	$11,177
Number of institutions	13	9	2	3	6	2	5
California:							
Obligations (thousands)	$2,119,395	$1,880,393	$70,497	$1,364	$102,135	$14,158	$50,848
Number of institutions	99	76	16	27	46	24	42
Colorado:							
Obligations (thousands)	$318,604	$275,910	$4,673	$196	$14,697	$13,030	$10,098
Number of institutions	17	13	4	4	11	3	8
Connecticut:							
Obligations (thousands)	$283,873	$257,936	$2,634	$176	$16,715	$807	$5,605
Number of institutions	14	9	3	5	10	2	3
Delaware:							
Obligations (thousands)	$40,534	$30,617	$2,628	$21	$680	$2,242	$4,346
Number of institutions	4	2	2	1	4	2	3
District of Columbia:							
Obligations (thousands)	$150,781	$128,798	$968	$38	$8,107	$2,530	$10,340
Number of institutions	11	10	3	2	9	3	7
Florida:							
Obligations (thousands)	$341,399	$293,132	$2,979	$339	$16,503	$10,771	$17,675
Number of institutions	33	24	4	7	16	11	17
Georgia:							
Obligations (thousands)	$345,310	$250,871	$21,754	$638	$13,770	$7,054	$51,223
Number of institutions	30	24	7	9	15	7	14
Hawaii:							
Obligations (thousands)	$77,874	$63,394	$845	$0	$1,597	$5,273	$6,765
Number of institutions	5	2	1	0	2	3	3
Idaho:							
Obligations (thousands)	$26,908	$15,376	$4,686	$1,023	$1,167	$7	$4,649
Number of institutions	4	3	1	2	3	1	2
Illinois:							
Obligations (thousands)	$543,930	$465,671	$20,059	$700	$25,598	$2,525	$29,377
Number of institutions	41	26	7	13	20	5	19
Indiana:							
Obligations (thousands)	$234,806	$207,299	$3,531	$468	$6,457	$570	$16,481
Number of institutions	17	13	4	6	8	2	6
Iowa:							
Obligations (thousands)	$173,123	$147,578	$1,232	$649	$5,944	$345	$17,375
Number of institutions	20	12	2	10	5	2	5
Kansas:							
Obligations (thousands)	$85,158	$68,012	$1,215	$273	$6,343	$2	$9,313
Number of institutions	14	10	3	4	6	1	7

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 1997

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellow-ships, trainee-ships, and training grants	General support for S&E	Other S&E activities
Kentucky:							
Obligations (thousands)	$92,458	$72,872	$430	$224	$4,180	$780	$13,972
Number of institutions	11	7	2	5	6	3	4
Louisiana:							
Obligations (thousands)	$157,174	$133,059	$2,761	$222	$4,847	$2,822	$13,463
Number of institutions	16	14	3	6	10	6	7
Maine:							
Obligations (thousands)	$20,944	$14,807	$335	$230	$626	$1,071	$3,875
Number of institutions	11	8	2	4	4	2	5
Maryland:							
Obligations (thousands)	$932,064	$782,083	$7,813	$188	$26,605	$4,589	$110,786
Number of institutions	30	24	7	6	14	8	15
Massachusetts:							
Obligations (thousands)	$887,147	$802,454	$11,015	$601	$49,050	$4,997	$19,030
Number of institutions	47	39	12	11	21	8	20
Michigan:							
Obligations (thousands)	$475,484	$422,666	$3,859	$1,137	$20,649	$4,411	$22,762
Number of institutions	28	20	6	16	13	6	10
Minnesota:							
Obligations (thousands)	$256,451	$228,950	$2,142	$422	$7,683	$1,137	$16,117
Number of institutions	24	14	4	9	9	3	7
Mississippi:							
Obligations (thousands)	$76,855	$51,921	$754	$79	$3,817	$3,469	$16,815
Number of institutions	18	13	2	2	13	7	7
Missouri:							
Obligations (thousands)	$309,332	$271,832	$2,676	$330	$14,043	$1,102	$19,349
Number of institutions	24	15	3	9	11	2	12
Montana:							
Obligations (thousands)	$43,665	$32,603	$541	$40	$1,862	$846	$7,773
Number of institutions	16	10	2	2	10	7	6
Nebraska:							
Obligations (thousands)	$65,913	$51,492	$30	$116	$1,837	$1,645	$10,793
Number of institutions	10	8	1	5	7	2	6
Nevada:							
Obligations (thousands)	$27,944	$23,750	$0	$0	$768	$750	$2,676
Number of institutions	5	4	0	0	3	1	5
New Hampshire:							
Obligations (thousands)	$77,862	$69,306	$2,125	$136	$2,741	$50	$3,504
Number of institutions	11	7	1	2	4	1	5
New Jersey:							
Obligations (thousands)	$247,156	$218,975	$4,260	$177	$10,738	$2,003	$11,003
Number of institutions	20	16	6	3	10	4	7
New Mexico:							
Obligations (thousands)	$125,476	$83,676	$7,258	$12,017	$8,337	$2,220	$11,968
Number of institutions	10	8	2	3	9	3	6
New York:							
Obligations (thousands)	$1,206,760	$1,089,236	$18,434	$1,366	$51,720	$8,665	$37,339
Number of institutions	102	83	20	32	49	18	46
North Carolina:							
Obligations (thousands)	$558,674	$486,784	$3,810	$416	$30,712	$8,675	$28,277
Number of institutions	30	23	5	8	16	16	16
North Dakota:							
Obligations (thousands)	$36,405	$24,661	$185	$103	$2,732	$171	$8,553
Number of institutions	12	5	2	3	9	3	3

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 1997

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellow-ships, trainee-ships, and training grants	General support for S&E	Other S&E activities
Ohio:							
Obligations (thousands)	$431,635	$375,137	$4,912	$693	$16,154	$6,774	$27,965
Number of institutions	40	32	7	12	16	4	18
Oklahoma:							
Obligations (thousands)	$84,090	$57,704	$1,000	$491	$2,949	$3,430	$18,516
Number of institutions	14	9	1	4	4	4	9
Oregon:							
Obligations (thousands)	$197,127	$168,445	$5,582	$293	$9,886	$2,780	$10,141
Number of institutions	21	13	3	6	6	1	13
Pennsylvania:							
Obligations (thousands)	$914,147	$831,217	$5,818	$1,059	$37,728	$2,631	$35,694
Number of institutions	63	45	14	20	30	4	19
Rhode Island:							
Obligations (thousands)	$80,202	$70,411	$1,143	$65	$2,388	$2,191	$4,004
Number of institutions	5	3	1	1	3	2	5
South Carolina:							
Obligations (thousands)	$129,857	$105,543	$2,487	$623	$4,522	$3,206	$13,476
Number of institutions	23	13	3	10	9	6	11
South Dakota:							
Obligations (thousands)	$23,098	$13,151	$2,908	$132	$1,050	$217	$5,640
Number of institutions	11	7	3	3	8	1	4
Tennessee:							
Obligations (thousands)	$233,471	$190,156	$6,317	$262	$14,060	$3,505	$19,171
Number of institutions	24	20	5	8	9	5	13
Texas:							
Obligations (thousands)	$814,368	$706,627	$10,317	$872	$32,184	$7,427	$56,941
Number of institutions	73	59	13	19	40	20	28
Utah:							
Obligations (thousands)	$147,006	$132,821	$2,275	$0	$7,141	$1,072	$3,697
Number of institutions	5	5	2	0	3	3	3
Vermont:							
Obligations (thousands)	$41,093	$33,900	$459	$35	$2,491	$185	$4,023
Number of institutions	6	4	1	1	3	1	2
Virginia:							
Obligations (thousands)	$275,891	$238,396	$808	$538	$15,149	$2,845	$18,155
Number of institutions	30	19	4	10	14	5	16
Washington:							
Obligations (thousands)	$412,367	$350,870	$13,508	$248	$23,372	$7,710	$16,659
Number of institutions	15	12	4	6	8	2	8
West Virginia:							
Obligations (thousands)	$39,159	$18,968	$0	$13	$2,423	$0	$17,755
Number of institutions	9	6	0	1	5	0	6
Wisconsin:							
Obligations (thousands)	$294,053	$257,048	$1,849	$452	$14,220	$986	$19,498
Number of institutions	33	25	3	9	15	2	15
Wyoming:							
Obligations (thousands)	$18,469	$15,055	$354	$0	$332	$0	$2,728
Number of institutions	1	1	1	0	1	0	1
American Samoa:							
Obligations (thousands)	$970	$391	$0	$0	$0	$98	$481
Number of institutions	1	1	0	0	0	1	1
Guam:							
Obligations (thousands)	$3,673	$1,858	$0	$0	$125	$417	$1,273
Number of institutions	1	1	0	0	1	1	1

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 1997

State	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellow-ships, trainee-ships, and training grants	General support for S&E	Other S&E activities
Puerto Rico:							
Obligations (thousands)	$56,124	$33,245	$152	$85	$3,504	$9,322	$9,816
Number of institutions	16	10	1	1	11	11	3
Trust Territory of the Pacific Islands:							
Obligations (thousands)	$3,186	$1,298	$0	$0	$0	$0	$1,888
Number of institutions	2	2	0	0	0	0	2
Virgin Islands:							
Obligations (thousands)	$2,400	$1,068	$0	$32	$97	$253	$950
Number of institutions	1	1	0	1	1	1	1

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	15,081,369	980,424	211,970	1,712,161	171,227	646,339	162,572	7,939,907	58,226	820,589	2,248,530	129,424
New England, total	1,391,121	41,459	26,066	130,344	5,897	96,476	12,531	774,867	1,611	67,105	226,721	8,044
Connecticut	283,873	8,472	2,628	10,979	946	10,448	1,407	224,561	180	1,995	22,240	17
Maine	20,944	7,415	2,979	2,032	340	107	714	2,026	392	449	4,490	0
Massachusetts	887,147	9,726	7,890	100,754	2,463	80,820	8,608	456,071	163	52,493	162,648	5,511
New Hampshire	77,862	4,378	4,974	2,822	499	1,521	1,287	39,687	100	8,452	12,014	2,128
Rhode Island	80,202	3,653	7,005	13,298	248	2,847	515	27,485	650	3,200	20,913	388
Vermont	41,093	7,815	590	459	1,401	733	0	25,037	126	516	4,416	0
Middle Atlantic, total	2,368,063	74,659	19,364	244,282	19,720	95,170	18,230	1,433,518	2,276	60,104	384,815	15,925
New Jersey	247,156	13,730	5,086	31,558	1,417	21,191	4,348	99,260	237	10,954	54,119	5,256
New York	1,206,760	33,223	12,212	64,734	9,296	53,229	7,007	771,429	1,054	30,070	218,991	5,515
Pennsylvania	914,147	27,706	2,066	147,990	9,007	20,750	6,875	562,829	985	19,080	111,705	5,154
East North Central, total	1,979,908	131,456	19,522	152,269	25,003	92,261	20,117	1,082,932	2,771	57,707	375,130	20,740
Illinois	543,930	29,970	5,189	43,569	8,708	23,134	3,678	278,605	944	12,848	132,108	5,177
Indiana	234,806	25,741	1,806	16,448	1,026	28,435	1,906	100,808	394	3,491	52,994	1,757
Michigan	475,484	25,978	6,204	28,821	3,074	15,292	7,932	272,230	254	15,364	95,297	5,038
Ohio	431,635	27,133	1,655	54,447	5,710	8,034	4,499	261,448	380	16,247	45,588	6,494
Wisconsin	294,053	22,634	4,668	8,984	6,485	17,366	2,102	169,841	799	9,757	49,143	2,274
West North Central, total	949,480	133,340	6,772	61,384	14,570	25,432	12,090	530,411	3,422	23,242	126,336	12,481
Iowa	173,123	28,844	2,850	6,928	1,036	5,174	3,367	98,953	346	6,478	16,090	3,057
Kansas	85,158	13,835	708	3,642	6,514	5,210	3,097	32,156	675	3,111	16,133	77
Minnesota	256,451	22,519	1,244	37,092	2,380	6,264	2,771	137,032	411	3,431	40,432	2,875
Missouri	309,332	26,285	910	9,465	3,067	3,177	545	231,330	936	5,688	27,617	312
Nebraska	65,913	17,159	463	2,294	585	861	0	25,050	375	2,284	12,782	4,060
North Dakota	36,405	13,607	447	1,396	472	4,746	2,310	4,038	104	1,333	5,852	2,100
South Dakota	23,098	11,091	150	567	516	0	0	1,852	575	917	7,430	0
South Atlantic, total	2,813,669	157,270	46,027	570,298	32,477	106,520	35,604	1,328,038	10,049	190,072	293,416	43,898
Delaware	40,534	5,522	1,669	6,917	2,528	1,749	599	5,476	139	1,665	13,090	1,180
District of Columbia	150,781	1,683	893	18,389	4,619	3,761	929	84,954	25	10,383	10,716	14,429
Florida	341,399	20,772	11,430	41,813	5,072	20,616	3,024	141,096	3,678	22,905	69,252	1,741
Georgia	345,310	29,929	4,335	67,274	3,097	10,831	3,879	169,101	1,235	16,070	38,479	1,080
Maryland	932,064	15,561	13,528	342,846	3,258	11,915	9,119	387,068	434	84,246	53,062	11,027
North Carolina	558,674	36,848	7,149	36,560	7,061	11,429	12,437	372,646	1,610	11,592	54,081	7,261
South Carolina	129,857	16,418	4,392	24,470	2,199	18,705	1,327	39,317	406	3,471	17,797	1,355
Virginia	275,891	21,925	2,424	31,192	3,774	23,888	3,238	120,312	2,023	25,087	36,203	5,825
West Virginia	39,159	8,612	207	837	869	3,626	1,052	8,068	499	14,653	736	0
East South Central, total	661,747	113,431	5,671	37,300	10,476	32,571	6,552	352,247	2,847	49,599	47,893	3,160
Alabama	258,963	31,493	431	15,539	3,760	13,025	1,866	144,549	603	35,517	11,418	762
Kentucky	92,458	24,910	140	1,405	1,816	4,264	899	46,689	418	1,723	10,194	0
Mississippi	76,855	30,086	4,296	5,110	1,550	5,558	743	15,078	662	3,908	8,654	1,210
Tennessee	233,471	26,942	804	15,246	3,350	9,724	3,044	145,931	1,164	8,451	17,627	1,188
West South Central, total	1,116,694	110,588	11,951	143,480	14,580	42,848	17,940	583,271	5,553	53,826	127,871	4,786
Arkansas	61,062	26,606	201	2,443	3,757	118	807	20,613	264	577	4,676	1,000
Louisiana	157,174	17,902	2,759	22,423	1,505	17,945	6,952	60,802	2,720	6,175	17,715	276
Oklahoma	84,090	20,510	3,738	5,618	1,520	3,665	1,328	25,738	363	6,434	15,176	0
Texas	814,368	45,570	5,253	112,996	7,798	21,120	8,853	476,118	2,206	40,640	90,304	3,510

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

Table B-9. Federal obligations for science and engineering to universities and colleges, by geographic division, State, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	885,792	83,803	26,515	87,219	16,359	33,597	13,539	336,872	13,093	104,513	162,307	7,975
Arizona	177,720	11,475	931	14,867	2,545	4,569	2,743	71,790	1,952	21,473	44,103	1,272
Colorado	318,604	14,877	19,631	17,491	4,297	9,402	6,510	142,111	3,623	46,664	51,310	2,688
Idaho	26,908	12,800	1,556	1,244	582	2,529	389	1,219	3,566	554	2,469	0
Montana	43,665	10,984	2,041	1,357	1,930	935	1,012	6,003	1,412	4,275	12,346	1,370
Nevada	27,944	3,423	1,048	256	112	3,319	1,338	8,333	1,079	850	8,186	0
New Mexico	125,476	15,935	110	30,320	2,639	5,253	233	29,688	628	22,031	16,152	2,487
Utah	147,006	9,444	790	21,421	4,008	5,510	688	76,626	682	7,986	19,793	58
Wyoming	18,469	4,865	408	263	246	2,080	626	1,102	151	680	7,948	100
Pacific, total	2,848,542	113,204	48,897	284,058	30,841	120,680	25,814	1,487,759	16,290	212,334	496,250	12,415
Alaska	41,779	6,123	6,234	380	443	0	180	2,272	2,921	14,675	8,551	0
California	2,119,395	41,243	16,772	224,154	22,618	79,226	16,530	1,143,601	9,677	174,059	382,152	9,363
Hawaii	77,874	12,778	9,145	8,816	1,054	2,814	168	17,018	536	7,667	17,821	57
Oregon	197,127	25,104	5,026	16,373	4,792	17,367	5,507	80,098	1,550	5,887	33,765	1,658
Washington	412,367	27,956	11,720	34,335	1,934	21,273	3,429	244,770	1,606	10,046	53,961	1,337
Outlying Areas, total	66,353	21,214	1,185	1,527	1,304	784	155	29,992	314	2,087	7,791	0
American Samoa	970	872	0	0	98	0	0	0	0	0	0	0
Guam	3,673	2,391	0	410	102	0	0	417	170	0	183	0
Puerto Rico	56,124	12,847	1,185	1,117	1,104	784	155	29,225	64	2,087	7,556	0
Trust Territory of the Pacific Islands	3,186	3,166	0	0	0	0	0	0	0	0	20	0
Virgin Islands	2,400	1,938	0	0	0	0	0	350	80	0	32	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submission since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	676,995	20,983	6,172	8,584	80,984	0	15,196	450,271	486	41,590	51,243	1,486
New England, total	74,011	240	746	554	2,830	0	895	57,600	0	2,055	9,057	34
Connecticut	16,715	86	69	240	692	0	174	14,417	0	278	759	0
Maine	626	1	199	0	94	0	31	252	0	0	49	0
Massachusetts	49,050	4	251	312	1,095	0	439	37,815	0	927	8,173	34
New Hampshire	2,741	0	23	0	0	0	136	2,169	0	365	48	0
Rhode Island	2,388	0	204	2	248	0	115	1,580	0	236	3	0
Vermont	2,491	149	0	0	701	0	0	1,367	0	249	25	0
Middle Atlantic, total	100,186	2,566	332	1,371	7,049	0	1,444	76,104	0	2,741	8,171	408
New Jersey	10,738	632	17	159	798	0	817	6,565	0	329	1,356	65
New York	51,720	1,136	294	859	3,265	0	453	41,030	0	1,289	3,161	233
Pennsylvania	37,728	798	21	353	2,986	0	174	28,509	0	1,123	3,654	110
East North Central, total	83,078	2,081	500	1,130	8,674	0	2,650	58,771	122	3,176	5,928	46
Illinois	25,598	100	0	182	3,307	0	544	17,614	122	912	2,817	0
Indiana	6,457	673	93	161	908	0	82	4,137	0	403	0	0
Michigan	20,649	221	172	334	994	0	539	15,891	0	924	1,534	40
Ohio	16,154	672	122	132	2,968	0	1,329	10,033	0	539	359	0
Wisconsin	14,220	415	113	321	497	0	156	11,096	0	398	1,218	6
West North Central, total	39,632	2,779	68	185	6,557	0	151	27,208	0	2,046	430	208
Iowa	5,944	161	0	0	667	0	0	4,541	0	501	74	0
Kansas	6,343	269	0	123	3,835	0	30	1,704	0	280	102	0
Minnesota	7,683	537	63	0	553	0	59	6,074	0	337	0	60
Missouri	14,043	388	0	1	528	0	62	12,518	0	302	229	15
Nebraska	1,837	291	5	61	225	0	0	898	0	242	25	90
North Dakota	2,732	840	0	0	451	0	0	1,206	0	192	0	43
South Dakota	1,050	293	0	0	298	0	0	267	0	192	0	0
South Atlantic, total	118,471	3,341	1,338	2,231	16,365	0	5,834	73,915	0	11,801	3,550	96
Delaware	680	2	122	0	0	0	0	291	0	205	60	0
District of Columbia	8,107	34	36	561	3,500	0	93	2,903	0	845	95	40
Florida	16,503	1,070	214	431	2,530	0	324	8,907	0	2,659	368	0
Georgia	13,770	83	4	0	1,336	0	222	8,219	0	3,313	593	0
Maryland	26,605	411	481	267	2,245	0	344	21,572	0	823	406	56
North Carolina	30,712	491	160	753	2,173	0	3,629	20,507	0	1,343	1,656	0
South Carolina	4,522	404	218	0	1,361	0	88	1,942	0	406	103	0
Virginia	15,149	844	103	219	2,351	0	132	9,390	0	1,870	240	0
West Virginia	2,423	2	0	0	869	0	1,002	184	0	337	29	0
East South Central, total	33,175	2,442	154	704	5,227	0	195	20,315	137	3,455	451	95
Alabama	11,118	878	17	373	1,152	0	9	6,291	0	2,252	146	0
Kentucky	4,180	499	0	0	1,442	0	0	1,890	0	216	133	0
Mississippi	3,817	981	137	71	416	0	0	1,686	137	389	0	0
Tennessee	14,060	84	0	260	2,217	0	186	10,448	0	598	172	95
West South Central, total	43,893	2,960	327	840	7,603	0	638	26,922	111	2,850	1,432	210
Arkansas	3,913	1,077	0	1	1,820	0	0	750	0	227	0	38
Louisiana	4,847	438	192	61	906	0	50	2,289	111	773	27	0
Oklahoma	2,949	726	9	0	536	0	77	1,323	0	214	64	0
Texas	32,184	719	126	778	4,341	0	511	22,560	0	1,636	1,341	172

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

Table B-10. Federal obligations for fellowships, traineeships, and training grants to universities and colleges, by geographic division, State, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division and State	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Mountain, total	42,645	2,181	1,337	257	11,474	0	1,402	16,396	48	6,983	2,567	0
Arizona	8,341	241	21	61	1,396	0	507	3,876	0	769	1,470	0
Colorado	14,697	118	1,312	125	3,037	0	503	7,745	0	1,419	438	0
Idaho	1,167	415	0	0	336	0	0	47	48	321	0	0
Montana	1,862	390	0	0	558	0	63	451	0	323	77	0
Nevada	768	0	0	0	112	0	246	214	0	170	26	0
New Mexico	8,337	990	0	71	2,639	0	33	1,173	0	3,181	250	0
Utah	7,141	24	4	0	3,396	0	25	2,824	0	611	257	0
Wyoming	332	3	0	0	0	0	25	66	0	189	49	0
Pacific, total	138,178	2,244	1,269	1,312	15,103	0	1,987	90,011	68	6,138	19,657	389
Alaska	1,188	433	178	0	197	0	0	62	68	214	36	0
California	102,135	1,196	552	1,119	9,265	0	1,503	67,980	0	4,909	15,277	334
Hawaii	1,597	252	122	0	562	0	28	530	0	44	59	0
Oregon	9,886	80	139	0	3,347	0	320	5,378	0	302	320	0
Washington	23,372	283	278	193	1,732	0	136	16,061	0	669	3,965	55
Outlying Areas, total	3,726	149	101	0	102	0	0	3,029	0	345	0	0
Guam	125	23	0	0	102	0	0	0	0	0	0	0
Puerto Rico	3,504	126	101	0	0	0	0	2,932	0	345	0	0
Virgin Islands	97	0	0	0	0	0	0	97	0	0	0	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, trainee-ships, and training grants	General support for S&E	Other S&E activities
Total, all institutions	15,081,369	13,002,538	275,955	29,889	676,995	170,698	925,294
1 Johns Hopkins University	703,890	587,484	1,748	0	19,158	1,200	94,300
2 University of Washington	357,048	314,938	4,554	79	21,396	6,576	9,505
3 Stanford University	338,298	315,686	1,127	0	18,334	255	2,896
4 U of Michigan	293,959	270,858	1,647	232	15,692	2,787	2,743
5 U of CA San Diego	262,298	246,181	1,547	0	10,396	3,259	915
6 U of Pennsylvania	261,802	242,011	1,808	0	14,699	883	2,401
7 MA Inst of Technology	250,893	228,287	5,375	0	11,932	2,176	3,123
8 U of Minnesota	249,650	225,460	1,682	0	7,117	618	14,773
9 U of CA San Francisco	242,505	222,045	0	0	19,428	270	762
10 Harvard University	241,993	215,939	988	0	21,761	483	2,822
Total 1st 10 institutions	3,202,336	2,868,889	20,476	311	159,913	18,507	134,240
11 Cornell University	240,796	204,466	8,867	0	10,537	1,205	15,721
12 U of CA Los Angeles	233,783	216,958	1,523	53	11,026	400	3,823
13 Columbia U City New York	225,288	209,604	1,000	64	11,937	109	2,574
14 U of Colorado	223,606	203,721	1,334	0	11,712	5,096	1,743
15 U of WI Madison	223,079	195,287	1,678	57	10,171	0	15,886
16 Yale University	220,864	205,272	440	0	13,650	359	1,143
17 Washington University	206,197	194,615	1,126	0	10,348	0	108
18 PA St U University Park	204,093	176,872	1,260	72	6,447	687	18,755
19 Duke University	197,128	186,892	200	0	9,355	118	563
20 U of Pittsburgh	189,302	176,721	94	0	6,936	938	4,613
Total 1st 20 institutions	5,366,472	4,839,297	37,998	557	262,032	27,419	199,169
21 U of NC Chapel Hill	181,428	165,365	270	0	12,606	2,196	991
22 U of CA Berkeley	180,268	150,140	3,695	19	11,085	301	15,028
23 CA Inst of Technology	172,276	107,597	57,143	0	4,863	0	2,673
24 U of Southern California	163,446	156,099	58	0	2,719	388	4,182
25 U of Alabama Birmingham	157,676	151,204	1,098	0	4,558	0	816
26 U of IL Urbana-Champaign	153,014	125,787	8,579	0	5,344	505	12,799
27 Case Western Reserve U	152,098	143,194	1,516	0	6,054	1,070	264
28 University of Chicago	132,168	119,411	2,188	99	8,849	0	1,621
29 University of Arizona	131,711	117,055	1,388	52	6,816	407	5,993
30 Ohio State U	126,347	107,261	637	62	4,114	668	13,605
Total 1st 30 institutions	6,916,904	6,182,410	114,570	789	329,040	32,954	257,141
31 University of Rochester	125,533	119,407	254	0	5,517	50	305
32 Vanderbilt University	119,138	106,732	0	0	10,277	740	1,389
33 Northwestern University	119,107	108,238	4,223	82	4,483	231	1,850
34 U of TX Austin	112,048	94,607	275	22	4,371	95	12,678
35 U of CA Davis	110,764	105,924	939	0	2,793	450	658
36 University of Iowa	108,486	100,489	1,034	90	4,875	225	1,773
37 Indiana U	106,871	99,164	332	184	3,641	0	3,550
38 University of Florida	106,288	89,709	884	51	6,306	126	9,212
39 Baylor Col of Medicine	105,115	94,634	1,932	0	4,360	267	3,922
40 Carnegie Mellon U	104,248	98,277	215	0	2,208	0	3,548
Total 1st 40 institutions	8,034,502	7,199,591	124,658	1,218	377,871	35,138	296,026
41 Boston University	103,395	97,015	100	35	5,521	180	544
42 Scripps Rsch Inst, The	103,387	103,387	0	0	0	0	0
43 U of MD College Park	103,122	90,664	3,059	0	823	103	8,473
44 NY University	102,382	95,235	1,425	0	5,012	450	260
45 University of Utah	101,304	93,190	2,037	0	4,722	1,020	335
46 Emory University	100,832	92,272	1,551	0	4,183	1,333	1,493
47 U of Virginia	97,381	90,292	318	98	5,800	0	873
48 U of TX SW Med Ctr Dals	96,909	92,547	0	0	3,979	383	0
49 Purdue University	96,044	79,279	1,630	133	2,438	554	12,010
50 University of Miami	91,890	82,435	200	0	3,422	5,631	202
Total 1st 50 institutions	9,031,148	8,115,907	134,978	1,484	413,771	44,792	320,216

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

Table B-11. Federal obligations for science and engineering (S&E) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by type of activity: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	Research and development	R&D plant [1]	Facilities for instruction in S&E	Fellowships, trainee-ships, and training grants	General support for S&E	Other S&E activities
51 Georgia Inst of Tech	89,504	61,004	1,073	116	1,641	0	25,670
52 Rutgers St U of NJ	87,578	75,763	1,237	0	2,712	501	7,365
53 Yeshiva University NY	85,332	80,171	585	0	4,442	134	0
54 Michigan State University	85,312	67,060	1,842	123	1,345	608	14,334
55 Texas A&M U	83,719	58,341	4,522	19	1,469	1,263	18,105
56 SUNY at Stony Brook	83,123	75,920	945	0	2,013	1,751	2,494
57 LA St U All Campuses	81,845	66,507	1,470	18	2,243	1,375	10,232
58 NC State U	79,728	55,216	2,345	166	2,643	926	18,432
59 Princeton University	77,751	71,162	692	0	3,770	1,124	1,003
60 U of Kentucky All Cmp	75,649	61,450	0	102	2,736	115	11,246
Total 1st 60 institutions	9,860,689	8,788,501	149,689	2,028	438,785	52,589	429,097
61 Colorado State University	74,266	57,472	2,350	2	1,037	7,852	5,553
62 Oregon State University	73,835	58,050	4,988	6	1,573	2,780	6,438
63 U of MD Baltimore	73,372	68,574	433	0	2,946	151	1,268
64 CUNY Mt Sinai Schl of Med	72,169	68,789	842	0	2,313	225	0
65 U of CA Irvine	71,464	67,327	692	0	1,932	0	1,513
66 Oregon Hlth Sciences U	71,399	67,210	0	0	3,618	0	571
67 U of TX Hlth Sci Houston	69,114	66,250	0	0	2,578	251	35
68 U of Hawaii Manoa	67,874	55,043	845	0	1,453	4,260	6,273
69 Virginia Poly Inst & St U	67,325	53,227	112	90	873	2,253	10,770
70 Georgetown University	67,052	59,782	0	0	2,504	0	4,766
Total 1st 70 institutions	10,568,559	9,410,225	159,951	2,126	459,612	70,361	466,284
71 Wayne State University	66,419	61,571	0	25	2,462	627	1,734
72 U of New Mexico	65,412	46,507	1,860	11,860	4,004	855	326
73 U of IL Chicago	65,237	58,852	0	0	3,048	246	3,091
74 U of CA Santa Barbara	64,379	60,257	859	0	1,927	0	1,336
75 U of Med & Dent of NJ	62,093	57,085	1,258	0	3,291	236	223
76 U of TX MD Anderson Cancr	60,612	59,250	0	0	1,362	0	0
77 Iowa State University	59,441	43,940	198	263	655	120	14,265
78 U of Missouri Columbia	57,999	38,486	1,028	24	2,330	495	15,636
79 U of Connecticut	57,692	48,255	2,099	26	2,542	448	4,322
80 Woods Hole Ocean Inst	57,106	55,476	300	0	105	591	634
Total 1st 80 institutions	11,184,949	9,939,904	167,553	14,324	481,338	73,979	507,851
81 University of Georgia	56,303	39,237	420	0	1,727	137	14,782
82 U of Cincinnati	55,962	52,942	0	40	2,255	89	636
83 Wake Forest University	55,916	52,927	970	0	1,886	133	0
84 Thomas Jefferson U	53,242	50,263	237	0	2,742	0	0
85 U of MA Worcester	52,878	49,424	739	0	2,715	0	0
86 University of Kansas	49,827	42,817	199	0	5,776	0	1,035
87 U of TX Med Brnch Galvstn	49,292	46,227	0	0	3,027	0	38
88 Dartmouth College	48,462	45,771	0	0	2,149	0	542
89 U of Tennessee Knoxville	47,981	34,788	830	82	675	0	11,606
90 U of MA Amherst	47,891	40,194	978	126	866	0	5,727
Total 1st 90 institutions	11,702,703	10,394,494	171,926	14,572	505,156	74,338	542,217
91 Washington State U	47,869	32,155	7,718	34	1,150	1,134	5,678
92 Brown University	47,742	44,119	1,143	0	1,734	564	182
93 U of TX Hlth Sci S Anto	47,713	43,333	342	0	3,489	251	298
94 New Mexico St U	46,724	29,871	5,398	87	2,165	882	8,321
95 Tufts University	46,724	43,300	0	88	2,010	556	770
96 Florida State University	46,463	45,808	0	133	289	17	216
97 Virginia Commonwealth U	46,001	41,296	0	0	4,330	0	375
98 Rockefeller University	45,602	43,820	0	0	1,782	0	0
99 Tulane University	44,269	43,574	0	0	497	186	12
100 U of SC All Campuses	43,370	39,197	300	93	969	225	2,586
Total 1st 100 institutions	12,165,180	10,800,967	186,827	15,007	523,571	78,153	560,655

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	15,081,369	980,424	211,970	1,712,161	171,227	646,339	162,572	7,939,907	820,589	2,248,530	187,650
1 Johns Hopkins University	703,890	566	429	322,826	156	3,973	4,301	301,619	49,866	15,668	4,486
2 University of Washington	357,048	3,562	11,086	31,950	1,006	17,311	3,014	232,874	9,354	44,574	2,317
3 Stanford University	338,298	438	460	43,648	0	6,887	3,661	168,641	72,369	38,782	3,412
4 U of Michigan	293,959	956	5,244	20,899	749	8,850	4,480	195,596	10,583	42,325	4,277
5 U of CA San Diego	262,298	561	12,308	33,286	0	12,887	53	140,289	14,063	47,988	863
6 U of Pennsylvania	261,802	819	267	8,202	3,548	7,532	603	219,718	1,034	19,882	197
7 MA Inst of Technology	250,893	20	2,545	43,515	0	65,546	2,580	61,325	34,289	39,155	1,918
8 U of Minnesota	249,650	22,288	90	36,982	1,705	6,264	2,771	136,240	3,210	36,814	3,286
9 U of CA San Francisco	242,505	0	0	2,912	514	10,014	0	225,248	1,080	2,737	0
10 Harvard University	241,993	428	311	9,250	0	5,827	1,915	185,092	8,607	28,205	2,358
Total 1st 10 institutions	3,202,336	29,638	32,740	553,470	7,678	145,091	23,378	1,866,642	204,455	316,130	23,114
11 Cornell University	240,796	31,157	487	15,962	349	3,946	809	100,714	5,041	81,869	462
12 U of CA Los Angeles	233,783	273	139	16,588	3,448	14,613	1,401	161,572	9,152	26,239	358
13 Columbia U City New York	225,288	89	5,378	10,335	0	7,074	357	158,088	10,364	33,050	553
14 U of Colorado	223,606	462	10,250	11,180	2,001	5,916	3,782	114,779	41,394	32,874	968
15 U of WI Madison	223,079	20,812	10	6,763	158	16,008	978	126,786	8,641	41,987	936
16 Yale University	220,864	1,158	50	7,266	0	9,522	385	188,163	1,382	12,923	15
17 Washington University	206,197	1,285	15	4,894	0	1,560	200	183,363	3,827	10,780	273
18 PA St U University Park	204,093	26,339	1,127	67,153	491	4,634	3,987	59,628	10,561	27,490	2,683
19 Duke University	197,128	516	64	16,544	0	6,231	1,528	153,323	1,146	17,167	609
20 U of Pittsburgh	189,302	0	212	8,318	2,497	2,180	0	159,968	1,090	13,627	1,410
Total 1st 20 institutions	5,366,472	111,729	50,472	718,473	16,622	216,775	36,805	3,273,026	297,053	614,136	31,381
21 U of NC Chapel Hill	181,428	502	189	5,510	4,424	1,818	5,453	148,903	615	11,015	2,999
22 U of CA Berkeley	180,268	19,924	102	19,549	900	4,779	952	63,913	20,048	47,899	2,202
23 CA Inst of Technology	172,276	107	0	23,655	0	9,066	34	26,337	19,977	92,534	566
24 U of Southern California	163,446	0	1,982	37,522	246	1,451	0	96,868	4,315	19,269	1,793
25 U of Alabama Birmingham	157,676	448	0	4,887	1,781	10,983	418	126,166	10,122	2,801	70
26 U of IL Urbana-Champaign	153,014	21,913	1,031	24,903	1,334	3,047	2,856	31,729	5,303	59,327	1,571
27 Case Western Reserve U	152,098	150	17	3,884	497	386	0	137,833	3,297	5,675	359
28 University of Chicago	132,168	0	157	1,912	393	3,608	131	94,044	4,537	26,437	949
29 University of Arizona	131,711	9,795	591	11,347	1,995	3,586	1,796	60,948	18,154	21,332	2,167
30 Ohio State U	126,347	24,237	1,509	10,350	1,558	5,573	1,193	52,414	4,600	20,029	4,884
Total 1st 30 institutions	6,916,904	188,805	56,050	861,992	29,750	261,072	49,638	4,112,181	388,021	920,454	48,941
31 University of Rochester	125,533	100	0	3,886	149	26,706	0	81,947	969	11,726	50
32 Vanderbilt University	119,138	210	0	9,647	2,373	1,095	41	98,999	1,618	5,155	0
33 Northwestern University	119,107	2,050	0	9,997	1,073	4,381	380	70,487	2,375	25,124	3,240
34 U of TX Austin	112,048	189	360	50,733	974	8,415	995	19,828	6,595	23,406	553
35 U of CA Davis	110,764	12,913	0	5,181	650	4,948	4,201	59,724	1,754	17,465	3,928
36 University of Iowa	108,486	525	80	4,841	229	1,830	146	88,606	4,942	7,004	283
37 Indiana U	106,871	225	210	1,028	827	6,788	734	76,018	694	19,984	363
38 University of Florida	106,288	16,638	491	7,508	599	3,461	1,760	51,713	4,788	17,460	1,870
39 Baylor Col of Medicine	105,115	795	184	627	1,522	0	133	94,688	5,159	2,007	0
40 Carnegie Mellon U	104,248	197	394	54,281	0	4,890	1,832	10,816	5,035	25,538	1,265
Total 1st 40 institutions	8,034,502	222,647	57,769	1,009,721	38,146	323,586	59,860	4,765,007	421,950	1,075,323	60,493

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

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Boston University	103,395	53	218	6,912	204	2,666	733	76,505	4,805	11,199	100
42 Scripps Rsch Inst, The	103,387	0	0	1,783	0	480	0	98,705	676	1,743	0
43 U of MD College Park	103,122	12,103	5,005	13,424	0	7,416	1,043	10,271	25,309	26,181	2,370
44 NY University	102,382	38	255	3,326	736	3,409	1,728	81,870	297	10,601	122
45 University of Utah	101,304	510	700	3,190	1,593	4,821	346	72,675	1,005	16,307	157
46 Emory University	100,832	0	0	1,119	0	709	360	94,261	42	4,191	150
47 U of Virginia	97,381	0	839	7,436	1,467	2,586	460	67,122	3,552	12,720	1,199
48 U of TX SW Med Ctr Dals	96,909	0	0	6,106	395	655	0	87,709	1,539	505	0
49 Purdue University	96,044	25,152	1,492	12,916	199	9,535	1,172	19,820	1,994	22,152	1,612
50 University of Miami	91,890	0	6,810	6,747	124	820	491	62,308	4,102	10,147	341
Total 1st 50 institutions	9,031,148	260,503	73,088	1,072,680	42,864	356,683	66,193	5,436,253	465,271	1,191,069	66,544
51 Georgia Inst of Tech	89,504	160	4,098	53,129	62	1,304	1,958	2,751	6,232	19,376	434
52 Rutgers St U of NJ	87,578	13,614	2,889	12,171	0	4,712	942	24,881	2,743	21,280	4,346
53 Yeshiva University NY	85,332	0	0	705	0	0	0	83,194	144	1,289	0
54 Michigan State University	85,312	23,719	100	2,152	125	4,002	218	21,096	659	32,578	663
55 Texas A&M U	83,719	33,457	2,333	3,435	272	2,549	1,628	19,837	3,897	14,701	1,610
56 SUNY at Stony Brook	83,123	92	3,440	4,093	0	5,134	57	45,842	2,267	21,917	281
57 LA St U All Campuses	81,845	14,024	2,565	15,342	448	1,548	4,931	28,760	2,405	9,261	2,561
58 NC State U	79,728	28,455	3,930	10,674	164	2,616	3,820	8,755	3,108	15,600	2,606
59 Princeton University	77,751	0	2,197	12,429	0	8,541	150	21,797	6,406	26,126	105
60 U of Kentucky All Cmp	75,649	19,812	0	1,220	1,357	4,085	899	37,929	779	9,249	319
Total 1st 60 institutions	9,860,689	393,836	94,640	1,188,030	45,292	391,174	80,796	5,731,095	493,911	1,362,446	79,469
61 Colorado State University	74,266	14,103	9,280	4,138	0	2,832	1,877	24,245	3,512	11,490	2,789
62 Oregon State University	73,835	24,836	4,856	5,246	240	1,799	3,959	8,842	5,346	16,244	2,467
63 U of MD Baltimore	73,372	2	170	1,258	0	206	168	69,808	609	915	236
64 CUNY Mt Sinai Schl of Med	72,169	0	0	254	1,266	112	0	68,244	1,127	1,166	0
65 U of CA Irvine	71,464	0	22	5,707	0	4,861	1,163	44,049	2,827	12,835	0
66 Oregon Hlth Sciences U	71,399	0	0	1,926	125	12,853	616	55,309	166	404	0
67 U of TX Hlth Sci Houston	69,114	179	0	390	0	0	0	67,388	788	369	0
68 U of Hawaii Manoa	67,874	12,535	4,979	8,745	562	825	28	16,936	5,443	17,821	0
69 Virginia Poly Inst & St U	67,325	17,200	218	7,284	165	17,934	1,469	3,196	5,335	11,111	3,413
70 Georgetown University	67,052	0	0	10,943	244	0	0	44,784	292	703	10,086
Total 1st 70 institutions	10,568,559	462,691	114,165	1,233,921	47,894	432,596	90,076	6,133,896	519,356	1,435,504	98,460
71 Wayne State University	66,419	152	0	2,932	639	950	106	51,187	162	10,241	50
72 U of New Mexico	65,412	50	55	20,858	1,941	3,150	24	27,263	3,929	7,833	309
73 U of IL Chicago	65,237	185	235	2,141	3,026	994	70	48,058	498	9,930	100
74 U of CA Santa Barbara	64,379	359	0	14,552	178	3,658	1,117	6,537	5,541	30,691	1,746
75 U of Med & Dent of NJ	62,093	116	0	360	324	7,690	481	51,729	581	812	0
76 U of TX MD Anderson Cancr	60,612	80	0	2,937	0	0	0	57,215	270	110	0
77 Iowa State University	59,441	27,957	2,770	1,437	81	3,344	2,558	8,595	1,444	8,135	3,120
78 U of Missouri Columbia	57,999	19,876	895	1,401	1,148	1,244	190	20,963	850	10,682	750
79 U of Connecticut	57,692	7,265	2,578	3,703	821	836	735	34,602	343	6,690	119
80 Woods Hole Ocean Inst	57,106	0	3,513	16,633	0	330	0	110	733	35,787	0
Total 1st 80 institutions	11,184,949	518,731	124,211	1,300,875	56,052	454,792	95,357	6,440,155	533,707	1,556,415	104,654

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

Table B-12. Federal obligations for science and engineering to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
81 University of Georgia	56,303	25,393	133	909	1,171	4,418	1,518	13,301	391	7,412	1,657
82 U of Cincinnati	55,962	220	0	3,733	114	872	1,690	44,880	533	3,894	26
83 Wake Forest University	55,916	970	0	272	0	0	575	52,629	83	1,387	0
84 Thomas Jefferson U	53,242	0	0	924	522	0	120	51,429	0	247	0
85 U of MA Worcester	52,878	0	0	651	0	0	0	50,663	477	1,087	0
86 University of Kansas	49,827	125	246	2,712	5,945	1,288	784	28,270	1,435	8,989	33
87 U of TX Med Brnch Galvstn	49,292	95	0	2,282	295	270	46	45,590	252	462	0
88 Dartmouth College	48,462	302	0	2,605	499	995	136	36,562	1,649	5,714	0
89 U of Tennessee Knoxville	47,981	17,426	444	3,174	0	8,138	2,731	6,009	1,335	7,220	1,504
90 U of MA Amherst	47,891	7,976	463	10,160	72	1,766	596	8,145	837	17,773	103
Total 1st 90 institutions	11,702,703	571,238	125,497	1,328,297	64,670	472,539	103,553	6,777,633	540,699	1,610,600	107,977
91 Washington State U	47,869	24,338	256	1,684	173	3,962	415	11,581	592	4,333	535
92 Brown University	47,742	60	17	7,600	0	2,822	0	21,989	2,266	12,827	161
93 U of TX Hlth Sci S Anto	47,713	0	0	844	0	0	0	46,053	166	650	0
94 New Mexico St U	46,724	15,598	55	7,476	485	504	209	1,942	15,922	4,196	337
95 Tufts University	46,724	204	515	2,000	0	1,293	1,237	37,066	569	3,622	218
96 Florida State University	46,463	142	862	2,785	200	7,892	92	5,957	2,426	25,751	356
97 Virginia Commonwealth U	46,001	0	164	80	1,134	184	45	42,861	355	1,080	98
98 Rockefeller University	45,602	0	0	367	0	1,148	0	42,967	0	1,120	0
99 Tulane University	44,269	265	107	4,446	122	9,496	125	27,237	412	1,859	200
100 U of SC All Campuses	43,370	240	138	15,399	670	4,498	1,164	9,583	797	9,372	1,509
Total 1st 100 institutions	12,165,180	612,085	127,611	1,370,978	67,454	504,338	106,840	7,024,869	564,204	1,675,410	111,391

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	13,002,538	485,797	106,796	1,518,833	64,220	626,739	147,376	7,341,816	725,468	1,816,794	168,699
1 Johns Hopkins University	587,484	566	301	229,346	156	3,973	4,199	281,855	49,480	13,122	4,486
2 Stanford University	315,686	438	460	42,403	0	6,645	3,346	154,169	71,611	33,202	3,412
3 University of Washington	314,938	3,552	4,699	26,355	0	16,129	2,905	213,242	7,905	37,938	2,213
4 U of Michigan	270,858	928	1,591	20,415	749	8,771	4,159	182,431	9,709	37,892	4,213
5 U of CA San Diego	246,181	561	9,289	32,684	0	12,887	0	130,258	13,354	46,285	863
6 U of Pennsylvania	242,011	819	267	8,044	3,548	6,637	603	204,157	1,013	16,726	197
7 MA Inst of Technology	228,287	20	1,286	41,792	0	60,714	2,383	54,979	31,797	33,451	1,865
8 U of Minnesota	225,460	10,192	57	36,501	1,357	6,264	2,712	129,867	2,872	32,684	2,954
9 U of CA San Francisco	222,045	0	0	2,456	514	10,014	0	206,781	1,080	1,200	0
10 U of CA Los Angeles	216,958	273	139	16,285	3,042	14,613	1,401	150,494	9,075	21,278	358
Total 1st 10 institutions	2,869,908	17,349	18,089	456,281	9,366	146,647	21,708	1,708,233	197,896	273,778	20,561
11 Harvard University	215,939	424	311	8,990	0	5,827	1,915	165,865	8,429	21,970	2,208
12 Columbia U City New York	209,604	89	5,378	9,855	0	6,965	323	146,230	9,685	30,526	553
13 Yale University	205,272	1,158	50	6,777	0	9,172	283	174,509	1,294	12,014	15
14 Cornell University	204,466	17,164	95	15,947	249	3,587	507	92,803	4,377	69,335	402
15 U of Colorado	203,721	455	3,632	10,636	349	5,522	3,490	107,145	40,137	31,387	968
16 U of WI Madison	195,287	10,454	10	6,160	0	15,877	822	117,382	8,473	35,504	605
17 Washington University	194,615	1,285	15	4,883	0	1,560	200	172,253	3,739	10,407	273
18 Duke University	186,892	516	64	16,066	0	6,031	1,437	145,048	1,036	16,085	609
19 PA St U University Park	176,872	12,731	991	63,595	245	4,634	3,949	54,825	9,639	23,810	2,453
20 U of Pittsburgh	176,721	0	212	8,031	1,363	1,507	0	152,538	1,024	11,136	910
Total 1st 20 institutions	4,839,297	61,625	28,847	607,221	11,572	207,329	34,634	3,036,831	285,729	535,952	29,557
21 U of NC Chapel Hill	165,365	502	172	5,031	3,400	1,818	3,752	139,718	615	9,440	917
22 U of Southern California	156,099	0	441	37,016	0	1,451	0	92,455	3,775	19,168	1,793
23 U of Alabama Birmingham	151,204	448	0	4,426	1,781	10,983	416	120,984	10,100	1,996	70
24 U of CA Berkeley	150,140	5,090	83	19,066	586	4,779	499	58,180	19,498	40,538	1,821
25 Case Western Reserve U	143,194	150	0	3,727	497	386	0	129,424	3,184	5,467	359
26 U of IL Urbana-Champaign	125,787	9,982	1,031	24,348	0	3,047	2,843	29,357	4,662	49,068	1,449
27 University of Chicago	119,411	0	157	1,912	147	3,608	0	85,222	4,405	23,011	949
28 University of Rochester	119,407	100	0	3,675	0	26,706	0	76,935	969	11,022	0
29 University of Arizona	117,055	5,889	427	11,082	599	3,586	1,552	56,812	17,386	17,555	2,167
30 Northwestern University	108,238	110	0	9,732	1,073	4,266	136	66,815	2,309	22,236	1,561
Total 1st 30 institutions	6,195,197	83,896	31,158	727,236	19,655	267,959	43,832	3,892,733	352,632	735,453	40,643
31 CA Inst of Technology	107,597	107	0	23,100	0	8,728	0	23,121	19,421	32,554	566
32 Ohio State U	107,261	10,386	920	10,249	1,044	5,554	164	50,439	4,475	19,146	4,884
33 Vanderbilt University	106,732	210	0	9,387	502	1,095	0	89,552	1,150	4,836	0
34 U of CA Davis	105,924	12,738	0	4,798	650	4,948	3,811	57,612	1,626	15,863	3,878
35 Scripps Rsch Inst, The	103,387	0	0	1,783	0	480	0	98,705	676	1,743	0
36 University of Iowa	100,489	525	80	4,481	0	1,667	146	82,611	4,854	5,842	283
37 Indiana U	99,164	225	93	946	118	6,780	712	71,987	672	17,368	263
38 Carnegie Mellon U	98,277	197	314	54,066	0	4,890	1,718	10,249	3,603	21,975	1,265
39 Boston University	97,015	53	201	6,912	204	2,586	679	71,055	4,770	10,555	0
40 NY University	95,235	38	255	3,291	331	3,409	1,728	76,676	297	9,088	122
Total 1st 40 institutions	7,216,278	108,375	33,021	846,249	22,504	308,096	52,790	4,524,740	394,176	874,423	51,904

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

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
41 Baylor Col of Medicine	94,634	795	184	502	1,377	0	133	89,399	1,475	769	0
42 U of TX Austin	94,607	189	342	39,381	0	8,415	910	18,353	5,852	20,612	553
43 University of Utah	93,190	510	665	2,942	0	3,832	346	69,702	961	14,075	157
44 U of TX SW Med Ctr Dals	92,547	0	0	6,044	295	655	0	83,509	1,539	505	0
45 Emory University	92,272	0	0	1,114	0	709	360	87,435	42	2,612	0
46 U of MD College Park	90,664	5,255	3,754	12,927	0	7,368	876	10,038	24,965	23,164	2,317
47 U of Virginia	90,292	0	839	7,328	124	2,586	429	62,705	3,344	11,738	1,199
48 University of Florida	89,709	8,919	401	7,185	0	3,206	1,523	46,930	3,652	16,323	1,570
49 University of Miami	82,435	0	1,404	6,457	124	820	491	59,126	3,976	9,696	341
50 Yeshiva University NY	80,171	0	0	705	0	0	0	78,618	144	704	0
Total 1st 50 institutions	8,116,799	124,043	40,610	930,834	24,424	335,687	57,858	5,130,555	440,126	974,621	58,041
51 Purdue University	79,279	13,850	862	12,247	0	9,210	1,112	18,850	1,463	20,073	1,612
52 SUNY at Stony Brook	75,920	92	1,765	3,683	0	5,014	0	43,802	2,245	19,319	0
53 Rutgers St U of NJ	75,763	7,874	2,763	12,159	0	4,712	170	23,050	2,743	17,946	4,346
54 Princeton University	71,162	0	1,242	12,120	0	7,889	113	19,451	6,247	23,995	105
55 CUNY Mt Sinai Schl of Med	68,789	0	0	254	973	112	0	65,999	1,127	324	0
56 U of MD Baltimore	68,574	0	75	1,206	0	206	128	65,654	587	482	236
57 U of CA Irvine	67,327	0	0	5,707	0	4,801	1,137	42,189	2,701	10,792	0
58 Oregon Hlth Sciences U	67,210	0	0	1,926	125	12,853	616	51,120	166	404	0
59 Michigan State University	67,060	12,376	0	2,125	125	3,812	0	20,444	615	27,400	163
60 LA St U All Campuses	66,507	5,946	1,069	15,086	0	1,548	4,901	27,281	1,609	6,637	2,430
Total 1st 60 institutions	8,824,390	164,181	48,386	997,347	25,647	385,844	66,035	5,508,395	459,629	1,101,993	66,933
61 U of TX Hlth Sci Houston	66,250	179	0	390	0	0	0	64,642	744	295	0
62 Wayne State University	61,571	152	0	2,892	468	950	106	48,136	162	8,655	50
63 U of Kentucky All Cmp	61,450	8,331	0	1,218	330	4,085	899	36,689	768	8,811	319
64 Georgia Inst of Tech	61,004	160	72	32,625	62	1,304	1,864	2,459	5,323	16,701	434
65 U of CA Santa Barbara	60,257	359	0	14,542	0	3,417	1,034	6,278	5,365	27,516	1,746
66 Georgetown University	59,782	0	0	10,382	0	0	0	41,128	248	688	7,336
67 U of TX MD Anderson Cancr	59,250	80	0	2,815	0	0	0	55,975	270	110	0
68 U of IL Chicago	58,852	185	110	2,081	2,780	994	0	44,476	410	7,716	100
69 Texas A&M U	58,341	11,533	1,135	3,190	0	2,414	1,519	19,249	3,695	14,445	1,161
70 Oregon State University	58,050	14,666	2,087	5,246	0	1,790	3,673	8,469	4,638	15,164	2,317
Total 1st 70 institutions	9,429,197	199,826	51,790	1,072,728	29,287	400,798	75,130	5,835,896	481,252	1,202,094	80,396
71 Colorado State University	57,472	8,918	1,940	2,995	0	2,644	1,703	22,116	3,336	11,031	2,789
72 U of Med & Dent of NJ	57,085	116	0	301	149	7,690	473	46,988	581	787	0
73 Woods Hole Ocean Inst	55,476	0	2,841	16,112	0	330	0	86	733	35,374	0
74 NC State U	55,216	11,745	1,220	10,243	164	2,616	2,374	8,363	2,712	13,247	2,532
75 U of Hawaii Manoa	55,043	10,460	953	8,535	0	825	0	15,957	1,508	16,805	0
76 Virginia Poly Inst & St U	53,227	7,402	110	7,068	165	16,584	1,441	3,196	4,968	9,780	2,513
77 U of Cincinnati	52,942	220	0	3,733	0	783	1,456	43,136	328	3,260	26
78 Wake Forest University	52,927	0	0	272	0	0	575	50,610	83	1,387	0
79 Thomas Jefferson U	50,263	0	0	687	373	0	120	48,836	0	247	0
80 U of MA Worcester	49,424	0	0	651	0	0	0	47,667	477	629	0
Total 1st 80 institutions	9,968,272	238,687	58,854	1,123,325	30,138	432,270	83,272	6,122,851	495,978	1,294,641	88,256

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

Table B-13. Federal obligations for science and engineering research and development (R&D) to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
81 U of Connecticut	48,255	2,035	2,126	3,537	254	836	663	32,115	343	6,227	119
82 U of New Mexico	46,507	50	0	8,769	0	3,150	0	24,883	2,961	6,385	309
83 U of TX Med Brnch Galvstn	46,227	95	0	2,282	295	270	0	42,653	208	424	0
84 Florida State University	45,808	142	810	2,735	200	7,892	85	5,735	2,426	25,427	356
85 Dartmouth College	45,771	302	0	2,605	499	995	0	34,638	1,583	5,149	0
86 Brown University	44,119	60	0	7,568	0	2,822	0	19,924	2,052	11,532	161
87 Iowa State University	43,940	15,931	1,000	1,209	0	3,328	2,558	8,595	1,031	7,168	3,120
88 Rockefeller University	43,820	0	0	231	0	1,148	0	41,468	0	973	0
89 Tulane University	43,574	265	107	4,373	122	9,496	125	26,617	412	1,857	200
90 U of TX Hlth Sci S Anto	43,333	0	0	640	0	0	0	42,219	166	308	0
Total 1st 90 institutions	10,419,626	257,567	62,897	1,157,274	31,508	462,207	86,703	6,401,698	507,160	1,360,091	92,521
91 Tufts University	43,300	204	143	2,000	0	1,293	1,196	34,681	298	3,485	0
92 University of Kansas	42,817	125	0	2,512	1,505	1,288	754	26,795	1,199	8,606	33
93 Virginia Commonwealth U	41,296	0	164	80	1,134	184	45	38,510	343	738	98
94 U of MA Amherst	40,194	4,115	347	9,662	0	1,686	537	7,410	837	15,497	103
95 University of Georgia	39,237	10,675	133	810	231	4,418	1,433	12,585	347	6,948	1,657
96 U of SC All Campuses	39,197	240	105	15,364	0	4,498	1,135	9,178	649	6,519	1,509
97 Medical U of S Carolina	39,060	117	0	5,424	0	6,243	22	26,613	87	554	0
98 U of Missouri Columbia	38,486	9,479	0	1,384	719	1,216	190	17,462	850	6,436	750
99 Medical Col of Wisconsin	37,341	155	0	233	373	0	0	35,706	113	156	605
100 SUNY at Buffalo	35,611	100	0	2,024	0	35	0	22,289	350	8,638	2,175
Total 1st 100 institutions	10,816,165	282,777	63,789	1,196,767	35,470	483,068	92,015	6,632,927	512,233	1,417,668	99,451

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTES: Does not include R&D obligations to university-administered federally funded research and development centers. See table B-38.

The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all institutions	676,995	20,983	6,172	8,584	80,984	0	15,196	450,271	41,590	51,243	1,972
1 Harvard University	21,761	4	0	260	0	0	0	17,967	178	3,352	0
2 University of Washington	21,396	10	278	62	1,006	0	109	15,311	625	3,940	55
3 U of CA San Francisco	19,428	0	0	456	0	0	0	17,435	0	1,537	0
4 Johns Hopkins University	19,158	0	0	85	0	0	102	18,198	367	406	0
5 Stanford University	18,334	0	0	230	0	0	315	12,566	758	4,465	0
6 U of Michigan	15,692	28	172	294	0	0	321	12,765	836	1,236	40
7 U of Pennsylvania	14,699	0	0	0	0	0	0	13,772	21	906	0
8 Yale University	13,650	0	0	240	0	0	102	12,461	88	759	0
9 U of NC Chapel Hill	12,606	0	17	275	1,024	0	1,701	9,021	0	568	0
10 Columbia U City New York	11,937	0	0	480	0	0	34	10,780	197	446	0
Total 1st 10 institutions	168,661	42	467	2,382	2,030	0	2,684	140,276	3,070	17,615	95
11 MA Inst of Technology	11,932	0	153	52	0	0	197	6,221	617	4,658	34
12 U of Colorado	11,712	7	1,312	125	1,428	0	292	6,913	1,223	412	0
13 U of CA Berkeley	11,085	0	0	71	0	0	453	5,432	550	4,257	322
14 U of CA Los Angeles	11,026	0	0	0	0	0	0	9,551	77	1,398	0
15 Cornell University	10,537	778	0	0	100	0	302	6,999	664	1,694	0
16 U of CA San Diego	10,396	0	282	118	0	0	53	9,234	709	0	0
17 Washington University	10,348	0	0	1	0	0	0	10,062	88	197	0
18 Vanderbilt University	10,277	0	0	260	1,871	0	41	7,539	468	98	0
19 U of WI Madison	10,171	13	0	237	158	0	156	8,215	168	1,218	6
20 Duke University	9,355	0	0	478	0	0	91	7,877	110	799	0
Total 1st 20 institutions	275,500	840	2,214	3,724	5,587	0	4,269	218,319	7,744	32,346	457
21 University of Chicago	8,849	0	0	0	0	0	131	7,747	132	839	0
22 U of Minnesota	7,117	433	0	0	348	0	59	5,880	337	0	60
23 U of Pittsburgh	6,936	0	0	232	1,134	0	0	5,479	66	25	0
24 University of Arizona	6,816	80	21	61	1,396	0	244	2,978	615	1,421	0
25 PA St U University Park	6,447	725	0	0	0	0	38	3,527	812	1,235	110
26 University of Florida	6,306	44	0	140	599	0	237	4,389	652	245	0
27 Case Western Reserve U	6,054	0	17	0	0	0	0	5,884	78	75	0
28 U of Virginia	5,800	0	0	103	1,343	0	31	4,191	132	0	0
29 University of Kansas	5,776	0	0	123	3,835	0	30	1,475	236	77	0
30 Boston University	5,521	0	17	0	0	0	54	5,450	0	0	0
Total 1st 30 institutions	341,122	2,122	2,269	4,383	14,242	0	5,093	265,319	10,804	36,263	627
31 University of Rochester	5,517	0	0	121	149	0	0	5,012	0	235	0
32 U of IL Urbana-Champaign	5,344	100	0	122	1,334	0	13	1,867	578	1,208	122
33 NY University	5,012	0	0	0	405	0	0	4,094	0	513	0
34 University of Iowa	4,875	0	0	0	229	0	0	4,484	88	74	0
35 CA Inst of Technology	4,863	0	0	120	0	0	34	2,765	556	1,388	0
36 University of Utah	4,722	0	4	0	1,593	0	0	2,824	44	257	0
37 U of Alabama Birmingham	4,558	0	0	313	0	0	2	4,100	22	121	0
38 Northwestern University	4,483	0	0	0	0	0	244	3,454	66	719	0
39 Yeshiva University NY	4,442	0	0	0	0	0	0	4,442	0	0	0
40 U of TX Austin	4,371	0	0	300	974	0	85	1,303	743	966	0
Total 1st 40 institutions	389,309	2,222	2,273	5,359	18,926	0	5,471	299,664	12,901	41,744	749
41 Baylor Col of Medicine	4,360	0	0	125	145	0	0	4,090	0	0	0
42 Virginia Commonwealth U	4,330	0	0	0	0	0	0	4,318	12	0	0
43 Emory University	4,183	0	0	0	0	0	0	3,936	0	247	0
44 Ohio State U	4,114	672	71	83	514	0	1,029	1,351	110	284	0
45 U of New Mexico	4,004	0	0	71	1,941	0	24	775	968	225	0
46 U of TX SW Med Ctr Dals	3,979	0	0	62	100	0	0	3,817	0	0	0
47 Princeton University	3,770	0	0	100	0	0	37	2,143	159	1,331	0
48 University of Oregon	3,694	0	0	0	2,189	0	0	1,363	44	98	0
49 Indiana U	3,641	0	17	82	709	0	22	2,789	22	0	0
50 Oregon Hlth Sciences U	3,618	0	0	0	0	0	0	3,618	0	0	0
Total 1st 50 institutions	429,002	2,894	2,361	5,882	24,524	0	6,583	327,864	14,216	43,929	749

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

Table B-14. Federal obligations for fellowships, traineeships, and training grants to the 100 universities and colleges receiving the largest amounts, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
51 U of TX Hlth Sci S Anto	3,489	0	0	169	0	0	0	3,320	0	0	0
52 University of Miami	3,422	0	0	290	0	0	0	2,957	126	49	0
53 San Diego State U	3,330	0	33	0	2,747	0	0	481	44	25	0
54 U of Med & Dent of NJ	3,291	0	0	59	175	0	8	3,024	0	25	0
55 U of IL Chicago	3,048	0	0	60	0	0	70	2,828	88	2	0
56 U of TX Med Brnch Galvstn	3,027	0	0	0	0	0	46	2,937	44	0	0
57 U of MD Baltimore	2,946	2	0	52	0	0	40	2,830	22	0	0
58 Florida A&M University	2,917	936	0	0	0	0	0	242	1,739	0	0
59 U of CA Davis	2,793	175	0	0	0	0	390	1,712	78	438	0
60 George Washington U	2,743	0	32	0	2,220	0	58	161	217	55	0
Total 1st 60 institutions	460,008	4,007	2,426	6,512	29,666	0	7,195	348,356	16,574	44,523	749
61 Thomas Jefferson U	2,742	0	0	0	149	0	0	2,593	0	0	0
62 U of Kentucky All Cmp	2,736	499	0	0	1,027	0	0	1,066	11	133	0
63 U of Southern California	2,719	0	53	61	0	0	0	2,528	34	43	0
64 U of MA Worcester	2,715	0	0	0	0	0	0	2,715	0	0	0
65 Rutgers St U of NJ	2,712	632	17	0	0	0	772	1,291	0	0	0
66 NC State U	2,643	93	132	0	0	0	1,446	312	371	289	0
67 U of TX Hlth Sci Houston	2,578	0	0	0	0	0	0	2,460	44	74	0
68 U of Connecticut	2,542	81	69	0	567	0	72	1,753	0	0	0
69 Georgetown University	2,504	0	0	561	244	0	0	1,640	44	15	0
70 Wayne State University	2,462	0	0	40	171	0	0	2,251	0	0	0
Total 1st 70 institutions	486,361	5,312	2,697	7,174	31,824	0	9,485	366,965	17,078	45,077	749
71 Purdue University	2,438	673	76	79	199	0	60	970	381	0	0
72 Medical Col of Wisconsin	2,425	0	0	0	100	0	0	2,325	0	0	0
73 University of Vermont	2,389	146	0	0	602	0	0	1,367	249	25	0
74 U of Missouri Columbia	2,330	188	0	0	429	0	0	1,681	0	32	0
75 CUNY Mt Sinai Schl of Med	2,313	0	0	0	293	0	0	2,020	0	0	0
76 WV University (Morgantwn)	2,310	1	0	0	869	0	1,002	145	293	0	0
77 Utah State University	2,285	24	0	0	1,803	0	25	0	433	0	0
78 U of Cincinnati	2,255	0	0	0	114	0	234	1,744	163	0	0
79 LA St U All Campuses	2,243	78	180	0	428	0	30	1,264	263	0	0
80 Carnegie Mellon U	2,208	0	0	0	0	0	114	472	134	1,488	0
Total 1st 80 institutions	509,557	6,422	2,953	7,253	36,661	0	10,950	378,953	18,994	46,622	749
81 Brandeis University	2,173	0	0	0	0	0	0	2,151	22	0	0
82 New Mexico St U	2,165	703	0	0	485	0	9	398	570	0	0
83 Dartmouth College	2,149	0	0	0	0	0	136	1,924	66	23	0
84 SUNY at Stony Brook	2,013	0	288	0	0	0	57	1,646	22	0	0
85 Tufts University	2,010	0	0	0	0	0	41	1,898	22	49	0
86 San Fran State University	1,992	0	36	0	1,187	0	0	769	0	0	0
87 U of CA Irvine	1,932	0	22	0	0	0	26	1,758	126	0	0
88 U of CA Santa Barbara	1,927	0	0	0	178	0	83	259	176	1,231	0
89 Wake Forest University	1,886	0	0	0	0	0	0	1,886	0	0	0
90 San Jose State University	1,828	0	17	0	1,410	0	0	379	22	0	0
Total 1st 90 institutions	529,632	7,125	3,316	7,253	39,921	0	11,302	392,021	20,020	47,925	749
91 University of South FL	1,802	0	27	0	1,337	0	55	361	22	0	0
92 Rockefeller University	1,782	0	0	136	0	0	0	1,499	0	147	0
93 Brown University	1,734	0	17	2	0	0	0	1,501	214	0	0
94 University of Georgia	1,727	79	0	0	940	0	85	579	44	0	0
95 U of Alabama Huntsville	1,671	0	0	0	0	0	0	151	1,520	0	0
96 U of Oklahoma	1,646	0	5	0	436	0	48	901	192	64	0
97 New Mexico Highlands U	1,643	0	0	0	0	0	0	0	1,643	0	0
98 Georgia Inst of Tech	1,641	0	0	0	0	0	94	292	909	346	0
99 Medical Col of Georgia	1,632	0	0	0	0	0	0	1,632	0	0	0
100 Spelman College	1,605	0	0	0	0	0	22	0	1,583	0	0
Total 1st 100 institutions	546,515	7,204	3,365	7,391	42,634	0	11,606	398,937	26,147	48,482	749

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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	15,081,369	13,002,538	275,955	29,889	676,995	170,698	925,294
Alabama, total	258,963	223,614	5,925	115	11,118	2,561	15,630
Alabama A & M University	12,093	9,638	120	0	491	350	1,494
Alabama State University	1,053	99	0	0	300	654	0
Auburn University	34,118	18,646	4,161	0	1,329	0	9,982
Birmingham Southern Col	21	21	0	0	0	0	0
Bishop State CC	180	0	0	0	0	180	0
Calhoun State CC	122	25	0	0	0	0	97
Concordia College (Selma)	218	0	0	0	0	0	218
G C Wallace St CC Selma	20	20	0	0	0	0	0
Huntingdon College	45	0	0	45	0	0	0
Jacksonville State U	42	42	0	0	0	0	0
Lawson State CC	20	20	0	0	0	0	0
Miles College	254	38	216	0	0	0	0
Oakwood College	49	0	0	0	49	0	0
Stillman College	616	74	0	0	147	296	99
Talladega College	502	47	0	0	322	133	0
Trenholm State Tech Col	185	0	0	0	0	0	185
Troy State U Ctrl Off	75	0	0	0	75	0	0
Troy State U Main	98	8	0	0	34	0	56
Tuskegee University	9,946	7,311	0	0	151	948	1,536
U of Alabama Birmingham	157,676	151,204	1,098	0	4,558	0	816
U of Alabama Huntsville	20,979	18,346	330	47	1,671	0	585
U of Alabama Sys Off	282	282	0	0	0	0	0
U of Alabama, The	8,858	7,781	0	23	756	0	298
U of North Alabama	50	34	0	0	0	0	16
U of South Alabama	11,461	9,978	0	0	1,235	0	248
Alaska, total	41,779	33,905	0	0	1,188	2,717	3,969
Sheldon Jackson College	32	32	0	0	0	0	0
U of AK Anchorage All Cmp	3,362	2,762	0	0	259	0	341
U of AK Fairbanks All Cmp	37,810	30,636	0	0	929	2,717	3,528
U of AK Southeast	141	41	0	0	0	0	100
U of AK System Higher Ed	434	434	0	0	0	0	0
Arizona, total	177,720	152,634	1,614	68	8,341	1,166	13,897
Arizona State U Main	35,497	30,304	50	0	1,055	139	3,949
Central Arizona College	98	0	0	0	98	0	0
Dine College	1,188	652	0	16	63	257	200
Maricopa CC Sys Off	3,196	0	0	0	0	0	3,196
Northern Arizona U	5,557	4,150	176	0	309	363	559
Prescott College	81	81	0	0	0	0	0
U & State Col AZ Sys Off	392	392	0	0	0	0	0
University of Arizona	131,711	117,055	1,388	52	6,816	407	5,993
Arkansas, total	61,062	42,962	2,398	124	3,913	488	11,177
Arkansas State U	347	272	0	0	0	0	75
Arkansas Tech University	112	112	0	0	0	0	0
Hendrix College	153	131	0	22	0	0	0
Lyon College	296	53	0	0	0	0	243
Ouachita Baptist U	218	0	0	0	0	0	218
Philander Smith College	94	0	0	0	0	94	0
Shorter Col (N Little Rk)	68	0	0	68	0	0	0
U of Arkansas Little Rock	16,700	6,356	0	0	1,318	0	9,026
U of Arkansas Main	16,898	14,933	918	0	1,047	0	0
U of Arkansas Med Sci	19,713	18,922	0	0	791	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	Total	Research and develop-ment	R&D plant [1]	Facilities for instruc-tion in S&E	Fellow-ships, trainee-ships, and training grants	General support for S&E	Other S&E activi-ties
Arkansas, continued:							
U of Arkansas Monticello	2	0	0	0	2	0	0
U of Arkansas Pine Bluff	6,158	2,096	1,480	0	573	394	1,615
U of Central Arkansas	303	87	0	34	182	0	0
California, total	2,119,395	1,880,393	70,497	1,364	102,135	14,158	50,848
Azusa Pacific University	79	0	0	0	79	0	0
CA Col of Podiatric Med	70	20	0	0	0	0	50
CA Inst of Technology	172,276	107,597	57,143	0	4,863	0	2,673
CA Lutheran University	246	0	0	0	0	0	246
CA Schl Prof Psych Ctrl	499	499	0	0	0	0	0
CA St Poly U Pomona	1,757	124	0	0	89	875	669
CA St Poly U San Luis	1,487	840	0	109	538	0	0
CA St U Bakersfield	142	13	0	0	129	0	0
CA St U Chico	830	109	0	0	345	0	376
CA St U Dominguez Hills	1,874	136	0	36	90	373	1,239
CA St U Fresno	1,217	429	0	100	610	0	78
CA St U Fullerton	3,458	798	0	73	578	439	1,570
CA St U Hayward	869	201	0	0	95	573	0
CA St U Long Beach	3,068	1,680	0	0	817	571	0
CA St U Los Angeles	6,826	3,724	0	0	409	1,951	742
CA St U Monterey Bay	1,429	1,429	0	0	0	0	0
CA St U Northridge	3,534	1,055	104	38	1,460	677	200
CA St U Sacramento	2,403	1,935	0	0	21	0	447
CA St U San Bernardino	320	122	0	0	198	0	0
CA St U San Marcos	242	212	0	20	0	0	10
CA St U Stanislaus	20	0	0	0	0	20	0
CA St U System Office	595	583	0	0	12	0	0
CA Western School of Law	25	0	0	0	0	0	25
Cabrillo College	100	0	0	0	0	0	100
Chabot College	7	0	0	7	0	0	0
Chapman University	185	154	0	31	0	0	0
Charles Drew U Med & Sci	4,872	4,345	0	0	223	304	0
Claremont Graduate U	149	149	0	0	0	0	0
Claremont McKenna College	158	158	0	0	0	0	0
College of San Mateo	81	81	0	0	0	0	0
Contra Costa College	355	325	0	30	0	0	0
D-Q University	241	128	0	0	113	0	0
East Los Angeles College	304	0	0	0	0	304	0
Foothill College	211	0	0	0	0	0	211
Foothill-DeAnza CC SO	1,005	0	0	0	1,005	0	0
Grossmont College	26	0	0	26	0	0	0
Hartnell College	70	70	0	0	0	0	0
Harvey Mudd College	1,563	793	149	63	0	118	440
Humboldt State University	1,390	1,283	0	0	107	0	0
John F Kennedy University	74	74	0	0	0	0	0
Kings River CC	49	0	0	0	0	0	49
LA Col of Chiropractic	301	301	0	0	0	0	0
LA Harbor College	56	56	0	0	0	0	0
LA Pierce College	20	20	0	0	0	0	0
La Sierra University	53	53	0	0	0	0	0
Loma Linda University	12,119	12,004	0	0	115	0	0
Loyola Marymount U	553	25	425	0	103	0	0
Mills College	1,039	0	0	0	0	0	1,039
Monterey Inst Intl Stud	2,500	2,500	0	0	0	0	0
Monterey Peninsula Col	1,532	240	0	0	0	0	1,292
Mount San Antonio College	117	72	0	45	0	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
California, continued:							
Mount St Marys Col LA CA	248	0	0	0	248	0	0
Natl Hispanic U(Oakland)	300	200	0	0	0	0	100
Natl Physical Sci Cnstrm	846	737	0	0	109	0	0
Occidental College	625	583	0	32	0	0	10
Pasadena City College	253	99	0	14	0	0	140
Pepperdine University	84	84	0	0	0	0	0
Pitzer College	414	204	0	0	0	0	210
Point Loma Nazarene Col	120	120	0	0	0	0	0
Pomona College	548	443	105	0	0	0	0
Porterville College	29	0	0	0	29	0	0
Rancho Santiago College	269	0	0	89	180	0	0
Rio Hondo College	50	50	0	0	0	0	0
Sam Merritt College	86	0	0	0	86	0	0
San Bernardino Valley Col	25	0	0	25	0	0	0
San Diego Miramar College	39	0	0	39	0	0	0
San Diego State U	25,627	19,784	0	27	3,330	706	1,780
San Fran CC Dist	224	200	0	24	0	0	0
San Fran State University	10,266	4,432	0	225	1,992	949	2,668
San Jose State University	12,021	8,896	0	147	1,828	395	755
Santa Clara University	550	440	0	0	107	0	3
Scripps College	651	651	0	0	0	0	0
Scripps Rsch Inst, The	103,387	103,387	0	0	0	0	0
Sonoma State University	791	104	371	0	59	0	257
Southwestern Col Chl Vsta	95	0	0	0	0	95	0
St Mary's College of CA	14	14	0	0	0	0	0
Stanford University	338,298	315,686	1,127	0	18,334	255	2,896
State Center CC Dist	110	0	0	0	0	0	110
U of CA Berkeley	180,268	150,140	3,695	19	11,085	301	15,028
U of CA Davis	110,764	105,924	939	0	2,793	450	658
U of CA Irvine	71,464	67,327	692	0	1,932	0	1,513
U of CA Los Angeles	233,783	216,958	1,523	53	11,026	400	3,823
U of CA Office of Pres	6,132	5,699	0	0	433	0	0
U of CA Riverside	24,293	22,803	833	0	218	1	438
U of CA San Diego	262,298	246,181	1,547	0	10,396	3,259	915
U of CA San Francisco	242,505	222,045	0	0	19,428	270	762
U of CA Santa Barbara	64,379	60,257	859	0	1,927	0	1,336
U of CA Santa Cruz	29,862	25,671	927	0	1,259	484	1,521
U of La Verne	20	20	0	0	0	0	0
U of Redlands	15	0	0	15	0	0	0
U of San Diego	263	150	0	29	84	0	0
U of San Francisco	848	314	0	0	534	0	0
U of Southern California	163,446	156,099	58	0	2,719	388	4,182
U of the Pacific	182	116	0	28	0	0	38
US International U	72	72	0	0	0	0	0
Ventura Co CC Sys Off	20	0	0	20	0	0	0
Victor Valley College	20	20	0	0	0	0	0
West Val Mission CC Dist	249	0	0	0	0	0	249
Westmont College	146	146	0	0	0	0	0
Colorado, total	318,604	275,910	4,673	196	14,697	13,030	10,098
Adams State College	100	99	0	0	1	0	0
Aims Community College	92	0	0	0	92	0	0
Colorado Christian U	10	10	0	0	0	0	0
Colorado College	40	23	0	0	0	0	17
Colorado School of Mines	7,143	6,489	214	70	30	0	340

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Colorado, continued:							
Colorado State University	74,266	57,472	2,350	2	1,037	7,852	5,553
Fort Lewis College	162	162	0	0	0	0	0
Front Range CC	175	0	0	0	175	0	0
Natl Technological U	74	10	0	0	0	0	64
Red Rocks CC	1	0	0	0	1	0	0
Regis University	124	99	0	0	25	0	0
Trinidad State Junior Col	373	0	0	0	90	0	283
U of Colorado	223,606	203,721	1,334	0	11,712	5,096	1,743
U of Denver	8,796	7,599	775	100	132	0	190
U of Northern Colorado	3,438	128	0	0	1,402	0	1,908
U of Southern Colorado	194	88	0	24	0	82	0
Western State Col of CO	10	10	0	0	0	0	0
Connecticut, total	283,873	257,936	2,634	176	16,715	807	5,605
Central Connecticut St U	51	0	0	25	26	0	0
Connecticut College	570	570	0	0	0	0	0
Fairfield University	225	190	0	0	35	0	0
Hartford Col for Women	5	0	0	0	5	0	0
Quinebaug Val Cmty Tech	46	0	0	46	0	0	0
Sacred Heart University	117	0	95	0	22	0	0
Southern Connecticut St U	186	53	0	0	133	0	0
St Joseph Col (W Hrtfrd)	24	0	0	0	24	0	0
Trinity Col (Hartford)	654	514	0	0	0	0	140
U of Connecticut	57,692	48,255	2,099	26	2,542	448	4,322
U of Hartford	280	37	0	53	190	0	0
U of New Haven	88	88	0	0	0	0	0
Wesleyan University	3,071	2,957	0	26	88	0	0
Yale University	220,864	205,272	440	0	13,650	359	1,143
Delaware, total	40,534	30,617	2,628	21	680	2,242	4,346
Delaware State University	3,601	1,374	1,000	0	5	489	733
Delaware Tech & CC	505	0	0	0	2	0	503
U of Delaware	36,366	29,243	1,628	21	611	1,753	3,110
Wilmington Col (N Cstl)	62	0	0	0	62	0	0
District of Columbia, total	150,781	128,798	968	38	8,107	2,530	10,340
American University	2,376	1,489	0	22	90	121	654
Catholic U of America	6,273	5,797	131	0	160	0	185
Cnsrtm Ocean Rsch & Ed	665	665	0	0	0	0	0
Gallaudet University	1,687	623	0	0	1,027	0	37
George Washington U	38,258	34,873	269	0	2,743	0	373
Georgetown University	67,052	59,782	0	0	2,504	0	4,766
Howard University	29,987	23,632	568	16	1,319	1,297	3,155
Southeastern University	20	20	0	0	0	0	0
Strayer University	2	0	0	0	2	0	0
Trinity College (DC)	21	19	0	0	2	0	0
University of DC	4,440	1,898	0	0	260	1,112	1,170
Florida, total	341,399	293,132	2,979	339	16,503	10,771	17,675
Barry University	255	0	0	0	139	116	0
Bethune Cookman College	2,318	1,203	0	0	196	591	328
Brevard Community College	1	0	0	0	1	0	0
Broward Community College	211	0	0	14	0	0	197
Daytona Beach CC	220	0	0	0	0	0	220
Eckerd College	116	116	0	0	0	0	0
Edward Waters College	200	200	0	0	0	0	0
Embry Riddle Aeronautcl U	785	539	0	0	0	0	246

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Florida, continued:							
Florida A&M University	21,546	11,103	1,778	0	2,917	1,688	4,060
Florida Atlantic U	9,488	8,661	0	0	222	0	605
Florida CC Jacksonville	69	0	0	69	0	0	0
Florida Gulf Coast U	80	80	0	0	0	0	0
Florida Inst of Tech	1,616	1,413	0	0	42	161	0
Florida International U	12,726	10,980	0	31	107	1,195	413
Florida Memorial College	260	58	0	0	0	22	180
Florida State University	46,463	45,808	0	133	289	17	216
Indian River CC	363	0	0	0	0	0	363
Jacksonville University	29	0	0	29	0	0	0
Miami-Dade CC	518	0	0	0	90	0	428
Nova Southeastern U	1,866	1,404	0	0	462	0	0
Palm Beach CC	32	20	0	12	0	0	0
Rollins College	40	40	0	0	0	0	0
St Leo College	43	43	0	0	0	0	0
State U System FL Sys Off	2,334	1,167	0	0	140	1,027	0
Stetson University	89	89	0	0	0	0	0
University of Central FL	13,177	11,999	0	0	344	0	834
University of Florida	106,288	89,709	884	51	6,306	126	9,212
University of Miami	91,890	82,435	200	0	3,422	5,631	202
University of North FL	733	733	0	0	0	0	0
University of South FL	26,046	23,796	117	0	1,802	197	134
University of Tampa	24	0	0	0	24	0	0
University of West FL	1,330	1,318	0	0	0	0	12
Valencia CC	243	218	0	0	0	0	25
Georgia, total	345,310	250,871	21,754	638	13,770	7,054	51,223
Agnes Scott College	5	5	0	0	0	0	0
Albany State University	213	0	0	0	107	0	106
Armstrong Atlantic St U	40	0	0	40	0	0	0
Atlanta Metropolitan Col	52	0	0	0	0	0	52
Berry College	21	0	0	21	0	0	0
Brenau University	1	0	0	0	1	0	0
Clark Atlanta University	14,055	9,624	60	0	782	2,452	1,137
Emory University	100,832	92,272	1,551	0	4,183	1,333	1,493
Fort Valley State U	4,546	2,991	0	0	3	0	1,552
Georgia Inst of Tech	89,504	61,004	1,073	116	1,641	0	25,670
Georgia Southern U	1,615	515	900	108	92	0	0
Georgia Southwestern St U	145	145	0	0	0	0	0
Georgia State University	10,247	9,257	0	25	235	0	730
Inst Paper Sci & Tech	2,647	2,647	0	0	0	0	0
Kennesaw State University	245	165	0	0	0	0	80
Medical Col of Georgia	15,029	13,397	0	0	1,632	0	0
Mercer U	7,952	3,672	0	100	0	0	4,180
Morehouse College	2,923	698	0	0	966	917	342
Morehouse School of Med	27,565	10,474	15,250	0	342	1,431	68
Morris Brown College	930	580	0	0	0	350	0
North GA Col & State U	38	38	0	0	0	0	0
Paine College	32	32	0	0	0	0	0
Savannah State University	221	221	0	0	0	0	0
Spelman College	8,604	3,265	2,500	0	1,605	434	800
State U of West Georgia	541	429	0	112	0	0	0
Thomas Col (Thomsvl)	70	0	0	0	70	0	0
University Sys of Georgia	20	20	0	0	0	0	0
University of Georgia	56,303	39,237	420	0	1,727	137	14,782

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Georgia, continued:							
Valdosta State University	860	156	0	89	384	0	231
Wesleyan College (Macon)	54	27	0	27	0	0	0
Hawaii, total	77,874	63,394	845	0	1,597	5,273	6,765
Chaminade U of Honolulu	82	0	0	0	0	82	0
Leeward Community College	246	0	0	0	0	0	246
U of Hawaii Hilo	246	0	0	0	0	0	246
U of Hawaii Manoa	67,874	55,043	845	0	1,453	4,260	6,273
U of Hawaii System Office	9,426	8,351	0	0	144	931	0
Idaho, total	26,908	15,376	4,686	1,023	1,167	7	4,649
Boise State University	1,977	1,363	0	0	48	0	566
Idaho State University	550	134	0	33	383	0	0
North Idaho College	990	0	0	990	0	0	0
University of Idaho	23,391	13,879	4,686	0	736	7	4,083
Illinois, total	543,930	465,671	20,059	700	25,598	2,525	29,377
Augustana Col (Rock Isld)	135	135	0	0	0	0	0
Bradley University	3,775	673	0	0	26	0	3,076
Chicago State University	2,716	476	0	0	0	1,250	990
City Col Chicago	154	0	0	0	0	0	154
College of Du Page	123	0	0	123	0	0	0
Columbia Col (Chicago)	406	0	0	0	0	0	406
De Paul University	5,972	1,513	4,428	0	31	0	0
East West University	246	0	0	0	0	0	246
Eastern Illinois U	535	48	0	134	0	0	353
Finch U Hlth Sci/Chic Med	4,846	4,743	0	0	103	0	0
Governors State U	36	0	0	0	36	0	0
Illinois Inst of Tech	9,361	6,683	137	0	466	0	2,075
Illinois State University	3,081	1,510	0	51	0	0	1,520
Joliet Junior College	246	0	0	45	0	0	201
Knox College	277	266	0	11	0	0	0
Lake Forest College	15	15	0	0	0	0	0
Lewis University	26	0	0	0	26	0	0
Loyola U of Chicago	15,540	15,198	0	26	245	0	71
Mennonite Col of Nursing	27	0	0	0	27	0	0
Midwestern University	1,025	258	0	0	767	0	0
Millikin University	271	5	0	66	0	0	200
Monmouth Col (Monmth)	46	46	0	0	0	0	0
National Col Chiropractic	66	66	0	0	0	0	0
Northeastern Illinois U	94	0	0	0	94	0	0
Northern Illinois U	5,166	3,322	354	0	1,490	0	0
Northwestern University	119,107	108,238	4,223	82	4,483	231	1,850
Oakton Community College	40	0	0	40	0	0	0
Quincy University	7	0	0	7	0	0	0
Roosevelt University	150	0	150	0	0	0	0
Rush University	895	671	0	0	224	0	0
Southern IL U	476	476	0	0	0	0	0
Southern IL U Carbondale	6,744	6,389	0	0	49	0	306
Southern IL U Edwardsvlle	509	291	0	0	69	0	149
St Xavier University	35	0	0	0	35	0	0
U of IL Central Office	10,714	10,235	0	0	186	293	0
U of IL Chicago	65,237	58,852	0	0	3,048	246	3,091
U of IL Springfield	4	0	0	0	0	0	4
U of IL Urbana-Champaign	153,014	125,787	8,579	0	5,344	505	12,799
University of Chicago	132,168	119,411	2,188	99	8,849	0	1,621

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Illinois, continued:							
Waubonsee CC	10	0	0	10	0	0	0
Western Illinois U	635	364	0	6	0	0	265
Indiana, total	234,806	207,299	3,531	468	6,457	570	16,481
Ball State University	772	310	0	0	7	0	455
De Pauw University	104	53	0	51	0	0	0
Earlham College	19	0	0	19	0	0	0
Goshen College	34	0	0	34	0	0	0
Indiana State U All Camp	1,880	629	1,194	0	57	0	0
Indiana U	106,871	99,164	332	184	3,641	0	3,550
Indiana Wesleyan U	48	0	0	0	48	0	0
Manchester College	25	25	0	0	0	0	0
Martin Center College	75	75	0	0	0	0	0
Natl Cnsrtm Grad Eng Min	206	40	0	0	0	0	166
Purdue University	96,044	79,279	1,630	133	2,438	554	12,010
Rose-Hulman Inst of Tech	6,851	6,739	0	47	0	0	65
St Mary of the Woods Col	80	80	0	0	0	0	0
University of Evansville	19	0	0	0	19	0	0
University of Indianapols	100	100	0	0	0	0	0
University of Notre Dame	21,468	20,632	375	0	210	16	235
Valparaiso University	210	173	0	0	37	0	0
Iowa, total	173,123	147,578	1,232	649	5,944	345	17,375
Clarke Col (Dubuque)	7	0	0	7	0	0	0
Coe College	75	0	0	75	0	0	0
Divine Word College	20	20	0	0	0	0	0
Drake University	651	279	0	0	357	0	15
Eastern Iowa CC	50	50	0	0	0	0	0
Graceland College	53	0	0	31	22	0	0
Grinnell College	42	42	0	0	0	0	0
Hawkeye Community College	300	0	0	0	0	0	300
Iowa Lakes CC	51	0	0	51	0	0	0
Iowa State University	59,441	43,940	198	263	655	120	14,265
Kirkwood CC	300	300	0	0	0	0	0
Loras College	64	64	0	0	0	0	0
Maharishi U of Mgmt	744	709	0	0	35	0	0
Northeast Iowa CC	291	291	0	0	0	0	0
Palmer Col Chiropractic	500	500	0	0	0	0	0
Simpson Col (Indianola)	20	0	0	20	0	0	0
St Ambrose University	23	0	0	23	0	0	0
University of Iowa	108,486	100,489	1,034	90	4,875	225	1,773
University of N Iowa	1,978	894	0	62	0	0	1,022
Wartburg College	27	0	0	27	0	0	0
Kansas, total	85,158	68,012	1,215	273	6,343	2	9,313
Bethel Col (N Newton)	12	0	0	12	0	0	0
Butler County CC	16	16	0	0	0	0	0
Emporia State University	125	125	0	0	0	0	0
Fort Hays State U	48	0	0	0	48	0	0
Garden City CC	20	20	0	0	0	0	0
Haskell Indian Nations U	248	178	0	0	67	0	3
Independence CC	455	180	107	0	0	0	168
Kansas Newman College	307	0	0	0	0	0	307
Kansas State University	31,040	22,172	909	80	388	2	7,489
Pittsburg St U (Pittsbrg)	175	0	0	100	10	0	65
Southwestern Col (Winfld)	187	187	0	0	0	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	Total	Research and develop-ment	R&D plant [1]	Facilities for instruc-tion in S&E	Fellow-ships, trainee-ships, and training grants	General support for S&E	Other S&E activi-ties
Kansas, continued:							
University of Kansas	49,827	42,817	199	0	5,776	0	1,035
Westrn KS Cmty Svc Cnsrtm	462	462	0	0	0	0	0
Wichita State University	2,236	1,855	0	81	54	0	246
Kentucky, total	92,458	72,872	430	224	4,180	780	13,972
Bellarmine College	31	0	0	31	0	0	0
Centre College	64	10	0	54	0	0	0
Kentucky State University	5,132	2,291	0	0	0	357	2,484
Kentucky Wesleyan College	19	7	0	12	0	0	0
Morehead State University	266	0	0	0	164	0	102
Murray State University	63	0	0	0	63	0	0
Northern Kentucky U	189	189	0	0	0	0	0
Spalding University	43	0	0	0	43	0	0
U of Kentucky All Cmp	75,649	61,450	0	102	2,736	115	11,246
U of Louisville	9,422	8,259	150	0	705	308	0
Western Kentucky U	1,580	666	280	25	469	0	140
Louisiana, total	157,174	133,059	2,761	222	4,847	2,822	13,463
Dillard University	103	103	0	0	0	0	0
Grambling State U	2,267	883	716	0	175	493	0
LA St U All Campuses	81,845	66,507	1,470	18	2,243	1,375	10,232
LA St U System Office	198	125	0	9	64	0	0
LA U Marine Consortium	202	202	0	0	0	0	0
Louisiana Tech University	1,285	1,058	0	0	24	0	203
Loyola U New Orleans	128	128	0	0	0	0	0
McNeese State University	1,303	1,267	0	36	0	0	0
Nicholls State University	46	0	0	46	0	0	0
Northeast Louisiana U	915	626	0	0	0	94	195
Northwestern St U (Natch)	47	0	0	0	47	0	0
Southeastern Louisiana U	549	126	0	0	12	0	411
Southern U A&M All Cmp	8,815	5,279	575	58	1,035	527	1,341
Tulane University	44,269	43,574	0	0	497	186	12
U of Southwstrn Louisiana	8,950	8,759	0	55	136	0	0
Xavier U of Louisiana	6,252	4,422	0	0	614	147	1,069
Maine, total	20,944	14,807	335	230	626	1,071	3,875
Bates College	423	258	0	85	0	80	0
Bowdoin College	280	116	105	59	0	0	0
Colby College	275	45	230	0	0	0	0
College of the Atlantic	18	18	0	0	0	0	0
Husson College	23	0	0	0	23	0	0
U of Maine	17,857	12,878	0	44	320	991	3,624
U of Maine Bangor	11	0	0	0	0	0	11
U of Maine Farmington	16	0	0	0	0	0	16
U of Maine Fort Kent	2	2	0	0	0	0	0
U of New England	367	208	0	0	140	0	19
U of Southern Maine	1,672	1,282	0	42	143	0	205
Maryland, total	932,064	782,083	7,813	188	26,605	4,589	110,786
Bowie State University	2,584	1,198	0	0	0	0	1,386
Capitol College	202	128	0	0	0	0	74
Charles County CC	14	14	0	0	0	0	0
Col of Notre Dame of MD	192	0	0	0	0	0	192
Coppin State College	325	52	0	0	273	0	0
Essex Community College	43	0	0	43	0	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Maryland, continued:							
Frederick CC	21	21	0	0	0	0	0
Frostburg State U	1,251	50	950	0	0	0	251
Goucher College	261	261	0	0	0	0	0
Hood College	208	104	0	17	0	0	87
Johns Hopkins University	703,890	587,484	1,748	0	19,158	1,200	94,300
Loyola College	4,137	4,113	0	24	0	0	0
Montgomery Col All Cmp	4	0	0	0	4	0	0
Morgan State University	6,189	4,962	30	0	370	567	260
Mount St Marys Col & Sem	9	0	0	9	0	0	0
Prince Georges CC	311	118	0	0	15	0	178
Salisbury State U	45	18	0	0	27	0	0
St Mary's Col of MD	51	51	0	0	0	0	0
Towson University	336	0	0	67	0	0	269
U Sys of MD Headquarters	4,050	2,140	0	0	1,858	0	52
U of Baltimore	331	321	0	0	0	0	10
U of MD Baltimore	73,372	68,574	433	0	2,946	151	1,268
U of MD Baltimore County	10,995	9,171	0	0	271	157	1,396
U of MD Biotech Inst	6,411	3,961	0	0	294	2,156	0
U of MD College Park	103,122	90,664	3,059	0	823	103	8,473
U of MD Ctr for Env Sci	6,076	6,018	0	0	58	0	0
U of MD Eastern Shore	5,911	1,326	1,538	0	394	63	2,590
U of MD University Col	1,265	1,151	0	0	114	0	0
Washington College	83	0	55	28	0	0	0
Western Maryland College	375	183	0	0	0	192	0
Massachusetts, total	887,147	802,454	11,015	601	49,050	4,997	19,030
Amherst College	910	892	0	0	18	0	0
Assumption College	110	0	0	0	110	0	0
Bentley College	8	0	0	0	8	0	0
Boston College	8,722	8,187	0	0	456	0	79
Boston University	103,395	97,015	100	35	5,521	180	544
Bradford College	20	20	0	0	0	0	0
Brandeis University	27,531	24,540	60	0	2,173	634	124
Bridgewater State College	250	250	0	0	0	0	0
Cape Cod CC	42	0	0	42	0	0	0
Clark University	3,020	1,867	982	0	171	0	0
Col of Our Lady of Elms	103	103	0	0	0	0	0
Col of the Holy Cross	217	217	0	0	0	0	0
Emerson College	110	0	0	0	110	0	0
Five Colleges Inc	36	36	0	0	0	0	0
Greenfield CC	48	0	0	48	0	0	0
Hampshire College	1,710	1,395	0	0	0	0	315
Harvard University	241,993	215,939	988	0	21,761	483	2,822
Holyoke Community College	222	222	0	0	0	0	0
MA Bay Community College	60	45	0	0	0	0	15
MA Inst of Technology	250,893	228,287	5,375	0	11,932	2,176	3,123
MGH Inst Hlth Professions	104	104	0	0	0	0	0
Mount Holyoke College	637	479	0	40	0	0	118
New Eng Col of Optometry	1,190	1,190	0	0	0	0	0
Northeastern University	16,416	13,298	600	0	426	110	1,982
Radcliffe College	607	607	0	0	0	0	0
Regis Col (Weston)	21	0	0	0	21	0	0
Simmons College	1,152	637	0	0	108	0	407
Simons Rock Col of Bard	65	65	0	0	0	0	0
Smith College	761	610	0	45	106	0	0
Springfield Col (Sprgfld)	92	0	0	0	92	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Massachusetts, continued:							
Springfield Tech CC	1,485	228	0	57	0	0	1,200
Stonehill College	542	50	492	0	0	0	0
Suffolk University	18	18	0	0	0	0	0
Tufts University	46,724	43,300	0	88	2,010	556	770
U of MA Amherst	47,891	40,194	978	126	866	0	5,727
U of MA Boston	3,617	3,048	0	0	239	0	330
U of MA Central Office	876	609	0	0	0	267	0
U of MA Dartmouth	2,661	2,644	0	0	0	0	17
U of MA Lowell	4,876	4,666	0	0	102	0	108
U of MA Worcester	52,878	49,424	739	0	2,715	0	0
Wellesley College	1,305	1,305	0	0	0	0	0
Wentworth Inst of Tech	1,078	1,028	0	50	0	0	0
Wheaton Col (Norton)	26	0	0	26	0	0	0
Wheelock College	533	369	0	0	0	0	164
Williams College	1,577	1,276	72	0	0	0	229
Woods Hole Ocean Inst	57,106	55,476	300	0	105	591	634
Worcester Polytech Inst	3,509	2,814	329	44	0	0	322
Michigan, total	475,484	422,666	3,859	1,137	20,649	4,411	22,762
Albion College	205	126	0	79	0	0	0
Alma College	84	84	0	0	0	0	0
Andrews University	100	0	0	100	0	0	0
Bay Mills CC	53	0	0	0	53	0	0
Calvin College	191	180	0	11	0	0	0
Central Michigan U	126	104	0	20	2	0	0
Cnsrtm Intl Erth Sci Info	3,607	3,607	0	0	0	0	0
Cranbrook Acad of Art	246	0	0	0	0	246	0
Eastern Michigan U	477	448	29	0	0	0	0
Gogebic Community College	20	20	0	0	0	0	0
Grand Valley State U	388	0	0	30	30	82	246
Henry Ford CC	797	0	0	0	0	0	797
Hope College	1,073	686	150	65	0	0	172
Kalamazoo College	35	35	0	0	0	0	0
Kettering University	237	90	0	147	0	0	0
Lake Superior State U	56	0	0	56	0	0	0
Lawrence Technological U	27	27	0	0	0	0	0
Michigan State University	85,312	67,060	1,842	123	1,345	608	14,334
Michigan Tech University	11,282	10,894	88	158	44	0	98
Northern Michigan U	348	72	0	0	30	0	246
Northwestern Michigan Col	13	0	0	11	2	0	0
Oakland University	3,687	3,372	0	32	110	61	112
Saginaw Valley State U	636	636	0	0	0	0	0
Spring Arbor College	2	0	0	0	2	0	0
U of Detroit Mercy	353	303	0	14	36	0	0
U of Michigan	293,959	270,858	1,647	232	15,692	2,787	2,743
Wayne State University	66,419	61,571	0	25	2,462	627	1,734
Western Michigan U	5,751	2,493	103	34	841	0	2,280
Minnesota, total	256,451	228,950	2,142	422	7,683	1,137	16,117
Augsburg College	803	386	380	0	0	0	37
Bemidji State University	20	0	0	20	0	0	0
Bethel Col&Sem (St Paul)	30	30	0	0	0	0	0
Carleton College	133	85	0	48	0	0	0
Century Cmty & Tech Col	252	0	0	0	0	0	252
College of St Scholastica	333	0	0	0	27	0	306

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Minnesota, continued:							
College of Visual Arts	20	20	0	0	0	0	0
Fond du Lac Tribal & CC	330	223	0	0	52	55	0
Gustavus Adolphus College	408	317	51	40	0	0	0
Hamline University	100	100	0	0	0	0	0
Leech Lake Tribal College	52	0	0	0	52	0	0
Macalester College	256	80	0	176	0	0	0
Minnesota St Cols & U	1,500	527	0	0	63	464	446
Minnesota State U-Mankato	363	210	0	6	147	0	0
Moorhead State University	317	285	0	32	0	0	0
Ridgewater College	11	0	0	11	0	0	0
St Cloud State University	448	348	0	0	0	0	100
St John's U (Collegevl)	29	0	29	0	0	0	0
St Mary's U of Minnesota	116	0	0	40	76	0	0
St Olaf College	1,082	879	0	0	0	0	203
St Paul Tech College	95	0	0	0	95	0	0
U of Minnesota	249,650	225,460	1,682	0	7,117	618	14,773
U of St Thomas (St Paul)	49	0	0	49	0	0	0
Winona State University	54	0	0	0	54	0	0
Mississippi, total	76,855	51,921	754	79	3,817	3,469	16,815
Alcorn State University	4,847	2,450	0	0	442	677	1,278
Delta State University	28	28	0	0	0	0	0
Hinds CC Raymond	1	0	0	0	1	0	0
Itawamba CC	2	0	0	0	2	0	0
Jackson State University	3,866	2,112	0	0	1,040	413	301
Jones County Junior Col	410	0	0	0	0	0	410
Millsaps College	83	83	0	0	0	0	0
Mississippi AL Sea Grant	1,800	900	0	0	108	792	0
Mississippi College	217	217	0	0	0	0	0
Mississippi Gulf Coast CC	4	0	0	0	4	0	0
Mississippi Rsch Cnstrm	1,899	1,899	0	0	0	0	0
Mississippi State U	39,315	25,997	0	0	445	1,000	11,873
Mississippi U for Women	42	0	0	0	42	0	0
Mississippi Valley St U	930	190	0	0	565	0	175
Rust College	246	100	0	0	35	111	0
Tougaloo College	680	45	0	0	438	197	0
U of Mississippi	16,646	13,089	670	29	424	279	2,155
U of Southern Mississippi	5,839	4,811	84	50	271	0	623
Missouri, total	309,332	271,832	2,676	330	14,043	1,102	19,349
Central Missouri St U	90	0	0	0	0	0	90
Columbia Col (Columbia)	60	60	0	0	0	0	0
Crowder College	218	0	0	0	0	0	218
Harris Stowe State Col	70	0	0	0	0	0	70
Kirksville Col Osteo Med	614	296	0	0	318	0	0
Lincoln U (Jeffersn City)	5,069	2,323	0	0	198	607	1,941
Missouri Western St Col	34	6	0	28	0	0	0
Northwest Missouri St U	263	0	0	0	0	0	263
Park College	2	0	0	0	2	0	0
Rockhurst College	150	0	0	0	0	0	150
Southeast Missouri St U	238	108	0	0	130	0	0
Southwest Missouri St U	629	405	0	43	0	0	181
St Louis CC All Cmp	62	0	0	62	0	0	0
St Louis University	19,892	19,399	0	7	270	0	216
Truman State University	188	168	0	20	0	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Missouri, continued:							
U of Missouri Columbia	57,999	38,486	1,028	24	2,330	495	15,636
U of Missouri Kansas City	5,994	5,841	0	0	153	0	0
U of Missouri Rolla	5,667	4,711	522	31	232	0	171
U of Missouri St Louis	3,941	3,589	0	0	47	0	305
U of Missouri Sys Admin	1,561	1,546	0	0	15	0	0
Washington University	206,197	194,615	1,126	0	10,348	0	108
Webster University	279	279	0	0	0	0	0
William Jewell College	83	0	0	83	0	0	0
William Woods University	32	0	0	32	0	0	0
Montana, total	43,665	32,603	541	40	1,862	846	7,773
Blackfeet CC	106	0	0	0	54	52	0
Carroll College (Helena)	9	9	0	0	0	0	0
Dull Knife Memorial Col	52	0	0	0	52	0	0
Fort Belknap College	1,463	1,410	0	0	53	0	0
Fort Peck CC	378	74	0	0	54	250	0
Little Big Horn College	78	0	0	0	53	25	0
Montana State U Billings	7,866	5,862	400	39	153	0	1,412
Montana State U Bozeman	20,356	14,494	141	1	508	273	4,939
Montana State U Northern	233	0	0	0	0	0	233
Montana Tech of U of MT	107	105	0	0	0	2	0
Montana U Sys-Sys Off	1,460	1,460	0	0	0	0	0
Rocky Mountain College	27	0	0	0	0	0	27
Salish Kootenai College	1,849	410	0	0	439	0	1,000
Stone Child College	295	0	0	0	53	242	0
U of Montana, The	9,341	8,734	0	0	443	2	162
Western Montana College	45	45	0	0	0	0	0
Nebraska, total	65,913	51,492	30	116	1,837	1,645	10,793
Creighton University	4,289	3,980	0	0	74	0	235
Nebraska Indian CC	53	0	0	0	53	0	0
Peru State College	177	177	0	0	0	0	0
U of Nebraska Ctrl Admin	904	590	0	11	303	0	0
U of Nebraska Kearney	93	69	0	14	0	0	10
U of Nebraska Lincoln	39,612	28,787	30	62	662	293	9,778
U of Nebraska Med Ctr	17,585	16,704	0	0	267	0	614
U of Nebraska Omaha	1,430	1,032	0	24	220	0	154
Wayne State College	7	0	0	5	0	0	2
York College (York NE)	1,763	153	0	0	258	1,352	0
Nevada, total	27,944	23,750	0	0	768	750	2,676
Community Col S Nevada	168	0	0	0	0	0	168
Desert Research Institute	4,381	4,036	0	0	170	0	175
U & CC Sys of NV SO	2,248	2,245	0	0	0	0	3
U of Nevada Las Vegas	4,037	3,341	0	0	215	0	481
U of Nevada Reno	17,110	14,128	0	0	383	750	1,849
New Hampshire, total	77,862	69,306	2,125	136	2,741	50	3,504
Daniel Webster College	12	0	0	0	0	0	12
Dartmouth College	48,462	45,771	0	0	2,149	0	542
NH Cmty Tech Berlin/Lac	601	601	0	0	0	0	0
Rivier College	37	0	0	0	37	0	0
St Anselm College	65	65	0	0	0	0	0
U System of NH Sys Off	4,491	2,293	2,125	0	23	50	0
U of NH Durham	23,964	20,548	0	127	532	0	2,757

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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 Hampshire, continued:							
U of NH Keene St Col	184	0	0	0	0	0	184
U of NH Plymouth St Col	18	0	0	9	0	0	9
U of NH at Manchester	8	8	0	0	0	0	0
White Pines College	20	20	0	0	0	0	0
New Jersey, total	247,156	218,975	4,260	177	10,738	2,003	11,003
College of N Jersey, The	152	18	0	0	134	0	0
Drew University	129	129	0	0	0	0	0
Felician College NJ	22	0	0	0	22	0	0
Jersey City State College	627	237	0	30	360	0	0
Kean Col of New Jersey	188	37	0	0	151	0	0
Middlesex County College	998	0	0	0	0	0	998
Monmouth University	55	55	0	0	0	0	0
Montclair St University	142	0	0	0	0	142	0
New Jersey Inst of Tech	8,544	7,174	500	47	65	0	758
Ocean County College	20	20	0	0	0	0	0
Passaic County CC	30	30	0	0	0	0	0
Princeton University	77,751	71,162	692	0	3,770	1,124	1,003
Ramapo College of NJ	518	0	0	0	0	0	518
Richard Stockton Col NJ	26	26	0	0	0	0	0
Rider University	104	104	0	0	0	0	0
Rowan University	611	161	350	100	0	0	0
Rutgers St U of NJ	87,578	75,763	1,237	0	2,712	501	7,365
Seton Hall University	706	420	223	0	63	0	0
Stevens Institute of Tech	6,862	6,554	0	0	170	0	138
U of Med & Dent of NJ	62,093	57,085	1,258	0	3,291	236	223
New Mexico, total	125,476	83,676	7,258	12,017	8,337	2,220	11,968
Albuquerque T-VI A CC	481	0	0	0	179	0	302
Eastern NM U	132	18	0	0	114	0	0
Inst Ind AK Culture & Art	53	0	0	0	53	0	0
New Mexico Highlands U	5,350	1,224	0	0	1,643	483	2,000
New Mexico Inst Mining	6,845	5,901	0	0	25	0	919
New Mexico St U	46,724	29,871	5,398	87	2,165	882	8,321
Northern New Mexico CC	80	10	0	70	0	0	0
Southwestrn Indian Poly	255	100	0	0	55	0	100
U of New Mexico	65,412	46,507	1,860	11,860	4,004	855	326
Western New Mexico U	144	45	0	0	99	0	0
New York, total	1,206,760	1,089,236	18,434	1,366	51,720	8,665	37,339
Adelphi University	10	10	0	0	0	0	0
Albany Col of Pharmacy	385	385	0	0	0	0	0
Albany Medical College	6,787	6,332	0	0	455	0	0
Alfred University	889	754	0	20	0	0	115
Bank Street Col of Ed	247	247	0	0	0	0	0
Barnard College	886	824	0	62	0	0	0
Boricua College	40	0	0	0	0	0	40
CUNY Bernard Baruch Col	329	303	0	0	26	0	0
CUNY Boro of Manhattan CC	50	0	0	0	0	0	50
CUNY Bronx CC	830	3	0	0	0	640	187
CUNY Brooklyn College	3,512	2,162	189	0	0	0	1,161
CUNY City College	17,410	8,623	1,129	50	430	1,370	5,808
CUNY Col Staten Island	763	719	0	0	0	0	44
CUNY Grad Schl & U Ctr	2,309	1,994	0	0	90	0	225
CUNY Herbert H Lehman Col	1,613	461	0	0	245	707	200
CUNY Hostos CC	502	277	0	0	150	0	75

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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 York, continued:							
CUNY Hunter College	7,434	5,879	154	0	793	598	10
CUNY J Jay Col Crim Just	795	746	0	49	0	0	0
CUNY Laguardia CC	96	0	0	0	96	0	0
CUNY Medgar Evers College	704	427	0	77	0	0	200
CUNY Mt Sinai Schl of Med	72,169	68,789	842	0	2,313	225	0
CUNY NY City Tech Col	199	0	0	0	0	0	199
CUNY Queens College	3,129	2,151	505	0	104	0	369
CUNY Queensboro CC	393	0	0	0	0	0	393
CUNY System Office	5,060	3,679	0	105	1,000	30	246
CUNY York College	50	50	0	0	0	0	0
Canisius College	204	97	0	13	94	0	0
Clarkson University	2,388	2,247	68	0	40	0	33
Colgate University	524	285	101	34	0	0	104
College of Mt St Vincent	14	0	0	0	14	0	0
College of New Rochelle	30	0	0	0	30	0	0
Columbia U Central Off	2,474	2,444	0	0	30	0	0
Columbia U City New York	225,288	209,604	1,000	64	11,937	109	2,574
Cooper Union	214	0	0	121	0	93	0
Cornell University	240,796	204,466	8,867	0	10,537	1,205	15,721
D'Youville College	52	20	0	0	32	0	0
Fordham University	995	995	0	0	0	0	0
Hamilton College	360	360	0	0	0	0	0
Hartwick College	208	68	0	0	0	0	140
Hobart & Wm Smith Cols	120	74	0	46	0	0	0
Hofstra University	393	204	0	0	189	0	0
Iona College	123	123	0	0	0	0	0
Ithaca College	1,496	152	0	44	0	0	1,300
Le Moyne College	50	50	0	0	0	0	0
Long Island University	2,654	488	1,502	11	0	651	2
Manhattan College	847	544	255	0	48	0	0
Marist College	392	0	0	19	0	0	373
Marymount Col (Tarrytown)	27	27	0	0	0	0	0
Mercy Col (Dobbs Ferry)	186	60	0	0	0	0	126
NY Inst of Tech	1,168	1,168	0	0	0	0	0
NY Medical College	12,787	12,765	0	0	22	0	0
NY University	102,382	95,235	1,425	0	5,012	450	260
Nazareth Col of Rochester	24	0	0	14	0	0	10
Niagara University	79	67	0	0	12	0	0
Pace University	517	205	0	0	312	0	0
Paul Smiths Col Arts Sci	17	0	0	17	0	0	0
Polytechnic University	2,936	2,717	0	0	0	0	219
Pratt Institute	15	15	0	0	0	0	0
Rensselaer Polytech Inst	14,524	13,115	280	58	150	194	727
Roberts Wesleyan College	2	2	0	0	0	0	0
Rochester Inst Technology	1,955	832	19	0	105	0	999
Rockefeller University	45,602	43,820	0	0	1,782	0	0
Russell Sage College	72	0	0	0	72	0	0
SUNY Adirondack CC	49	0	0	0	0	0	49
SUNY Col Brockport	450	148	0	50	86	0	166
SUNY Col Buffalo	4,014	3,492	110	100	312	0	0
SUNY Col Cortland	233	10	0	0	0	0	223
SUNY Col Env Sci & Forest	1,020	846	114	0	60	0	0
SUNY Col Fredonia	120	37	0	81	0	0	2
SUNY Col Geneseo	443	166	0	26	0	0	251
SUNY Col Old Westbury	832	429	0	0	235	168	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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 York, continued:							
SUNY Col Oneonta	62	25	0	37	0	0	0
SUNY Col Oswego	146	0	0	0	0	0	146
SUNY Col Plattsburgh	412	316	0	0	0	0	96
SUNY Col Potsdam	45	45	0	0	0	0	0
SUNY Col of Optometry	490	446	0	0	44	0	0
SUNY Corning CC	76	0	0	24	0	52	0
SUNY Farmingdale	200	200	0	0	0	0	0
SUNY Hlth Sci Ctr Brklyn	14,777	14,681	0	0	96	0	0
SUNY Hlth Sci Ctr Syracus	9,476	9,425	0	0	51	0	0
SUNY Mohawk Valley CC	38	0	0	38	0	0	0
SUNY Monroe CC	84	0	0	18	0	0	66
SUNY Purchase Col	421	401	0	20	0	0	0
SUNY System Office	2,443	2,197	0	0	0	0	246
SUNY at Albany	18,072	17,956	0	0	97	0	19
SUNY at Binghamton	14,205	12,885	0	33	137	0	1,150
SUNY at Buffalo	37,268	35,611	90	24	1,533	0	10
SUNY at New Paltz	32	5	0	0	27	0	0
SUNY at Stony Brook	83,123	75,920	945	0	2,013	1,751	2,494
Skidmore College	53	53	0	0	0	0	0
St John Fisher College	104	45	0	29	30	0	0
St Johns University (NY)	859	465	0	0	156	238	0
Syracuse University	15,121	14,293	0	0	702	0	126
Teachers Col Columbia U	1,783	1,764	0	0	19	0	0
Trocaire College	35	0	0	35	0	0	0
Union Col (Schenectady)	133	90	0	27	16	0	0
University of Rochester	125,533	119,407	254	0	5,517	50	305
Vassar College	675	575	0	20	0	0	80
Villa Maria Col Buffalo	20	20	0	0	0	0	0
Wagner College	27	0	0	0	27	0	0
Wells College	48	48	0	0	0	0	0
Yeshiva University NY	85,332	80,171	585	0	4,442	134	0
North Carolina, total	558,674	486,784	3,810	416	30,712	8,675	28,277
Appalachian St University	389	264	0	29	96	0	0
Barber Scotia College	65	0	0	0	0	65	0
Bennett Col (Greensboro)	1,314	784	0	0	177	195	158
Davidson College	179	143	0	36	0	0	0
Duke University	197,128	186,892	200	0	9,355	118	563
East Carolina University	4,201	3,711	0	0	490	0	0
Elizabeth City State U	2,244	1,471	0	0	0	175	598
Elon College	31	0	0	31	0	0	0
Fayetteville State U	1,257	103	0	0	171	440	543
Guilford Tech CC	30	0	0	30	0	0	0
Johnson C Smith U	682	276	0	0	93	95	218
Livingstone College	195	176	0	0	0	19	0
NC Ag & Tech State U	16,384	9,848	25	57	1,168	316	4,970
NC Central University	1,012	479	0	0	412	121	0
NC State U	79,728	55,216	2,345	166	2,643	926	18,432
Piedmont CC	300	0	0	0	0	0	300
Shaw University	1,167	500	0	0	400	0	267
St Augustines College	292	192	0	0	0	0	100
Tri County CC	18	0	0	0	0	0	18
U of NC Asheville	879	679	0	0	0	0	200
U of NC Chapel Hill	181,428	165,365	270	0	12,606	2,196	991

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
North Carolina, continued:							
U of NC Charlotte	3,114	2,534	0	23	557	0	0
U of NC General Admin Off	2,082	0	0	0	0	2,082	0
U of NC Greensboro	2,266	1,634	0	0	154	25	453
U of NC Pembroke	363	127	0	0	236	0	0
U of NC Wilmington	3,740	2,540	0	0	0	1,200	0
Wake Forest University	55,916	52,927	970	0	1,886	133	0
Wake Technical CC	120	0	0	0	0	0	120
Western Carolina U	649	259	0	44	0	0	346
Winston Salem State U	1,501	664	0	0	268	569	0
North Dakota, total	36,405	24,661	185	103	2,732	171	8,553
Bismarck State College	23	0	0	23	0	0	0
Cankdeska Cikana CC	62	0	0	0	52	10	0
Fort Bethold CC	428	234	0	0	54	140	0
Jamestown College	149	149	0	0	0	0	0
Minot State University	306	0	0	47	259	0	0
North Dakota St U	18,414	12,264	47	0	578	0	5,525
Sitting Bull College	171	0	0	0	171	0	0
Turtle Mountain CC	2,507	0	0	0	55	0	2,452
U of North Dakota	14,112	11,891	138	33	1,474	0	576
United Tribes Tech Col	74	0	0	0	53	21	0
University of Mary	36	0	0	0	36	0	0
Valley City State U	123	123	0	0	0	0	0
Ohio, total	431,635	375,137	4,912	693	16,154	6,774	27,965
Antioch University	65	0	0	0	0	0	65
Baldwin Wallace College	82	82	0	0	0	0	0
Bowling Gr St U	1,817	1,316	0	0	420	0	81
Case Western Reserve U	152,098	143,194	1,516	0	6,054	1,070	264
Central State U (Wlbrfc)	5,207	168	0	0	92	4,947	0
Cleveland State U	3,941	3,573	0	0	45	0	323
College of Wooster	155	78	0	77	0	0	0
Cuyahoga CC	1,219	669	0	0	0	0	550
Denison University	152	120	0	0	0	0	32
John Carroll University	231	231	0	0	0	0	0
Kent State U	8,584	7,152	0	0	1,411	0	21
Kenyon College	180	156	0	24	0	0	0
Lake Erie College	76	0	0	0	0	0	76
Lorain County CC	20	20	0	0	0	0	0
Marietta College	65	0	0	65	0	0	0
Marion Technical College	20	20	0	0	0	0	0
Medical College of Ohio	8,162	7,611	0	0	516	0	35
Miami University All Cmp	3,415	1,177	100	19	122	0	1,997
Mt Vernon Nazarene Col	20	20	0	0	0	0	0
North Central Tech Col	23	23	0	0	0	0	0
Northeastern OH U Col Med	1,348	1,291	0	0	57	0	0
Oberlin College	508	508	0	0	0	0	0
Ohio Col Podiatric Med	36	0	36	0	0	0	0
Ohio Northern University	7	7	0	0	0	0	0
Ohio State U	126,347	107,261	637	62	4,114	668	13,605
Ohio University	6,091	5,949	142	0	0	0	0
Ohio Wesleyan University	258	258	0	0	0	0	0
Otterbein College	29	0	0	0	29	0	0
Pontifical Col Josephinum	20	20	0	0	0	0	0
Sinclair Community Col	1,198	0	0	0	0	0	1,198

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Ohio, continued:							
Stark State Col of Tech	7	0	0	7	0	0	0
U of Akron	3,946	3,329	242	0	129	0	246
U of Cincinnati	55,962	52,942	0	40	2,255	89	636
U of Dayton	31,643	23,379	0	104	108	0	8,052
U of Toledo	6,885	4,220	2,239	79	275	0	72
Wilberforce University	153	153	0	0	0	0	0
Wittenberg University	60	32	0	28	0	0	0
Wright State U	11,247	10,078	0	0	477	0	692
Xavier U (Cincinnati)	84	0	0	34	50	0	0
Youngstown State U	274	100	0	154	0	0	20
Oklahoma, total	84,090	57,704	1,000	491	2,949	3,430	18,516
Cameron University	110	0	0	30	80	0	0
Carl Albert State Col	246	0	0	0	0	0	246
East Central University	261	15	0	0	0	0	246
Eastern Oklahoma St Col	90	0	0	0	0	90	0
Langston University	4,313	2,337	0	41	108	265	1,562
Northeastern OK A&M Col	123	123	0	0	0	0	0
Oklahoma City University	111	111	0	0	0	0	0
Oklahoma St U	34,279	18,685	0	375	1,115	0	14,104
Oral Roberts University	27	27	0	0	0	0	0
Rogers University	246	0	0	0	0	0	246
Southeastern OK St U	694	196	0	0	0	167	331
Southwestern OK St U	200	0	0	0	0	0	200
U of Oklahoma	41,027	35,069	1,000	45	1,646	2,908	359
U of Tulsa	2,363	1,141	0	0	0	0	1,222
Oregon, total	197,127	168,445	5,582	293	9,886	2,780	10,141
Chemeketa CC	999	0	0	0	0	0	999
Eastern Oregon State Col	360	0	0	0	0	0	360
Lane Community College	263	0	0	0	0	0	263
Lewis & Clark College	615	269	224	23	0	0	99
Linn Benton Community Col	200	200	0	0	0	0	0
Mount Hood Community Col	169	0	0	0	0	0	169
Oregon Grad Inst Sci Tech	14,097	13,779	0	0	83	0	235
Oregon Hlth Sciences U	71,399	67,210	0	0	3,618	0	571
Oregon Institute of Tech	506	400	0	106	0	0	0
Oregon State Sys Hi Ed	440	0	0	0	0	0	440
Oregon State University	73,835	58,050	4,988	6	1,573	2,780	6,438
Portland CC	100	0	0	0	0	0	100
Portland State U (OR)	3,147	2,552	0	0	198	0	397
Reed College	154	95	0	59	0	0	0
Rogue Community College	60	0	0	0	0	0	60
Southern Oregon U	62	62	0	0	0	0	0
University of Oregon	29,459	25,321	370	64	3,694	0	10
University of Portland	50	50	0	0	0	0	0
Western Oregon University	720	0	0	0	720	0	0
Western States Chiro Col	380	380	0	0	0	0	0
Willamette University	112	77	0	35	0	0	0
Pennsylvania, total	914,147	831,217	5,818	1,059	37,728	2,631	35,694
Allegheny College	211	211	0	0	0	0	0
Allegheny U Hlth Sciences	35,911	34,647	0	0	1,040	0	224
Beaver College (Glenside)	55	55	0	0	0	0	0
Bloomsburg U of PA	53	26	0	25	1	0	1
Bryn Mawr College	765	755	0	0	10	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Pennsylvania, continued:							
Bucknell University	436	386	0	50	0	0	0
Cambria County Area CC	17	17	0	0	0	0	0
Carlow College	127	75	0	21	31	0	0
Carnegie Mellon U	104,248	98,277	215	0	2,208	0	3,548
Chestnut Hill College	19	0	0	19	0	0	0
Clarion U of PA	348	162	0	0	0	0	186
College Misericordia	140	0	0	49	43	0	48
Dickinson College	882	190	0	0	0	0	692
Drexel University	8,239	7,458	320	142	47	0	272
Duquesne University	1,156	1,029	0	0	29	0	98
Franklin & Marshall Col	427	270	35	122	0	0	0
Gannon University	39	0	0	0	39	0	0
Geneva College	26	26	0	0	0	0	0
Gettysburg College	342	0	0	0	0	0	342
Gwynedd Mercy College	48	0	0	0	48	0	0
Harrisburg Area CC	11	0	0	10	1	0	0
Haverford College	480	480	0	0	0	0	0
Indiana U of PA	575	334	125	110	6	0	0
Juniata College	162	146	0	16	0	0	0
Kutztown U of PA	208	0	0	31	0	0	177
La Roche College	87	0	0	87	0	0	0
La Salle University	492	0	430	0	62	0	0
Lafayette College	533	533	0	0	0	0	0
Lebanon Valley College	89	0	0	0	0	0	89
Lehigh Carbon CC	98	0	0	0	98	0	0
Lehigh University	10,548	9,946	55	0	482	0	65
Lincoln U (Linc U PA)	998	684	0	0	314	0	0
Luzerne County CC	25	25	0	0	0	0	0
Mercyhurst College	101	0	0	0	101	0	0
Millersville U of PA	431	12	400	19	0	0	0
Moravian College	161	161	0	0	0	0	0
Muhlenberg College	217	217	0	0	0	0	0
PA Col of Optometry	790	270	0	0	520	0	0
PA College of Technology	601	0	0	0	0	0	601
PA St U University Park	204,093	176,872	1,260	72	6,447	687	18,755
Phila Col Osteopathic Med	86	86	0	0	0	0	0
Phila Col of Pharm & Sci	235	235	0	0	0	0	0
Phila Col of Text & Sci	162	162	0	0	0	0	0
Seton Hill College	70	0	0	0	70	0	0
Slippery Rock U of PA	96	0	0	0	96	0	0
St Francis Col (Loretto)	3,580	3,423	150	7	0	0	0
St Joseph's University	766	231	524	0	11	0	0
St Vincent College & Sem	21	21	0	0	0	0	0
Susquehanna University	164	137	0	27	0	0	0
Swarthmore College	1,354	1,184	0	0	0	0	170
Temple University	27,223	22,402	165	0	1,447	0	3,209
Thiel College	27	0	0	27	0	0	0
Thomas Jefferson U	53,242	50,263	237	0	2,742	0	0
U of Pennsylvania	261,802	242,011	1,808	0	14,699	883	2,401
U of Pittsburgh	189,302	176,721	94	0	6,936	938	4,613
U of Scranton	166	145	0	0	21	0	0
Ursinus College	143	0	0	143	0	0	0
Valley Forge Christ Col	20	20	0	0	0	0	0
Villanova University	892	544	0	0	22	123	203
Waynesburg College	43	0	0	43	0	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Pennsylvania, continued:							
West Chester U of PA	259	220	0	39	0	0	0
Widener U All Campuses	207	100	0	0	107	0	0
Wilkes University	98	48	0	0	50	0	0
Rhode Island, total	80,202	70,411	1,143	65	2,388	2,191	4,004
Brown University	47,742	44,119	1,143	0	1,734	564	182
Bryant College	2,950	2,000	0	0	0	0	950
Rhode Island College	711	0	0	0	248	0	463
Roger Williams U All Cmp	31	0	0	0	0	0	31
U of Rhode Island	28,768	24,292	0	65	406	1,627	2,378
South Carolina, total	129,857	105,543	2,487	623	4,522	3,206	13,476
Benedict College	1,980	1,554	0	0	227	0	199
Claflin College	477	199	0	0	32	0	246
Clemson University	28,452	17,887	1,765	0	666	30	8,104
Coker College	248	248	0	0	0	0	0
College of Charleston	928	601	0	87	240	0	0
Converse College	10	0	0	0	0	0	10
Erskine College	55	0	0	55	0	0	0
Florence-Drlngtn Tech Col	516	476	0	40	0	0	0
Furman University	242	156	0	24	0	0	62
Greenville Tech College	100	0	0	0	0	0	100
Lander University	55	0	0	55	0	0	0
Medical U of S Carolina	41,903	39,060	422	0	1,518	903	0
Midlands Tech College	1	0	0	0	1	0	0
Morris College	62	0	0	0	0	0	62
Piedmont Tech College	36	0	0	36	0	0	0
SC Sea Grant Consortium	3,466	1,927	0	0	185	1,354	0
SC State University	6,592	4,053	0	21	684	311	1,523
Spartanburg Technical Col	154	154	0	0	0	0	0
Trident Tech Col	517	0	0	113	0	0	404
U of SC All Campuses	43,370	39,197	300	93	969	225	2,586
Voorhees College	563	0	0	0	0	383	180
Winthrop University	99	0	0	99	0	0	0
Wofford College	31	31	0	0	0	0	0
South Dakota, total	23,098	13,151	2,908	132	1,050	217	5,640
Augustana Col (Sioux Fls)	117	19	98	0	0	0	0
Cheyenne River CC	52	0	0	0	52	0	0
Dakota State University	181	181	0	0	0	0	0
Mount Marty College	31	0	0	0	31	0	0
Oglala Lakota College	2,900	2,337	0	0	216	217	130
Presentation College	20	20	0	0	0	0	0
SD School Mines & Tech	3,065	2,380	191	32	192	0	270
SD State University	12,798	4,978	2,619	50	129	0	5,022
Sinte Gleska University	353	0	0	0	353	0	0
Sisseton Wahpeton CC	52	0	0	0	52	0	0
U of S Dakota	3,529	3,236	0	50	25	0	218
Tennessee, total	233,471	190,156	6,317	262	14,060	3,505	19,171
Austin Peay State U	23	4	0	19	0	0	0
Belmont University	32	0	0	0	32	0	0
Christian Brothers U	30	0	0	30	0	0	0
Cooper Institute	1,581	1,581	0	0	0	0	0
Cumberland School of Tech	10	10	0	0	0	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Tennessee, continued:							
East Tennessee State U	1,432	1,352	0	0	41	0	39
Fisk University	3,551	2,461	0	0	0	487	603
Hiwassee College	20	20	0	0	0	0	0
Le Moyne Owen College	1,033	20	0	0	0	0	1,013
Lincoln Memorial U	1	1	0	0	0	0	0
Meharry Medical College	11,645	8,277	0	0	1,397	1,840	131
Middle TN State U	2,596	43	2,507	18	0	0	28
Nashville State Tech Inst	230	0	0	0	0	0	230
Pellissippi St Tech CC	26	0	0	26	0	0	0
Rhodes College	126	72	0	0	0	0	54
Roane State CC	20	20	0	0	0	0	0
Tennessee State U	12,592	5,382	2,667	14	873	334	3,322
Tennessee Technological U	908	867	0	41	0	0	0
U of Memphis	5,895	5,614	106	0	60	0	115
U of Tennessee Chtnooga	325	6	207	32	80	0	0
U of Tennessee Knoxville	47,981	34,788	830	82	675	0	11,606
U of Tennessee Memphis	23,270	22,391	0	0	625	104	150
U of Tennessee U-Wide Adm	1,006	515	0	0	0	0	491
Vanderbilt University	119,138	106,732	0	0	10,277	740	1,389
Texas, total	814,368	706,627	10,317	872	32,184	7,427	56,941
Abilene Christian U	150	119	0	31	0	0	0
Alamo CC District	253	194	0	59	0	0	0
Amarillo College	25	0	0	5	0	20	0
Angelo State University	82	0	0	82	0	0	0
Baylor Col of Medicine	105,115	94,634	1,932	0	4,360	267	3,922
Baylor University	467	467	0	0	0	0	0
Central Texas College	75	0	0	0	0	0	75
El Paso Community College	362	243	119	0	0	0	0
Houston Community College	350	300	0	0	0	0	50
Jarvis Christian College	262	208	0	0	0	54	0
Lamar University	2,951	2,589	0	0	362	0	0
Laredo Community College	587	587	0	0	0	0	0
Le Tourneau University	22	0	0	0	0	0	22
Lubbock Christian U	18	12	0	0	6	0	0
McMurry University	13	13	0	0	0	0	0
Midwestern State U	98	98	0	0	0	0	0
Mountain View College	60	0	0	0	0	60	0
Odessa College	119	119	0	0	0	0	0
Our Lady of the Lake U	655	380	0	0	275	0	0
Palo Alto College	50	0	0	50	0	0	0
Paul Quinn College	138	0	0	0	0	138	0
Prairie View A&M U	13,484	9,501	0	1	218	791	2,973
Rice University	30,181	28,373	191	200	773	0	644
Sam Houston State U	88	88	0	0	0	0	0
Southern Methodist U	3,526	3,082	349	0	0	0	95
Southwest Texas Jr Col	89	0	0	0	89	0	0
Southwest Texas St U	1,239	742	0	0	307	0	190
St Edwards University	195	179	0	16	0	0	0
St Marys U (San Antonio)	514	0	0	22	346	146	0
Stephen F Austin St U	645	278	0	4	363	0	0
Sul Ross State University	25	0	0	0	25	0	0
Tarleton State University	700	700	0	0	0	0	0
Tarrant Co Jr Col	860	860	0	0	0	0	0
Texas A&M International U	1,423	1,390	0	0	0	33	0
Texas A&M U	83,719	58,341	4,522	19	1,469	1,263	18,105
Texas A&M U Corpus Chrsti	66	34	0	0	32	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Texas, continued:							
Texas A&M U Galveston	1,350	1,350	0	0	0	0	0
Texas A&M U Kingsville	1,213	816	0	0	180	127	90
Texas A&M U Sys Baylor	847	635	0	0	212	0	0
Texas A&M U System Office	5,275	5,008	0	3	179	85	0
Texas Christian U	2,123	2,104	0	0	19	0	0
Texas Southern U	4,307	1,929	1,500	0	97	502	279
Texas Southmost College	160	160	0	0	0	0	0
Texas State Tech Col	1,179	0	0	0	0	0	1,179
Texas Tech University	11,311	10,676	0	0	635	0	0
Texas Wesleyan University	227	0	0	0	227	0	0
Texas Womans University	2,077	1,298	0	0	779	0	0
Trinity University	673	614	0	15	44	0	0
U of Dallas	77	36	0	41	0	0	0
U of Houston	18,022	17,662	226	0	134	0	0
U of Houston Clear Lake	917	896	0	0	21	0	0
U of Houston Downtown	745	745	0	0	0	0	0
U of Houston Sys Admin	567	518	0	0	0	0	49
U of N Texas	2,007	1,187	489	25	60	0	246
U of N Texas Hlth Sci Ctr	3,880	3,513	0	0	175	0	192
U of TX Arlington	7,071	6,274	110	0	273	0	414
U of TX Austin	112,048	94,607	275	22	4,371	95	12,678
U of TX Brownsville	138	0	0	0	0	0	138
U of TX Dallas	4,597	4,292	94	0	211	0	0
U of TX El Paso	21,019	9,637	168	40	649	367	10,158
U of TX Hlth Sci Houston	69,114	66,250	0	0	2,578	251	35
U of TX Hlth Sci S Anto	47,713	43,333	342	0	3,489	251	298
U of TX MD Anderson Cancr	60,612	59,250	0	0	1,362	0	0
U of TX Med Brnch Galvstn	49,292	46,227	0	0	3,027	0	38
U of TX Pan American	1,289	218	0	127	232	612	100
U of TX Permian Basin	360	260	0	0	0	0	100
U of TX SW Med Ctr Dals	96,909	92,547	0	0	3,979	383	0
U of TX San Antonio	10,450	4,081	0	110	521	1,695	4,043
U of TX System Office	26,812	26,384	0	0	26	0	402
U of TX Tyler	242	242	0	0	0	0	0
U of the Incarnate Word	736	240	0	0	29	287	180
West Texas A&M U	157	107	0	0	50	0	0
Wiley College	246	0	0	0	0	0	246
Utah, total	147,006	132,821	2,275	0	7,141	1,072	3,697
Brigham Young U	4,856	4,720	0	0	134	2	0
University of Utah	101,304	93,190	2,037	0	4,722	1,020	335
Utah State University	40,521	34,676	238	0	2,285	50	3,272
Utah Valley State College	25	25	0	0	0	0	0
Weber State University	300	210	0	0	0	0	90
Vermont, total	41,093	33,900	459	35	2,491	185	4,023
Community Col of Vermont	2	0	0	0	2	0	0
Middlebury College	489	454	0	35	0	0	0
St Michaels College	11	11	0	0	0	0	0
University of Vermont	39,883	33,417	459	0	2,389	185	3,433
Vermont Technical College	690	0	0	0	100	0	590
Woodbury College	18	18	0	0	0	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Virginia, total	275,891	238,396	808	538	15,149	2,845	18,155
Col William & Mary All C	8,662	7,734	0	0	475	132	321
Eastern VA Medical Schl	4,706	4,628	0	0	78	0	0
Emory & Henry College	8	8	0	0	0	0	0
Ferrum College	54	0	0	0	0	0	54
George Mason University	15,188	14,740	0	0	388	0	60
Hampden Sydney College	8	0	0	8	0	0	0
Hampton University	15,485	12,859	189	0	905	0	1,532
Hollins College	27	27	0	0	0	0	0
J Sargeant Reynolds CC	1	0	0	0	1	0	0
James Madison University	488	273	0	84	0	4	127
Longwood College	29	29	0	0	0	0	0
Marymount U (Arlington)	36	0	0	19	17	0	0
Norfolk State University	2,353	1,135	189	25	38	0	966
Old Dominion University	9,695	7,388	0	36	1,445	0	826
Radford University	82	0	0	0	32	0	50
Randolph Macon College	45	0	0	45	0	0	0
Roanoke College	49	0	0	0	0	0	49
St Pauls Col (Lawrencevl)	181	0	0	0	0	181	0
Sweet Briar College	136	136	0	0	0	0	0
Thomas Nelson CC	30	0	0	0	0	0	30
U of Richmond	453	370	0	33	0	0	50
U of Virginia	97,381	90,292	318	98	5,800	0	873
Virginia Commonwealth U	46,001	41,296	0	0	4,330	0	375
Virginia Highlands CC	100	0	0	100	0	0	0
Virginia Military Inst	71	71	0	0	0	0	0
Virginia Poly Inst & St U	67,325	53,227	112	90	873	2,253	10,770
Virginia State University	6,703	3,943	0	0	576	275	1,909
Virginia Union University	319	128	0	0	191	0	0
Washington & Lee U	112	112	0	0	0	0	0
Wytheville CC	163	0	0	0	0	0	163
Washington, total	412,367	350,870	13,508	248	23,372	7,710	16,659
Bellevue CC	1,000	0	0	0	0	0	1,000
Central Washington U	738	738	0	0	0	0	0
Eastern Washington U	684	631	0	47	0	0	6
Evergreen State College	511	348	0	0	0	0	163
Gonzaga University	782	112	576	11	83	0	0
Northwest Indian College	377	0	0	0	158	0	219
Pacific Lutheran U	78	32	0	0	46	0	0
Seattle Pacific U	107	0	0	40	67	0	0
Seattle University	113	32	0	0	22	0	59
University of Puget Sound	19	19	0	0	0	0	0
University of Washington	357,048	314,938	4,554	79	21,396	6,576	9,505
Washington State U	47,869	32,155	7,718	34	1,150	1,134	5,678
Western Washington U	2,113	1,626	0	37	450	0	0
Whitman College	223	194	0	0	0	0	29
Whitworth College	705	45	660	0	0	0	0
West Virginia, total	39,159	18,968	0	13	2,423	0	17,755
Fairmont State College	240	180	0	0	0	0	60
Glenville State College	1	0	0	0	1	0	0
Marshall U Graduate Col	1,748	1,610	0	0	39	0	99
Salem Teikyo University	347	318	0	0	29	0	0
University of Charleston	44	0	0	0	44	0	0

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
West Virginia, continued:							
WV University (Morgantwn)	24,494	16,256	0	0	2,310	0	5,928
WV University Inst Tech	108	0	0	0	0	0	108
WV Wesleyan College	32	14	0	13	0	0	5
Wheeling Jesuit U	12,145	590	0	0	0	0	11,555
Wisconsin, total	294,053	257,048	1,849	452	14,220	986	19,498
Alverno College	240	71	0	19	0	0	150
Beloit College	686	31	0	0	0	0	655
Carroll Col (Waukesha)	6	6	0	0	0	0	0
Carthage College	80	0	0	80	0	0	0
Col of Menomenee Nation	53	0	0	0	53	0	0
Concordia U, Wisconsin	26	0	0	0	26	0	0
Edgewood College	27	27	0	0	0	0	0
Fox Valley Technical Col	46	0	0	46	0	0	0
Lac Courte Ojibwa CC	214	0	0	0	54	160	0
Lawrence University	193	90	0	19	84	0	0
Madison Area Tech College	660	0	0	0	0	0	660
Marquette University	4,089	3,289	0	0	66	0	734
Medical Col of Wisconsin	39,792	37,341	0	0	2,425	0	26
Milwaukee School of Eng	1,014	1,014	0	0	0	0	0
Northland College	5	5	0	0	0	0	0
Ripon College	276	176	100	0	0	0	0
St Norbert College	89	35	0	0	0	0	54
U of WI Colleges	887	886	0	1	0	0	0
U of WI Eau Claire	606	250	0	76	280	0	0
U of WI La Crosse	1,256	1,139	0	116	0	0	1
U of WI Madison	223,079	195,287	1,678	57	10,171	0	15,886
U of WI Milwaukee	6,513	5,941	71	0	345	0	156
U of WI Oshkosh	430	361	0	0	69	0	0
U of WI Parkside	57	57	0	0	0	0	0
U of WI Platteville	24	19	0	0	5	0	0
U of WI River Falls	582	354	0	0	228	0	0
U of WI Stevens Point	374	274	0	38	2	0	60
U of WI Stout	1,499	780	0	0	299	0	420
U of WI Superior	46	0	0	0	0	0	46
U of WI System Office	10,781	9,511	0	0	113	826	331
U of WI Whitewater	100	81	0	0	0	0	19
Waukesha County Tech Col	300	0	0	0	0	0	300
Western WI Tech Col	23	23	0	0	0	0	0
Wyoming, total	18,469	15,055	354	0	332	0	2,728
University of Wyoming	18,469	15,055	354	0	332	0	2,728
American Samoa, total	970	391	0	0	0	98	481
American Samoa CC	970	391	0	0	0	98	481
Guam, total	3,673	1,858	0	0	125	417	1,273
University of Guam	3,673	1,858	0	0	125	417	1,273

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

Table B-15. Federal obligations for science and engineering (S&E) to universities and colleges, by State, institution, and type of activity: fiscal year 1997

[Dollars in thousands]

State and institution	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
Puerto Rico, total	56,124	33,245	152	85	3,504	9,322	9,816
Bayamon Central U	140	0	0	0	0	140	0
Inter Am U PR Ctrl Off	1,212	0	0	0	407	805	0
Ponce School of Medicine	3,627	2,135	0	0	16	1,476	0
Pont Cath U of PR, The	816	269	0	0	485	62	0
Sistema U Ana G Mendez	6	0	0	0	6	0	0
U Central Del Caribe	2,923	2,923	0	0	0	0	0
U Del Turabo	354	104	0	0	195	55	0
U Metropolitana	1,790	1,736	0	0	0	54	0
U of PR Cayey U Col	240	0	0	0	0	240	0
U of PR Humacao U Col	1,908	1,066	0	85	195	562	0
U of PR La Montana Rgn	7	0	0	0	7	0	0
U of PR Mayaguez	18,112	7,732	0	0	538	1,538	8,304
U of PR Medical Sci	14,175	10,475	0	0	827	2,873	0
U of PR Rio Piedras	6,741	4,415	0	0	809	1,517	0
U of the Sacred Heart	52	0	0	0	0	0	52
University of PR System	4,021	2,390	152	0	19	0	1,460
Trust Territory of the Pacific Islands, total	3,186	1,298	0	0	0	0	1,888
Col of Micronesia FSM	1,661	672	0	0	0	0	989
Northern Marianas College	1,525	626	0	0	0	0	899
Virgin Islands, total	2,400	1,068	0	32	97	253	950
U of the Virgin Islands	2,400	1,068	0	32	97	253	950

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	15,081,369	980,424	211,970	1,712,161	171,227	646,339	162,572	7,939,907	820,589	2,248,530	187,650
Alabama, total	258,963	31,493	431	15,539	3,760	13,025	1,866	144,549	35,517	11,418	1,365
Alabama A & M University	12,093	4,404	0	2,422	78	0	7	25	4,387	770	0
Alabama State University	1,053	45	0	0	0	0	0	990	0	18	0
Auburn University	34,118	22,475	104	2,563	713	1,243	28	1,854	1,998	1,887	1,253
Birmingham Southern Col	21	0	0	0	0	0	0	0	21	0	0
Bishop State CC	180	0	0	0	180	0	0	0	0	0	0
Calhoun State CC	122	0	0	0	0	0	0	0	25	97	0
Concordia College (Selma)	218	0	0	0	218	0	0	0	0	0	0
G C Wallace St CC Selma	20	0	0	0	0	0	0	0	0	20	0
Huntingdon College	45	0	0	0	0	0	0	0	0	45	0
Jacksonville State U	42	0	0	0	0	0	0	0	0	0	42
Lawson State CC	20	0	0	0	0	0	0	0	0	20	0
Miles College	254	0	0	0	0	0	0	0	38	216	0
Oakwood College	49	0	0	0	0	0	0	49	0	0	0
Stillman College	616	0	0	0	218	0	0	225	173	0	0
Talladega College	502	0	0	47	133	0	0	322	0	0	0
Trenholm State Tech Col	185	0	0	0	0	0	0	0	185	0	0
Troy State U Ctrl Off	75	0	0	0	75	0	0	0	0	0	0
Troy State U Main	98	0	0	8	0	0	0	34	56	0	0
Tuskegee University	9,946	3,894	0	660	89	145	0	2,276	2,071	811	0
U of Alabama Birmingham	157,676	448	0	4,887	1,781	10,983	418	126,166	10,122	2,801	70
U of Alabama Huntsville	20,979	0	50	3,651	0	130	909	365	14,468	1,406	0
U of Alabama Sys Off	282	0	0	282	0	0	0	0	0	0	0
U of Alabama, The	8,858	0	100	974	116	469	504	2,292	1,778	2,625	0
U of North Alabama	50	0	0	0	0	0	0	0	25	25	0
U of South Alabama	11,461	227	177	45	159	55	0	9,951	170	677	0
Alaska, total	41,779	6,123	6,234	380	443	0	180	2,272	14,675	8,551	2,921
Sheldon Jackson College	32	0	0	0	0	0	0	32	0	0	0
U of AK Anchorage All Cmp	3,362	0	261	0	197	0	0	2,084	44	741	35
U of AK Fairbanks All Cmp	37,810	5,689	5,973	380	246	0	180	156	14,631	7,710	2,845
U of AK Southeast	141	0	0	0	0	0	0	0	0	100	41
U of AK System Higher Ed	434	434	0	0	0	0	0	0	0	0	0
Arizona, total	177,720	11,475	931	14,867	2,545	4,569	2,743	71,790	21,473	44,103	3,224
Arizona State U Main	35,497	913	85	3,383	199	936	29	9,542	2,515	17,489	406
Central Arizona College	98	98	0	0	0	0	0	0	0	0	0
Dine College	1,188	63	0	0	105	0	0	343	470	207	0
Maricopa CC Sys Off	3,196	0	0	0	0	0	0	0	0	3,196	0
Northern Arizona U	5,557	606	0	0	246	47	918	957	334	1,879	570
Prescott College	81	0	0	0	0	0	0	0	0	0	81
U & State Col AZ Sys Off	392	0	255	137	0	0	0	0	0	0	0
University of Arizona	131,711	9,795	591	11,347	1,995	3,586	1,796	60,948	18,154	21,332	2,167
Arkansas, total	61,062	26,606	201	2,443	3,757	118	807	20,613	577	4,676	1,264
Arkansas State U	347	109	75	0	0	50	75	0	0	0	38
Arkansas Tech University	112	12	0	0	0	0	0	0	100	0	0
Hendrix College	153	0	0	0	0	0	0	0	0	153	0
Lyon College	296	0	0	0	243	0	0	0	0	53	0
Ouachita Baptist U	218	0	0	0	218	0	0	0	0	0	0
Philander Smith College	94	0	0	0	0	0	0	94	0	0	0
Shorter Col (N Little Rk)	68	0	0	0	0	68	0	0	0	0	0
U of Arkansas Little Rock	16,700	12,956	126	231	575	0	0	581	327	904	1,000
U of Arkansas Main	16,898	8,975	0	2,212	2,455	0	193	248	150	2,461	204
U of Arkansas Med Sci	19,713	199	0	0	100	0	539	17,804	0	1,071	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Arkansas, continued:											
U of Arkansas Monticello	2	2	0	0	0	0	0	0	0	0	0
U of Arkansas Pine Bluff	6,158	4,353	0	0	0	0	0	1,783	0	0	22
U of Central Arkansas	303	0	0	0	166	0	0	103	0	34	0
California, total	2,119,395	41,243	16,772	224,154	22,618	79,226	16,530	1,143,601	174,059	382,152	19,040
Azusa Pacific University	79	0	0	0	0	0	0	79	0	0	0
CA Col of Podiatric Med	70	0	0	0	0	0	0	50	0	20	0
CA Inst of Technology	172,276	107	0	23,655	0	9,066	34	26,337	19,977	92,534	566
CA Lutheran University	246	0	0	0	246	0	0	0	0	0	0
CA Schl Prof Psych Ctrl	499	0	0	0	499	0	0	0	0	0	0
CA St Poly U Pomona	1,757	0	0	124	89	0	0	875	0	669	0
CA St Poly U San Luis	1,487	98	0	25	0	0	90	171	488	615	0
CA St U Bakersfield	142	90	0	0	0	0	0	39	0	13	0
CA St U Chico	830	25	110	0	345	0	0	0	266	84	0
CA St U Dominguez Hills	1,874	0	0	0	136	0	0	463	0	1,275	0
CA St U Fresno	1,217	80	0	0	477	0	0	144	358	158	0
CA St U Fullerton	3,458	6	0	1	325	70	0	1,043	97	1,916	0
CA St U Hayward	869	0	40	0	95	0	0	573	11	150	0
CA St U Long Beach	3,068	0	0	250	339	0	0	2,322	145	0	12
CA St U Los Angeles	6,826	90	0	189	332	0	0	2,656	2,044	1,515	0
CA St U Monterey Bay	1,429	0	0	0	0	0	0	0	0	1,429	0
CA St U Northridge	3,534	0	0	214	1,060	74	0	1,234	442	510	0
CA St U Sacramento	2,403	0	0	425	0	0	0	353	22	125	1,478
CA St U San Bernardino	320	0	0	0	198	0	0	27	0	95	0
CA St U San Marcos	242	0	0	82	0	0	0	130	0	30	0
CA St U Stanislaus	20	0	0	0	20	0	0	0	0	0	0
CA St U System Office	595	13	165	0	155	0	0	250	0	0	12
CA Western School of Law	25	0	0	0	0	0	0	0	25	0	0
Cabrillo College	100	0	0	0	0	0	0	0	0	100	0
Chabot College	7	0	0	0	0	0	0	0	0	7	0
Chapman University	185	0	0	0	0	0	0	154	0	31	0
Charles Drew U Med & Sci	4,872	0	0	298	0	0	0	4,574	0	0	0
Claremont Graduate U	149	12	0	0	0	10	0	127	0	0	0
Claremont McKenna College	158	0	0	0	0	0	0	108	50	0	0
College of San Mateo	81	0	0	0	0	0	0	0	81	0	0
Contra Costa College	355	0	0	325	0	0	0	0	0	30	0
D-Q University	241	53	0	128	0	0	0	0	60	0	0
East Los Angeles College	304	0	0	0	0	0	0	304	0	0	0
Foothill College	211	0	0	0	0	0	0	0	0	211	0
Foothill-DeAnza CC SO	1,005	0	0	0	0	0	0	0	1,005	0	0
Grossmont College	26	0	0	0	0	0	0	0	0	26	0
Hartnell College	70	0	0	70	0	0	0	0	0	0	0
Harvey Mudd College	1,563	0	0	0	290	0	0	216	0	962	95
Humboldt State University	1,390	308	0	40	95	572	0	0	12	14	349
John F Kennedy University	74	0	0	0	0	0	0	0	0	0	74
Kings River CC	49	0	0	0	0	0	0	0	0	49	0
LA Col of Chiropractic	301	0	0	0	0	0	0	301	0	0	0
LA Harbor College	56	0	0	0	0	0	0	56	0	0	0
LA Pierce College	20	0	0	0	0	0	0	0	0	20	0
La Sierra University	53	0	0	0	0	0	0	53	0	0	0
Loma Linda University	12,119	107	0	5,700	0	0	0	3,312	3,000	0	0
Loyola Marymount U	553	0	0	0	103	0	0	0	25	425	0
Mills College	1,039	0	0	0	0	0	0	0	0	1,039	0
Monterey Inst Intl Stud	2,500	0	0	2,500	0	0	0	0	0	0	0
Monterey Peninsula Col	1,532	0	0	0	293	0	0	0	0	1,239	0
Mount San Antonio College	117	0	0	72	0	0	0	0	0	45	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
California, continued:											
Mount St Marys Col LA CA	248	0	0	0	0	0	0	248	0	0	0
Natl Hispanic U(Oakland)	300	0	0	0	0	0	0	0	300	0	0
Natl Physical Sci Cnstrm	846	0	109	0	0	0	0	0	737	0	0
Occidental College	625	1	0	64	0	0	0	1	0	559	0
Pasadena City College	253	0	0	0	0	0	0	0	99	154	0
Pepperdine University	84	0	0	0	0	0	0	0	0	84	0
Pitzer College	414	0	0	0	0	0	0	204	0	210	0
Point Loma Nazarene Col	120	0	0	0	0	0	0	0	0	120	0
Pomona College	548	0	0	0	0	0	0	344	0	204	0
Porterville College	29	29	0	0	0	0	0	0	0	0	0
Rancho Santiago College	269	180	0	0	0	0	0	0	0	89	0
Rio Hondo College	50	0	0	0	0	0	50	0	0	0	0
Sam Merritt College	86	0	0	0	0	0	0	86	0	0	0
San Bernardino Valley Col	25	0	0	0	0	25	0	0	0	0	0
San Diego Miramar College	39	0	0	0	0	0	0	0	0	39	0
San Diego State U	25,627	0	358	2,720	3,040	372	2,625	11,409	731	3,912	460
San Fran CC Dist	224	0	0	0	0	0	0	0	0	24	200
San Fran State University	10,266	2	36	50	1,187	232	195	4,143	532	3,844	45
San Jose State University	12,021	0	831	826	1,410	130	0	822	4,572	2,731	699
Santa Clara University	550	0	0	0	107	0	0	0	112	331	0
Scripps College	651	21	0	0	0	0	0	0	0	630	0
Scripps Rsch Inst, The	103,387	0	0	1,783	0	480	0	98,705	676	1,743	0
Sonoma State University	791	0	0	0	257	0	0	59	47	428	0
Southwestern Col Chl Vsta	95	0	0	0	95	0	0	0	0	0	0
St Mary's College of CA	14	0	0	0	0	0	0	0	0	14	0
Stanford University	338,298	438	460	43,648	0	6,887	3,661	168,641	72,369	38,782	3,412
State Center CC Dist	110	0	110	0	0	0	0	0	0	0	0
U of CA Berkeley	180,268	19,924	102	19,549	900	4,779	952	63,913	20,048	47,899	2,202
U of CA Davis	110,764	12,913	0	5,181	650	4,948	4,201	59,724	1,754	17,465	3,928
U of CA Irvine	71,464	0	22	5,707	0	4,861	1,163	44,049	2,827	12,835	0
U of CA Los Angeles	233,783	273	139	16,588	3,448	14,613	1,401	161,572	9,152	26,239	358
U of CA Office of Pres	6,132	2,557	0	1,650	0	0	0	0	0	1,925	0
U of CA Riverside	24,293	2,893	0	997	0	1,749	731	6,496	4,991	5,900	536
U of CA San Diego	262,298	561	12,308	33,286	0	12,887	53	140,289	14,063	47,988	863
U of CA San Francisco	242,505	0	0	2,912	514	10,014	0	225,248	1,080	2,737	0
U of CA Santa Barbara	64,379	359	0	14,552	178	3,658	1,117	6,537	5,541	30,691	1,746
U of CA Santa Cruz	29,862	103	0	3,021	4,855	2,348	257	7,933	1,933	9,200	212
U of La Verne	20	0	0	0	0	0	0	0	0	20	0
U of Redlands	15	0	0	0	0	0	0	0	0	15	0
U of San Diego	263	0	0	0	0	0	0	84	0	179	0
U of San Francisco	848	0	0	0	634	0	0	24	52	138	0
U of Southern California	163,446	0	1,982	37,522	246	1,451	0	96,868	4,315	19,269	1,793
U of the Pacific	182	0	0	0	0	0	0	93	0	89	0
US International U	72	0	0	0	0	0	0	72	0	0	0
Ventura Co CC Sys Off	20	0	0	0	0	0	0	0	0	20	0
Victor Valley College	20	0	0	0	0	0	0	0	20	0	0
West Val Mission CC Dist	249	0	0	0	0	0	0	0	0	249	0
Westmont College	146	0	0	0	0	0	0	86	0	60	0
Colorado, total	318,604	14,877	19,631	17,491	4,297	9,402	6,510	142,111	46,664	51,310	6,311
Adams State College	100	1	0	99	0	0	0	0	0	0	0
Aims Community College	92	0	0	0	92	0	0	0	0	0	0
Colorado Christian U	10	0	0	0	0	0	0	0	0	10	0
Colorado College	40	0	0	0	0	0	0	0	17	23	0
Colorado School of Mines	7,143	220	0	1,262	0	654	595	271	1,098	2,867	176
Colorado State University	74,266	14,103	9,280	4,138	0	2,832	1,877	24,245	3,512	11,490	2,789
Fort Lewis College	162	0	0	0	0	0	0	0	0	62	100

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Colorado, continued:											
Front Range CC	175	0	0	0	175	0	0	0	0	0	0
Natl Technological U	74	0	0	0	0	0	0	0	0	74	0
Red Rocks CC	1	1	0	0	0	0	0	0	0	0	0
Regis University	124	0	0	0	0	0	0	124	0	0	0
Trinidad State Junior Col	373	90	0	0	283	0	0	0	0	0	0
U of Colorado	223,606	462	10,250	11,180	2,001	5,916	3,782	114,779	41,394	32,874	968
U of Denver	8,796	0	101	812	186	0	256	2,389	623	2,151	2,278
U of Northern Colorado	3,438	0	0	0	1,560	0	0	133	20	1,725	0
U of Southern Colorado	194	0	0	0	0	0	0	170	0	24	0
Western State Col of CO	10	0	0	0	0	0	0	0	0	10	0
Connecticut, total	283,873	8,472	2,628	10,979	946	10,448	1,407	224,561	1,995	22,240	197
Central Connecticut St U	51	0	0	0	0	0	0	26	0	25	0
Connecticut College	570	0	0	0	0	0	0	0	0	570	0
Fairfield University	225	0	0	0	0	90	0	35	0	62	38
Hartford Col for Women	5	5	0	0	0	0	0	0	0	0	0
Quinebaug Val Cmty Tech	46	0	0	0	0	0	0	0	0	46	0
Sacred Heart University	117	0	0	0	0	0	0	22	0	95	0
Southern Connecticut St U	186	0	0	0	125	0	0	61	0	0	0
St Joseph Col (W Hrtfrd)	24	0	0	0	0	0	0	24	0	0	0
Trinity Col (Hartford)	654	44	0	0	0	0	0	0	0	610	0
U of Connecticut	57,692	7,265	2,578	3,703	821	836	735	34,602	343	6,690	119
U of Hartford	280	0	0	0	0	0	0	0	190	90	0
U of New Haven	88	0	0	0	0	0	0	0	37	51	0
Wesleyan University	3,071	0	0	10	0	0	287	1,628	43	1,078	25
Yale University	220,864	1,158	50	7,266	0	9,522	385	188,163	1,382	12,923	15
Delaware, total	40,534	5,522	1,669	6,917	2,528	1,749	599	5,476	1,665	13,090	1,319
Delaware State University	3,601	1,864	152	120	0	0	0	405	0	1,060	0
Delaware Tech & CC	505	2	0	0	503	0	0	0	0	0	0
U of Delaware	36,366	3,656	1,517	6,797	2,025	1,749	599	5,009	1,665	12,030	1,319
Wilmington Col (N Cstl)	62	0	0	0	0	0	0	62	0	0	0
District of Columbia, total	150,781	1,683	893	18,389	4,619	3,761	929	84,954	10,383	10,716	14,454
American University	2,376	29	55	577	0	99	64	118	208	911	315
Catholic U of America	6,273	45	374	934	0	100	0	1,642	2,218	870	90
Cnsrtm Ocean Rsch & Ed	665	0	0	271	0	0	0	0	0	389	5
Gallaudet University	1,687	0	0	0	1,474	0	0	0	57	156	0
George Washington U	38,258	0	316	1,877	2,434	683	175	23,641	2,720	2,683	3,729
Georgetown University	67,052	0	0	10,943	244	0	0	44,784	292	703	10,086
Howard University	29,987	21	148	3,391	401	2,879	690	13,433	3,974	4,841	209
Southeastern University	20	0	0	0	0	0	0	0	0	20	0
Strayer University	2	2	0	0	0	0	0	0	0	0	0
Trinity College (DC)	21	2	0	0	0	0	0	0	0	19	0
University of DC	4,440	1,584	0	396	66	0	0	1,336	914	124	20
Florida, total	341,399	20,772	11,430	41,813	5,072	20,616	3,024	141,096	22,905	69,252	5,419
Barry University	255	0	0	0	0	0	0	255	0	0	0
Bethune Cookman College	2,318	0	12	200	184	0	0	591	1,331	0	0
Brevard Community College	1	0	0	1	0	0	0	0	0	0	0
Broward Community College	211	0	0	0	0	0	0	0	0	211	0
Daytona Beach CC	220	0	0	0	0	0	0	0	0	220	0
Eckerd College	116	0	0	0	0	0	0	0	19	0	97
Edward Waters College	200	0	0	0	0	0	0	0	200	0	0
Embry Riddle Aeronautcl U	785	0	0	75	246	0	0	0	69	150	245
Florida A&M University	21,546	3,897	100	1,824	226	2,196	0	4,506	4,021	4,776	0
Florida Atlantic U	9,488	0	18	5,824	113	0	15	1,389	692	1,406	31
Florida CC Jacksonville	69	0	0	0	0	0	0	0	0	69	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Florida, continued:											
Florida Gulf Coast U	80	0	0	0	0	0	0	0	0	80	0
Florida Inst of Tech	1,616	0	0	377	0	0	0	384	301	545	9
Florida International U	12,726	0	108	1,451	84	5,380	0	1,392	1,564	2,221	526
Florida Memorial College	260	0	0	0	22	0	0	0	180	58	0
Florida State University	46,463	142	862	2,785	200	7,892	92	5,957	2,426	25,751	356
Indian River CC	363	0	0	0	0	0	0	0	0	363	0
Jacksonville University	29	0	0	0	0	0	0	0	0	29	0
Miami-Dade CC	518	90	0	0	0	0	0	0	0	428	0
Nova Southeastern U	1,866	0	115	79	144	0	0	1,179	0	349	0
Palm Beach CC	32	0	0	0	0	0	0	0	0	32	0
Rollins College	40	0	0	0	0	40	0	0	0	0	0
St Leo College	43	0	0	0	0	0	0	43	0	0	0
State U System FL Sys Off	2,334	0	2,334	0	0	0	0	0	0	0	0
Stetson University	89	0	0	0	0	0	0	0	0	89	0
University of Central FL	13,177	0	0	8,552	153	654	110	237	1,339	1,809	323
University of Florida	106,288	16,638	491	7,508	599	3,461	1,760	51,713	4,788	17,460	1,870
University of Miami	91,890	0	6,810	6,747	124	820	491	62,308	4,102	10,147	341
University of North FL	733	0	0	0	0	0	0	663	0	70	0
University of South FL	26,046	5	580	5,426	2,977	173	556	10,237	1,810	2,675	1,607
University of Tampa	24	0	0	0	0	0	0	24	0	0	0
University of West FL	1,330	0	0	964	0	0	0	0	38	314	14
Valencia CC	243	0	0	0	0	0	0	218	25	0	0
Georgia, total	345,310	29,929	4,335	67,274	3,097	10,831	3,879	169,101	16,070	38,479	2,315
Agnes Scott College	5	0	0	0	0	0	0	0	0	5	0
Albany State University	213	0	0	0	0	0	0	107	106	0	0
Armstrong Atlantic St U	40	0	0	0	0	0	0	0	0	40	0
Atlanta Metropolitan Col	52	0	0	0	0	0	0	0	0	52	0
Berry College	21	0	0	0	0	0	0	0	0	21	0
Brenau University	1	1	0	0	0	0	0	0	0	0	0
Clark Atlanta University	14,055	85	100	3,411	801	1,057	21	3,726	2,360	2,494	0
Emory University	100,832	0	0	1,119	0	709	360	94,261	42	4,191	150
Fort Valley State U	4,546	4,140	0	71	0	210	0	0	0	125	0
Georgia Inst of Tech	89,504	160	4,098	53,129	62	1,304	1,958	2,751	6,232	19,376	434
Georgia Southern U	1,615	0	4	202	0	0	0	336	3	1,070	0
Georgia Southwestern St U	145	0	0	0	0	50	0	0	60	35	0
Georgia State University	10,247	19	0	0	0	0	0	7,009	379	2,766	74
Inst Paper Sci & Tech	2,647	111	0	0	0	2,536	0	0	0	0	0
Kennesaw State University	245	0	0	0	0	0	0	165	0	80	0
Medical Col of Georgia	15,029	0	0	0	0	0	0	14,927	0	102	0
Mercer U	7,952	0	0	7,110	0	0	0	742	0	100	0
Morehouse College	2,923	0	0	292	317	200	0	1,155	959	0	0
Morehouse School of Med	27,565	0	0	779	0	0	0	25,817	969	0	0
Morris Brown College	930	0	0	252	350	0	0	328	0	0	0
North GA Col & State U	38	0	0	0	0	38	0	0	0	0	0
Paine College	32	0	0	0	0	0	0	32	0	0	0
Savannah State University	221	0	0	0	0	0	0	140	0	81	0
Spelman College	8,604	0	0	0	0	309	22	3,805	4,413	55	0
State U of West Georgia	541	0	0	0	0	0	0	414	0	127	0
Thomas Col (Thomsvl)	70	0	0	0	70	0	0	0	0	0	0
University Sys of Georgia	20	20	0	0	0	0	0	0	0	0	0
University of Georgia	56,303	25,393	133	909	1,171	4,418	1,518	13,301	391	7,412	1,657
Valdosta State University	860	0	0	0	326	0	0	58	156	320	0
Wesleyan College (Macon)	54	0	0	0	0	0	0	27	0	27	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Hawaii, total	77,874	12,778	9,145	8,816	1,054	2,814	168	17,018	7,667	17,821	593
Chaminade U of Honolulu	82	0	0	0	0	0	0	82	0	0	0
Leeward Community College	246	0	0	0	246	0	0	0	0	0	0
U of Hawaii Hilo	246	0	0	0	246	0	0	0	0	0	0
U of Hawaii Manoa	67,874	12,535	4,979	8,745	562	825	28	16,936	5,443	17,821	0
U of Hawaii System Office	9,426	243	4,166	71	0	1,989	140	0	2,224	0	593
Idaho, total	26,908	12,800	1,556	1,244	582	2,529	389	1,219	554	2,469	3,566
Boise State University	1,977	3	566	500	0	0	100	0	42	88	678
Idaho State University	550	0	0	0	336	0	0	147	0	33	34
North Idaho College	990	0	990	0	0	0	0	0	0	0	0
University of Idaho	23,391	12,797	0	744	246	2,529	289	1,072	512	2,348	2,854
Illinois, total	543,930	29,970	5,189	43,569	8,708	23,134	3,678	278,605	12,848	132,108	6,121
Augustana Col (Rock Isld)	135	0	0	0	0	0	0	0	0	135	0
Bradley University	3,775	0	3,076	0	0	0	0	694	0	5	0
Chicago State University	2,716	0	0	289	0	0	0	1,250	0	1,177	0
City Col Chicago	154	0	0	0	0	0	0	0	0	154	0
College of Du Page	123	0	0	0	0	0	0	0	0	123	0
Columbia Col (Chicago)	406	0	0	0	0	0	0	0	0	406	0
De Paul University	5,972	4,428	0	0	0	0	0	1,429	0	115	0
East West University	246	0	0	0	246	0	0	0	0	0	0
Eastern Illinois U	535	0	0	0	0	0	0	0	0	535	0
Finch U Hlth Sci/Chic Med	4,846	0	0	15	0	0	0	4,792	0	39	0
Governors State U	36	0	0	0	0	0	0	36	0	0	0
Illinois Inst of Tech	9,361	207	0	3,049	398	790	0	4,029	58	830	0
Illinois State University	3,081	113	0	250	85	0	0	421	40	2,172	0
Joliet Junior College	246	0	0	0	0	0	0	0	0	246	0
Knox College	277	0	0	0	0	0	0	193	0	84	0
Lake Forest College	15	0	0	0	0	0	0	0	0	9	6
Lewis University	26	0	0	0	0	0	0	26	0	0	0
Loyola U of Chicago	15,540	140	0	212	0	0	0	14,241	0	947	0
Mennonite Col of Nursing	27	0	0	0	0	0	0	27	0	0	0
Midwestern University	1,025	0	0	0	0	0	0	1,025	0	0	0
Millikin University	271	0	0	0	0	0	0	0	0	271	0
Monmouth Col (Monmth)	46	0	0	0	0	0	0	0	0	46	0
National Col Chiropractic	66	0	0	0	0	0	0	66	0	0	0
Northeastern Illinois U	94	0	0	0	94	0	0	0	0	0	0
Northern Illinois U	5,166	30	0	506	1,381	0	0	1,306	0	1,943	0
Northwestern University	119,107	2,050	0	9,997	1,073	4,381	380	70,487	2,375	25,124	3,240
Oakton Community College	40	0	0	0	0	0	0	0	0	40	0
Quincy University	7	0	0	0	0	0	0	0	0	7	0
Roosevelt University	150	0	0	0	0	0	0	0	0	150	0
Rush University	895	0	0	0	0	0	0	895	0	0	0
Southern IL U	476	123	0	0	0	98	0	0	0	0	255
Southern IL U Carbondale	6,744	708	0	60	218	500	40	3,753	20	1,445	0
Southern IL U Edwardsvlle	509	0	0	201	0	0	0	69	0	239	0
St Xavier University	35	0	0	0	0	0	0	35	0	0	0
U of IL Central Office	10,714	73	590	34	100	9,716	201	0	0	0	0
U of IL Chicago	65,237	185	235	2,141	3,026	994	70	48,058	498	9,930	100
U of IL Springfield	4	0	0	0	0	0	0	0	0	4	0
U of IL Urbana-Champaign	153,014	21,913	1,031	24,903	1,334	3,047	2,856	31,729	5,303	59,327	1,571
University of Chicago	132,168	0	157	1,912	393	3,608	131	94,044	4,537	26,437	949
Waubonsee CC	10	0	0	0	0	0	0	0	0	10	0
Western Illinois U	635	0	100	0	360	0	0	0	17	158	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Indiana, total	234,806	25,741	1,806	16,448	1,026	28,435	1,906	100,808	3,491	52,994	2,151
Ball State University	772	0	0	32	0	0	0	251	0	485	4
De Pauw University	104	0	0	0	0	0	0	0	0	104	0
Earlham College	19	0	0	0	0	0	0	0	0	19	0
Goshen College	34	0	0	0	0	0	0	0	0	34	0
Indiana State U All Camp	1,880	0	0	0	0	0	0	90	250	1,508	32
Indiana U	106,871	225	210	1,028	827	6,788	734	76,018	694	19,984	363
Indiana Wesleyan U	48	0	0	0	0	0	0	48	0	0	0
Manchester College	25	0	0	0	0	0	0	0	25	0	0
Martin Center College	75	0	0	75	0	0	0	0	0	0	0
Natl Cnsrtm Grad Eng Min	206	0	0	0	0	0	0	0	40	166	0
Purdue University	96,044	25,152	1,492	12,916	199	9,535	1,172	19,820	1,994	22,152	1,612
Rose-Hulman Inst of Tech	6,851	0	0	0	0	6,709	0	0	0	142	0
St Mary of the Woods Col	80	0	0	0	0	0	0	80	0	0	0
University of Evansville	19	0	0	0	0	0	0	19	0	0	0
University of Indianapols	100	0	0	0	0	0	0	0	0	0	100
University of Notre Dame	21,468	364	104	2,397	0	5,245	0	4,445	473	8,400	40
Valparaiso University	210	0	0	0	0	158	0	37	15	0	0
Iowa, total	173,123	28,844	2,850	6,928	1,036	5,174	3,367	98,953	6,478	16,090	3,403
Clarke Col (Dubuque)	7	0	0	0	0	0	0	0	0	7	0
Coe College	75	0	0	0	0	0	0	0	0	75	0
Divine Word College	20	0	0	0	0	0	0	0	0	20	0
Drake University	651	6	0	0	480	0	0	89	15	61	0
Eastern Iowa CC	50	0	0	0	0	0	50	0	0	0	0
Graceland College	53	0	0	0	0	0	0	22	0	31	0
Grinnell College	42	0	0	0	0	0	0	0	0	42	0
Hawkeye Community College	300	0	0	0	0	0	0	0	0	300	0
Iowa Lakes CC	51	0	0	0	0	0	0	0	0	51	0
Iowa State University	59,441	27,957	2,770	1,437	81	3,344	2,558	8,595	1,444	8,135	3,120
Kirkwood CC	300	0	0	0	0	0	0	300	0	0	0
Loras College	64	0	0	0	0	0	0	0	0	64	0
Maharishi U of Mgmt	744	0	0	0	0	0	0	744	0	0	0
Northeast Iowa CC	291	291	0	0	0	0	0	0	0	0	0
Palmer Col Chiropractic	500	0	0	0	0	0	0	500	0	0	0
Simpson Col (Indianola)	20	0	0	0	0	0	0	0	0	20	0
St Ambrose University	23	0	0	0	0	0	0	0	0	23	0
University of Iowa	108,486	525	80	4,841	229	1,830	146	88,606	4,942	7,004	283
University of N Iowa	1,978	65	0	650	246	0	613	97	77	230	0
Wartburg College	27	0	0	0	0	0	0	0	0	27	0
Kansas, total	85,158	13,835	708	3,642	6,514	5,210	3,097	32,156	3,111	16,133	752
Bethel Col (N Newton)	12	0	0	0	0	0	0	0	0	12	0
Butler County CC	16	0	0	0	0	0	0	0	0	16	0
Emporia State University	125	0	0	0	105	0	0	0	0	0	20
Fort Hays State U	48	0	0	0	0	0	0	48	0	0	0
Garden City CC	20	0	0	0	0	0	0	0	20	0	0
Haskell Indian Nations U	248	67	0	0	0	0	178	0	0	3	0
Independence CC	455	0	0	0	0	0	0	0	0	455	0
Kansas Newman College	307	0	0	0	0	0	0	0	0	307	0
Kansas State University	31,040	13,643	0	930	218	3,807	2,135	3,428	652	5,528	699
Pittsburg St U (Pittsbrg)	175	0	0	0	0	0	0	10	0	165	0
Southwestern Col (Winfld)	187	0	0	0	0	0	0	0	0	187	0
University of Kansas	49,827	125	246	2,712	5,945	1,288	784	28,270	1,435	8,989	33
Westrn KS Cmty Svc Cnsrtm	462	0	462	0	0	0	0	0	0	0	0
Wichita State University	2,236	0	0	0	246	115	0	400	1,004	471	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Kentucky, total	92,458	24,910	140	1,405	1,816	4,264	899	46,689	1,723	10,194	418
Bellarmine College	31	0	0	0	0	0	0	0	0	31	0
Centre College	64	0	0	0	0	0	0	0	0	64	0
Kentucky State University	5,132	5,088	0	0	44	0	0	0	0	0	0
Kentucky Wesleyan College	19	0	0	0	0	0	0	0	0	19	0
Morehead State University	266	0	0	0	164	0	0	102	0	0	0
Murray State University	63	0	0	0	0	0	0	63	0	0	0
Northern Kentucky U	189	0	0	0	0	0	0	158	0	31	0
Spalding University	43	0	0	0	0	0	0	43	0	0	0
U of Kentucky All Cmp	75,649	19,812	0	1,220	1,357	4,085	899	37,929	779	9,249	319
U of Louisville	9,422	0	0	185	0	179	0	8,381	170	495	12
Western Kentucky U	1,580	10	140	0	251	0	0	13	774	305	87
Louisiana, total	157,174	17,902	2,759	22,423	1,505	17,945	6,952	60,802	6,175	17,715	2,996
Dillard University	103	103	0	0	0	0	0	0	0	0	0
Grambling State U	2,267	0	0	549	150	0	20	632	200	716	0
LA St U All Campuses	81,845	14,024	2,565	15,342	448	1,548	4,931	28,760	2,405	9,261	2,561
LA St U System Office	198	148	0	50	0	0	0	0	0	0	0
LA U Marine Consortium	202	0	0	196	0	0	0	0	0	0	6
Louisiana Tech University	1,285	219	0	667	0	0	0	0	44	355	0
Loyola U New Orleans	128	0	0	0	0	0	0	85	0	5	38
McNeese State University	1,303	0	0	0	0	0	1,221	0	46	36	0
Nicholls State University	46	0	0	0	0	0	0	0	0	46	0
Northeast Louisiana U	915	0	0	0	0	0	439	251	30	195	0
Northwestern St U (Natch)	47	0	0	0	0	0	0	47	0	0	0
Southeastern Louisiana U	549	0	0	0	293	20	0	12	89	65	70
Southern U A&M All Cmp	8,815	3,043	12	648	391	499	216	1,248	2,069	689	0
Tulane University	44,269	265	107	4,446	122	9,496	125	27,237	412	1,859	200
U of Southwstrn Louisiana	8,950	93	0	0	0	6,195	0	1,588	200	753	121
Xavier U of Louisiana	6,252	7	75	525	101	187	0	942	680	3,735	0
Maine, total	20,944	7,415	2,979	2,032	340	107	714	2,026	449	4,490	392
Bates College	423	0	0	0	0	0	0	95	0	328	0
Bowdoin College	280	0	0	0	0	0	0	0	0	280	0
Colby College	275	0	0	0	0	0	0	25	0	250	0
College of the Atlantic	18	0	0	0	0	0	0	0	0	0	18
Husson College	23	0	0	0	0	0	0	23	0	0	0
U of Maine	17,857	7,242	2,880	2,029	246	107	714	614	430	3,221	374
U of Maine Bangor	11	11	0	0	0	0	0	0	0	0	0
U of Maine Farmington	16	0	0	0	0	0	0	0	0	16	0
U of Maine Fort Kent	2	2	0	0	0	0	0	0	0	0	0
U of New England	367	0	0	0	0	0	0	321	19	27	0
U of Southern Maine	1,672	160	99	3	94	0	0	948	0	368	0
Maryland, total	932,064	15,561	13,528	342,846	3,258	11,915	9,119	387,068	84,246	53,062	11,461
Bowie State University	2,584	0	0	0	0	0	0	0	2,584	0	0
Capitol College	202	0	0	0	0	0	0	0	182	20	0
Charles County CC	14	0	0	0	0	0	0	0	14	0	0
Col of Notre Dame of MD	192	0	0	0	0	0	0	0	0	192	0
Coppin State College	325	0	0	0	273	0	0	0	37	0	15
Essex Community College	43	0	0	0	0	0	0	0	0	43	0
Frederick CC	21	0	0	0	0	0	0	0	0	18	3
Frostburg State U	1,251	50	0	0	251	0	0	0	0	950	0
Goucher College	261	0	0	0	0	0	0	0	0	261	0
Hood College	208	0	0	100	0	0	0	0	0	104	4
Johns Hopkins University	703,890	566	429	322,826	156	3,973	4,301	301,619	49,866	15,668	4,486

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Maryland, continued:											
Loyola College	4,137	0	0	180	0	0	0	0	0	857	3,100
Montgomery Col All Cmp	4	0	4	0	0	0	0	0	0	0	0
Morgan State University	6,189	0	99	840	0	87	150	1,779	2,034	200	1,000
Mount St Marys Col & Sem	9	0	0	0	0	0	0	0	0	9	0
Prince Georges CC	311	52	0	81	0	0	0	0	0	178	0
Salisbury State U	45	0	0	0	0	0	0	27	0	18	0
St Mary's Col of MD	51	51	0	0	0	0	0	0	0	0	0
Towson University	336	0	0	0	0	0	0	0	0	336	0
U Sys of MD Headquarters	4,050	0	35	1,757	2,155	0	0	103	0	0	0
U of Baltimore	331	0	0	331	0	0	0	0	0	0	0
U of MD Baltimore	73,372	2	170	1,258	0	206	168	69,808	609	915	236
U of MD Baltimore County	10,995	0	0	978	246	0	0	3,337	2,882	3,552	0
U of MD Biotech Inst	6,411	0	5,032	0	0	0	0	0	0	1,379	0
U of MD College Park	103,122	12,103	5,005	13,424	0	7,416	1,043	10,271	25,309	26,181	2,370
U of MD Ctr for Env Sci	6,076	0	108	0	0	33	3,457	0	662	1,716	100
U of MD Eastern Shore	5,911	2,722	2,646	0	63	200	0	124	52	22	82
U of MD University Col	1,265	15	0	1,071	114	0	0	0	0	0	65
Washington College	83	0	0	0	0	0	0	0	0	83	0
Western Maryland College	375	0	0	0	0	0	0	0	15	360	0
Massachusetts, total	887,147	9,726	7,890	100,754	2,463	80,820	8,608	456,071	52,493	162,648	5,674
Amherst College	910	0	0	0	0	0	0	298	0	612	0
Assumption College	110	0	0	0	110	0	0	0	0	0	0
Bentley College	8	0	0	0	0	0	8	0	0	0	0
Boston College	8,722	0	0	3,124	304	302	440	2,912	271	1,319	50
Boston University	103,395	53	218	6,912	204	2,666	733	76,505	4,805	11,199	100
Bradford College	20	0	0	0	0	0	0	0	0	20	0
Brandeis University	27,531	0	0	803	0	1,122	0	21,793	487	3,326	0
Bridgewater State College	250	0	0	0	0	0	0	0	0	0	250
Cape Cod CC	42	0	0	0	0	0	0	0	0	42	0
Clark University	3,020	0	0	92	0	290	346	714	413	1,165	0
Col of Our Lady of Elms	103	0	0	0	0	0	0	0	0	103	0
Col of the Holy Cross	217	0	0	0	0	0	0	111	0	106	0
Emerson College	110	0	0	0	110	0	0	0	0	0	0
Five Colleges Inc	36	0	0	0	0	0	0	0	24	12	0
Greenfield CC	48	0	0	0	0	0	0	0	0	48	0
Hampshire College	1,710	0	0	0	0	0	0	145	0	1,565	0
Harvard University	241,993	428	311	9,250	0	5,827	1,915	185,092	8,607	28,205	2,358
Holyoke Community College	222	0	0	0	222	0	0	0	0	0	0
MA Bay Community College	60	0	0	0	0	0	0	0	0	60	0
MA Inst of Technology	250,893	20	2,545	43,515	0	65,546	2,580	61,325	34,289	39,155	1,918
MGH Inst Hlth Professions	104	0	0	0	104	0	0	0	0	0	0
Mount Holyoke College	637	0	0	0	0	66	0	198	118	255	0
New Eng Col of Optometry	1,190	0	0	0	0	0	0	1,190	0	0	0
Northeastern University	16,416	0	0	3,134	113	720	0	4,246	529	7,674	0
Radcliffe College	607	0	0	421	0	0	0	186	0	0	0
Regis Col (Weston)	21	0	0	0	0	0	0	21	0	0	0
Simmons College	1,152	0	0	0	218	0	0	745	0	189	0
Simons Rock Col of Bard	65	0	0	0	0	0	0	0	0	65	0
Smith College	761	0	0	3	106	0	0	530	0	122	0
Springfield Col (Sprgfld)	92	0	0	0	92	0	0	0	0	0	0
Springfield Tech CC	1,485	0	0	0	228	0	0	0	0	1,257	0
Stonehill College	542	50	0	0	0	0	0	0	0	492	0
Suffolk University	18	0	0	0	0	0	0	0	0	18	0
Tufts University	46,724	204	515	2,000	0	1,293	1,237	37,066	569	3,622	218
U of MA Amherst	47,891	7,976	463	10,160	72	1,766	596	8,145	837	17,773	103

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Massachusetts, continued:											
U of MA Boston	3,617	0	158	316	313	293	196	1,315	0	981	45
U of MA Central Office	876	203	0	0	267	0	0	22	0	0	384
U of MA Dartmouth	2,661	757	29	100	0	0	0	102	250	1,423	0
U of MA Lowell	4,876	0	98	1,917	0	430	462	1,361	0	536	72
U of MA Worcester	52,878	0	0	651	0	0	0	50,663	477	1,087	0
Wellesley College	1,305	0	0	0	0	0	0	908	0	397	0
Wentworth Inst of Tech	1,078	0	0	1,028	0	0	0	0	0	50	0
Wheaton Col (Norton)	26	0	0	0	0	0	0	0	0	26	0
Wheelock College	533	0	0	0	0	0	0	0	0	533	0
Williams College	1,577	0	0	0	0	0	0	267	0	1,310	0
Woods Hole Ocean Inst	57,106	0	3,513	16,633	0	330	0	110	733	35,787	0
Worcester Polytech Inst	3,509	35	40	695	0	169	95	101	84	2,114	176
Michigan, total	475,484	25,978	6,204	28,821	3,074	15,292	7,932	272,230	15,364	95,297	5,292
Albion College	205	0	0	0	0	0	0	0	0	205	0
Alma College	84	0	0	0	0	0	0	84	0	0	0
Andrews University	100	0	0	0	0	0	0	0	0	100	0
Bay Mills CC	53	53	0	0	0	0	0	0	0	0	0
Calvin College	191	0	0	0	0	0	0	150	0	41	0
Central Michigan U	126	2	0	0	0	0	0	0	0	124	0
Cnsrtm Intl Erth Sci Info	3,607	0	0	0	0	0	123	0	3,484	0	0
Cranbrook Acad of Art	246	0	0	0	246	0	0	0	0	0	0
Eastern Michigan U	477	0	0	0	0	0	0	160	0	317	0
Gogebic Community College	20	0	0	0	0	0	0	0	0	20	0
Grand Valley State U	388	0	0	0	246	0	0	30	0	112	0
Henry Ford CC	797	0	0	0	0	0	0	0	0	797	0
Hope College	1,073	0	0	0	0	0	0	233	0	840	0
Kalamazoo College	35	0	0	0	0	0	0	0	0	35	0
Kettering University	237	0	0	0	0	0	0	0	90	147	0
Lake Superior State U	56	0	0	0	0	0	0	0	0	56	0
Lawrence Technological U	27	0	0	0	0	0	0	0	0	27	0
Michigan State University	85,312	23,719	100	2,152	125	4,002	218	21,096	659	32,578	663
Michigan Tech University	11,282	1,055	155	2,411	0	833	2,626	79	366	3,461	296
Northern Michigan U	348	26	0	0	246	0	0	29	0	47	0
Northwestern Michigan Col	13	13	0	0	0	0	0	0	0	0	0
Oakland University	3,687	0	0	258	0	0	0	2,844	0	585	0
Saginaw Valley State U	636	0	636	0	0	0	0	0	0	0	0
Spring Arbor College	2	2	0	0	0	0	0	0	0	0	0
U of Detroit Mercy	353	0	0	0	0	0	180	36	0	137	0
U of Michigan	293,959	956	5,244	20,899	749	8,850	4,480	195,596	10,583	42,325	4,277
Wayne State University	66,419	152	0	2,932	639	950	106	51,187	162	10,241	50
Western Michigan U	5,751	0	69	169	823	657	199	706	20	3,102	6
Minnesota, total	256,451	22,519	1,244	37,092	2,380	6,264	2,771	137,032	3,431	40,432	3,286
Augsburg College	803	0	0	110	0	0	0	0	10	683	0
Bemidji State University	20	0	0	0	0	0	0	0	0	20	0
Bethel Col&Sem (St Paul)	30	30	0	0	0	0	0	0	0	0	0
Carleton College	133	0	0	0	0	0	0	0	0	133	0
Century Cmty & Tech Col	252	0	0	0	252	0	0	0	0	0	0
College of St Scholastica	333	0	0	0	218	0	0	27	0	88	0
College of Visual Arts	20	0	0	0	0	0	0	0	0	20	0
Fond du Lac Tribal & CC	330	107	0	0	0	0	0	0	0	223	0
Gustavus Adolphus College	408	0	0	0	0	0	0	0	0	408	0
Hamline University	100	0	0	0	0	0	0	0	0	100	0
Leech Lake Tribal College	52	52	0	0	0	0	0	0	0	0	0
Macalester College	256	0	0	0	0	0	0	80	0	176	0
Minnesota St Cols & U	1,500	0	1,054	0	0	0	0	0	0	446	0
Minnesota State U-Mankato	363	0	0	0	110	0	0	207	40	6	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Minnesota, continued:											
Moorhead State University	317	42	0	0	0	0	0	213	30	32	0
Ridgewater College	11	0	0	0	0	0	0	0	0	11	0
St Cloud State University	448	0	100	0	0	0	0	0	141	207	0
St John's U (Collegevl)	29	0	0	0	0	0	0	0	0	29	0
St Mary's U of Minnesota	116	0	0	0	0	0	0	76	0	40	0
St Olaf College	1,082	0	0	0	0	0	0	135	0	947	0
St Paul Tech College	95	0	0	0	95	0	0	0	0	0	0
U of Minnesota	249,650	22,288	90	36,982	1,705	6,264	2,771	136,240	3,210	36,814	3,286
U of St Thomas (St Paul)	49	0	0	0	0	0	0	0	0	49	0
Winona State University	54	0	0	0	0	0	0	54	0	0	0
Mississippi, total	76,855	30,086	4,296	5,110	1,550	5,558	743	15,078	3,908	8,654	1,872
Alcorn State University	4,847	4,102	0	0	34	0	0	711	0	0	0
Delta State University	28	28	0	0	0	0	0	0	0	0	0
Hinds CC Raymond	1	1	0	0	0	0	0	0	0	0	0
Itawamba CC	2	2	0	0	0	0	0	0	0	0	0
Jackson State University	3,866	4	12	439	200	160	0	2,131	694	201	25
Jones County Junior Col	410	0	0	0	0	0	0	0	0	410	0
Millsaps College	83	0	0	0	0	0	0	83	0	0	0
Mississippi AL Sea Grant	1,800	0	1,800	0	0	0	0	0	0	0	0
Mississippi College	217	0	0	0	0	0	0	0	0	217	0
Mississippi Gulf Coast CC	4	0	0	4	0	0	0	0	0	0	0
Mississippi Rsch Cnstrm	1,899	0	0	0	0	0	0	0	1,899	0	0
Mississippi State U	39,315	22,682	102	2,423	1,191	4,708	680	759	693	4,286	1,791
Mississippi U for Women	42	0	0	0	0	0	0	42	0	0	0
Mississippi Valley St U	930	565	90	0	0	0	0	0	190	85	0
Rust College	246	0	0	100	0	0	0	146	0	0	0
Tougaloo College	680	0	0	0	0	0	0	680	0	0	0
U of Mississippi	16,646	1,921	48	840	0	640	0	10,092	313	2,792	0
U of Southern Mississippi	5,839	781	2,244	1,304	125	50	63	434	119	663	56
Missouri, total	309,332	26,285	910	9,465	3,067	3,177	545	231,330	5,688	27,617	1,248
Central Missouri St U	90	0	0	0	0	0	0	0	0	90	0
Columbia Col (Columbia)	60	0	0	0	0	0	0	0	0	60	0
Crowder College	218	0	0	0	218	0	0	0	0	0	0
Harris Stowe State Col	70	0	0	0	0	0	0	0	0	70	0
Kirksville Col Osteo Med	614	0	0	0	0	0	0	614	0	0	0
Lincoln U (Jeffersn City)	5,069	4,720	0	0	0	0	0	349	0	0	0
Missouri Western St Col	34	0	0	6	0	0	0	0	0	28	0
Northwest Missouri St U	263	0	0	0	263	0	0	0	0	0	0
Park College	2	2	0	0	0	0	0	0	0	0	0
Rockhurst College	150	0	0	0	0	0	0	0	0	150	0
Southeast Missouri St U	238	0	0	0	99	0	0	31	27	81	0
Southwest Missouri St U	629	0	0	181	0	0	0	0	0	448	0
St Louis CC All Cmp	62	0	0	0	0	0	0	0	0	62	0
St Louis University	19,892	0	0	255	216	0	0	18,849	122	420	30
Truman State University	188	62	0	0	0	0	0	0	0	126	0
U of Missouri Columbia	57,999	19,876	895	1,401	1,148	1,244	190	20,963	850	10,682	750
U of Missouri Kansas City	5,994	0	0	326	0	148	0	4,770	188	546	16
U of Missouri Rolla	5,667	0	0	1,890	0	225	155	267	582	2,548	0
U of Missouri St Louis	3,941	110	0	512	0	0	0	1,976	92	1,132	119
U of Missouri Sys Admin	1,561	230	0	0	1,123	0	0	148	0	0	60
Washington University	206,197	1,285	15	4,894	0	1,560	200	183,363	3,827	10,780	273
Webster University	279	0	0	0	0	0	0	0	0	279	0
William Jewell College	83	0	0	0	0	0	0	0	0	83	0
William Woods University	32	0	0	0	0	0	0	0	0	32	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Montana, total	43,665	10,984	2,041	1,357	1,930	935	1,012	6,003	4,275	12,346	2,782
Blackfeet CC	106	54	0	0	52	0	0	0	0	0	0
Carroll College (Helena)	9	9	0	0	0	0	0	0	0	0	0
Dull Knife Memorial Col	52	52	0	0	0	0	0	0	0	0	0
Fort Belknap College	1,463	53	0	0	0	0	0	0	100	0	1,310
Fort Peck CC	378	54	0	74	250	0	0	0	0	0	0
Little Big Horn College	78	53	0	0	25	0	0	0	0	0	0
Montana State U Billings	7,866	189	0	0	104	0	0	0	0	7,553	20
Montana State U Bozeman	20,356	8,911	2,026	934	133	0	985	4,153	2,574	0	640
Montana State U Northern	233	0	15	0	218	0	0	0	0	0	0
Montana Tech of U of MT	107	2	0	0	0	0	0	0	15	82	8
Montana U Sys-Sys Off	1,460	10	0	0	0	0	0	0	0	1,450	0
Rocky Mountain College	27	0	0	0	0	0	0	0	27	0	0
Salish Kootenai College	1,849	66	0	0	101	0	0	282	400	1,000	0
Stone Child College	295	271	0	0	24	0	0	0	0	0	0
U of Montana, The	9,341	1,260	0	349	1,023	935	27	1,568	1,159	2,216	804
Western Montana College	45	0	0	0	0	0	0	0	0	45	0
Nebraska, total	65,913	17,159	463	2,294	585	861	0	25,050	2,284	12,782	4,435
Creighton University	4,289	50	75	405	235	131	0	3,109	91	193	0
Nebraska Indian CC	53	53	0	0	0	0	0	0	0	0	0
Peru State College	177	0	0	0	0	0	0	0	0	177	0
U of Nebraska Ctrl Admin	904	219	0	0	225	460	0	0	0	0	0
U of Nebraska Kearney	93	0	0	0	0	0	0	0	69	24	0
U of Nebraska Lincoln	39,612	16,837	388	1,164	0	0	0	3,538	1,904	11,564	4,217
U of Nebraska Med Ctr	17,585	0	0	592	125	0	0	16,357	0	511	0
U of Nebraska Omaha	1,430	0	0	133	0	270	0	283	220	306	218
Wayne State College	7	0	0	0	0	0	0	0	0	7	0
York College (York NE)	1,763	0	0	0	0	0	0	1,763	0	0	0
Nevada, total	27,944	3,423	1,048	256	112	3,319	1,338	8,333	850	8,186	1,079
Community Col S Nevada	168	0	0	168	0	0	0	0	0	0	0
Desert Research Institute	4,381	21	0	85	0	1,681	0	0	460	2,134	0
U & CC Sys of NV SO	2,248	0	0	3	0	0	607	0	0	1,500	138
U of Nevada Las Vegas	4,037	0	0	0	0	1,204	215	244	191	1,850	333
U of Nevada Reno	17,110	3,402	1,048	0	112	434	516	8,089	199	2,702	608
New Hampshire, total	77,862	4,378	4,974	2,822	499	1,521	1,287	39,687	8,452	12,014	2,228
Daniel Webster College	12	0	0	0	0	0	0	0	12	0	0
Dartmouth College	48,462	302	0	2,605	499	995	136	36,562	1,649	5,714	0
NH Cmty Tech Berlin/Lac	601	0	601	0	0	0	0	0	0	0	0
Rivier College	37	0	0	0	0	0	0	37	0	0	0
St Anselm College	65	0	0	0	0	0	0	0	0	65	0
U System of NH Sys Off	4,491	0	4,274	217	0	0	0	0	0	0	0
U of NH Durham	23,964	4,076	99	0	0	526	1,151	3,088	6,791	6,013	2,220
U of NH Keene St Col	184	0	0	0	0	0	0	0	0	184	0
U of NH Plymouth St Col	18	0	0	0	0	0	0	0	0	18	0
U of NH at Manchester	8	0	0	0	0	0	0	0	0	0	8
White Pines College	20	0	0	0	0	0	0	0	0	20	0
New Jersey, total	247,156	13,730	5,086	31,558	1,417	21,191	4,348	99,260	10,954	54,119	5,493
College of N Jersey, The	152	0	0	0	112	0	0	22	0	18	0
Drew University	129	0	0	38	0	0	0	91	0	0	0
Felician College NJ	22	0	0	0	0	0	0	22	0	0	0
Jersey City State College	627	0	0	0	360	0	0	237	0	30	0
Kean Col of New Jersey	188	0	0	0	151	0	0	37	0	0	0
Middlesex County College	998	0	0	0	0	0	0	0	0	998	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New Jersey, continued:											
Monmouth University	55	0	0	55	0	0	0	0	0	0	0
Montclair St University	142	0	0	0	0	0	0	142	0	0	0
New Jersey Inst of Tech	8,544	0	0	714	252	157	2,749	0	722	2,950	1,000
Ocean County College	20	0	0	0	0	0	0	0	0	20	0
Passaic County CC	30	0	0	0	0	0	0	0	0	30	0
Princeton University	77,751	0	2,197	12,429	0	8,541	150	21,797	6,406	26,126	105
Ramapo College of NJ	518	0	0	0	218	0	0	0	0	300	0
Richard Stockton Col NJ	26	0	0	0	0	0	26	0	0	0	0
Rider University	104	0	0	0	0	0	0	104	0	0	0
Rowan University	611	0	0	0	0	0	0	0	0	569	42
Rutgers St U of NJ	87,578	13,614	2,889	12,171	0	4,712	942	24,881	2,743	21,280	4,346
Seton Hall University	706	0	0	0	0	0	0	198	0	508	0
Stevens Institute of Tech	6,862	0	0	5,791	0	91	0	0	502	478	0
U of Med & Dent of NJ	62,093	116	0	360	324	7,690	481	51,729	581	812	0
New Mexico, total	125,476	15,935	110	30,320	2,639	5,253	233	29,688	22,031	16,152	3,115
Albuquerque T-VI A CC	481	179	0	0	0	0	0	0	0	302	0
Eastern NM U	132	0	0	0	114	0	0	0	0	18	0
Inst Ind AK Culture & Art	53	53	0	0	0	0	0	0	0	0	0
New Mexico Highlands U	5,350	0	0	670	0	200	0	483	1,938	2,059	0
New Mexico Inst Mining	6,845	0	0	1,271	0	1,389	0	0	42	1,674	2,469
New Mexico St U	46,724	15,598	55	7,476	485	504	209	1,942	15,922	4,196	337
Northern New Mexico CC	80	0	0	0	0	10	0	0	0	70	0
Southwestrn Indian Poly	255	55	0	0	0	0	0	0	200	0	0
U of New Mexico	65,412	50	55	20,858	1,941	3,150	24	27,263	3,929	7,833	309
Western New Mexico U	144	0	0	45	99	0	0	0	0	0	0
New York, total	1,206,760	33,223	12,212	64,734	9,296	53,229	7,007	771,429	30,070	218,991	6,569
Adelphi University	10	0	0	0	0	0	0	0	0	10	0
Albany Col of Pharmacy	385	0	0	0	0	0	0	385	0	0	0
Albany Medical College	6,787	0	0	299	0	0	0	5,899	0	589	0
Alfred University	889	0	62	549	0	100	0	0	0	178	0
Bank Street Col of Ed	247	0	0	0	247	0	0	0	0	0	0
Barnard College	886	0	0	75	0	0	0	174	0	637	0
Boricua College	40	0	40	0	0	0	0	0	0	0	0
CUNY Bernard Baruch Col	329	0	0	128	0	0	0	126	0	75	0
CUNY Boro of Manhattan CC	50	0	0	0	0	0	0	0	0	50	0
CUNY Bronx CC	830	0	3	0	0	0	0	640	0	187	0
CUNY Brooklyn College	3,512	0	650	479	0	0	0	503	128	1,752	0
CUNY City College	17,410	0	0	554	0	1,105	0	5,058	2,572	8,121	0
CUNY Col Staten Island	763	50	0	173	0	0	0	364	0	176	0
CUNY Grad Schl & U Ctr	2,309	0	0	0	90	0	0	1,737	0	482	0
CUNY Herbert H Lehman Col	1,613	0	0	254	0	40	0	952	200	167	0
CUNY Hostos CC	502	150	0	0	0	0	0	277	75	0	0
CUNY Hunter College	7,434	0	0	465	170	196	0	5,159	176	968	300
CUNY J Jay Col Crim Just	795	0	0	0	0	0	0	746	0	49	0
CUNY Laguardia CC	96	0	0	0	0	0	0	0	96	0	0
CUNY Medgar Evers College	704	0	0	0	0	0	0	27	600	77	0
CUNY Mt Sinai Schl of Med	72,169	0	0	254	1,266	112	0	68,244	1,127	1,166	0
CUNY NY City Tech Col	199	0	0	0	0	0	0	0	0	199	0
CUNY Queens College	3,129	60	0	42	73	0	0	1,845	0	1,109	0
CUNY Queensboro CC	393	0	0	0	0	0	0	0	0	393	0
CUNY System Office	5,060	0	0	721	641	0	0	0	552	1,708	1,438
CUNY York College	50	0	0	50	0	0	0	0	0	0	0
Canisius College	204	0	0	0	94	0	0	97	0	13	0
Clarkson University	2,388	0	0	282	0	144	75	135	476	1,276	0
Colgate University	524	0	0	0	0	0	0	0	0	524	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued:											
College of Mt St Vincent	14	0	0	0	0	0	0	14	0	0	0
College of New Rochelle	30	0	0	0	0	0	0	30	0	0	0
Columbia U Central Off	2,474	0	0	385	0	0	147	1,325	0	0	617
Columbia U City New York	225,288	89	5,378	10,335	0	7,074	357	158,088	10,364	33,050	553
Cooper Union	214	0	0	0	93	0	0	0	0	121	0
Cornell University	240,796	31,157	487	15,962	349	3,946	809	100,714	5,041	81,869	462
D'Youville College	52	0	0	0	0	0	0	32	0	20	0
Fordham University	995	0	24	0	145	0	0	237	0	589	0
Hamilton College	360	0	0	0	0	0	0	113	0	247	0
Hartwick College	208	0	0	0	0	0	0	0	68	140	0
Hobart & Wm Smith Cols	120	0	0	0	0	0	0	28	0	92	0
Hofstra University	393	0	0	47	189	0	0	63	94	0	0
Iona College	123	0	0	0	0	0	0	0	42	81	0
Ithaca College	1,496	0	0	0	0	0	0	69	0	1,427	0
Le Moyne College	50	0	0	0	0	0	0	0	0	50	0
Long Island University	2,654	0	0	0	0	0	0	1,048	0	1,606	0
Manhattan College	847	0	0	0	0	0	544	0	0	303	0
Marist College	392	0	0	0	0	0	0	0	0	392	0
Marymount Col (Tarrytown)	27	0	0	0	0	0	0	27	0	0	0
Mercy Col (Dobbs Ferry)	186	0	0	0	67	0	0	0	0	119	0
NY Inst of Tech	1,168	0	0	988	0	0	0	0	0	180	0
NY Medical College	12,787	0	0	0	600	0	0	11,790	0	397	0
NY University	102,382	38	255	3,326	736	3,409	1,728	81,870	297	10,601	122
Nazareth Col of Rochester	24	0	0	0	0	0	0	0	0	24	0
Niagara University	79	0	0	0	0	0	0	12	67	0	0
Pace University	517	190	0	0	0	0	0	327	0	0	0
Paul Smiths Col Arts Sci	17	0	0	0	0	0	0	0	0	17	0
Polytechnic University	2,936	0	171	566	0	250	0	0	59	1,790	100
Pratt Institute	15	0	0	0	0	0	0	0	0	0	15
Rensselaer Polytech Inst	14,524	0	0	3,972	0	953	590	1,091	1,566	6,302	50
Roberts Wesleyan College	2	0	0	0	0	0	0	2	0	0	0
Rochester Inst Technology	1,955	0	650	140	105	0	0	100	468	473	19
Rockefeller University	45,602	0	0	367	0	1,148	0	42,967	0	1,120	0
Russell Sage College	72	0	0	0	0	0	0	72	0	0	0
SUNY Adirondack CC	49	0	0	0	0	0	0	0	0	49	0
SUNY Col Brockport	450	0	0	0	86	0	0	0	0	364	0
SUNY Col Buffalo	4,014	0	0	1,276	1,812	437	0	25	79	385	0
SUNY Col Cortland	233	0	0	0	0	0	0	0	0	233	0
SUNY Col Env Sci & Forest	1,020	746	0	0	0	0	60	0	0	189	25
SUNY Col Fredonia	120	0	0	0	0	0	0	0	0	120	0
SUNY Col Geneseo	443	0	0	0	251	0	0	0	0	192	0
SUNY Col Old Westbury	832	0	0	0	0	0	0	777	0	55	0
SUNY Col Oneonta	62	0	0	0	0	0	0	24	1	37	0
SUNY Col Oswego	146	0	0	0	0	0	0	0	0	146	0
SUNY Col Plattsburgh	412	0	96	0	0	0	0	242	74	0	0
SUNY Col Potsdam	45	0	0	0	0	0	0	0	0	45	0
SUNY Col of Optometry	490	0	0	0	0	0	0	490	0	0	0
SUNY Corning CC	76	0	0	0	0	0	0	0	0	76	0
SUNY Farmingdale	200	0	0	0	0	0	0	0	0	200	0
SUNY Hlth Sci Ctr Brklyn	14,777	0	0	0	0	0	0	14,777	0	0	0
SUNY Hlth Sci Ctr Syracus	9,476	0	0	32	0	0	0	9,049	0	395	0
SUNY Mohawk Valley CC	38	0	0	0	0	0	0	0	0	38	0
SUNY Monroe CC	84	0	0	0	0	0	0	0	0	84	0
SUNY Purchase Col	421	0	0	0	0	0	0	0	281	140	0
SUNY System Office	2,443	130	0	762	932	269	0	0	0	320	30

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New York, continued:											
SUNY at Albany	18,072	0	0	113	0	1,551	2,299	9,276	1,378	3,123	332
SUNY at Binghamton	14,205	87	950	8,943	0	85	91	1,313	81	2,655	0
SUNY at Buffalo	37,268	100	0	2,124	0	35	0	23,775	372	8,687	2,175
SUNY at New Paltz	32	0	0	0	0	0	0	27	0	5	0
SUNY at Stony Brook	83,123	92	3,440	4,093	0	5,134	57	45,842	2,267	21,917	281
Skidmore College	53	0	0	0	0	0	0	0	0	53	0
St John Fisher College	104	0	0	0	0	0	0	30	0	74	0
St Johns University (NY)	859	0	0	0	156	0	0	499	0	204	0
Syracuse University	15,121	186	0	2,278	832	535	250	6,293	356	4,391	0
Teachers Col Columbia U	1,783	0	0	0	213	0	0	1,425	0	145	0
Trocaire College	35	0	0	0	0	0	0	0	0	35	0
Union Col (Schenectady)	133	0	6	0	0	0	0	10	0	117	0
University of Rochester	125,533	100	0	3,886	149	26,706	0	81,947	969	11,726	50
Vassar College	675	0	0	109	0	0	0	0	0	566	0
Villa Maria Col Buffalo	20	0	0	0	0	0	0	0	0	20	0
Wagner College	27	0	0	0	0	0	0	27	0	0	0
Wells College	48	48	0	0	0	0	0	0	0	0	0
Yeshiva University NY	85,332	0	0	705	0	0	0	83,194	144	1,289	0
North Carolina, total	558,674	36,848	7,149	36,560	7,061	11,429	12,437	372,646	11,592	54,081	8,871
Appalachian St University	389	68	11	0	85	0	80	56	0	44	45
Barber Scotia College	65	0	0	0	65	0	0	0	0	0	0
Bennett Col (Greensboro)	1,314	0	0	373	63	0	0	400	478	0	0
Davidson College	179	0	0	0	0	0	0	13	0	166	0
Duke University	197,128	516	64	16,544	0	6,231	1,528	153,323	1,146	17,167	609
East Carolina University	4,201	0	0	170	400	0	0	3,001	25	605	0
Elizabeth City State U	2,244	0	0	306	175	423	0	92	650	598	0
Elon College	31	0	0	0	0	0	0	0	0	31	0
Fayetteville State U	1,257	0	0	0	114	27	0	326	671	119	0
Guilford Tech CC	30	0	0	0	0	0	0	0	0	30	0
Johnson C Smith U	682	0	0	176	218	0	0	188	100	0	0
Livingstone College	195	0	0	176	19	0	0	0	0	0	0
NC Ag & Tech State U	16,384	6,093	0	1,374	101	189	6	565	3,806	3,745	505
NC Central University	1,012	0	0	50	76	0	105	781	0	0	0
NC State U	79,728	28,455	3,930	10,674	164	2,616	3,820	8,755	3,108	15,600	2,606
Piedmont CC	300	0	0	0	0	0	0	0	0	300	0
Shaw University	1,167	0	0	0	67	0	780	0	320	0	0
St Augustines College	292	0	0	0	0	0	0	92	200	0	0
Tri County CC	18	0	18	0	0	0	0	0	0	0	0
U of NC Asheville	879	0	0	0	0	50	0	549	0	280	0
U of NC Chapel Hill	181,428	502	189	5,510	4,424	1,818	5,453	148,903	615	11,015	2,999
U of NC Charlotte	3,114	0	166	803	487	75	90	566	100	827	0
U of NC General Admin Off	2,082	0	0	0	0	0	0	0	0	0	2,082
U of NC Greensboro	2,266	148	0	33	271	0	0	893	0	921	0
U of NC Pembroke	363	0	0	0	0	0	0	168	195	0	0
U of NC Wilmington	3,740	0	2,671	99	0	0	0	58	0	887	25
Wake Forest University	55,916	970	0	272	0	0	575	52,629	83	1,387	0
Wake Technical CC	120	0	0	0	0	0	0	0	0	120	0
Western Carolina U	649	96	100	0	246	0	0	0	0	207	0
Winston Salem State U	1,501	0	0	0	86	0	0	1,288	95	32	0
North Dakota, total	36,405	13,607	447	1,396	472	4,746	2,310	4,038	1,333	5,852	2,204
Bismarck State College	23	0	0	0	0	0	0	0	0	23	0
Cankdeska Cikana CC	62	62	0	0	0	0	0	0	0	0	0
Fort Bethold CC	428	194	234	0	0	0	0	0	0	0	0
Jamestown College	149	0	0	0	0	0	0	0	0	106	43
Minot State University	306	0	0	0	259	0	0	0	0	47	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
North Dakota, continued:											
North Dakota St U	18,414	12,501	90	1,396	0	70	0	660	72	2,479	1,146
Sitting Bull College	171	53	0	0	118	0	0	0	0	0	0
Turtle Mountain CC	2,507	55	0	0	0	0	0	0	52	2,400	0
U of North Dakota	14,112	689	0	0	74	4,676	2,310	3,342	1,209	797	1,015
United Tribes Tech Col	74	53	0	0	21	0	0	0	0	0	0
University of Mary	36	0	0	0	0	0	0	36	0	0	0
Valley City State U	123	0	123	0	0	0	0	0	0	0	0
Ohio, total	431,635	27,133	1,655	54,447	5,710	8,034	4,499	261,448	16,247	45,588	6,874
Antioch University	65	0	0	65	0	0	0	0	0	0	0
Baldwin Wallace College	82	0	0	0	0	0	0	0	76	6	0
Bowling Gr St U	1,817	97	81	170	420	0	80	575	0	394	0
Case Western Reserve U	152,098	150	17	3,884	497	386	0	137,833	3,297	5,675	359
Central State U (Wlbrfc)	5,207	0	0	0	147	18	0	4,892	150	0	0
Cleveland State U	3,941	0	0	0	0	0	0	1,174	2,193	524	50
College of Wooster	155	0	0	0	0	0	0	0	0	155	0
Cuyahoga CC	1,219	0	0	0	0	0	0	0	1,219	0	0
Denison University	152	0	0	0	0	50	0	0	38	64	0
John Carroll University	231	0	0	231	0	0	0	0	0	0	0
Kent State U	8,584	0	8	857	1,522	264	0	1,767	208	3,958	0
Kenyon College	180	0	0	0	0	0	0	0	0	180	0
Lake Erie College	76	0	0	0	0	0	0	0	0	76	0
Lorain County CC	20	0	0	0	0	0	0	0	20	0	0
Marietta College	65	0	0	0	0	0	0	0	0	65	0
Marion Technical College	20	0	0	0	0	0	0	0	0	20	0
Medical College of Ohio	8,162	0	0	0	0	0	442	7,539	0	181	0
Miami University All Cmp	3,415	95	34	54	0	39	226	591	122	2,254	0
Mt Vernon Nazarene Col	20	0	0	0	0	0	0	0	20	0	0
North Central Tech Col	23	0	0	0	0	0	0	0	0	23	0
Northeastern OH U Col Med	1,348	0	0	0	0	0	0	1,348	0	0	0
Oberlin College	508	0	0	0	0	0	0	0	0	508	0
Ohio Col Podiatric Med	36	0	0	0	0	0	0	0	0	36	0
Ohio Northern University	7	0	0	0	0	0	0	0	7	0	0
Ohio State U	126,347	24,237	1,509	10,350	1,558	5,573	1,193	52,414	4,600	20,029	4,884
Ohio University	6,091	95	6	1,282	0	528	50	1,167	325	1,173	1,465
Ohio Wesleyan University	258	0	0	57	0	0	0	0	0	201	0
Otterbein College	29	0	0	0	0	0	0	29	0	0	0
Pontifical Col Josephinum	20	0	0	0	0	0	0	0	0	20	0
Sinclair Community Col	1,198	0	0	0	0	0	0	0	0	1,198	0
Stark State Col of Tech	7	0	0	0	0	0	0	0	0	7	0
U of Akron	3,946	0	0	199	246	184	92	343	1,050	1,742	90
U of Cincinnati	55,962	220	0	3,733	114	872	1,690	44,880	533	3,894	26
U of Dayton	31,643	0	0	30,239	108	0	50	118	438	690	0
U of Toledo	6,885	2,239	0	394	275	120	0	1,098	1,578	1,181	0
Wilberforce University	153	0	0	0	0	0	0	0	100	53	0
Wittenberg University	60	0	0	0	0	0	0	0	32	28	0
Wright State U	11,247	0	0	2,932	823	0	676	5,630	241	945	0
Xavier U (Cincinnati)	84	0	0	0	0	0	0	50	0	34	0
Youngstown State U	274	0	0	0	0	0	0	0	0	274	0
Oklahoma, total	84,090	20,510	3,738	5,618	1,520	3,665	1,328	25,738	6,434	15,176	363
Cameron University	110	80	0	0	0	0	0	0	0	30	0
Carl Albert State Col	246	0	0	0	246	0	0	0	0	0	0
East Central University	261	15	0	0	246	0	0	0	0	0	0
Eastern Oklahoma St Col	90	90	0	0	0	0	0	0	0	0	0
Langston University	4,313	4,039	0	0	100	174	0	0	0	0	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Oklahoma, continued:											
Northeastern OK A&M Col	123	0	0	0	0	0	0	123	0	0	0
Oklahoma City University	111	111	0	0	0	0	0	0	0	0	0
Oklahoma St U	34,279	15,772	4	3,508	0	586	954	2,362	5,409	5,341	343
Oral Roberts University	27	0	0	0	0	0	0	0	27	0	0
Rogers University	246	0	0	0	246	0	0	0	0	0	0
Southeastern OK St U	694	0	0	113	246	0	0	250	0	85	0
Southwestern OK St U	200	0	0	0	0	0	0	0	0	200	0
U of Oklahoma	41,027	339	3,734	1,761	436	2,743	374	22,727	988	7,912	13
U of Tulsa	2,363	64	0	236	0	162	0	276	10	1,608	7
Oregon, total	197,127	25,104	5,026	16,373	4,792	17,367	5,507	80,098	5,887	33,765	3,208
Chemeketa CC	999	0	0	0	0	0	0	0	0	999	0
Eastern Oregon State Col	360	0	110	0	0	0	0	0	0	250	0
Lane Community College	263	0	0	0	0	0	0	0	0	263	0
Lewis & Clark College	615	0	0	0	0	0	0	269	0	346	0
Linn Benton Community Col	200	0	0	0	0	0	0	200	0	0	0
Mount Hood Community Col	169	0	0	0	0	0	0	0	0	169	0
Oregon Grad Inst Sci Tech	14,097	0	0	7,107	0	649	612	1,971	107	3,571	80
Oregon Hlth Sciences U	71,399	0	0	1,926	125	12,853	616	55,309	166	404	0
Oregon Institute of Tech	506	0	0	0	0	400	0	0	0	106	0
Oregon State Sys Hi Ed	440	0	0	0	440	0	0	0	0	0	0
Oregon State University	73,835	24,836	4,856	5,246	240	1,799	3,959	8,842	5,346	16,244	2,467
Portland CC	100	0	0	0	0	0	0	0	0	100	0
Portland State U (OR)	3,147	0	0	311	953	0	0	1,108	44	731	0
Reed College	154	0	0	0	0	0	0	80	0	74	0
Rogue Community College	60	0	60	0	0	0	0	0	0	0	0
Southern Oregon U	62	0	0	0	0	0	0	0	0	62	0
University of Oregon	29,459	268	0	1,783	2,314	1,666	320	11,939	224	10,334	611
University of Portland	50	0	0	0	0	0	0	0	0	0	50
Western Oregon University	720	0	0	0	720	0	0	0	0	0	0
Western States Chiro Col	380	0	0	0	0	0	0	380	0	0	0
Willamette University	112	0	0	0	0	0	0	0	0	112	0
Pennsylvania, total	914,147	27,706	2,066	147,990	9,007	20,750	6,875	562,829	19,080	111,705	6,139
Allegheny College	211	0	0	0	0	0	0	0	55	156	0
Allegheny U Hlth Sciences	35,911	0	0	397	406	0	0	34,430	0	678	0
Beaver College (Glenside)	55	0	0	0	0	0	0	55	0	0	0
Bloomsburg U of PA	53	1	0	0	0	0	0	0	26	26	0
Bryn Mawr College	765	0	10	0	0	0	0	180	0	575	0
Bucknell University	436	0	0	0	0	0	0	181	21	234	0
Cambria County Area CC	17	0	0	0	0	0	0	0	0	17	0
Carlow College	127	0	0	0	0	0	0	106	0	21	0
Carnegie Mellon U	104,248	197	394	54,281	0	4,890	1,832	10,816	5,035	25,538	1,265
Chestnut Hill College	19	0	0	0	0	0	0	0	0	19	0
Clarion U of PA	348	50	0	0	0	0	0	0	72	226	0
College Misericordia	140	0	0	0	0	0	0	43	0	97	0
Dickinson College	882	0	0	0	0	0	0	90	0	792	0
Drexel University	8,239	0	45	777	0	297	22	1,111	530	5,457	0
Duquesne University	1,156	97	0	0	0	0	92	399	0	470	98
Franklin & Marshall Col	427	0	0	0	0	0	0	0	0	421	6
Gannon University	39	0	0	0	0	0	0	39	0	0	0
Geneva College	26	0	0	0	0	0	0	0	0	26	0
Gettysburg College	342	0	0	0	0	0	0	0	0	342	0
Gwynedd Mercy College	48	0	0	0	0	0	0	48	0	0	0
Harrisburg Area CC	11	1	0	0	0	0	0	0	0	10	0
Haverford College	480	0	0	0	0	0	0	0	0	480	0
Indiana U of PA	575	0	0	0	0	0	0	306	0	269	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pennsylvania, continued:											
Juniata College	162	0	0	0	0	0	0	25	0	137	0
Kutztown U of PA	208	0	0	0	0	0	0	0	0	208	0
La Roche College	87	0	0	0	0	0	0	0	0	87	0
La Salle University	492	0	0	0	0	0	0	62	0	430	0
Lafayette College	533	0	0	0	0	0	0	0	67	466	0
Lebanon Valley College	89	0	0	0	0	0	0	0	0	89	0
Lehigh Carbon CC	98	0	0	0	98	0	0	0	0	0	0
Lehigh University	10,548	0	0	3,259	482	699	219	853	65	4,611	360
Lincoln U (Linc U PA)	998	0	0	300	0	43	0	347	308	0	0
Luzerne County CC	25	0	0	0	0	0	0	0	0	25	0
Mercyhurst College	101	0	0	0	101	0	0	0	0	0	0
Millersville U of PA	431	0	0	0	0	0	0	0	0	431	0
Moravian College	161	0	0	0	0	0	0	0	0	161	0
Muhlenberg College	217	0	0	0	0	0	0	0	0	217	0
PA Col of Optometry	790	0	0	0	520	0	0	270	0	0	0
PA College of Technology	601	0	0	0	0	0	0	0	0	601	0
PA St U University Park	204,093	26,339	1,127	67,153	491	4,634	3,987	59,628	10,561	27,490	2,683
Phila Col Osteopathic Med	86	0	0	0	0	0	0	86	0	0	0
Phila Col of Pharm & Sci	235	0	0	34	0	0	0	181	0	20	0
Phila Col of Text & Sci	162	0	0	73	0	0	0	0	0	89	0
Seton Hill College	70	70	0	0	0	0	0	0	0	0	0
Slippery Rock U of PA	96	0	0	0	96	0	0	0	0	0	0
St Francis Col (Loretto)	3,580	0	0	3,573	0	0	0	0	0	7	0
St Joseph's University	766	110	11	0	0	0	0	0	0	645	0
St Vincent College & Sem	21	21	0	0	0	0	0	0	0	0	0
Susquehanna University	164	0	0	0	0	0	0	137	0	27	0
Swarthmore College	1,354	0	0	0	0	161	0	0	0	1,193	0
Temple University	27,223	0	0	513	246	314	0	21,987	50	3,993	120
Thiel College	27	0	0	0	0	0	0	0	0	27	0
Thomas Jefferson U	53,242	0	0	924	522	0	120	51,429	0	247	0
U of Pennsylvania	261,802	819	267	8,202	3,548	7,532	603	219,718	1,034	19,882	197
U of Pittsburgh	189,302	0	212	8,318	2,497	2,180	0	159,968	1,090	13,627	1,410
U of Scranton	166	0	0	0	0	0	0	156	0	10	0
Ursinus College	143	0	0	0	0	0	0	0	0	143	0
Valley Forge Christ Col	20	0	0	0	0	0	0	0	0	20	0
Villanova University	892	1	0	138	0	0	0	21	146	586	0
Waynesburg College	43	0	0	0	0	0	0	0	0	43	0
West Chester U of PA	259	0	0	0	0	0	0	0	20	239	0
Widener U All Campuses	207	0	0	0	0	0	0	107	0	100	0
Wilkes University	98	0	0	48	0	0	0	50	0	0	0
Rhode Island, total	80,202	3,653	7,005	13,298	248	2,847	515	27,485	3,200	20,913	1,038
Brown University	47,742	60	17	7,600	0	2,822	0	21,989	2,266	12,827	161
Bryant College	2,950	0	950	2,000	0	0	0	0	0	0	0
Rhode Island College	711	0	0	0	248	0	0	0	0	463	0
Roger Williams U All Cmp	31	0	0	0	0	0	0	0	0	31	0
U of Rhode Island	28,768	3,593	6,038	3,698	0	25	515	5,496	934	7,592	877
South Carolina, total	129,857	16,418	4,392	24,470	2,199	18,705	1,327	39,317	3,471	17,797	1,761
Benedict College	1,980	0	100	334	0	0	0	903	0	643	0
Claflin College	477	0	0	117	246	0	114	0	0	0	0
Clemson University	28,452	12,461	58	2,740	410	6,279	0	476	1,067	4,957	4
Coker College	248	0	0	0	0	0	0	0	0	0	248
College of Charleston	928	0	0	13	0	0	0	0	248	667	0
Converse College	10	0	0	0	0	0	0	0	0	10	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Carolina, continued:											
Erskine College	55	0	0	0	0	0	0	0	0	55	0
Florence-Drlngtn Tech Col	516	0	476	0	0	0	0	0	0	40	0
Furman University	242	3	0	0	0	0	0	0	40	199	0
Greenville Tech College	100	0	0	0	0	0	0	0	0	100	0
Lander University	55	0	0	0	0	0	0	0	0	55	0
Medical U of S Carolina	41,903	117	0	5,424	0	7,146	49	28,104	87	976	0
Midlands Tech College	1	1	0	0	0	0	0	0	0	0	0
Morris College	62	0	0	0	62	0	0	0	0	0	0
Piedmont Tech College	36	0	0	0	0	0	0	0	0	36	0
SC Sea Grant Consortium	3,466	0	3,466	0	0	0	0	0	0	0	0
SC State University	6,592	3,596	0	443	281	782	0	251	1,021	218	0
Spartanburg Technical Col	154	0	154	0	0	0	0	0	0	0	0
Trident Tech Col	517	0	0	0	147	0	0	0	0	370	0
U of SC All Campuses	43,370	240	138	15,399	670	4,498	1,164	9,583	797	9,372	1,509
Voorhees College	563	0	0	0	383	0	0	0	180	0	0
Winthrop University	99	0	0	0	0	0	0	0	0	99	0
Wofford College	31	0	0	0	0	0	0	0	31	0	0
South Dakota, total	23,098	11,091	150	567	516	0	0	1,852	917	7,430	575
Augustana Col (Sioux Fls)	117	0	0	0	0	0	0	0	19	98	0
Cheyenne River CC	52	52	0	0	0	0	0	0	0	0	0
Dakota State University	181	0	0	0	0	0	0	0	0	181	0
Mount Marty College	31	0	0	0	0	0	0	31	0	0	0
Oglala Lakota College	2,900	273	0	0	0	0	0	160	120	2,347	0
Presentation College	20	0	0	0	0	0	0	0	0	20	0
SD School Mines & Tech	3,065	0	0	234	0	0	0	0	621	2,210	0
SD State University	12,798	10,572	95	333	0	0	0	404	157	669	568
Sinte Gleska University	353	55	0	0	298	0	0	0	0	0	0
Sisseton Wahpeton CC	52	52	0	0	0	0	0	0	0	0	0
U of S Dakota	3,529	87	55	0	218	0	0	1,257	0	1,905	7
Tennessee, total	233,471	26,942	804	15,246	3,350	9,724	3,044	145,931	8,451	17,627	2,352
Austin Peay State U	23	0	0	0	0	0	0	0	0	19	4
Belmont University	32	0	0	0	0	0	0	32	0	0	0
Christian Brothers U	30	0	0	0	0	0	0	0	0	30	0
Cooper Institute	1,581	0	0	0	0	0	0	1,581	0	0	0
Cumberland School of Tech	10	10	0	0	0	0	0	0	0	0	0
East Tennessee State U	1,432	0	0	0	0	0	0	1,252	151	29	0
Fisk University	3,551	0	0	509	0	152	0	525	2,177	0	188
Hiwassee College	20	0	0	0	0	0	0	0	0	20	0
Le Moyne Owen College	1,033	20	0	0	0	0	0	0	0	1,013	0
Lincoln Memorial U	1	0	0	0	0	0	0	0	0	0	1
Meharry Medical College	11,645	0	0	301	0	0	0	11,261	83	0	0
Middle TN State U	2,596	2,507	0	0	0	43	0	0	28	18	0
Nashville State Tech Inst	230	0	0	0	0	0	0	0	0	230	0
Pellissippi St Tech CC	26	0	0	0	0	0	0	0	0	26	0
Rhodes College	126	8	0	0	0	0	0	0	20	98	0
Roane State CC	20	0	0	0	0	20	0	0	0	0	0
Tennessee State U	12,592	6,622	0	794	346	0	0	1,298	2,690	842	0
Tennessee Technological U	908	0	0	0	0	219	247	0	44	291	107
U of Memphis	5,895	30	115	115	385	57	25	2,827	155	1,762	424
U of Tennessee Chtnooga	325	0	0	0	0	0	0	80	0	245	0
U of Tennessee Knoxville	47,981	17,426	444	3,174	0	8,138	2,731	6,009	1,335	7,220	1,504
U of Tennessee Memphis	23,270	0	0	379	0	0	0	22,067	150	629	45
U of Tennessee U-Wide Adm	1,006	109	245	327	246	0	0	0	0	0	79
Vanderbilt University	119,138	210	0	9,647	2,373	1,095	41	98,999	1,618	5,155	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, total	814,368	45,570	5,253	112,996	7,798	21,120	8,853	476,118	40,640	90,304	5,716
Abilene Christian U	150	0	0	0	0	119	0	0	0	31	0
Alamo CC District	253	0	0	0	0	0	0	0	194	59	0
Amarillo College	25	0	0	0	20	0	0	0	0	5	0
Angelo State University	82	0	0	0	0	0	0	0	0	82	0
Baylor Col of Medicine	105,115	795	184	627	1,522	0	133	94,688	5,159	2,007	0
Baylor University	467	20	0	0	0	348	0	0	0	99	0
Central Texas College	75	0	0	75	0	0	0	0	0	0	0
El Paso Community College	362	0	0	0	0	0	0	0	0	362	0
Houston Community College	350	0	0	0	0	100	0	0	0	250	0
Jarvis Christian College	262	0	0	108	0	0	0	54	100	0	0
Lamar University	2,951	0	0	0	362	0	2,450	0	139	0	0
Laredo Community College	587	0	587	0	0	0	0	0	0	0	0
Le Tourneau University	22	0	0	0	0	0	0	0	22	0	0
Lubbock Christian U	18	18	0	0	0	0	0	0	0	0	0
McMurry University	13	0	0	0	0	0	0	0	13	0	0
Midwestern State U	98	0	0	0	0	0	0	0	0	98	0
Mountain View College	60	0	0	0	60	0	0	0	0	0	0
Odessa College	119	0	0	119	0	0	0	0	0	0	0
Our Lady of the Lake U	655	0	0	186	275	0	0	0	194	0	0
Palo Alto College	50	0	0	0	0	0	0	0	0	50	0
Paul Quinn College	138	0	0	0	138	0	0	0	0	0	0
Prairie View A&M U	13,484	6,818	0	576	0	518	13	401	5,058	100	0
Rice University	30,181	195	35	4,496	0	2,578	183	4,743	3,896	14,033	22
Sam Houston State U	88	40	0	0	0	0	0	48	0	0	0
Southern Methodist U	3,526	136	52	577	0	457	0	928	84	1,292	0
Southwest Texas Jr Col	89	89	0	0	0	0	0	0	0	0	0
Southwest Texas St U	1,239	96	0	0	212	0	0	522	93	301	15
St Edwards University	195	0	0	162	0	0	0	0	0	33	0
St Marys U (San Antonio)	514	0	0	0	23	0	0	469	0	22	0
Stephen F Austin St U	645	282	0	0	363	0	0	0	0	0	0
Sul Ross State University	25	0	0	0	0	0	25	0	0	0	0
Tarleton State University	700	0	0	0	0	0	700	0	0	0	0
Tarrant Co Jr Col	860	860	0	0	0	0	0	0	0	0	0
Texas A&M International U	1,423	0	0	0	33	0	0	0	0	0	1,390
Texas A&M U	83,719	33,457	2,333	3,435	272	2,549	1,628	19,837	3,897	14,701	1,610
Texas A&M U Corpus Chrsti	66	0	0	0	0	0	0	32	0	0	34
Texas A&M U Galveston	1,350	0	0	1,350	0	0	0	0	0	0	0
Texas A&M U Kingsville	1,213	205	0	0	0	0	0	838	119	51	0
Texas A&M U Sys Baylor	847	0	0	0	0	0	0	847	0	0	0
Texas A&M U System Office	5,275	825	580	793	164	1,125	0	85	83	0	1,620
Texas Christian U	2,123	19	0	0	0	0	0	1,920	42	142	0
Texas Southern U	4,307	0	0	0	279	260	0	2,956	725	87	0
Texas Southmost College	160	0	0	0	0	0	0	0	160	0	0
Texas State Tech Col	1,179	0	0	0	0	0	0	0	0	1,179	0
Texas Tech University	11,311	975	0	2,603	433	879	383	3,544	293	1,996	205
Texas Wesleyan University	227	0	0	0	0	0	0	227	0	0	0
Texas Womans University	2,077	0	0	0	725	0	0	1,247	0	105	0
Trinity University	673	0	0	0	0	0	0	341	0	332	0
U of Dallas	77	0	0	0	0	0	0	0	0	77	0
U of Houston	18,022	0	7	1,329	0	1,239	249	5,445	4,589	5,094	70
U of Houston Clear Lake	917	35	0	0	0	0	0	21	861	0	0
U of Houston Downtown	745	0	0	25	0	0	0	0	0	720	0
U of Houston Sys Admin	567	0	0	518	49	0	0	0	0	0	0
U of N Texas	2,007	157	50	395	246	102	0	53	120	854	30
U of N Texas Hlth Sci Ctr	3,880	0	0	0	0	0	0	3,648	232	0	0
U of TX Arlington	7,071	0	55	2,956	246	471	1,048	498	100	1,635	62

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Texas, continued:											
U of TX Austin	112,048	189	360	50,733	974	8,415	995	19,828	6,595	23,406	553
U of TX Brownsville	138	0	0	0	0	0	0	0	138	0	0
U of TX Dallas	4,597	0	50	877	120	363	0	1,007	753	1,427	0
U of TX El Paso	21,019	0	0	1,171	276	0	1,000	2,259	2,885	13,323	105
U of TX Hlth Sci Houston	69,114	179	0	390	0	0	0	67,388	788	369	0
U of TX Hlth Sci S Anto	47,713	0	0	844	0	0	0	46,053	166	650	0
U of TX MD Anderson Cancr	60,612	80	0	2,937	0	0	0	57,215	270	110	0
U of TX Med Brnch Galvstn	49,292	95	0	2,282	295	270	46	45,590	252	462	0
U of TX Pan American	1,289	0	100	182	70	0	0	612	162	163	0
U of TX Permian Basin	360	0	100	0	0	260	0	0	0	0	0
U of TX SW Med Ctr Dals	96,909	0	0	6,106	395	655	0	87,709	1,539	505	0
U of TX San Antonio	10,450	0	760	1,530	0	0	0	3,329	919	3,912	0
U of TX System Office	26,812	0	0	25,614	0	310	0	888	0	0	0
U of TX Tyler	242	0	0	0	0	0	0	242	0	0	0
U of the Incarnate Word	736	0	0	0	0	0	0	556	0	180	0
West Texas A&M U	157	5	0	0	0	102	0	50	0	0	0
Wiley College	246	0	0	0	246	0	0	0	0	0	0
Utah, total	147,006	9,444	790	21,421	4,008	5,510	688	76,626	7,986	19,793	740
Brigham Young U	4,856	102	0	843	0	444	240	1,436	771	1,012	8
University of Utah	101,304	510	700	3,190	1,593	4,821	346	72,675	1,005	16,307	157
Utah State University	40,521	8,832	0	17,228	2,415	245	52	2,515	6,210	2,449	575
Utah Valley State College	25	0	0	0	0	0	0	0	0	25	0
Weber State University	300	0	90	160	0	0	50	0	0	0	0
Vermont, total	41,093	7,815	590	459	1,401	733	0	25,037	516	4,416	126
Community Col of Vermont	2	2	0	0	0	0	0	0	0	0	0
Middlebury College	489	0	0	0	0	0	0	192	60	237	0
St Michaels College	11	0	0	0	0	0	0	0	0	11	0
University of Vermont	39,883	7,812	0	459	1,302	733	0	24,845	456	4,150	126
Vermont Technical College	690	1	590	0	99	0	0	0	0	0	0
Woodbury College	18	0	0	0	0	0	0	0	0	18	0
Virginia, total	275,891	21,925	2,424	31,192	3,774	23,888	3,238	120,312	25,087	36,203	7,848
Col William & Mary All C	8,662	19	989	1,056	254	606	1,124	107	1,123	3,301	83
Eastern VA Medical Schl	4,706	0	0	0	61	0	0	3,356	0	0	1,289
Emory & Henry College	8	0	0	0	0	0	0	0	8	0	0
Ferrum College	54	0	0	0	0	0	0	0	0	54	0
George Mason University	15,188	19	0	10,386	145	125	78	758	1,585	1,838	254
Hampden Sydney College	8	0	0	0	0	0	0	0	0	8	0
Hampton University	15,485	0	99	3,267	468	820	22	980	7,515	2,314	0
Hollins College	27	0	0	0	0	0	0	27	0	0	0
J Sargeant Reynolds CC	1	1	0	0	0	0	0	0	0	0	0
James Madison University	488	92	0	0	0	0	24	0	121	170	81
Longwood College	29	0	0	0	0	0	0	0	29	0	0
Marymount U (Arlington)	36	0	0	0	0	0	0	17	0	19	0
Norfolk State University	2,353	0	0	0	0	80	16	116	1,276	652	213
Old Dominion University	9,695	0	115	1,412	80	1,304	0	375	4,109	2,236	64
Radford University	82	0	0	0	0	0	0	32	0	50	0
Randolph Macon College	45	0	0	0	0	0	0	0	0	45	0
Roanoke College	49	0	0	0	0	0	0	0	49	0	0
St Pauls Col (Lawrencevl)	181	0	0	0	0	0	0	181	0	0	0
Sweet Briar College	136	0	0	0	0	0	0	0	0	136	0
Thomas Nelson CC	30	0	0	0	0	0	0	0	30	0	0
U of Richmond	453	0	0	0	0	249	0	55	0	149	0
U of Virginia	97,381	0	839	7,436	1,467	2,586	460	67,122	3,552	12,720	1,199

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Virginia, continued:											
Virginia Commonwealth U	46,001	0	164	80	1,134	184	45	42,861	355	1,080	98
Virginia Highlands CC	100	0	0	0	0	0	0	0	0	100	0
Virginia Military Inst	71	38	0	0	0	0	0	0	0	33	0
Virginia Poly Inst & St U	67,325	17,200	218	7,284	165	17,934	1,469	3,196	5,335	11,111	3,413
Virginia State University	6,703	4,556	0	271	0	0	0	722	0	0	1,154
Virginia Union University	319	0	0	0	0	0	0	319	0	0	0
Washington & Lee U	112	0	0	0	0	0	0	88	0	24	0
Wytheville CC	163	0	0	0	0	0	0	0	0	163	0
Washington, total	412,367	27,956	11,720	34,335	1,934	21,273	3,429	244,770	10,046	53,961	2,943
Bellevue CC	1,000	0	0	0	0	0	0	0	0	1,000	0
Central Washington U	738	0	0	0	0	0	0	97	100	526	15
Eastern Washington U	684	0	378	0	202	0	0	0	0	53	51
Evergreen State College	511	0	0	0	0	0	0	0	0	511	0
Gonzaga University	782	1	0	0	0	0	0	83	0	698	0
Northwest Indian College	377	55	0	0	103	0	0	0	0	219	0
Pacific Lutheran U	78	0	0	0	0	0	0	46	0	32	0
Seattle Pacific U	107	0	0	0	0	0	0	67	0	40	0
Seattle University	113	0	0	0	0	0	0	22	0	91	0
University of Puget Sound	19	0	0	0	0	0	0	0	0	19	0
University of Washington	357,048	3,562	11,086	31,950	1,006	17,311	3,014	232,874	9,354	44,574	2,317
Washington State U	47,869	24,338	256	1,684	173	3,962	415	11,581	592	4,333	535
Western Washington U	2,113	0	0	666	450	0	0	0	0	972	25
Whitman College	223	0	0	35	0	0	0	0	0	188	0
Whitworth College	705	0	0	0	0	0	0	0	0	705	0
West Virginia, total	39,159	8,612	207	837	869	3,626	1,052	8,068	14,653	736	499
Fairmont State College	240	3	0	0	0	0	0	0	0	237	0
Glenville State College	1	1	0	0	0	0	0	0	0	0	0
Marshall U Graduate Col	1,748	16	99	370	0	0	0	1,153	0	83	27
Salem Teikyo University	347	0	0	0	0	0	0	318	0	29	0
University of Charleston	44	0	0	0	0	0	0	0	44	0	0
WV University (Morgantwn)	24,494	8,592	0	467	869	3,626	1,052	6,597	2,819	0	472
WV University Inst Tech	108	0	108	0	0	0	0	0	0	0	0
WV Wesleyan College	32	0	0	0	0	0	0	0	14	18	0
Wheeling Jesuit U	12,145	0	0	0	0	0	0	0	11,776	369	0
Wisconsin, total	294,053	22,634	4,668	8,984	6,485	17,366	2,102	169,841	9,757	49,143	3,073
Alverno College	240	0	0	0	0	0	0	21	0	219	0
Beloit College	686	0	0	0	0	0	0	0	0	686	0
Carroll Col (Waukesha)	6	0	0	0	0	0	0	0	0	6	0
Carthage College	80	0	0	0	0	0	0	0	0	80	0
Col of Menomenee Nation	53	53	0	0	0	0	0	0	0	0	0
Concordia U, Wisconsin	26	0	0	0	0	0	0	26	0	0	0
Edgewood College	27	0	0	27	0	0	0	0	0	0	0
Fox Valley Technical Col	46	0	0	0	0	0	0	0	0	46	0
Lac Courte Ojibwa CC	214	214	0	0	0	0	0	0	0	0	0
Lawrence University	193	0	0	84	0	0	0	0	0	109	0
Madison Area Tech College	660	0	0	0	0	0	0	0	0	660	0
Marquette University	4,089	97	58	181	246	0	255	1,657	370	1,225	0
Medical Col of Wisconsin	39,792	155	0	233	473	0	0	38,057	113	156	605
Milwaukee School of Eng	1,014	0	0	0	0	0	0	0	0	138	876
Northland College	5	0	0	0	0	0	0	0	0	0	5
Ripon College	276	0	0	0	0	0	0	0	0	276	0
St Norbert College	89	0	0	0	0	0	0	0	35	54	0
U of WI Colleges	887	12	0	15	0	840	0	0	0	0	20
U of WI Eau Claire	606	0	0	0	0	0	0	280	0	326	0
U of WI La Crosse	1,256	0	0	0	0	0	651	149	0	157	299

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Wisconsin, continued:											
U of WI Madison	223,079	20,812	10	6,763	158	16,008	978	126,786	8,641	41,987	936
U of WI Milwaukee	6,513	0	100	214	0	518	0	2,715	519	2,412	35
U of WI Oshkosh	430	243	0	0	0	0	0	69	41	77	0
U of WI Parkside	57	57	0	0	0	0	0	0	0	0	0
U of WI Platteville	24	5	0	0	0	0	0	0	19	0	0
U of WI River Falls	582	582	0	0	0	0	0	0	0	0	0
U of WI Stevens Point	374	2	0	0	0	0	0	0	0	98	274
U of WI Stout	1,499	60	420	0	1,019	0	0	0	0	0	0
U of WI Superior	46	0	0	0	0	0	0	0	0	46	0
U of WI System Office	10,781	342	4,080	1,467	4,589	0	218	0	0	85	0
U of WI Whitewater	100	0	0	0	0	0	0	81	19	0	0
Waukesha County Tech Col	300	0	0	0	0	0	0	0	0	300	0
Western WI Tech Col	23	0	0	0	0	0	0	0	0	0	23
Wyoming, total	18,469	4,865	408	263	246	2,080	626	1,102	680	7,948	251
University of Wyoming	18,469	4,865	408	263	246	2,080	626	1,102	680	7,948	251
American Samoa, total	970	872	0	0	98	0	0	0	0	0	0
American Samoa CC	970	872	0	0	98	0	0	0	0	0	0
Guam, total	3,673	2,391	0	410	102	0	0	417	0	183	170
University of Guam	3,673	2,391	0	410	102	0	0	417	0	183	170
Puerto Rico, total	56,124	12,847	1,185	1,117	1,104	784	155	29,225	2,087	7,556	64
Bayamon Central U	140	0	0	0	140	0	0	0	0	0	0
Inter Am U PR Ctrl Off	1,212	98	0	0	765	0	0	349	0	0	0
Ponce School of Medicine	3,627	0	0	0	0	0	0	3,627	0	0	0
Pont Cath U of PR, The	816	0	0	178	62	0	0	576	0	0	0
Sistema U Ana G Mendez	6	6	0	0	0	0	0	0	0	0	0
U Central Del Caribe	2,923	0	0	0	0	0	0	2,923	0	0	0
U Del Turabo	354	0	0	104	55	0	0	0	195	0	0
U Metropolitana	1,790	0	0	0	54	0	0	0	0	1,736	0
U of PR Cayey U Col	240	0	0	0	0	0	0	240	0	0	0
U of PR Humacao U Col	1,908	0	0	379	28	0	0	950	355	196	0
U of PR La Montana Rgn	7	7	0	0	0	0	0	0	0	0	0
U of PR Mayaguez	18,112	12,736	1,166	0	0	34	70	1,141	1,537	1,364	64
U of PR Medical Sci	14,175	0	0	0	0	0	0	13,981	0	194	0
U of PR Rio Piedras	6,741	0	0	200	0	0	85	5,438	0	1,018	0
U of the Sacred Heart	52	0	0	0	0	0	0	0	0	52	0
University of PR System	4,021	0	19	256	0	750	0	0	0	2,996	0

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

Table B-16. Federal obligations for science and engineering to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Trust Territory of the Pacific Islands, total	3,186	3,166	0	0	0	0	0	0	0	20	0
Col of Micronesia FSM	1,661	1,641	0	0	0	0	0	0	0	20	0
Northern Marianas College	1,525	1,525	0	0	0	0	0	0	0	0	0
Virgin Islands, total	2,400	1,938	0	0	0	0	0	350	0	32	80
U of the Virgin Islands	2,400	1,938	0	0	0	0	0	350	0	32	80

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
United States, total	13,002,538	485,797	0	106,796	1,518,833	1,039,380	188,828	290,625	626,739	0	64,220	147,376
Alabama, total	223,614	13,772	0	210	14,541	11,172	3,329	40	13,015	0	1,781	1,857
Alabama A & M University	9,638	2,198	0	0	2,302	2,302	0	0	0	0	0	0
Alabama State University	99	45	0	0	0	0	0	0	0	0	0	0
Auburn University	18,646	8,664	0	0	2,323	2,323	0	0	1,243	0	0	28
Birmingham Southern Col	21	0	0	0	0	0	0	0	0	0	0	0
Calhoun State CC	25	0	0	0	0	0	0	0	0	0	0	0
G C Wallace St CC Selma	20	0	0	0	0	0	0	0	0	0	0	0
Jacksonville State U	42	0	0	0	0	0	0	0	0	0	0	0
Lawson State CC	20	0	0	0	0	0	0	0	0	0	0	0
Miles College	38	0	0	0	0	0	0	0	0	0	0	0
Stillman College	74	0	0	0	0	0	0	0	0	0	0	0
Talladega College	47	0	0	0	47	47	0	0	0	0	0	0
Troy State U Main	8	0	0	0	8	8	0	0	0	0	0	0
Tuskegee University	7,311	2,190	0	0	660	660	0	0	135	0	0	0
U of Alabama Birmingham	151,204	448	0	0	4,426	3,653	773	0	10,983	0	1,781	416
U of Alabama Huntsville	18,346	0	0	50	3,474	918	2,556	0	130	0	0	909
U of Alabama Sys Off	282	0	0	0	282	242	0	40	0	0	0	0
U of Alabama, The	7,781	0	0	0	974	974	0	0	469	0	0	504
U of North Alabama	34	0	0	0	0	0	0	0	0	0	0	0
U of South Alabama	9,978	227	0	160	45	45	0	0	55	0	0	0
Alaska, total	33,905	4,060	0	3,230	380	380	0	0	0	0	0	180
Sheldon Jackson College	32	0	0	0	0	0	0	0	0	0	0	0
U of AK Anchorage All Cmp	2,762	0	0	151	0	0	0	0	0	0	0	0
U of AK Fairbanks All Cmp	30,636	3,626	0	3,079	380	380	0	0	0	0	0	180
U of AK Southeast	41	0	0	0	0	0	0	0	0	0	0	0
U of AK System Higher Ed	434	434	0	0	0	0	0	0	0	0	0	0
Arizona, total	152,634	7,408	0	726	14,532	13,953	420	159	4,569	0	798	2,236
Arizona State U Main	30,304	913	0	44	3,313	3,313	0	0	936	0	199	0
Dine College	652	0	0	0	0	0	0	0	0	0	0	0
Northern Arizona U	4,150	606	0	0	0	0	0	0	47	0	0	684
Prescott College	81	0	0	0	0	0	0	0	0	0	0	0
U & State Col AZ Sys Off	392	0	0	255	137	0	137	0	0	0	0	0
University of Arizona	117,055	5,889	0	427	11,082	10,640	283	159	3,586	0	599	1,552
Arkansas, total	42,962	14,734	0	0	2,442	1,444	998	0	50	0	1,476	807
Arkansas State U	272	109	0	0	0	0	0	0	50	0	0	75
Arkansas Tech University	112	12	0	0	0	0	0	0	0	0	0	0
Hendrix College	131	0	0	0	0	0	0	0	0	0	0	0
Lyon College	53	0	0	0	0	0	0	0	0	0	0	0
U of Arkansas Little Rock	6,356	4,518	0	0	231	231	0	0	0	0	0	0
U of Arkansas Main	14,933	7,990	0	0	2,211	1,213	998	0	0	0	1,476	193
U of Arkansas Med Sci	18,922	199	0	0	0	0	0	0	0	0	0	539
U of Arkansas Pine Bluff	2,096	1,906	0	0	0	0	0	0	0	0	0	0
U of Central Arkansas	87	0	0	0	0	0	0	0	0	0	0	0
California, total	1,880,393	25,180	0	11,756	218,865	192,492	15,200	11,173	78,009	0	10,022	15,027
CA Col of Podiatric Med	20	0	0	0	0	0	0	0	0	0	0	0
CA Inst of Technology	107,597	107	0	0	23,100	21,585	0	1,515	8,728	0	0	0
CA Schl Prof Psych Ctrl	499	0	0	0	0	0	0	0	0	0	499	0
CA St Poly U Pomona	124	0	0	0	124	0	0	124	0	0	0	0
CA St Poly U San Luis	840	32	0	0	25	25	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
United States, total	0	7,341,816	2,652	57,602	11,747	16,853	4,610	725,468	1,816,794	5,104	430	69,701
Alabama, total	0	135,677	0	603	0	70	0	32,291	9,105	0	0	692
Alabama A & M University	0	25	0	0	0	0	0	4,343	770	0	0	0
Alabama State University	0	36	0	0	0	0	0	0	18	0	0	0
Auburn University	0	1,794	0	561	0	0	0	1,817	1,524	0	0	692
Birmingham Southern Col	0	0	0	0	0	0	0	21	0	0	0	0
Calhoun State CC	0	0	0	0	0	0	0	25	0	0	0	0
G C Wallace St CC Selma	0	0	0	0	0	0	0	0	20	0	0	0
Jacksonville State U	0	0	0	42	0	0	0	0	0	0	0	0
Lawson State CC	0	0	0	0	0	0	0	0	20	0	0	0
Miles College	0	0	0	0	0	0	0	38	0	0	0	0
Stillman College	0	0	0	0	0	0	0	74	0	0	0	0
Talladega College	0	0	0	0	0	0	0	0	0	0	0	0
Troy State U Main	0	0	0	0	0	0	0	0	0	0	0	0
Tuskegee University	0	1,518	0	0	0	0	0	1,997	811	0	0	0
U of Alabama Birmingham	0	120,984	0	0	0	70	0	10,100	1,996	0	0	0
U of Alabama Huntsville	0	214	0	0	0	0	0	12,474	1,095	0	0	0
U of Alabama Sys Off	0	0	0	0	0	0	0	0	0	0	0	0
U of Alabama, The	0	2,214	0	0	0	0	0	1,207	2,413	0	0	0
U of North Alabama	0	0	0	0	0	0	0	25	9	0	0	0
U of South Alabama	0	8,892	0	0	0	0	0	170	429	0	0	0
Alaska, total	0	1,979	0	2,853	0	0	0	13,182	8,041	0	0	0
Sheldon Jackson College	0	32	0	0	0	0	0	0	0	0	0	0
U of AK Anchorage All Cmp	0	1,791	0	35	0	0	0	44	741	0	0	0
U of AK Fairbanks All Cmp	0	156	0	2,777	0	0	0	13,138	7,300	0	0	0
U of AK Southeast	0	0	0	41	0	0	0	0	0	0	0	0
U of AK System Higher Ed	0	0	0	0	0	0	0	0	0	0	0	0
Arizona, total	0	66,241	0	1,952	118	173	0	20,349	32,551	382	0	599
Arizona State U Main	0	8,670	0	182	0	25	0	2,361	13,462	0	0	199
Dine College	0	191	0	0	0	0	0	270	191	0	0	0
Northern Arizona U	0	568	0	570	0	0	0	332	1,343	0	0	0
Prescott College	0	0	0	81	0	0	0	0	0	0	0	0
U & State Col AZ Sys Off	0	0	0	0	0	0	0	0	0	0	0	0
University of Arizona	0	56,812	0	1,119	118	148	0	17,386	17,555	382	0	400
Arkansas, total	0	18,154	0	264	0	0	0	350	3,773	0	0	912
Arkansas State U	0	0	0	38	0	0	0	0	0	0	0	0
Arkansas Tech University	0	0	0	0	0	0	0	100	0	0	0	0
Hendrix College	0	0	0	0	0	0	0	0	131	0	0	0
Lyon College	0	0	0	0	0	0	0	0	53	0	0	0
U of Arkansas Little Rock	0	538	0	0	0	0	0	100	57	0	0	912
U of Arkansas Main	0	248	0	204	0	0	0	150	2,461	0	0	0
U of Arkansas Med Sci	0	17,113	0	0	0	0	0	0	1,071	0	0	0
U of Arkansas Pine Bluff	0	168	0	22	0	0	0	0	0	0	0	0
U of Central Arkansas	0	87	0	0	0	0	0	0	0	0	0	0
California, total	0	1,058,927	36	9,677	2,390	1,029	200	167,434	276,916	700	0	4,225
CA Col of Podiatric Med	0	0	0	0	0	0	0	0	20	0	0	0
CA Inst of Technology	0	23,121	0	286	0	0	0	19,421	32,554	80	0	200
CA Schl Prof Psych Ctrl	0	0	0	0	0	0	0	0	0	0	0	0
CA St Poly U Pomona	0	0	0	0	0	0	0	0	0	0	0	0
CA St Poly U San Luis	0	0	0	0	0	0	0	277	506	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
California, continued:												
CA St U Bakersfield	13	0	0	0	0	0	0	0	0	0	0	0
CA St U Chico	109	25	0	0	0	0	0	0	0	0	0	0
CA St U Dominguez Hills	136	0	0	0	0	0	0	0	0	0	0	0
CA St U Fresno	429	0	0	0	0	0	0	0	0	0	0	0
CA St U Fullerton	798	6	0	0	0	0	0	0	70	0	0	0
CA St U Hayward	201	0	0	40	0	0	0	0	0	0	0	0
CA St U Long Beach	1,680	0	0	0	250	250	0	0	0	0	0	0
CA St U Los Angeles	3,724	0	0	0	189	189	0	0	0	0	68	0
CA St U Monterey Bay	1,429	0	0	0	0	0	0	0	0	0	0	0
CA St U Northridge	1,055	0	0	0	214	214	0	0	74	0	0	0
CA St U Sacramento	1,935	0	0	0	0	0	0	0	0	0	0	0
CA St U San Bernardino	122	0	0	0	0	0	0	0	0	0	0	0
CA St U San Marcos	212	0	0	0	82	82	0	0	0	0	0	0
CA St U System Office	583	13	0	165	0	0	0	0	0	0	155	0
Chapman University	154	0	0	0	0	0	0	0	0	0	0	0
Charles Drew U Med & Sci	4,345	0	0	0	298	0	298	0	0	0	0	0
Claremont Graduate U	149	12	0	0	0	0	0	0	10	0	0	0
Claremont McKenna College	158	0	0	0	0	0	0	0	0	0	0	0
College of San Mateo	81	0	0	0	0	0	0	0	0	0	0	0
Contra Costa College	325	0	0	0	325	325	0	0	0	0	0	0
D-Q University	128	0	0	0	128	128	0	0	0	0	0	0
Hartnell College	70	0	0	0	70	70	0	0	0	0	0	0
Harvey Mudd College	793	0	0	0	0	0	0	0	0	0	0	0
Humboldt State University	1,283	308	0	0	40	40	0	0	572	0	0	0
John F Kennedy University	74	0	0	0	0	0	0	0	0	0	0	0
LA Col of Chiropractic	301	0	0	0	0	0	0	0	0	0	0	0
LA Harbor College	56	0	0	0	0	0	0	0	0	0	0	0
LA Pierce College	20	0	0	0	0	0	0	0	0	0	0	0
La Sierra University	53	0	0	0	0	0	0	0	0	0	0	0
Loma Linda University	12,004	107	0	0	5,700	5,700	0	0	0	0	0	0
Loyola Marymount U	25	0	0	0	0	0	0	0	0	0	0	0
Monterey Inst Intl Stud	2,500	0	0	0	2,500	2,500	0	0	0	0	0	0
Monterey Peninsula Col	240	0	0	0	0	0	0	0	0	0	0	0
Mount San Antonio College	72	0	0	0	72	72	0	0	0	0	0	0
Natl Hispanic U(Oakland)	200	0	0	0	0	0	0	0	0	0	0	0
Natl Physical Sci Cnstrm	737	0	0	0	0	0	0	0	0	0	0	0
Occidental College	583	1	0	0	64	64	0	0	0	0	0	0
Pasadena City College	99	0	0	0	0	0	0	0	0	0	0	0
Pepperdine University	84	0	0	0	0	0	0	0	0	0	0	0
Pitzer College	204	0	0	0	0	0	0	0	0	0	0	0
Point Loma Nazarene Col	120	0	0	0	0	0	0	0	0	0	0	0
Pomona College	443	0	0	0	0	0	0	0	0	0	0	0
Rio Hondo College	50	0	0	0	0	0	0	0	0	0	0	50
San Diego State U	19,784	0	0	325	2,620	2,620	0	0	372	0	0	2,625
San Fran CC Dist	200	0	0	0	0	0	0	0	0	0	0	0
San Fran State University	4,432	2	0	0	50	50	0	0	232	0	0	195
San Jose State University	8,896	0	0	814	826	513	0	313	130	0	0	0
Santa Clara University	440	0	0	0	0	0	0	0	0	0	0	0
Scripps College	651	21	0	0	0	0	0	0	0	0	0	0
Scripps Rsch Inst, The	103,387	0	0	0	1,783	1,783	0	0	480	0	0	0
Sonoma State University	104	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
California, continued:												
CA St U Bakersfield	0	0	0	0	0	0	0	0	13	0	0	0
CA St U Chico	0	0	0	0	0	0	0	0	84	0	0	0
CA St U Dominguez Hills	0	0	0	0	0	0	0	0	136	0	0	0
CA St U Fresno	0	91	0	0	0	0	0	338	0	0	0	0
CA St U Fullerton	0	352	0	0	0	0	0	78	292	0	0	0
CA St U Hayward	0	0	0	0	0	0	0	11	150	0	0	0
CA St U Long Beach	0	1,273	0	12	0	0	0	145	0	0	0	0
CA St U Los Angeles	0	590	0	0	0	0	0	1,740	1,137	0	0	0
CA St U Monterey Bay	0	0	0	0	0	0	0	0	1,429	0	0	0
CA St U Northridge	0	324	0	0	0	0	0	75	368	0	0	0
CA St U Sacramento	0	332	0	1,478	0	0	0	0	125	0	0	0
CA St U San Bernardino	0	27	0	0	0	0	0	0	95	0	0	0
CA St U San Marcos	0	130	0	0	0	0	0	0	0	0	0	0
CA St U System Office	0	250	0	0	0	0	0	0	0	0	0	0
Chapman University	0	154	0	0	0	0	0	0	0	0	0	0
Charles Drew U Med & Sci	0	4,047	0	0	0	0	0	0	0	0	0	0
Claremont Graduate U	0	127	0	0	0	0	0	0	0	0	0	0
Claremont McKenna College	0	108	0	0	0	0	0	50	0	0	0	0
College of San Mateo	0	0	0	0	0	0	0	81	0	0	0	0
Contra Costa College	0	0	0	0	0	0	0	0	0	0	0	0
D-Q University	0	0	0	0	0	0	0	0	0	0	0	0
Hartnell College	0	0	0	0	0	0	0	0	0	0	0	0
Harvey Mudd College	0	216	0	95	0	0	0	0	482	0	0	0
Humboldt State University	0	0	0	349	0	0	0	0	14	0	0	0
John F Kennedy University	0	0	0	0	0	74	0	0	0	0	0	0
LA Col of Chiropractic	0	301	0	0	0	0	0	0	0	0	0	0
LA Harbor College	0	56	0	0	0	0	0	0	0	0	0	0
LA Pierce College	0	0	0	0	0	0	0	0	20	0	0	0
La Sierra University	0	53	0	0	0	0	0	0	0	0	0	0
Loma Linda University	0	3,197	0	0	0	0	0	3,000	0	0	0	0
Loyola Marymount U	0	0	0	0	0	0	0	25	0	0	0	0
Monterey Inst Intl Stud	0	0	0	0	0	0	0	0	0	0	0	0
Monterey Peninsula Col	0	0	0	0	0	0	0	0	240	0	0	0
Mount San Antonio College	0	0	0	0	0	0	0	0	0	0	0	0
Natl Hispanic U(Oakland)	0	0	0	0	0	0	0	200	0	0	0	0
Natl Physical Sci Cnstrm	0	0	0	0	0	0	0	737	0	0	0	0
Occidental College	0	1	0	0	0	0	0	0	517	0	0	0
Pasadena City College	0	0	0	0	0	0	0	99	0	0	0	0
Pepperdine University	0	0	0	0	0	0	0	0	84	0	0	0
Pitzer College	0	204	0	0	0	0	0	0	0	0	0	0
Point Loma Nazarene Col	0	0	0	0	0	0	0	0	120	0	0	0
Pomona College	0	344	0	0	0	0	0	0	99	0	0	0
Rio Hondo College	0	0	0	0	0	0	0	0	0	0	0	0
San Diego State U	0	10,562	0	120	0	0	0	687	2,473	0	0	0
San Fran CC Dist	0	0	0	0	0	0	200	0	0	0	0	0
San Fran State University	0	2,425	0	45	0	0	0	482	1,001	0	0	0
San Jose State University	0	48	0	452	0	0	0	4,195	2,184	0	0	247
Santa Clara University	0	0	0	0	0	0	0	109	331	0	0	0
Scripps College	0	0	0	0	0	0	0	0	630	0	0	0
Scripps Rsch Inst, The	0	98,705	0	0	0	0	0	676	1,743	0	0	0
Sonoma State University	0	0	0	0	0	0	0	47	57	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
California, continued:												
St Mary's College of CA	14	0	0	0	0	0	0	0	0	0	0	0
Stanford University	315,686	438	0	460	42,403	41,201	1,202	0	6,645	0	0	3,346
U of CA Berkeley	150,140	5,090	0	83	19,066	12,896	5,920	250	4,779	0	586	499
U of CA Davis	105,924	12,738	0	0	4,798	3,930	868	0	4,948	0	650	3,811
U of CA Irvine	67,327	0	0	0	5,707	5,707	0	0	4,801	0	0	1,137
U of CA Los Angeles	216,958	273	0	139	16,285	13,944	2,176	165	14,613	0	3,042	1,401
U of CA Office of Pres	5,699	2,124	0	0	1,650	1,650	0	0	0	0	0	0
U of CA Riverside	22,803	2,878	0	0	777	777	0	0	1,749	0	0	672
U of CA San Diego	246,181	561	0	9,289	32,684	23,833	1,759	7,092	12,887	0	0	0
U of CA San Francisco	222,045	0	0	0	2,456	662	1,794	0	10,014	0	514	0
U of CA Santa Barbara	60,257	359	0	0	14,542	14,497	45	0	3,417	0	0	1,034
U of CA Santa Cruz	25,671	85	0	0	3,021	3,021	0	0	2,037	0	4,384	257
U of La Verne	20	0	0	0	0	0	0	0	0	0	0	0
U of San Diego	150	0	0	0	0	0	0	0	0	0	0	0
U of San Francisco	314	0	0	0	0	0	0	0	0	0	124	0
U of Southern California	156,099	0	0	441	37,016	34,164	1,138	1,714	1,451	0	0	0
U of the Pacific	116	0	0	0	0	0	0	0	0	0	0	0
US International U	72	0	0	0	0	0	0	0	0	0	0	0
Victor Valley College	20	0	0	0	0	0	0	0	0	0	0	0
Westmont College	146	0	0	0	0	0	0	0	0	0	0	0
Colorado, total	275,910	9,593	0	5,673	15,638	15,129	187	322	8,820	0	535	6,007
Adams State College	99	0	0	0	99	99	0	0	0	0	0	0
Colorado Christian U	10	0	0	0	0	0	0	0	0	0	0	0
Colorado College	23	0	0	0	0	0	0	0	0	0	0	0
Colorado School of Mines	6,489	220	0	0	1,262	1,262	0	0	654	0	0	565
Colorado State University	57,472	8,918	0	1,940	2,995	2,995	0	0	2,644	0	0	1,703
Fort Lewis College	162	0	0	0	0	0	0	0	0	0	0	0
Natl Technological U	10	0	0	0	0	0	0	0	0	0	0	0
Regis University	99	0	0	0	0	0	0	0	0	0	0	0
U of Colorado	203,721	455	0	3,632	10,636	10,127	187	322	5,522	0	349	3,490
U of Denver	7,599	0	0	101	646	646	0	0	0	0	186	249
U of Northern Colorado	128	0	0	0	0	0	0	0	0	0	0	0
U of Southern Colorado	88	0	0	0	0	0	0	0	0	0	0	0
Western State Col of CO	10	0	0	0	0	0	0	0	0	0	0	0
Connecticut, total	257,936	3,237	0	2,176	10,324	9,853	471	0	10,098	0	254	1,233
Connecticut College	570	0	0	0	0	0	0	0	0	0	0	0
Fairfield University	190	0	0	0	0	0	0	0	90	0	0	0
Southern Connecticut St U	53	0	0	0	0	0	0	0	0	0	0	0
Trinity Col (Hartford)	514	44	0	0	0	0	0	0	0	0	0	0
U of Connecticut	48,255	2,035	0	2,126	3,537	3,537	0	0	836	0	254	663
U of Hartford	37	0	0	0	0	0	0	0	0	0	0	0
U of New Haven	88	0	0	0	0	0	0	0	0	0	0	0
Wesleyan University	2,957	0	0	0	10	10	0	0	0	0	0	287
Yale University	205,272	1,158	0	50	6,777	6,306	471	0	9,172	0	0	283
Delaware, total	30,617	2,622	0	894	6,667	5,814	291	562	1,749	0	1,779	599
Delaware State University	1,374	769	0	152	120	120	0	0	0	0	0	0
U of Delaware	29,243	1,853	0	742	6,547	5,694	291	562	1,749	0	1,779	599

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
California, continued:												
St Mary's College of CA	0	0	0	0	0	0	0	0	14	0	0	0
Stanford University	0	154,169	0	603	0	0	0	71,611	33,202	0	0	2,809
U of CA Berkeley	0	58,180	36	794	0	60	0	19,498	40,538	0	0	931
U of CA Davis	0	57,612	0	1,488	2,390	0	0	1,626	15,863	0	0	0
U of CA Irvine	0	42,189	0	0	0	0	0	2,701	10,792	0	0	0
U of CA Los Angeles	0	150,494	0	263	0	95	0	9,075	21,278	0	0	0
U of CA Office of Pres	0	0	0	0	0	0	0	0	1,925	0	0	0
U of CA Riverside	0	6,448	0	32	0	500	0	4,991	4,752	4	0	0
U of CA San Diego	0	130,258	0	863	0	0	0	13,354	46,285	0	0	0
U of CA San Francisco	0	206,781	0	0	0	0	0	1,080	1,200	0	0	0
U of CA Santa Barbara	0	6,278	0	1,130	0	0	0	5,365	27,516	616	0	0
U of CA Santa Cruz	0	6,774	0	212	0	0	0	1,813	7,088	0	0	0
U of La Verne	0	0	0	0	0	0	0	0	20	0	0	0
U of San Diego	0	0	0	0	0	0	0	0	150	0	0	0
U of San Francisco	0	0	0	0	0	0	0	52	138	0	0	0
U of Southern California	0	92,455	0	1,455	0	300	0	3,775	19,168	0	0	38
U of the Pacific	0	93	0	0	0	0	0	0	23	0	0	0
US International U	0	72	0	0	0	0	0	0	0	0	0	0
Victor Valley College	0	0	0	0	0	0	0	20	0	0	0	0
Westmont College	0	86	0	0	0	0	0	0	60	0	0	0
Colorado, total	0	132,076	0	3,623	0	2,625	0	45,170	46,087	0	0	63
Adams State College	0	0	0	0	0	0	0	0	0	0	0	0
Colorado Christian U	0	0	0	0	0	0	0	0	10	0	0	0
Colorado College	0	0	0	0	0	0	0	0	23	0	0	0
Colorado School of Mines	0	271	0	176	0	0	0	1,098	2,243	0	0	0
Colorado State University	0	22,116	0	2,764	0	0	0	3,336	11,031	0	0	25
Fort Lewis College	0	0	0	100	0	0	0	0	62	0	0	0
Natl Technological U	0	0	0	0	0	0	0	0	10	0	0	0
Regis University	0	99	0	0	0	0	0	0	0	0	0	0
U of Colorado	0	107,145	0	583	0	360	0	40,137	31,387	0	0	25
U of Denver	0	2,264	0	0	0	2,265	0	599	1,276	0	0	13
U of Northern Colorado	0	93	0	0	0	0	0	0	35	0	0	0
U of Southern Colorado	0	88	0	0	0	0	0	0	0	0	0	0
Western State Col of CO	0	0	0	0	0	0	0	0	10	0	0	0
Connecticut, total	0	208,217	15	180	0	0	0	1,717	20,483	0	0	2
Connecticut College	0	0	0	0	0	0	0	0	570	0	0	0
Fairfield University	0	0	0	38	0	0	0	0	62	0	0	0
Southern Connecticut St U	0	53	0	0	0	0	0	0	0	0	0	0
Trinity Col (Hartford)	0	0	0	0	0	0	0	0	470	0	0	0
U of Connecticut	0	32,115	0	117	0	0	0	343	6,227	0	0	2
U of Hartford	0	0	0	0	0	0	0	0	37	0	0	0
U of New Haven	0	0	0	0	0	0	0	37	51	0	0	0
Wesleyan University	0	1,540	0	25	0	0	0	43	1,052	0	0	0
Yale University	0	174,509	15	0	0	0	0	1,294	12,014	0	0	0
Delaware, total	0	5,058	0	139	0	0	0	1,460	9,570	0	0	80
Delaware State University	0	273	0	0	0	0	0	0	60	0	0	0
U of Delaware	0	4,785	0	139	0	0	0	1,460	9,510	0	0	80

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
District of Columbia, total	128,798	679	0	831	17,151	5,338	9,745	2,068	3,435	0	718	836
American University	1,489	0	0	55	36	36	0	0	99	0	0	50
Catholic U of America	5,797	45	0	374	803	803	0	0	100	0	0	0
Cnsrtm Ocean Rsch & Ed	665	0	0	0	271	159	0	112	0	0	0	0
Gallaudet University	623	0	0	0	0	0	0	0	0	0	504	0
George Washington U	34,873	0	0	284	1,872	989	193	690	683	0	214	117
Georgetown University	59,782	0	0	0	10,382	1,090	8,383	909	0	0	0	0
Howard University	23,632	21	0	118	3,391	1,865	1,169	357	2,553	0	0	669
Southeastern University	20	0	0	0	0	0	0	0	0	0	0	0
Trinity College (DC)	19	0	0	0	0	0	0	0	0	0	0	0
University of DC	1,898	613	0	0	396	396	0	0	0	0	0	0
Florida, total	293,132	10,261	0	4,315	40,906	36,133	1,471	3,302	20,361	0	1,964	2,700
Bethune Cookman College	1,203	0	0	0	200	200	0	0	0	0	0	0
Eckerd College	116	0	0	0	0	0	0	0	0	0	0	0
Edward Waters College	200	0	0	0	0	0	0	0	0	0	0	0
Embry Riddle Aeronautcl U	539	0	0	0	75	0	0	75	0	0	0	0
Florida A&M University	11,103	1,195	0	0	1,824	1,528	126	170	2,196	0	0	0
Florida Atlantic U	8,661	0	0	18	5,783	5,783	0	0	0	0	0	15
Florida Gulf Coast U	80	0	0	0	0	0	0	0	0	0	0	0
Florida Inst of Tech	1,413	0	0	0	377	377	0	0	0	0	0	0
Florida International U	10,980	0	0	44	1,451	1,451	0	0	5,380	0	0	0
Florida Memorial College	58	0	0	0	0	0	0	0	0	0	0	0
Florida State University	45,808	142	0	810	2,735	2,235	0	500	7,892	0	200	85
Nova Southeastern U	1,404	0	0	115	79	79	0	0	0	0	0	0
Palm Beach CC	20	0	0	0	0	0	0	0	0	0	0	0
Rollins College	40	0	0	0	0	0	0	0	40	0	0	0
St Leo College	43	0	0	0	0	0	0	0	0	0	0	0
State U System FL Sys Off	1,167	0	0	1,167	0	0	0	0	0	0	0	0
Stetson University	89	0	0	0	0	0	0	0	0	0	0	0
University of Central FL	11,999	0	0	0	8,350	8,290	60	0	654	0	0	85
University of Florida	89,709	8,919	0	401	7,185	6,279	78	828	3,206	0	0	1,523
University of Miami	82,435	0	0	1,404	6,457	5,187	1,207	63	820	0	124	491
University of North FL	733	0	0	0	0	0	0	0	0	0	0	0
University of South FL	23,796	5	0	356	5,426	4,510	0	916	173	0	1,640	501
University of West FL	1,318	0	0	0	964	214	0	750	0	0	0	0
Valencia CC	218	0	0	0	0	0	0	0	0	0	0	0
Georgia, total	250,871	13,655	0	205	42,389	21,362	15,517	5,510	10,631	0	293	3,657
Agnes Scott College	5	0	0	0	0	0	0	0	0	0	0	0
Clark Atlanta University	9,624	85	0	0	3,314	2,861	453	0	1,057	0	0	0
Emory University	92,272	0	0	0	1,114	1,114	0	0	709	0	0	360
Fort Valley State U	2,991	2,585	0	0	71	71	0	0	210	0	0	0
Georgia Inst of Tech	61,004	160	0	72	32,625	15,962	11,769	4,894	1,304	0	62	1,864
Georgia Southern U	515	0	0	0	202	0	202	0	0	0	0	0
Georgia Southwestern St U	145	0	0	0	0	0	0	0	50	0	0	0
Georgia State University	9,257	19	0	0	0	0	0	0	0	0	0	0
Inst Paper Sci & Tech	2,647	111	0	0	0	0	0	0	2,536	0	0	0
Kennesaw State University	165	0	0	0	0	0	0	0	0	0	0	0
Medical Col of Georgia	13,397	0	0	0	0	0	0	0	0	0	0	0
Mercer U	3,672	0	0	0	2,930	0	2,314	616	0	0	0	0
Morehouse College	698	0	0	0	292	292	0	0	0	0	0	0
Morehouse School of Med	10,474	0	0	0	779	0	779	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
District of Columbia, total	0	77,344	236	25	0	2,053	188	8,088	8,052	0	0	9,162
American University	0	118	36	0	0	100	179	186	630	0	0	0
Catholic U of America	0	1,554	0	0	0	0	0	2,186	685	0	0	50
Cnsrtm Ocean Rsch & Ed	0	0	0	5	0	0	0	0	389	0	0	0
Gallaudet University	0	0	0	0	0	0	0	0	119	0	0	0
George Washington U	0	23,480	0	0	0	1,953	0	2,434	2,060	0	0	1,776
Georgetown University	0	41,128	0	0	0	0	0	248	688	0	0	7,336
Howard University	0	11,033	200	0	0	0	9	2,320	3,318	0	0	0
Southeastern University	0	0	0	0	0	0	0	0	20	0	0	0
Trinity College (DC)	0	0	0	0	0	0	0	0	19	0	0	0
University of DC	0	31	0	20	0	0	0	714	124	0	0	0
Florida, total	0	127,116	30	3,678	0	333	0	18,385	62,146	0	0	937
Bethune Cookman College	0	0	0	0	0	0	0	1,003	0	0	0	0
Eckerd College	0	0	0	97	0	0	0	19	0	0	0	0
Edward Waters College	0	0	0	0	0	0	0	200	0	0	0	0
Embry Riddle Aeronautcl U	0	0	0	0	0	0	0	69	150	0	0	245
Florida A&M University	0	1,525	0	0	0	0	0	2,282	2,081	0	0	0
Florida Atlantic U	0	1,280	0	31	0	0	0	692	842	0	0	0
Florida Gulf Coast U	0	0	0	0	0	0	0	0	80	0	0	0
Florida Inst of Tech	0	364	0	9	0	0	0	279	384	0	0	0
Florida International U	0	399	0	387	0	0	0	1,129	2,190	0	0	0
Florida Memorial College	0	0	0	0	0	0	0	0	58	0	0	0
Florida State University	0	5,735	0	200	0	0	0	2,426	25,427	0	0	156
Nova Southeastern U	0	861	0	0	0	0	0	0	349	0	0	0
Palm Beach CC	0	0	0	0	0	0	0	0	20	0	0	0
Rollins College	0	0	0	0	0	0	0	0	0	0	0	0
St Leo College	0	43	0	0	0	0	0	0	0	0	0	0
State U System FL Sys Off	0	0	0	0	0	0	0	0	0	0	0	0
Stetson University	0	0	0	0	0	0	0	0	89	0	0	0
University of Central FL	0	96	0	0	0	300	0	844	1,647	0	0	23
University of Florida	0	46,930	30	1,507	0	33	0	3,652	16,323	0	0	0
University of Miami	0	59,126	0	341	0	0	0	3,976	9,696	0	0	0
University of North FL	0	663	0	0	0	0	0	0	70	0	0	0
University of South FL	0	9,876	0	1,092	0	0	0	1,788	2,426	0	0	513
University of West FL	0	0	0	14	0	0	0	26	314	0	0	0
Valencia CC	0	218	0	0	0	0	0	0	0	0	0	0
Georgia, total	0	135,853	50	1,235	780	74	0	11,729	30,294	0	0	26
Agnes Scott College	0	0	0	0	0	0	0	0	5	0	0	0
Clark Atlanta University	0	1,314	0	0	0	0	0	2,360	1,494	0	0	0
Emory University	0	87,435	0	0	0	0	0	42	2,612	0	0	0
Fort Valley State U	0	0	0	0	0	0	0	0	125	0	0	0
Georgia Inst of Tech	0	2,459	50	384	0	0	0	5,323	16,701	0	0	0
Georgia Southern U	0	248	0	0	0	0	0	3	62	0	0	0
Georgia Southwestern St U	0	0	0	0	0	0	0	60	35	0	0	0
Georgia State University	0	6,774	0	0	0	74	0	331	2,059	0	0	0
Inst Paper Sci & Tech	0	0	0	0	0	0	0	0	0	0	0	0
Kennesaw State University	0	165	0	0	0	0	0	0	0	0	0	0
Medical Col of Georgia	0	13,295	0	0	0	0	0	0	102	0	0	0
Mercer U	0	742	0	0	0	0	0	0	0	0	0	0
Morehouse College	0	249	0	0	0	0	0	157	0	0	0	0
Morehouse School of Med	0	8,775	0	0	0	0	0	920	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Georgia, continued:												
Morris Brown College	580	0	0	0	252	252	0	0	0	0	0	0
North GA Col & State U	38	0	0	0	0	0	0	0	38	0	0	0
Paine College	32	0	0	0	0	0	0	0	0	0	0	0
Savannah State University	221	0	0	0	0	0	0	0	0	0	0	0
Spelman College	3,265	0	0	0	0	0	0	0	309	0	0	0
State U of West Georgia	429	0	0	0	0	0	0	0	0	0	0	0
University Sys of Georgia	20	20	0	0	0	0	0	0	0	0	0	0
University of Georgia	39,237	10,675	0	133	810	810	0	0	4,418	0	231	1,433
Valdosta State University	156	0	0	0	0	0	0	0	0	0	0	0
Wesleyan College (Macon)	27	0	0	0	0	0	0	0	0	0	0	0
Hawaii, total	63,394	10,663	0	4,106	8,606	8,228	0	378	2,814	0	0	140
U of Hawaii Manoa	55,043	10,460	0	953	8,535	8,157	0	378	825	0	0	0
U of Hawaii System Office	8,351	203	0	3,153	71	71	0	0	1,989	0	0	140
Idaho, total	15,376	3,980	0	0	1,244	1,244	0	0	2,529	0	0	389
Boise State University	1,363	3	0	0	500	500	0	0	0	0	0	100
Idaho State University	134	0	0	0	0	0	0	0	0	0	0	0
University of Idaho	13,879	3,977	0	0	744	744	0	0	2,529	0	0	289
Illinois, total	465,671	11,671	0	1,595	42,552	38,820	2,608	1,124	23,019	0	4,445	3,134
Augustana Col (Rock Isld)	135	0	0	0	0	0	0	0	0	0	0	0
Bradley University	673	0	0	0	0	0	0	0	0	0	0	0
Chicago State University	476	0	0	0	289	289	0	0	0	0	0	0
De Paul University	1,513	0	0	0	0	0	0	0	0	0	0	0
Eastern Illinois U	48	0	0	0	0	0	0	0	0	0	0	0
Finch U Hlth Sci/Chic Med	4,743	0	0	0	15	15	0	0	0	0	0	0
Illinois Inst of Tech	6,683	207	0	0	2,912	2,789	0	123	790	0	0	0
Illinois State University	1,510	113	0	0	250	0	0	250	0	0	85	0
Knox College	266	0	0	0	0	0	0	0	0	0	0	0
Lake Forest College	15	0	0	0	0	0	0	0	0	0	0	0
Loyola U of Chicago	15,198	140	0	0	212	212	0	0	0	0	0	0
Midwestern University	258	0	0	0	0	0	0	0	0	0	0	0
Millikin University	5	0	0	0	0	0	0	0	0	0	0	0
Monmouth Col (Monmth)	46	0	0	0	0	0	0	0	0	0	0	0
National Col Chiropractic	66	0	0	0	0	0	0	0	0	0	0	0
Northern Illinois U	3,322	30	0	0	506	506	0	0	0	0	0	0
Northwestern University	108,238	110	0	0	9,732	9,732	0	0	4,266	0	1,073	136
Rush University	671	0	0	0	0	0	0	0	0	0	0	0
Southern IL U	476	123	0	0	0	0	0	0	98	0	0	0
Southern IL U Carbondale	6,389	708	0	0	60	60	0	0	500	0	0	40
Southern IL U Edwardsvlle	291	0	0	0	201	0	0	201	0	0	0	0
U of IL Central Office	10,235	73	0	297	34	34	0	0	9,716	0	0	115
U of IL Chicago	58,852	185	0	110	2,081	1,060	1,021	0	994	0	2,780	0
U of IL Urbana-Champaign	125,787	9,982	0	1,031	24,348	22,499	1,369	480	3,047	0	0	2,843
University of Chicago	119,411	0	0	157	1,912	1,624	218	70	3,608	0	147	0
Western Illinois U	364	0	0	0	0	0	0	0	0	0	360	0
Indiana, total	207,299	14,439	0	1,059	15,687	14,544	311	832	27,727	0	118	1,824
Ball State University	310	0	0	0	32	32	0	0	0	0	0	0
De Pauw University	53	0	0	0	0	0	0	0	0	0	0	0
Indiana State U All Camp	629	0	0	0	0	0	0	0	0	0	0	0
Indiana U	99,164	225	0	93	946	946	0	0	6,780	0	118	712

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Georgia, continued:												
Morris Brown College	0	328	0	0	0	0	0	0	0	0	0	0
North GA Col & State U	0	0	0	0	0	0	0	0	0	0	0	0
Paine College	0	32	0	0	0	0	0	0	0	0	0	0
Savannah State University	0	140	0	0	0	0	0	0	81	0	0	0
Spelman College	0	871	0	0	0	0	0	2,030	55	0	0	0
State U of West Georgia	0	414	0	0	0	0	0	0	15	0	0	0
University Sys of Georgia	0	0	0	0	0	0	0	0	0	0	0	0
University of Georgia	0	12,585	0	851	780	0	0	347	6,948	0	0	26
Valdosta State University	0	0	0	0	0	0	0	156	0	0	0	0
Wesleyan College (Macon)	0	27	0	0	0	0	0	0	0	0	0	0
Hawaii, total	0	15,957	0	536	0	0	0	3,710	16,805	0	0	57
U of Hawaii Manoa	0	15,957	0	0	0	0	0	1,508	16,805	0	0	0
U of Hawaii System Office	0	0	0	536	0	0	0	2,202	0	0	0	57
Idaho, total	0	1,172	0	3,518	0	0	0	128	2,416	0	0	0
Boise State University	0	0	0	630	0	0	0	42	88	0	0	0
Idaho State University	0	100	0	34	0	0	0	0	0	0	0	0
University of Idaho	0	1,072	0	2,854	0	0	0	86	2,328	0	0	0
Illinois, total	0	255,189	468	822	0	1,249	0	11,856	107,890	0	0	1,781
Augustana Col (Rock Isld)	0	0	0	0	0	0	0	0	135	0	0	0
Bradley University	0	668	0	0	0	0	0	0	5	0	0	0
Chicago State University	0	0	0	0	0	0	0	0	187	0	0	0
De Paul University	0	1,398	0	0	0	0	0	0	115	0	0	0
Eastern Illinois U	0	0	0	0	0	0	0	0	48	0	0	0
Finch U Hlth Sci/Chic Med	0	4,689	0	0	0	0	0	0	39	0	0	0
Illinois Inst of Tech	0	2,009	0	0	0	0	0	10	755	0	0	0
Illinois State University	0	421	0	0	0	0	0	40	601	0	0	0
Knox College	0	193	0	0	0	0	0	0	73	0	0	0
Lake Forest College	0	0	6	0	0	0	0	0	9	0	0	0
Loyola U of Chicago	0	13,996	0	0	0	0	0	0	850	0	0	0
Midwestern University	0	258	0	0	0	0	0	0	0	0	0	0
Millikin University	0	0	0	0	0	0	0	0	5	0	0	0
Monmouth Col (Monmth)	0	0	0	0	0	0	0	0	46	0	0	0
National Col Chiropractic	0	66	0	0	0	0	0	0	0	0	0	0
Northern Illinois U	0	1,197	0	0	0	0	0	0	1,589	0	0	0
Northwestern University	0	66,815	15	0	0	0	0	2,309	22,236	0	0	1,546
Rush University	0	671	0	0	0	0	0	0	0	0	0	0
Southern IL U	0	0	0	55	0	200	0	0	0	0	0	0
Southern IL U Carbondale	0	3,753	0	0	0	0	0	20	1,308	0	0	0
Southern IL U Edwardsvlle	0	0	0	0	0	0	0	0	90	0	0	0
U of IL Central Office	0	0	0	0	0	0	0	0	0	0	0	0
U of IL Chicago	0	44,476	0	0	0	100	0	410	7,716	0	0	0
U of IL Urbana-Champaign	0	29,357	447	767	0	0	0	4,662	49,068	0	0	235
University of Chicago	0	85,222	0	0	0	949	0	4,405	23,011	0	0	0
Western Illinois U	0	0	0	0	0	0	0	0	4	0	0	0
Indiana, total	0	95,429	40	394	0	100	0	2,938	46,027	1,517	0	0
Ball State University	0	244	0	4	0	0	0	0	30	0	0	0
De Pauw University	0	0	0	0	0	0	0	0	53	0	0	0
Indiana State U All Camp	0	33	0	32	0	0	0	250	314	0	0	0
Indiana U	0	71,987	0	263	0	0	0	672	17,368	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Indiana, continued:												
Manchester College	25	0	0	0	0	0	0	0	0	0	0	0
Martin Center College	75	0	0	0	75	75	0	0	0	0	0	0
Natl Cnsrtm Grad Eng Min	40	0	0	0	0	0	0	0	0	0	0	0
Purdue University	79,279	13,850	0	862	12,247	11,264	311	672	9,210	0	0	1,112
Rose-Hulman Inst of Tech	6,739	0	0	0	0	0	0	0	6,709	0	0	0
St Mary of the Woods Col	80	0	0	0	0	0	0	0	0	0	0	0
University of Indianapols	100	0	0	0	0	0	0	0	0	0	0	0
University of Notre Dame	20,632	364	0	104	2,387	2,227	0	160	4,870	0	0	0
Valparaiso University	173	0	0	0	0	0	0	0	158	0	0	0
Iowa, total	147,578	16,818	0	1,080	5,690	2,840	2,401	449	4,995	0	123	3,367
Divine Word College	20	0	0	0	0	0	0	0	0	0	0	0
Drake University	279	6	0	0	0	0	0	0	0	0	123	0
Eastern Iowa CC	50	0	0	0	0	0	0	0	0	0	0	50
Grinnell College	42	0	0	0	0	0	0	0	0	0	0	0
Iowa State University	43,940	15,931	0	1,000	1,209	1,209	0	0	3,328	0	0	2,558
Kirkwood CC	300	0	0	0	0	0	0	0	0	0	0	0
Loras College	64	0	0	0	0	0	0	0	0	0	0	0
Maharishi U of Mgmt	709	0	0	0	0	0	0	0	0	0	0	0
Northeast Iowa CC	291	291	0	0	0	0	0	0	0	0	0	0
Palmer Col Chiropractic	500	0	0	0	0	0	0	0	0	0	0	0
University of Iowa	100,489	525	0	80	4,481	1,631	2,401	449	1,667	0	0	146
University of N Iowa	894	65	0	0	0	0	0	0	0	0	0	613
Kansas, total	68,012	6,655	0	462	3,295	2,673	622	0	4,798	0	1,610	3,067
Butler County CC	16	0	0	0	0	0	0	0	0	0	0	0
Emporia State University	125	0	0	0	0	0	0	0	0	0	105	0
Garden City CC	20	0	0	0	0	0	0	0	0	0	0	0
Haskell Indian Nations U	178	0	0	0	0	0	0	0	0	0	0	178
Independence CC	180	0	0	0	0	0	0	0	0	0	0	0
Kansas State University	22,172	6,530	0	0	783	703	80	0	3,395	0	0	2,135
Southwestern Col (Winfld)	187	0	0	0	0	0	0	0	0	0	0	0
University of Kansas	42,817	125	0	0	2,512	1,970	542	0	1,288	0	1,505	754
Westrn KS Cmty Svc Cnsrtm	462	0	0	462	0	0	0	0	0	0	0	0
Wichita State University	1,855	0	0	0	0	0	0	0	115	0	0	0
Kentucky, total	72,872	10,632	0	0	1,403	767	338	298	4,264	0	330	899
Centre College	10	0	0	0	0	0	0	0	0	0	0	0
Kentucky State University	2,291	2,291	0	0	0	0	0	0	0	0	0	0
Kentucky Wesleyan College	7	0	0	0	0	0	0	0	0	0	0	0
Northern Kentucky U	189	0	0	0	0	0	0	0	0	0	0	0
U of Kentucky All Cmp	61,450	8,331	0	0	1,218	582	338	298	4,085	0	330	899
U of Louisville	8,259	0	0	0	185	185	0	0	179	0	0	0
Western Kentucky U	666	10	0	0	0	0	0	0	0	0	0	0
Louisiana, total	133,059	8,233	0	1,176	22,094	15,908	41	6,145	17,945	0	122	6,902
Dillard University	103	103	0	0	0	0	0	0	0	0	0	0
Grambling State U	883	0	0	0	549	549	0	0	0	0	0	0
LA St U All Campuses	66,507	5,946	0	1,069	15,086	9,086	0	6,000	1,548	0	0	4,901
LA St U System Office	125	75	0	0	50	50	0	0	0	0	0	0
LA U Marine Consortium	202	0	0	0	196	51	0	145	0	0	0	0
Louisiana Tech University	1,058	219	0	0	667	667	0	0	0	0	0	0
Loyola U New Orleans	128	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Indiana, continued:												
Manchester College	0	0	0	0	0	0	0	25	0	0	0	0
Martin Center College	0	0	0	0	0	0	0	0	0	0	0	0
Natl Cnsrtm Grad Eng Min	0	0	0	0	0	0	0	40	0	0	0	0
Purdue University	0	18,850	0	95	0	0	0	1,463	20,073	1,517	0	0
Rose-Hulman Inst of Tech	0	0	0	0	0	0	0	0	30	0	0	0
St Mary of the Woods Col	0	80	0	0	0	0	0	0	0	0	0	0
University of Indianapolis	0	0	0	0	0	100	0	0	0	0	0	0
University of Notre Dame	0	4,235	40	0	0	0	0	473	8,159	0	0	0
Valparaiso University	0	0	0	0	0	0	0	15	0	0	0	0
Iowa, total	0	92,901	24	346	0	0	0	5,962	13,239	0	0	3,033
Divine Word College	0	0	0	0	0	0	0	0	20	0	0	0
Drake University	0	89	0	0	0	0	0	0	61	0	0	0
Eastern Iowa CC	0	0	0	0	0	0	0	0	0	0	0	0
Grinnell College	0	0	0	0	0	0	0	0	42	0	0	0
Iowa State University	0	8,595	0	325	0	0	0	1,031	7,168	0	0	2,795
Kirkwood CC	0	300	0	0	0	0	0	0	0	0	0	0
Loras College	0	0	0	0	0	0	0	0	64	0	0	0
Maharishi U of Mgmt	0	709	0	0	0	0	0	0	0	0	0	0
Northeast Iowa CC	0	0	0	0	0	0	0	0	0	0	0	0
Palmer Col Chiropractic	0	500	0	0	0	0	0	0	0	0	0	0
University of Iowa	0	82,611	24	21	0	0	0	4,854	5,842	0	0	238
University of N Iowa	0	97	0	0	0	0	0	77	42	0	0	0
Kansas, total	0	30,452	33	675	0	0	0	2,831	14,090	0	0	44
Butler County CC	0	0	0	0	0	0	0	0	16	0	0	0
Emporia State University	0	0	0	20	0	0	0	0	0	0	0	0
Garden City CC	0	0	0	0	0	0	0	20	0	0	0	0
Haskell Indian Nations U	0	0	0	0	0	0	0	0	0	0	0	0
Independence CC	0	0	0	0	0	0	0	0	180	0	0	0
Kansas State University	0	3,311	0	655	0	0	0	608	4,711	0	0	44
Southwestern Col (Winfld)	0	0	0	0	0	0	0	0	187	0	0	0
University of Kansas	0	26,795	33	0	0	0	0	1,199	8,606	0	0	0
Westrn KS Cmty Svc Cnsrtm	0	0	0	0	0	0	0	0	0	0	0	0
Wichita State University	0	346	0	0	0	0	0	1,004	390	0	0	0
Kentucky, total	0	44,215	0	418	0	0	0	1,507	9,204	0	0	0
Centre College	0	0	0	0	0	0	0	0	10	0	0	0
Kentucky State University	0	0	0	0	0	0	0	0	0	0	0	0
Kentucky Wesleyan College	0	0	0	0	0	0	0	0	7	0	0	0
Northern Kentucky U	0	158	0	0	0	0	0	0	31	0	0	0
U of Kentucky All Cmp	0	36,689	0	319	0	0	0	768	8,811	0	0	0
U of Louisville	0	7,368	0	12	0	0	0	170	345	0	0	0
Western Kentucky U	0	0	0	87	0	0	0	569	0	0	0	0
Louisiana, total	0	57,165	6	2,478	200	70	0	4,528	12,140	0	0	0
Dillard University	0	0	0	0	0	0	0	0	0	0	0	0
Grambling State U	0	134	0	0	0	0	0	200	0	0	0	0
LA St U All Campuses	0	27,281	6	2,424	0	0	0	1,609	6,637	0	0	0
LA St U System Office	0	0	0	0	0	0	0	0	0	0	0	0
LA U Marine Consortium	0	0	0	6	0	0	0	0	0	0	0	0
Louisiana Tech University	0	0	0	0	0	0	0	20	152	0	0	0
Loyola U New Orleans	0	85	0	38	0	0	0	0	5	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Louisiana, continued:												
McNeese State University	1,267	0	0	0	0	0	0	0	0	0	0	1,221
Northeast Louisiana U	626	0	0	0	0	0	0	0	0	0	0	439
Southeastern Louisiana U	126	0	0	0	0	0	0	0	20	0	0	0
Southern U A&M All Cmp	5,279	1,525	0	0	648	648	0	0	499	0	0	216
Tulane University	43,574	265	0	107	4,373	4,332	41	0	9,496	0	122	125
U of Southwstrn Louisiana	8,759	93	0	0	0	0	0	0	6,195	0	0	0
Xavier U of Louisiana	4,422	7	0	0	525	525	0	0	187	0	0	0
Maine, total	14,807	4,104	0	1,690	2,029	1,844	185	0	107	0	0	683
Bates College	258	0	0	0	0	0	0	0	0	0	0	0
Bowdoin College	116	0	0	0	0	0	0	0	0	0	0	0
Colby College	45	0	0	0	0	0	0	0	0	0	0	0
College of the Atlantic	18	0	0	0	0	0	0	0	0	0	0	0
U of Maine	12,878	3,942	0	1,690	2,029	1,844	185	0	107	0	0	683
U of Maine Fort Kent	2	2	0	0	0	0	0	0	0	0	0	0
U of New England	208	0	0	0	0	0	0	0	0	0	0	0
U of Southern Maine	1,282	160	0	0	0	0	0	0	0	0	0	0
Maryland, total	782,083	6,872	0	6,822	248,588	46,240	42,874	159,474	11,867	0	453	8,775
Bowie State University	1,198	0	0	0	0	0	0	0	0	0	0	0
Capitol College	128	0	0	0	0	0	0	0	0	0	0	0
Charles County CC	14	0	0	0	0	0	0	0	0	0	0	0
Coppin State College	52	0	0	0	0	0	0	0	0	0	0	0
Frederick CC	21	0	0	0	0	0	0	0	0	0	0	0
Frostburg State U	50	50	0	0	0	0	0	0	0	0	0	0
Goucher College	261	0	0	0	0	0	0	0	0	0	0	0
Hood College	104	0	0	0	100	100	0	0	0	0	0	0
Johns Hopkins University	587,484	566	0	301	229,346	28,238	41,804	159,304	3,973	0	156	4,199
Loyola College	4,113	0	0	0	180	10	0	170	0	0	0	0
Morgan State University	4,962	0	0	0	813	813	0	0	87	0	0	140
Prince Georges CC	118	37	0	0	81	81	0	0	0	0	0	0
Salisbury State U	18	0	0	0	0	0	0	0	0	0	0	0
St Mary's Col of MD	51	51	0	0	0	0	0	0	0	0	0	0
U Sys of MD Headquarters	2,140	0	0	35	1,705	995	710	0	0	0	297	0
U of Baltimore	321	0	0	0	321	321	0	0	0	0	0	0
U of MD Baltimore	68,574	0	0	75	1,206	1,206	0	0	206	0	0	128
U of MD Baltimore County	9,171	0	0	0	838	838	0	0	0	0	0	0
U of MD Biotech Inst	3,961	0	0	2,582	0	0	0	0	0	0	0	0
U of MD College Park	90,664	5,255	0	3,754	12,927	12,567	360	0	7,368	0	0	876
U of MD Ctr for Env Sci	6,018	0	0	75	0	0	0	0	33	0	0	3,432
U of MD Eastern Shore	1,326	898	0	0	0	0	0	0	200	0	0	0
U of MD University Col	1,151	15	0	0	1,071	1,071	0	0	0	0	0	0
Western Maryland College	183	0	0	0	0	0	0	0	0	0	0	0
Massachusetts, total	802,454	5,861	0	5,356	97,636	79,312	13,699	4,625	75,768	0	883	8,169
Amherst College	892	0	0	0	0	0	0	0	0	0	0	0
Boston College	8,187	0	0	0	3,114	2,379	735	0	302	0	0	440
Boston University	97,015	53	0	201	6,912	5,711	487	714	2,586	0	204	679
Bradford College	20	0	0	0	0	0	0	0	0	0	0	0
Brandeis University	24,540	0	0	0	803	803	0	0	1,062	0	0	0
Bridgewater State College	250	0	0	0	0	0	0	0	0	0	0	0
Clark University	1,867	0	0	0	92	92	0	0	290	0	0	318
Col of Our Lady of Elms	103	0	0	0	0	0	0	0	0	0	0	0
Col of the Holy Cross	217	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Louisiana, continued:												
McNeese State University	0	0	0	0	0	0	0	46	0	0	0	0
Northeast Louisiana U	0	157	0	0	0	0	0	30	0	0	0	0
Southeastern Louisiana U	0	0	0	0	0	70	0	17	19	0	0	0
Southern U A&M All Cmp	0	885	0	0	0	0	0	1,450	56	0	0	0
Tulane University	0	26,617	0	0	200	0	0	412	1,857	0	0	0
U of Southwstrn Louisiana	0	1,588	0	10	0	0	0	200	673	0	0	0
Xavier U of Louisiana	0	418	0	0	0	0	0	544	2,741	0	0	0
Maine, total	0	1,774	0	392	0	0	0	430	3,598	0	0	0
Bates College	0	95	0	0	0	0	0	0	163	0	0	0
Bowdoin College	0	0	0	0	0	0	0	0	116	0	0	0
Colby College	0	25	0	0	0	0	0	0	20	0	0	0
College of the Atlantic	0	0	0	18	0	0	0	0	0	0	0	0
U of Maine	0	574	0	374	0	0	0	430	3,049	0	0	0
U of Maine Fort Kent	0	0	0	0	0	0	0	0	0	0	0	0
U of New England	0	181	0	0	0	0	0	0	27	0	0	0
U of Southern Maine	0	899	0	0	0	0	0	0	223	0	0	0
Maryland, total	0	361,882	170	434	3,100	367	0	81,768	43,695	596	285	6,409
Bowie State University	0	0	0	0	0	0	0	1,198	0	0	0	0
Capitol College	0	0	0	0	0	0	0	108	20	0	0	0
Charles County CC	0	0	0	0	0	0	0	14	0	0	0	0
Coppin State College	0	0	0	0	0	15	0	37	0	0	0	0
Frederick CC	0	0	0	3	0	0	0	0	18	0	0	0
Frostburg State U	0	0	0	0	0	0	0	0	0	0	0	0
Goucher College	0	0	0	0	0	0	0	0	261	0	0	0
Hood College	0	0	0	4	0	0	0	0	0	0	0	0
Johns Hopkins University	0	281,855	100	0	0	165	0	49,480	13,122	82	0	4,139
Loyola College	0	0	0	0	3,100	0	0	0	833	0	0	0
Morgan State University	0	999	0	0	0	0	0	1,890	80	0	0	953
Prince Georges CC	0	0	0	0	0	0	0	0	0	0	0	0
Salisbury State U	0	0	0	0	0	0	0	0	18	0	0	0
St Mary's Col of MD	0	0	0	0	0	0	0	0	0	0	0	0
U Sys of MD Headquarters	0	103	0	0	0	0	0	0	0	0	0	0
U of Baltimore	0	0	0	0	0	0	0	0	0	0	0	0
U of MD Baltimore	0	65,654	6	0	0	0	0	587	482	0	0	230
U of MD Baltimore County	0	3,109	0	0	0	0	0	2,812	2,412	0	0	0
U of MD Biotech Inst	0	0	0	0	0	0	0	0	1,379	0	0	0
U of MD College Park	0	10,038	64	180	0	187	0	24,965	23,164	514	285	1,087
U of MD Ctr for Env Sci	0	0	0	100	0	0	0	662	1,716	0	0	0
U of MD Eastern Shore	0	124	0	82	0	0	0	0	22	0	0	0
U of MD University Col	0	0	0	65	0	0	0	0	0	0	0	0
Western Maryland College	0	0	0	0	0	0	0	15	168	0	0	0
Massachusetts, total	0	415,469	9	163	0	2,205	0	49,235	138,969	0	0	2,731
Amherst College	0	280	0	0	0	0	0	0	612	0	0	0
Boston College	0	2,783	0	50	0	0	0	271	1,227	0	0	0
Boston University	0	71,055	0	0	0	0	0	4,770	10,555	0	0	0
Bradford College	0	0	0	0	0	0	0	0	20	0	0	0
Brandeis University	0	19,008	0	0	0	0	0	465	3,202	0	0	0
Bridgewater State College	0	0	0	0	0	0	0	0	0	0	0	250
Clark University	0	708	0	0	0	0	0	325	134	0	0	0
Col of Our Lady of Elms	0	0	0	0	0	0	0	0	103	0	0	0
Col of the Holy Cross	0	111	0	0	0	0	0	0	106	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Massachusetts, continued:												
Five Colleges Inc	36	0	0	0	0	0	0	0	0	0	0	0
Hampshire College	1,395	0	0	0	0	0	0	0	0	0	0	0
Harvard University	215,939	424	0	311	8,990	8,735	225	30	5,827	0	0	1,915
Holyoke Community College	222	0	0	0	0	0	0	0	0	0	222	0
MA Bay Community College	45	0	0	0	0	0	0	0	0	0	0	0
MA Inst of Technology	228,287	20	0	1,286	41,792	35,700	5,074	1,018	60,714	0	0	2,383
MGH Inst Hlth Professions	104	0	0	0	0	0	0	0	0	0	104	0
Mount Holyoke College	479	0	0	0	0	0	0	0	66	0	0	0
New Eng Col of Optometry	1,190	0	0	0	0	0	0	0	0	0	0	0
Northeastern University	13,298	0	0	0	3,028	2,978	50	0	720	0	0	0
Radcliffe College	607	0	0	0	421	421	0	0	0	0	0	0
Simmons College	637	0	0	0	0	0	0	0	0	0	0	0
Simons Rock Col of Bard	65	0	0	0	0	0	0	0	0	0	0	0
Smith College	610	0	0	0	3	3	0	0	0	0	0	0
Springfield Tech CC	228	0	0	0	0	0	0	0	0	0	228	0
Stonehill College	50	50	0	0	0	0	0	0	0	0	0	0
Suffolk University	18	0	0	0	0	0	0	0	0	0	0	0
Tufts University	43,300	204	0	143	2,000	1,406	0	594	1,293	0	0	1,196
U of MA Amherst	40,194	4,115	0	347	9,662	5,294	4,368	0	1,686	0	0	537
U of MA Boston	3,048	0	0	158	316	316	0	0	293	0	125	196
U of MA Central Office	609	203	0	0	0	0	0	0	0	0	0	0
U of MA Dartmouth	2,644	757	0	29	100	100	0	0	0	0	0	0
U of MA Lowell	4,666	0	0	0	1,917	1,292	0	625	430	0	0	410
U of MA Worcester	49,424	0	0	0	651	392	59	200	0	0	0	0
Wellesley College	1,305	0	0	0	0	0	0	0	0	0	0	0
Wentworth Inst of Tech	1,028	0	0	0	1,028	0	1,028	0	0	0	0	0
Wheelock College	369	0	0	0	0	0	0	0	0	0	0	0
Williams College	1,276	0	0	0	0	0	0	0	0	0	0	0
Woods Hole Ocean Inst	55,476	0	0	2,841	16,112	13,043	1,625	1,444	330	0	0	0
Worcester Polytech Inst	2,814	35	0	40	695	647	48	0	169	0	0	95
Michigan, total	422,666	14,536	0	2,451	28,079	22,192	4,071	1,816	15,023	0	1,342	7,393
Albion College	126	0	0	0	0	0	0	0	0	0	0	0
Alma College	84	0	0	0	0	0	0	0	0	0	0	0
Calvin College	180	0	0	0	0	0	0	0	0	0	0	0
Central Michigan U	104	0	0	0	0	0	0	0	0	0	0	0
Cnsrtm Intl Erth Sci Info	3,607	0	0	0	0	0	0	0	0	0	0	123
Eastern Michigan U	448	0	0	0	0	0	0	0	0	0	0	0
Gogebic Community College	20	0	0	0	0	0	0	0	0	0	0	0
Hope College	686	0	0	0	0	0	0	0	0	0	0	0
Kalamazoo College	35	0	0	0	0	0	0	0	0	0	0	0
Kettering University	90	0	0	0	0	0	0	0	0	0	0	0
Lawrence Technological U	27	0	0	0	0	0	0	0	0	0	0	0
Michigan State University	67,060	12,376	0	0	2,125	2,005	100	20	3,812	0	125	0
Michigan Tech University	10,894	1,055	0	155	2,323	2,323	0	0	833	0	0	2,626
Northern Michigan U	72	25	0	0	0	0	0	0	0	0	0	0
Oakland University	3,372	0	0	0	258	75	0	183	0	0	0	0
Saginaw Valley State U	636	0	0	636	0	0	0	0	0	0	0	0
U of Detroit Mercy	303	0	0	0	0	0	0	0	0	0	0	180
U of Michigan	270,858	928	0	1,591	20,415	16,447	3,379	589	8,771	0	749	4,159
Wayne State University	61,571	152	0	0	2,892	1,276	592	1,024	950	0	468	106
Western Michigan U	2,493	0	0	69	66	66	0	0	657	0	0	199

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Massachusetts, continued:												
Five Colleges Inc	0	0	0	0	0	0	0	24	12	0	0	0
Hampshire College	0	145	0	0	0	0	0	0	1,250	0	0	0
Harvard University	0	165,865	3	0	0	2,205	0	8,429	21,970	0	0	0
Holyoke Community College	0	0	0	0	0	0	0	0	0	0	0	0
MA Bay Community College	0	0	0	0	0	0	0	0	45	0	0	0
MA Inst of Technology	0	54,979	6	60	0	0	0	31,797	33,451	0	0	1,799
MGH Inst Hlth Professions	0	0	0	0	0	0	0	0	0	0	0	0
Mount Holyoke College	0	198	0	0	0	0	0	0	215	0	0	0
New Eng Col of Optometry	0	1,190	0	0	0	0	0	0	0	0	0	0
Northeastern University	0	3,975	0	0	0	0	0	475	5,100	0	0	0
Radcliffe College	0	186	0	0	0	0	0	0	0	0	0	0
Simmons College	0	637	0	0	0	0	0	0	0	0	0	0
Simons Rock Col of Bard	0	0	0	0	0	0	0	0	65	0	0	0
Smith College	0	530	0	0	0	0	0	0	77	0	0	0
Springfield Tech CC	0	0	0	0	0	0	0	0	0	0	0	0
Stonehill College	0	0	0	0	0	0	0	0	0	0	0	0
Suffolk University	0	0	0	0	0	0	0	0	18	0	0	0
Tufts University	0	34,681	0	0	0	0	0	298	3,485	0	0	0
U of MA Amherst	0	7,410	0	53	0	0	0	837	15,497	0	0	50
U of MA Boston	0	1,264	0	0	0	0	0	0	696	0	0	0
U of MA Central Office	0	22	0	0	0	0	0	0	0	0	0	384
U of MA Dartmouth	0	102	0	0	0	0	0	250	1,406	0	0	0
U of MA Lowell	0	1,311	0	0	0	0	0	0	526	0	0	72
U of MA Worcester	0	47,667	0	0	0	0	0	477	629	0	0	0
Wellesley College	0	908	0	0	0	0	0	0	397	0	0	0
Wentworth Inst of Tech	0	0	0	0	0	0	0	0	0	0	0	0
Wheelock College	0	0	0	0	0	0	0	0	369	0	0	0
Williams College	0	267	0	0	0	0	0	0	1,009	0	0	0
Woods Hole Ocean Inst	0	86	0	0	0	0	0	733	35,374	0	0	0
Worcester Polytech Inst	0	101	0	0	0	0	0	84	1,419	0	0	176
Michigan, total	0	255,139	56	254	0	75	0	14,402	79,573	187	0	4,156
Albion College	0	0	0	0	0	0	0	0	126	0	0	0
Alma College	0	84	0	0	0	0	0	0	0	0	0	0
Calvin College	0	150	0	0	0	0	0	0	30	0	0	0
Central Michigan U	0	0	0	0	0	0	0	0	104	0	0	0
Cnsrtm Intl Erth Sci Info	0	0	0	0	0	0	0	3,484	0	0	0	0
Eastern Michigan U	0	160	0	0	0	0	0	0	288	0	0	0
Gogebic Community College	0	0	0	0	0	0	0	0	20	0	0	0
Hope College	0	233	0	0	0	0	0	0	453	0	0	0
Kalamazoo College	0	0	0	0	0	0	0	0	35	0	0	0
Kettering University	0	0	0	0	0	0	0	90	0	0	0	0
Lawrence Technological U	0	0	0	0	0	0	0	0	27	0	0	0
Michigan State University	0	20,444	0	88	0	75	0	615	27,400	0	0	0
Michigan Tech University	0	79	0	70	0	0	0	322	3,205	0	0	226
Northern Michigan U	0	0	0	0	0	0	0	0	47	0	0	0
Oakland University	0	2,734	0	0	0	0	0	0	380	0	0	0
Saginaw Valley State U	0	0	0	0	0	0	0	0	0	0	0	0
U of Detroit Mercy	0	0	0	0	0	0	0	0	123	0	0	0
U of Michigan	0	182,431	56	90	0	0	0	9,709	37,892	187	0	3,880
Wayne State University	0	48,136	0	0	0	0	0	162	8,655	0	0	50
Western Michigan U	0	688	0	6	0	0	0	20	788	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Minnesota, total	228,950	10,264	0	584	36,611	35,590	1,021	0	6,264	0	1,357	2,712
Augsburg College	386	0	0	0	110	110	0	0	0	0	0	0
Bethel Col&Sem (St Paul)	30	30	0	0	0	0	0	0	0	0	0	0
Carleton College	85	0	0	0	0	0	0	0	0	0	0	0
College of Visual Arts	20	0	0	0	0	0	0	0	0	0	0	0
Fond du Lac Tribal & CC	223	0	0	0	0	0	0	0	0	0	0	0
Gustavus Adolphus College	317	0	0	0	0	0	0	0	0	0	0	0
Hamline University	100	0	0	0	0	0	0	0	0	0	0	0
Macalester College	80	0	0	0	0	0	0	0	0	0	0	0
Minnesota St Cols & U	527	0	0	527	0	0	0	0	0	0	0	0
Minnesota State U-Mankato	210	0	0	0	0	0	0	0	0	0	0	0
Moorhead State University	285	42	0	0	0	0	0	0	0	0	0	0
St Cloud State University	348	0	0	0	0	0	0	0	0	0	0	0
St Olaf College	879	0	0	0	0	0	0	0	0	0	0	0
U of Minnesota	225,460	10,192	0	57	36,501	35,480	1,021	0	6,264	0	1,357	2,712
Mississippi, total	51,921	15,883	0	2,569	4,885	4,226	359	300	5,558	0	900	743
Alcorn State University	2,450	2,209	0	0	0	0	0	0	0	0	0	0
Delta State University	28	28	0	0	0	0	0	0	0	0	0	0
Jackson State University	2,112	0	0	0	439	439	0	0	160	0	0	0
Millsaps College	83	0	0	0	0	0	0	0	0	0	0	0
Mississippi AL Sea Grant	900	0	0	900	0	0	0	0	0	0	0	0
Mississippi College	217	0	0	0	0	0	0	0	0	0	0	0
Mississippi Rsch Cnstrm	1,899	0	0	0	0	0	0	0	0	0	0	0
Mississippi State U	25,997	10,944	0	0	2,373	2,146	27	200	4,708	0	900	680
Mississippi Valley St U	190	0	0	0	0	0	0	0	0	0	0	0
Rust College	100	0	0	0	100	0	0	100	0	0	0	0
Tougaloo College	45	0	0	0	0	0	0	0	0	0	0	0
U of Mississippi	13,089	1,921	0	48	820	488	332	0	640	0	0	0
U of Southern Mississippi	4,811	781	0	1,621	1,153	1,153	0	0	50	0	0	63
Missouri, total	271,832	13,489	0	15	9,037	8,006	690	341	3,149	0	1,842	483
Columbia Col (Columbia)	60	0	0	0	0	0	0	0	0	0	0	0
Kirksville Col Osteo Med	296	0	0	0	0	0	0	0	0	0	0	0
Lincoln U (Jeffersn City)	2,323	2,323	0	0	0	0	0	0	0	0	0	0
Missouri Western St Col	6	0	0	0	6	6	0	0	0	0	0	0
Southeast Missouri St U	108	0	0	0	0	0	0	0	0	0	0	0
Southwest Missouri St U	405	0	0	0	0	0	0	0	0	0	0	0
St Louis University	19,399	0	0	0	255	255	0	0	0	0	0	0
Truman State University	168	62	0	0	0	0	0	0	0	0	0	0
U of Missouri Columbia	38,486	9,479	0	0	1,384	792	592	0	1,216	0	719	190
U of Missouri Kansas City	5,841	0	0	0	326	326	0	0	148	0	0	0
U of Missouri Rolla	4,711	0	0	0	1,671	1,671	0	0	225	0	0	93
U of Missouri St Louis	3,589	110	0	0	512	512	0	0	0	0	0	0
U of Missouri Sys Admin	1,546	230	0	0	0	0	0	0	0	0	1,123	0
Washington University	194,615	1,285	0	15	4,883	4,444	98	341	1,560	0	0	200
Webster University	279	0	0	0	0	0	0	0	0	0	0	0
Montana, total	32,603	6,258	0	1,200	1,214	584	630	0	935	0	803	949
Carroll College (Helena)	9	9	0	0	0	0	0	0	0	0	0	0
Fort Belknap College	1,410	0	0	0	0	0	0	0	0	0	0	0
Fort Peck CC	74	0	0	0	74	74	0	0	0	0	0	0
Montana State U Billings	5,862	189	0	0	0	0	0	0	0	0	0	0
Montana State U Bozeman	14,494	4,793	0	1,200	791	510	281	0	0	0	133	929

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Minnesota, total	0	130,465	40	411	0	498	0	3,093	34,646	0	0	2,005
Augsburg College	0	0	0	0	0	0	0	10	266	0	0	0
Bethel Col&Sem (St Paul)	0	0	0	0	0	0	0	0	0	0	0	0
Carleton College	0	0	0	0	0	0	0	0	85	0	0	0
College of Visual Arts	0	0	0	0	0	0	0	0	20	0	0	0
Fond du Lac Tribal & CC	0	0	0	0	0	0	0	0	223	0	0	0
Gustavus Adolphus College	0	0	0	0	0	0	0	0	317	0	0	0
Hamline University	0	0	0	0	0	0	0	0	100	0	0	0
Macalester College	0	80	0	0	0	0	0	0	0	0	0	0
Minnesota St Cols & U	0	0	0	0	0	0	0	0	0	0	0	0
Minnesota State U-Mankato	0	170	0	0	0	0	0	40	0	0	0	0
Moorhead State University	0	213	0	0	0	0	0	30	0	0	0	0
St Cloud State University	0	0	0	0	0	0	0	141	207	0	0	0
St Olaf College	0	135	0	0	0	0	0	0	744	0	0	0
U of Minnesota	0	129,867	40	411	0	498	0	2,872	32,684	0	0	2,005
Mississippi, total	0	11,469	0	525	0	0	25	3,419	5,760	0	0	185
Alcorn State University	0	241	0	0	0	0	0	0	0	0	0	0
Delta State University	0	0	0	0	0	0	0	0	0	0	0	0
Jackson State University	0	1,012	0	0	0	0	25	476	0	0	0	0
Millsaps College	0	83	0	0	0	0	0	0	0	0	0	0
Mississippi AL Sea Grant	0	0	0	0	0	0	0	0	0	0	0	0
Mississippi College	0	0	0	0	0	0	0	0	217	0	0	0
Mississippi Rsch Cnstrm	0	0	0	0	0	0	0	1,899	0	0	0	0
Mississippi State U	0	759	0	469	0	0	0	693	4,286	0	0	185
Mississippi Valley St U	0	0	0	0	0	0	0	190	0	0	0	0
Rust College	0	0	0	0	0	0	0	0	0	0	0	0
Tougaloo College	0	45	0	0	0	0	0	0	0	0	0	0
U of Mississippi	0	8,952	0	0	0	0	0	64	644	0	0	0
U of Southern Mississippi	0	377	0	56	0	0	0	97	613	0	0	0
Missouri, total	0	215,595	0	936	0	119	0	5,386	21,603	0	0	178
Columbia Col (Columbia)	0	0	0	0	0	0	0	0	60	0	0	0
Kirksville Col Osteo Med	0	296	0	0	0	0	0	0	0	0	0	0
Lincoln U (Jeffersn City)	0	0	0	0	0	0	0	0	0	0	0	0
Missouri Western St Col	0	0	0	0	0	0	0	0	0	0	0	0
Southeast Missouri St U	0	0	0	0	0	0	0	27	81	0	0	0
Southwest Missouri St U	0	0	0	0	0	0	0	0	405	0	0	0
St Louis University	0	18,601	0	30	0	0	0	100	413	0	0	0
Truman State University	0	0	0	0	0	0	0	0	106	0	0	0
U of Missouri Columbia	0	17,462	0	750	0	0	0	850	6,436	0	0	0
U of Missouri Kansas City	0	4,639	0	16	0	0	0	166	546	0	0	0
U of Missouri Rolla	0	267	0	0	0	0	0	412	2,043	0	0	0
U of Missouri St Louis	0	1,929	0	0	0	119	0	92	827	0	0	0
U of Missouri Sys Admin	0	148	0	20	0	0	0	0	0	0	0	25
Washington University	0	172,253	0	120	0	0	0	3,739	10,407	0	0	153
Webster University	0	0	0	0	0	0	0	0	279	0	0	0
Montana, total	0	5,281	0	1,412	60	1,310	0	3,925	9,256	0	0	0
Carroll College (Helena)	0	0	0	0	0	0	0	0	0	0	0	0
Fort Belknap College	0	0	0	0	0	1,310	0	100	0	0	0	0
Fort Peck CC	0	0	0	0	0	0	0	0	0	0	0	0
Montana State U Billings	0	0	0	20	0	0	0	0	5,653	0	0	0
Montana State U Bozeman	0	3,713	0	580	60	0	0	2,295	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Montana, continued:												
Montana Tech of U of MT	105	0	0	0	0	0	0	0	0	0	0	0
Montana U Sys-Sys Off	1,460	10	0	0	0	0	0	0	0	0	0	0
Salish Kootenai College	410	10	0	0	0	0	0	0	0	0	0	0
U of Montana, The	8,734	1,247	0	0	349	0	349	0	935	0	670	20
Western Montana College	45	0	0	0	0	0	0	0	0	0	0	0
Nebraska, total	51,492	9,244	0	70	2,233	1,566	368	299	861	0	125	0
Creighton University	3,980	50	0	70	405	106	0	299	131	0	0	0
Peru State College	177	0	0	0	0	0	0	0	0	0	0	0
U of Nebraska Ctrl Admin	590	130	0	0	0	0	0	0	460	0	0	0
U of Nebraska Kearney	69	0	0	0	0	0	0	0	0	0	0	0
U of Nebraska Lincoln	28,787	9,064	0	0	1,103	1,103	0	0	0	0	0	0
U of Nebraska Med Ctr	16,704	0	0	0	592	224	368	0	0	0	125	0
U of Nebraska Omaha	1,032	0	0	0	133	133	0	0	270	0	0	0
York College (York NE)	153	0	0	0	0	0	0	0	0	0	0	0
Nevada, total	23,750	1,684	0	188	65	65	0	0	3,319	0	0	1,092
Desert Research Institute	4,036	21	0	0	65	65	0	0	1,681	0	0	0
U & CC Sys of NV SO	2,245	0	0	0	0	0	0	0	0	0	0	607
U of Nevada Las Vegas	3,341	0	0	0	0	0	0	0	1,204	0	0	0
U of Nevada Reno	14,128	1,663	0	188	0	0	0	0	434	0	0	485
New Hampshire, total	69,306	2,310	0	2,677	2,822	2,562	0	260	1,521	0	499	1,151
Dartmouth College	45,771	302	0	0	2,605	2,345	0	260	995	0	499	0
NH Cmty Tech Berlin/Lac	601	0	0	601	0	0	0	0	0	0	0	0
St Anselm College	65	0	0	0	0	0	0	0	0	0	0	0
U System of NH Sys Off	2,293	0	0	2,076	217	217	0	0	0	0	0	0
U of NH Durham	20,548	2,008	0	0	0	0	0	0	526	0	0	1,151
U of NH at Manchester	8	0	0	0	0	0	0	0	0	0	0	0
White Pines College	20	0	0	0	0	0	0	0	0	0	0	0
New Jersey, total	218,975	7,990	0	4,005	31,178	27,226	1,572	2,380	20,539	0	149	3,531
College of N Jersey, The	18	0	0	0	0	0	0	0	0	0	0	0
Drew University	129	0	0	0	38	38	0	0	0	0	0	0
Jersey City State College	237	0	0	0	0	0	0	0	0	0	0	0
Kean Col of New Jersey	37	0	0	0	0	0	0	0	0	0	0	0
Monmouth University	55	0	0	0	55	55	0	0	0	0	0	0
New Jersey Inst of Tech	7,174	0	0	0	714	640	25	49	157	0	0	2,749
Ocean County College	20	0	0	0	0	0	0	0	0	0	0	0
Passaic County CC	30	0	0	0	0	0	0	0	0	0	0	0
Princeton University	71,162	0	0	1,242	12,120	10,223	1,547	350	7,889	0	0	113
Richard Stockton Col NJ	26	0	0	0	0	0	0	0	0	0	0	26
Rider University	104	0	0	0	0	0	0	0	0	0	0	0
Rowan University	161	0	0	0	0	0	0	0	0	0	0	0
Rutgers St U of NJ	75,763	7,874	0	2,763	12,159	10,939	0	1,220	4,712	0	0	170
Seton Hall University	420	0	0	0	0	0	0	0	0	0	0	0
Stevens Institute of Tech	6,554	0	0	0	5,791	5,331	0	460	91	0	0	0
U of Med & Dent of NJ	57,085	116	0	0	301	0	0	301	7,690	0	149	473
New Mexico, total	83,676	6,280	0	0	14,808	9,388	1,939	3,481	5,253	0	0	200
Eastern NM U	18	0	0	0	0	0	0	0	0	0	0	0
New Mexico Highlands U	1,224	0	0	0	670	670	0	0	200	0	0	0
New Mexico Inst Mining	5,901	0	0	0	352	320	0	32	1,389	0	0	0
New Mexico St U	29,871	6,230	0	0	4,972	1,593	386	2,993	504	0	0	200
Northern New Mexico CC	10	0	0	0	0	0	0	0	10	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Montana, continued:												
Montana Tech of U of MT	0	0	0	8	0	0	0	15	82	0	0	0
Montana U Sys-Sys Off	0	0	0	0	0	0	0	0	1,450	0	0	0
Salish Kootenai College	0	0	0	0	0	0	0	400	0	0	0	0
U of Montana, The	0	1,568	0	804	0	0	0	1,115	2,026	0	0	0
Western Montana College	0	0	0	0	0	0	0	0	45	0	0	0
Nebraska, total	0	22,186	0	375	2,727	218	0	2,042	10,477	0	0	934
Creighton University	0	3,040	0	0	0	0	0	91	193	0	0	0
Peru State College	0	0	0	0	0	0	0	0	177	0	0	0
U of Nebraska Ctrl Admin	0	0	0	0	0	0	0	0	0	0	0	0
U of Nebraska Kearney	0	0	0	0	0	0	0	69	0	0	0	0
U of Nebraska Lincoln	0	3,209	0	375	2,727	0	0	1,882	9,493	0	0	934
U of Nebraska Med Ctr	0	15,501	0	0	0	0	0	0	486	0	0	0
U of Nebraska Omaha	0	283	0	0	0	218	0	0	128	0	0	0
York College (York NE)	0	153	0	0	0	0	0	0	0	0	0	0
Nevada, total	0	8,119	0	1,079	0	0	0	680	7,524	0	0	0
Desert Research Institute	0	0	0	0	0	0	0	290	1,979	0	0	0
U & CC Sys of NV SO	0	0	0	138	0	0	0	0	1,500	0	0	0
U of Nevada Las Vegas	0	244	0	333	0	0	0	191	1,369	0	0	0
U of Nevada Reno	0	7,875	0	608	0	0	0	199	2,676	0	0	0
New Hampshire, total	0	37,518	0	100	0	100	0	8,075	10,505	0	0	2,028
Dartmouth College	0	34,638	0	0	0	0	0	1,583	5,149	0	0	0
NH Cmty Tech Berlin/Lac	0	0	0	0	0	0	0	0	0	0	0	0
St Anselm College	0	0	0	0	0	0	0	0	65	0	0	0
U System of NH Sys Off	0	0	0	0	0	0	0	0	0	0	0	0
U of NH Durham	0	2,880	0	92	0	100	0	6,492	5,271	0	0	2,028
U of NH at Manchester	0	0	0	8	0	0	0	0	0	0	0	0
White Pines College	0	0	0	0	0	0	0	0	20	0	0	0
New Jersey, total	0	90,093	576	237	0	0	49	10,487	45,625	0	0	4,516
College of N Jersey, The	0	0	0	0	0	0	0	0	18	0	0	0
Drew University	0	91	0	0	0	0	0	0	0	0	0	0
Jersey City State College	0	237	0	0	0	0	0	0	0	0	0	0
Kean Col of New Jersey	0	37	0	0	0	0	0	0	0	0	0	0
Monmouth University	0	0	0	0	0	0	0	0	0	0	0	0
New Jersey Inst of Tech	0	0	0	0	0	0	0	722	1,947	0	0	885
Ocean County College	0	0	0	0	0	0	0	0	20	0	0	0
Passaic County CC	0	0	0	0	0	0	0	0	30	0	0	0
Princeton University	0	19,451	15	90	0	0	0	6,247	23,995	0	0	0
Richard Stockton Col NJ	0	0	0	0	0	0	0	0	0	0	0	0
Rider University	0	104	0	0	0	0	0	0	0	0	0	0
Rowan University	0	0	0	42	0	0	0	0	119	0	0	0
Rutgers St U of NJ	0	23,050	561	105	0	0	49	2,743	17,946	0	0	3,631
Seton Hall University	0	135	0	0	0	0	0	0	285	0	0	0
Stevens Institute of Tech	0	0	0	0	0	0	0	194	478	0	0	0
U of Med & Dent of NJ	0	46,988	0	0	0	0	0	581	787	0	0	0
New Mexico, total	0	25,565	0	628	0	0	0	18,750	9,705	0	0	2,487
Eastern NM U	0	0	0	0	0	0	0	0	18	0	0	0
New Mexico Highlands U	0	0	0	0	0	0	0	295	59	0	0	0
New Mexico Inst Mining	0	0	0	182	0	0	0	42	1,649	0	0	2,287
New Mexico St U	0	682	0	337	0	0	0	15,352	1,594	0	0	0
Northern New Mexico CC	0	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
New Mexico, continued:												
Southwestrn Indian Poly	100	0	0	0	0	0	0	0	0	0	0	0
U of New Mexico	46,507	50	0	0	8,769	6,760	1,553	456	3,150	0	0	0
Western New Mexico U	45	0	0	0	45	45	0	0	0	0	0	0
New York, total	1,089,236	18,872	0	8,297	62,799	47,317	3,135	12,347	52,641	0	5,344	6,554
Adelphi University	10	0	0	0	0	0	0	0	0	0	0	0
Albany Col of Pharmacy	385	0	0	0	0	0	0	0	0	0	0	0
Albany Medical College	6,332	0	0	0	299	0	0	299	0	0	0	0
Alfred University	754	0	0	62	549	549	0	0	100	0	0	0
Bank Street Col of Ed	247	0	0	0	0	0	0	0	0	0	247	0
Barnard College	824	0	0	0	75	75	0	0	0	0	0	0
CUNY Bernard Baruch Col	303	0	0	0	128	128	0	0	0	0	0	0
CUNY Bronx CC	3	0	0	3	0	0	0	0	0	0	0	0
CUNY Brooklyn College	2,162	0	0	650	479	479	0	0	0	0	0	0
CUNY City College	8,623	0	0	0	554	554	0	0	1,105	0	0	0
CUNY Col Staten Island	719	50	0	0	173	173	0	0	0	0	0	0
CUNY Grad Schl & U Ctr	1,994	0	0	0	0	0	0	0	0	0	0	0
CUNY Herbert H Lehman Col	461	0	0	0	254	254	0	0	40	0	0	0
CUNY Hostos CC	277	0	0	0	0	0	0	0	0	0	0	0
CUNY Hunter College	5,879	0	0	0	311	251	0	60	196	0	0	0
CUNY J Jay Col Crim Just	746	0	0	0	0	0	0	0	0	0	0	0
CUNY Medgar Evers College	427	0	0	0	0	0	0	0	0	0	0	0
CUNY Mt Sinai Schl of Med	68,789	0	0	0	254	254	0	0	112	0	973	0
CUNY Queens College	2,151	60	0	0	42	42	0	0	0	0	0	0
CUNY System Office	3,679	0	0	0	653	503	150	0	0	0	0	0
CUNY York College	50	0	0	0	50	50	0	0	0	0	0	0
Canisius College	97	0	0	0	0	0	0	0	0	0	0	0
Clarkson University	2,247	0	0	0	214	214	0	0	144	0	0	75
Colgate University	285	0	0	0	0	0	0	0	0	0	0	0
Columbia U Central Off	2,444	0	0	0	385	385	0	0	0	0	0	147
Columbia U City New York	209,604	89	0	5,378	9,855	6,952	675	2,228	6,965	0	0	323
Cornell University	204,466	17,164	0	95	15,947	15,620	239	88	3,587	0	249	507
D'Youville College	20	0	0	0	0	0	0	0	0	0	0	0
Fordham University	995	0	0	24	0	0	0	0	0	0	145	0
Hamilton College	360	0	0	0	0	0	0	0	0	0	0	0
Hartwick College	68	0	0	0	0	0	0	0	0	0	0	0
Hobart & Wm Smith Cols	74	0	0	0	0	0	0	0	0	0	0	0
Hofstra University	204	0	0	0	47	47	0	0	0	0	0	0
Iona College	123	0	0	0	0	0	0	0	0	0	0	0
Ithaca College	152	0	0	0	0	0	0	0	0	0	0	0
Le Moyne College	50	0	0	0	0	0	0	0	0	0	0	0
Long Island University	488	0	0	0	0	0	0	0	0	0	0	0
Manhattan College	544	0	0	0	0	0	0	0	0	0	0	544
Marymount Col (Tarrytown)	27	0	0	0	0	0	0	0	0	0	0	0
Mercy Col (Dobbs Ferry)	60	0	0	0	0	0	0	0	0	0	0	0
NY Inst of Tech	1,168	0	0	0	988	0	0	988	0	0	0	0
NY Medical College	12,765	0	0	0	0	0	0	0	0	0	600	0
NY University	95,235	38	0	255	3,291	2,766	525	0	3,409	0	331	1,728
Niagara University	67	0	0	0	0	0	0	0	0	0	0	0
Pace University	205	0	0	0	0	0	0	0	0	0	0	0
Polytechnic University	2,717	0	0	65	566	566	0	0	250	0	0	0
Pratt Institute	15	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
New Mexico, continued:												
Southwestrn Indian Poly	0	0	0	0	0	0	0	100	0	0	0	0
U of New Mexico	0	24,883	0	109	0	0	0	2,961	6,385	0	0	200
Western New Mexico U	0	0	0	0	0	0	0	0	0	0	0	0
New York, total	0	721,965	344	1,054	0	1,290	25	27,401	179,466	124	47	3,013
Adelphi University	0	0	0	0	0	0	0	0	10	0	0	0
Albany Col of Pharmacy	0	385	0	0	0	0	0	0	0	0	0	0
Albany Medical College	0	5,444	0	0	0	0	0	0	589	0	0	0
Alfred University	0	0	0	0	0	0	0	0	43	0	0	0
Bank Street Col of Ed	0	0	0	0	0	0	0	0	0	0	0	0
Barnard College	0	174	0	0	0	0	0	0	575	0	0	0
CUNY Bernard Baruch Col	0	100	0	0	0	0	0	0	75	0	0	0
CUNY Bronx CC	0	0	0	0	0	0	0	0	0	0	0	0
CUNY Brooklyn College	0	503	0	0	0	0	0	128	402	0	0	0
CUNY City College	0	3,258	0	0	0	0	0	2,185	1,521	0	0	0
CUNY Col Staten Island	0	364	0	0	0	0	0	0	132	0	0	0
CUNY Grad Schl & U Ctr	0	1,737	0	0	0	0	0	0	257	0	0	0
CUNY Herbert H Lehman Col	0	0	0	0	0	0	0	0	167	0	0	0
CUNY Hostos CC	0	277	0	0	0	0	0	0	0	0	0	0
CUNY Hunter College	0	3,963	50	0	0	250	0	176	933	0	0	0
CUNY J Jay Col Crim Just	0	746	0	0	0	0	0	0	0	0	0	0
CUNY Medgar Evers College	0	27	0	0	0	0	0	400	0	0	0	0
CUNY Mt Sinai Schl of Med	0	65,999	0	0	0	0	0	1,127	324	0	0	0
CUNY Queens College	0	1,595	0	0	0	0	0	0	454	0	0	0
CUNY System Office	0	0	15	0	0	299	0	460	1,390	124	0	738
CUNY York College	0	0	0	0	0	0	0	0	0	0	0	0
Canisius College	0	97	0	0	0	0	0	0	0	0	0	0
Clarkson University	0	135	0	0	0	0	0	436	1,243	0	0	0
Colgate University	0	0	0	0	0	0	0	0	285	0	0	0
Columbia U Central Off	0	1,295	0	617	0	0	0	0	0	0	0	0
Columbia U City New York	0	146,230	112	0	0	441	0	9,685	30,526	0	0	0
Cornell University	0	92,803	15	362	0	0	25	4,377	69,335	0	0	0
D'Youville College	0	0	0	0	0	0	0	0	20	0	0	0
Fordham University	0	237	0	0	0	0	0	0	589	0	0	0
Hamilton College	0	113	0	0	0	0	0	0	247	0	0	0
Hartwick College	0	0	0	0	0	0	0	68	0	0	0	0
Hobart & Wm Smith Cols	0	28	0	0	0	0	0	0	46	0	0	0
Hofstra University	0	63	0	0	0	0	0	94	0	0	0	0
Iona College	0	0	0	0	0	0	0	42	81	0	0	0
Ithaca College	0	69	0	0	0	0	0	0	83	0	0	0
Le Moyne College	0	0	0	0	0	0	0	0	50	0	0	0
Long Island University	0	397	0	0	0	0	0	0	91	0	0	0
Manhattan College	0	0	0	0	0	0	0	0	0	0	0	0
Marymount Col (Tarrytown)	0	27	0	0	0	0	0	0	0	0	0	0
Mercy Col (Dobbs Ferry)	0	0	0	0	0	0	0	0	60	0	0	0
NY Inst of Tech	0	0	0	0	0	0	0	0	180	0	0	0
NY Medical College	0	11,768	0	0	0	0	0	0	397	0	0	0
NY University	0	76,676	122	0	0	0	0	297	9,088	0	0	0
Niagara University	0	0	0	0	0	0	0	67	0	0	0	0
Pace University	0	205	0	0	0	0	0	0	0	0	0	0
Polytechnic University	0	0	0	0	0	0	0	59	1,677	0	0	100
Pratt Institute	0	0	15	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
New York, continued:												
Rensselaer Polytech Inst	13,115	0	0	0	3,749	3,749	0	0	953	0	0	590
Roberts Wesleyan College	2	0	0	0	0	0	0	0	0	0	0	0
Rochester Inst Technology	832	0	0	0	140	140	0	0	0	0	0	0
Rockefeller University	43,820	0	0	0	231	231	0	0	1,148	0	0	0
SUNY Col Brockport	148	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Buffalo	3,492	0	0	0	1,276	966	310	0	437	0	1,500	0
SUNY Col Cortland	10	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Env Sci & Forest	846	746	0	0	0	0	0	0	0	0	0	0
SUNY Col Fredonia	37	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Geneseo	166	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Old Westbury	429	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Oneonta	25	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Plattsburgh	316	0	0	0	0	0	0	0	0	0	0	0
SUNY Col Potsdam	45	0	0	0	0	0	0	0	0	0	0	0
SUNY Col of Optometry	446	0	0	0	0	0	0	0	0	0	0	0
SUNY Farmingdale	200	0	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Brklyn	14,681	0	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Syracus	9,425	0	0	0	32	32	0	0	0	0	0	0
SUNY Purchase Col	401	0	0	0	0	0	0	0	0	0	0	0
SUNY System Office	2,197	130	0	0	762	252	0	510	269	0	686	0
SUNY at Albany	17,956	0	0	0	78	78	0	0	1,551	0	0	2,299
SUNY at Binghamton	12,885	87	0	0	8,943	900	35	8,008	85	0	0	91
SUNY at Buffalo	35,611	100	0	0	2,024	2,024	0	0	35	0	0	0
SUNY at New Paltz	5	0	0	0	0	0	0	0	0	0	0	0
SUNY at Stony Brook	75,920	92	0	1,765	3,683	3,683	0	0	5,014	0	0	0
Skidmore College	53	0	0	0	0	0	0	0	0	0	0	0
St John Fisher College	45	0	0	0	0	0	0	0	0	0	0	0
St Johns University (NY)	465	0	0	0	0	0	0	0	0	0	0	0
Syracuse University	14,293	168	0	0	2,278	1,973	305	0	535	0	400	250
Teachers Col Columbia U	1,764	0	0	0	0	0	0	0	0	0	213	0
Union Col (Schenectady)	90	0	0	0	0	0	0	0	0	0	0	0
University of Rochester	119,407	100	0	0	3,675	3,207	302	166	26,706	0	0	0
Vassar College	575	0	0	0	109	109	0	0	0	0	0	0
Villa Maria Col Buffalo	20	0	0	0	0	0	0	0	0	0	0	0
Wells College	48	48	0	0	0	0	0	0	0	0	0	0
Yeshiva University NY	80,171	0	0	0	705	111	594	0	0	0	0	0
North Carolina, total	486,784	15,882	0	3,093	35,172	29,648	3,601	1,923	11,229	0	3,835	8,808
Appalachian St University	264	68	0	0	0	0	0	0	0	0	0	80
Bennett Col (Greensboro)	784	0	0	0	373	373	0	0	0	0	0	0
Davidson College	143	0	0	0	0	0	0	0	0	0	0	0
Duke University	186,892	516	0	64	16,066	13,818	897	1,351	6,031	0	0	1,437
East Carolina University	3,711	0	0	0	170	0	170	0	0	0	0	0
Elizabeth City State U	1,471	0	0	0	306	306	0	0	423	0	0	0
Fayetteville State U	103	0	0	0	0	0	0	0	27	0	0	0
Johnson C Smith U	276	0	0	0	176	176	0	0	0	0	0	0
Livingstone College	176	0	0	0	176	176	0	0	0	0	0	0
NC Ag & Tech State U	9,848	2,835	0	0	1,374	1,374	0	0	189	0	0	0
NC Central University	479	0	0	0	50	50	0	0	0	0	0	0
NC State U	55,216	11,745	0	1,220	10,243	9,070	601	572	2,616	0	164	2,374
Shaw University	500	0	0	0	0	0	0	0	0	0	0	500
St Augustines College	192	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
New York, continued:												
Rensselaer Polytech Inst	0	1,091	0	50	0	0	0	1,412	5,270	0	0	0
Roberts Wesleyan College	0	2	0	0	0	0	0	0	0	0	0	0
Rochester Inst Technology	0	100	0	0	0	0	0	468	124	0	0	0
Rockefeller University	0	41,468	0	0	0	0	0	0	973	0	0	0
SUNY Col Brockport	0	0	0	0	0	0	0	0	148	0	0	0
SUNY Col Buffalo	0	25	0	0	0	0	0	79	175	0	0	0
SUNY Col Cortland	0	0	0	0	0	0	0	0	10	0	0	0
SUNY Col Env Sci & Forest	0	0	0	25	0	0	0	0	75	0	0	0
SUNY Col Fredonia	0	0	0	0	0	0	0	0	37	0	0	0
SUNY Col Geneseo	0	0	0	0	0	0	0	0	166	0	0	0
SUNY Col Old Westbury	0	374	0	0	0	0	0	0	55	0	0	0
SUNY Col Oneonta	0	24	0	0	0	0	0	1	0	0	0	0
SUNY Col Plattsburgh	0	242	0	0	0	0	0	74	0	0	0	0
SUNY Col Potsdam	0	0	0	0	0	0	0	0	45	0	0	0
SUNY Col of Optometry	0	446	0	0	0	0	0	0	0	0	0	0
SUNY Farmingdale	0	0	0	0	0	0	0	0	200	0	0	0
SUNY Hlth Sci Ctr Brklyn	0	14,681	0	0	0	0	0	0	0	0	0	0
SUNY Hlth Sci Ctr Syracus	0	8,998	0	0	0	0	0	0	395	0	0	0
SUNY Purchase Col	0	0	0	0	0	0	0	281	120	0	0	0
SUNY System Office	0	0	0	0	0	30	0	0	320	0	0	0
SUNY at Albany	0	9,236	15	0	0	270	0	1,356	3,104	0	47	0
SUNY at Binghamton	0	1,176	0	0	0	0	0	81	2,422	0	0	0
SUNY at Buffalo	0	22,289	0	0	0	0	0	350	8,638	0	0	2,175
SUNY at New Paltz	0	0	0	0	0	0	0	0	5	0	0	0
SUNY at Stony Brook	0	43,802	0	0	0	0	0	2,245	19,319	0	0	0
Skidmore College	0	0	0	0	0	0	0	0	53	0	0	0
St John Fisher College	0	0	0	0	0	0	0	0	45	0	0	0
St Johns University (NY)	0	261	0	0	0	0	0	0	204	0	0	0
Syracuse University	0	6,076	0	0	0	0	0	340	4,246	0	0	0
Teachers Col Columbia U	0	1,406	0	0	0	0	0	0	145	0	0	0
Union Col (Schenectady)	0	0	0	0	0	0	0	0	90	0	0	0
University of Rochester	0	76,935	0	0	0	0	0	969	11,022	0	0	0
Vassar College	0	0	0	0	0	0	0	0	466	0	0	0
Villa Maria Col Buffalo	0	0	0	0	0	0	0	0	20	0	0	0
Wells College	0	0	0	0	0	0	0	0	0	0	0	0
Yeshiva University NY	0	78,618	0	0	0	0	0	144	704	0	0	0
North Carolina, total	0	349,828	49	1,610	74	284	0	9,126	45,178	0	0	2,616
Appalachian St University	0	56	0	45	0	0	0	0	15	0	0	0
Bennett Col (Greensboro)	0	28	0	0	0	0	0	383	0	0	0	0
Davidson College	0	13	0	0	0	0	0	0	130	0	0	0
Duke University	0	145,048	0	145	0	0	0	1,036	16,085	0	0	464
East Carolina University	0	2,911	0	0	0	0	0	25	605	0	0	0
Elizabeth City State U	0	92	0	0	0	0	0	650	0	0	0	0
Fayetteville State U	0	0	0	0	0	0	0	13	63	0	0	0
Johnson C Smith U	0	0	0	0	0	0	0	100	0	0	0	0
Livingstone College	0	0	0	0	0	0	0	0	0	0	0	0
NC Ag & Tech State U	0	38	0	20	0	0	0	3,135	1,772	0	0	485
NC Central University	0	429	0	0	0	0	0	0	0	0	0	0
NC State U	0	8,363	0	1,375	74	284	0	2,712	13,247	0	0	799
Shaw University	0	0	0	0	0	0	0	0	0	0	0	0
St Augustines College	0	92	0	0	0	0	0	100	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
North Carolina, continued:												
U of NC Asheville	679	0	0	0	0	0	0	0	50	0	0	0
U of NC Chapel Hill	165,365	502	0	172	5,031	3,298	1,733	0	1,818	0	3,400	3,752
U of NC Charlotte	2,534	0	0	166	803	803	0	0	75	0	0	90
U of NC Greensboro	1,634	120	0	0	33	33	0	0	0	0	271	0
U of NC Pembroke	127	0	0	0	0	0	0	0	0	0	0	0
U of NC Wilmington	2,540	0	0	1,471	99	99	0	0	0	0	0	0
Wake Forest University	52,927	0	0	0	272	72	200	0	0	0	0	575
Western Carolina U	259	96	0	0	0	0	0	0	0	0	0	0
Winston Salem State U	664	0	0	0	0	0	0	0	0	0	0	0
North Dakota, total	24,661	7,721	0	357	1,336	1,336	0	0	4,746	0	0	2,310
Fort Bethold CC	234	0	0	234	0	0	0	0	0	0	0	0
Jamestown College	149	0	0	0	0	0	0	0	0	0	0	0
North Dakota St U	12,264	7,092	0	0	1,336	1,336	0	0	70	0	0	0
U of North Dakota	11,891	629	0	0	0	0	0	0	4,676	0	0	2,310
Valley City State U	123	0	0	123	0	0	0	0	0	0	0	0
Ohio, total	375,137	11,043	0	934	45,854	39,408	3,701	2,745	7,926	0	2,349	3,170
Baldwin Wallace College	82	0	0	0	0	0	0	0	0	0	0	0
Bowling Gr St U	1,316	97	0	0	170	170	0	0	0	0	0	80
Case Western Reserve U	143,194	150	0	0	3,727	3,200	527	0	386	0	497	0
Central State U (Wlbrfc)	168	0	0	0	0	0	0	0	18	0	0	0
Cleveland State U	3,573	0	0	0	0	0	0	0	0	0	0	0
College of Wooster	78	0	0	0	0	0	0	0	0	0	0	0
Cuyahoga CC	669	0	0	0	0	0	0	0	0	0	0	0
Denison University	120	0	0	0	0	0	0	0	50	0	0	0
John Carroll University	231	0	0	0	231	231	0	0	0	0	0	0
Kent State U	7,152	0	0	8	852	852	0	0	264	0	184	0
Kenyon College	156	0	0	0	0	0	0	0	0	0	0	0
Lorain County CC	20	0	0	0	0	0	0	0	0	0	0	0
Marion Technical College	20	0	0	0	0	0	0	0	0	0	0	0
Medical College of Ohio	7,611	0	0	0	0	0	0	0	0	0	0	442
Miami University All Cmp	1,177	95	0	0	54	54	0	0	39	0	0	160
Mt Vernon Nazarene Col	20	0	0	0	0	0	0	0	0	0	0	0
North Central Tech Col	23	0	0	0	0	0	0	0	0	0	0	0
Northeastern OH U Col Med	1,291	0	0	0	0	0	0	0	0	0	0	0
Oberlin College	508	0	0	0	0	0	0	0	0	0	0	0
Ohio Northern University	7	0	0	0	0	0	0	0	0	0	0	0
Ohio State U	107,261	10,386	0	920	10,249	7,006	815	2,428	5,554	0	1,044	164
Ohio University	5,949	95	0	6	1,282	1,282	0	0	528	0	0	50
Ohio Wesleyan University	258	0	0	0	57	57	0	0	0	0	0	0
Pontifical Col Josephinum	20	0	0	0	0	0	0	0	0	0	0	0
U of Akron	3,329	0	0	0	100	100	0	0	184	0	0	92
U of Cincinnati	52,942	220	0	0	3,733	2,076	1,657	0	783	0	0	1,456
U of Dayton	23,379	0	0	0	22,187	21,665	465	57	0	0	0	50
U of Toledo	4,220	0	0	0	394	157	237	0	120	0	0	0
Wilberforce University	153	0	0	0	0	0	0	0	0	0	0	0
Wittenberg University	32	0	0	0	0	0	0	0	0	0	0	0
Wright State U	10,078	0	0	0	2,818	2,558	0	260	0	0	624	676
Youngstown State U	100	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
North Carolina, continued:												
U of NC Asheville	0	549	0	0	0	0	0	0	80	0	0	0
U of NC Chapel Hill	0	139,718	49	0	0	0	0	615	9,440	0	0	868
U of NC Charlotte	0	496	0	0	0	0	0	100	804	0	0	0
U of NC Greensboro	0	742	0	0	0	0	0	0	468	0	0	0
U of NC Pembroke	0	0	0	0	0	0	0	127	0	0	0	0
U of NC Wilmington	0	58	0	25	0	0	0	0	887	0	0	0
Wake Forest University	0	50,610	0	0	0	0	0	83	1,387	0	0	0
Western Carolina U	0	0	0	0	0	0	0	0	163	0	0	0
Winston Salem State U	0	585	0	0	0	0	0	47	32	0	0	0
North Dakota, total	0	2,832	0	104	0	0	100	935	2,330	0	0	1,890
Fort Bethold CC	0	0	0	0	0	0	0	0	0	0	0	0
Jamestown College	0	0	0	43	0	0	0	0	106	0	0	0
North Dakota St U	0	660	0	46	0	0	100	50	2,020	0	0	890
U of North Dakota	0	2,172	0	15	0	0	0	885	204	0	0	1,000
Valley City State U	0	0	0	0	0	0	0	0	0	0	0	0
Ohio, total	0	243,247	154	380	489	0	4,000	15,052	38,688	0	0	1,851
Baldwin Wallace College	0	0	0	0	0	0	0	76	6	0	0	0
Bowling Gr St U	0	575	0	0	0	0	0	0	394	0	0	0
Case Western Reserve U	0	129,424	89	0	0	0	0	3,184	5,467	0	0	270
Central State U (Wlbrfc)	0	0	0	0	0	0	0	150	0	0	0	0
Cleveland State U	0	1,129	50	0	0	0	0	2,179	215	0	0	0
College of Wooster	0	0	0	0	0	0	0	0	78	0	0	0
Cuyahoga CC	0	0	0	0	0	0	0	669	0	0	0	0
Denison University	0	0	0	0	0	0	0	38	32	0	0	0
John Carroll University	0	0	0	0	0	0	0	0	0	0	0	0
Kent State U	0	1,716	0	0	0	0	0	186	3,942	0	0	0
Kenyon College	0	0	0	0	0	0	0	0	156	0	0	0
Lorain County CC	0	0	0	0	0	0	0	20	0	0	0	0
Marion Technical College	0	0	0	0	0	0	0	0	20	0	0	0
Medical College of Ohio	0	6,988	0	0	0	0	0	0	181	0	0	0
Miami University All Cmp	0	591	0	0	0	0	0	100	138	0	0	0
Mt Vernon Nazarene Col	0	0	0	0	0	0	0	20	0	0	0	0
North Central Tech Col	0	0	0	0	0	0	0	0	23	0	0	0
Northeastern OH U Col Med	0	1,291	0	0	0	0	0	0	0	0	0	0
Oberlin College	0	0	0	0	0	0	0	0	508	0	0	0
Ohio Northern University	0	0	0	0	0	0	0	7	0	0	0	0
Ohio State U	0	50,439	15	380	489	0	4,000	4,475	19,146	0	0	0
Ohio University	0	1,025	0	0	0	0	0	325	1,173	0	0	1,465
Ohio Wesleyan University	0	0	0	0	0	0	0	0	201	0	0	0
Pontifical Col Josephinum	0	0	0	0	0	0	0	0	20	0	0	0
U of Akron	0	258	0	0	0	0	0	1,006	1,599	0	0	90
U of Cincinnati	0	43,136	0	0	0	0	0	328	3,260	0	0	26
U of Dayton	0	118	0	0	0	0	0	438	586	0	0	0
U of Toledo	0	1,098	0	0	0	0	0	1,578	1,030	0	0	0
Wilberforce University	0	0	0	0	0	0	0	100	53	0	0	0
Wittenberg University	0	0	0	0	0	0	0	32	0	0	0	0
Wright State U	0	5,459	0	0	0	0	0	141	360	0	0	0
Youngstown State U	0	0	0	0	0	0	0	0	100	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Oklahoma, total	57,704	10,296	0	756	5,603	2,983	70	2,550	3,557	0	0	1,251
East Central University	15	15	0	0	0	0	0	0	0	0	0	0
Langston University	2,337	2,271	0	0	0	0	0	0	66	0	0	0
Northeastern OK A&M Col	123	0	0	0	0	0	0	0	0	0	0	0
Oklahoma City University	111	111	0	0	0	0	0	0	0	0	0	0
Oklahoma St U	18,685	7,496	0	0	3,508	1,188	70	2,250	586	0	0	925
Oral Roberts University	27	0	0	0	0	0	0	0	0	0	0	0
Southeastern OK St U	196	0	0	0	113	113	0	0	0	0	0	0
U of Oklahoma	35,069	339	0	756	1,761	1,461	0	300	2,743	0	0	326
U of Tulsa	1,141	64	0	0	221	221	0	0	162	0	0	0
Oregon, total	168,445	14,934	0	2,087	16,373	14,427	1,946	0	17,358	0	1,005	5,187
Lewis & Clark College	269	0	0	0	0	0	0	0	0	0	0	0
Linn Benton Community Col	200	0	0	0	0	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	13,779	0	0	0	7,107	7,087	20	0	649	0	0	578
Oregon Hlth Sciences U	67,210	0	0	0	1,926	0	1,926	0	12,853	0	125	616
Oregon Institute of Tech	400	0	0	0	0	0	0	0	400	0	0	0
Oregon State University	58,050	14,666	0	2,087	5,246	5,246	0	0	1,790	0	0	3,673
Portland State U (OR)	2,552	0	0	0	311	311	0	0	0	0	755	0
Reed College	95	0	0	0	0	0	0	0	0	0	0	0
Southern Oregon U	62	0	0	0	0	0	0	0	0	0	0	0
University of Oregon	25,321	268	0	0	1,783	1,783	0	0	1,666	0	125	320
University of Portland	50	0	0	0	0	0	0	0	0	0	0	0
Western States Chiro Col	380	0	0	0	0	0	0	0	0	0	0	0
Willamette University	77	0	0	0	0	0	0	0	0	0	0	0
Pennsylvania, total	831,217	14,025	0	1,829	143,209	95,412	22,696	25,101	19,182	0	5,529	6,701
Allegheny College	211	0	0	0	0	0	0	0	0	0	0	0
Allegheny U Hlth Sciences	34,647	0	0	0	397	100	297	0	0	0	0	0
Beaver College (Glenside)	55	0	0	0	0	0	0	0	0	0	0	0
Bloomsburg U of PA	26	0	0	0	0	0	0	0	0	0	0	0
Bryn Mawr College	755	0	0	0	0	0	0	0	0	0	0	0
Bucknell University	386	0	0	0	0	0	0	0	0	0	0	0
Cambria County Area CC	17	0	0	0	0	0	0	0	0	0	0	0
Carlow College	75	0	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U	98,277	197	0	314	54,066	48,843	3,671	1,552	4,890	0	0	1,718
Clarion U of PA	162	50	0	0	0	0	0	0	0	0	0	0
Dickinson College	190	0	0	0	0	0	0	0	0	0	0	0
Drexel University	7,458	0	0	45	777	777	0	0	297	0	0	0
Duquesne University	1,029	97	0	0	0	0	0	0	0	0	0	92
Franklin & Marshall Col	270	0	0	0	0	0	0	0	0	0	0	0
Geneva College	26	0	0	0	0	0	0	0	0	0	0	0
Haverford College	480	0	0	0	0	0	0	0	0	0	0	0
Indiana U of PA	334	0	0	0	0	0	0	0	0	0	0	0
Juniata College	146	0	0	0	0	0	0	0	0	0	0	0
Lafayette College	533	0	0	0	0	0	0	0	0	0	0	0
Lehigh University	9,946	0	0	0	3,204	2,081	0	1,123	699	0	0	219
Lincoln U (Linc U PA)	684	0	0	0	300	300	0	0	43	0	0	0
Luzerne County CC	25	0	0	0	0	0	0	0	0	0	0	0
Millersville U of PA	12	0	0	0	0	0	0	0	0	0	0	0
Moravian College	161	0	0	0	0	0	0	0	0	0	0	0
Muhlenberg College	217	0	0	0	0	0	0	0	0	0	0	0
PA Col of Optometry	270	0	0	0	0	0	0	0	0	0	0	0
PA St U University Park	176,872	12,731	0	991	63,595	33,069	9,204	21,322	4,634	0	245	3,949

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Oklahoma, total	0	24,248	0	356	0	0	0	945	10,692	0	0	0
East Central University	0	0	0	0	0	0	0	0	0	0	0	0
Langston University	0	0	0	0	0	0	0	0	0	0	0	0
Northeastern OK A&M Col	0	123	0	0	0	0	0	0	0	0	0	0
Oklahoma City University	0	0	0	0	0	0	0	0	0	0	0	0
Oklahoma St U	0	1,940	0	343	0	0	0	112	3,775	0	0	0
Oral Roberts University	0	0	0	0	0	0	0	27	0	0	0	0
Southeastern OK St U	0	83	0	0	0	0	0	0	0	0	0	0
U of Oklahoma	0	21,826	0	13	0	0	0	796	6,509	0	0	0
U of Tulsa	0	276	0	0	0	0	0	10	408	0	0	0
Oregon, total	0	74,149	0	1,550	0	350	0	5,135	29,159	650	0	508
Lewis & Clark College	0	269	0	0	0	0	0	0	0	0	0	0
Linn Benton Community Col	0	200	0	0	0	0	0	0	0	0	0	0
Oregon Grad Inst Sci Tech	0	1,947	0	80	0	0	0	107	3,311	0	0	0
Oregon Hlth Sciences U	0	51,120	0	0	0	0	0	166	404	0	0	0
Oregon Institute of Tech	0	0	0	0	0	0	0	0	0	0	0	0
Oregon State University	0	8,469	0	1,291	0	0	0	4,638	15,164	650	0	376
Portland State U (OR)	0	1,108	0	0	0	0	0	44	334	0	0	0
Reed College	0	80	0	0	0	0	0	0	15	0	0	0
Southern Oregon U	0	0	0	0	0	0	0	0	62	0	0	0
University of Oregon	0	10,576	0	179	0	300	0	180	9,792	0	0	132
University of Portland	0	0	0	0	0	50	0	0	0	0	0	0
Western States Chiro Col	0	380	0	0	0	0	0	0	0	0	0	0
Willamette University	0	0	0	0	0	0	0	0	77	0	0	0
Pennsylvania, total	0	528,985	202	985	0	1,038	10	16,481	89,965	204	0	2,872
Allegheny College	0	0	0	0	0	0	0	55	156	0	0	0
Allegheny U Hlth Sciences	0	33,572	0	0	0	0	0	0	678	0	0	0
Beaver College (Glenside)	0	55	0	0	0	0	0	0	0	0	0	0
Bloomsburg U of PA	0	0	0	0	0	0	0	26	0	0	0	0
Bryn Mawr College	0	180	0	0	0	0	0	0	575	0	0	0
Bucknell University	0	181	0	0	0	0	0	21	184	0	0	0
Cambria County Area CC	0	0	0	0	0	0	0	0	17	0	0	0
Carlow College	0	75	0	0	0	0	0	0	0	0	0	0
Carnegie Mellon U	0	10,249	0	0	0	0	0	3,603	21,975	0	0	1,265
Clarion U of PA	0	0	0	0	0	0	0	72	40	0	0	0
Dickinson College	0	90	0	0	0	0	0	0	100	0	0	0
Drexel University	0	1,086	0	0	0	0	0	477	4,776	0	0	0
Duquesne University	0	370	0	0	0	0	0	0	470	0	0	0
Franklin & Marshall Col	0	0	0	0	0	0	0	0	264	6	0	0
Geneva College	0	0	0	0	0	0	0	0	26	0	0	0
Haverford College	0	0	0	0	0	0	0	0	480	0	0	0
Indiana U of PA	0	300	0	0	0	0	0	0	34	0	0	0
Juniata College	0	25	0	0	0	0	0	0	121	0	0	0
Lafayette College	0	0	0	0	0	0	0	67	466	0	0	0
Lehigh University	0	853	0	120	0	0	0	50	4,561	0	0	240
Lincoln U (Linc U PA)	0	123	0	0	0	0	0	218	0	0	0	0
Luzerne County CC	0	0	0	0	0	0	0	0	25	0	0	0
Millersville U of PA	0	0	0	0	0	0	0	0	12	0	0	0
Moravian College	0	0	0	0	0	0	0	0	161	0	0	0
Muhlenberg College	0	0	0	0	0	0	0	0	217	0	0	0
PA Col of Optometry	0	270	0	0	0	0	0	0	0	0	0	0
PA St U University Park	0	54,825	0	865	0	23	0	9,639	23,810	198	0	1,367

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Pennsylvania, continued:												
Phila Col Osteopathic Med	86	0	0	0	0	0	0	0	0	0	0	0
Phila Col of Pharm & Sci	235	0	0	0	34	0	0	34	0	0	0	0
Phila Col of Text & Sci	162	0	0	0	73	73	0	0	0	0	0	0
St Francis Col (Loretto)	3,423	0	0	0	3,423	160	3,263	0	0	0	0	0
St Joseph's University	231	110	0	0	0	0	0	0	0	0	0	0
St Vincent College & Sem	21	21	0	0	0	0	0	0	0	0	0	0
Susquehanna University	137	0	0	0	0	0	0	0	0	0	0	0
Swarthmore College	1,184	0	0	0	0	0	0	0	161	0	0	0
Temple University	22,402	0	0	0	392	392	0	0	314	0	0	0
Thomas Jefferson U	50,263	0	0	0	687	177	0	510	0	0	373	120
U of Pennsylvania	242,011	819	0	267	8,044	5,523	1,961	560	6,637	0	3,548	603
U of Pittsburgh	176,721	0	0	212	8,031	3,731	4,300	0	1,507	0	1,363	0
U of Scranton	145	0	0	0	0	0	0	0	0	0	0	0
Valley Forge Christ Col	20	0	0	0	0	0	0	0	0	0	0	0
Villanova University	544	0	0	0	138	138	0	0	0	0	0	0
West Chester U of PA	220	0	0	0	0	0	0	0	0	0	0	0
Widener U All Campuses	100	0	0	0	0	0	0	0	0	0	0	0
Wilkes University	48	0	0	0	48	48	0	0	0	0	0	0
Rhode Island, total	70,411	1,921	0	4,029	13,266	12,133	592	541	2,847	0	0	400
Brown University	44,119	60	0	0	7,568	6,857	382	329	2,822	0	0	0
Bryant College	2,000	0	0	0	2,000	2,000	0	0	0	0	0	0
U of Rhode Island	24,292	1,861	0	4,029	3,698	3,276	210	212	25	0	0	400
South Carolina, total	105,543	6,527	0	2,720	24,231	16,696	2,437	5,098	17,802	0	0	1,239
Benedict College	1,554	0	0	0	334	334	0	0	0	0	0	0
Claflin College	199	0	0	0	117	117	0	0	0	0	0	82
Clemson University	17,887	4,808	0	58	2,536	2,188	0	348	6,279	0	0	0
Coker College	248	0	0	0	0	0	0	0	0	0	0	0
College of Charleston	601	0	0	0	13	13	0	0	0	0	0	0
Florence-Drlngtn Tech Col	476	0	0	476	0	0	0	0	0	0	0	0
Furman University	156	3	0	0	0	0	0	0	0	0	0	0
Medical U of S Carolina	39,060	117	0	0	5,424	674	0	4,750	6,243	0	0	22
SC Sea Grant Consortium	1,927	0	0	1,927	0	0	0	0	0	0	0	0
SC State University	4,053	1,359	0	0	443	443	0	0	782	0	0	0
Spartanburg Technical Col	154	0	0	154	0	0	0	0	0	0	0	0
U of SC All Campuses	39,197	240	0	105	15,364	12,927	2,437	0	4,498	0	0	1,135
Wofford College	31	0	0	0	0	0	0	0	0	0	0	0
South Dakota, total	13,151	3,301	0	55	567	333	234	0	0	0	0	0
Augustana Col (Sioux Fls)	19	0	0	0	0	0	0	0	0	0	0	0
Dakota State University	181	0	0	0	0	0	0	0	0	0	0	0
Oglala Lakota College	2,337	0	0	0	0	0	0	0	0	0	0	0
Presentation College	20	0	0	0	0	0	0	0	0	0	0	0
SD School Mines & Tech	2,380	0	0	0	234	0	234	0	0	0	0	0
SD State University	4,978	3,214	0	0	333	333	0	0	0	0	0	0
U of S Dakota	3,236	87	0	55	0	0	0	0	0	0	0	0
Tennessee, total	190,156	8,093	0	444	14,986	13,763	132	1,091	9,354	0	887	2,858
Austin Peay State U	4	0	0	0	0	0	0	0	0	0	0	0
Cooper Institute	1,581	0	0	0	0	0	0	0	0	0	0	0
Cumberland School of Tech	10	10	0	0	0	0	0	0	0	0	0	0
East Tennessee State U	1,352	0	0	0	0	0	0	0	0	0	0	0
Fisk University	2,461	0	0	0	509	509	0	0	152	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Pennsylvania, continued:												
Phila Col Osteopathic Med	0	86	0	0	0	0	0	0	0	0	0	0
Phila Col of Pharm & Sci	0	181	0	0	0	0	0	0	20	0	0	0
Phila Col of Text & Sci	0	0	0	0	0	0	0	0	89	0	0	0
St Francis Col (Loretto)	0	0	0	0	0	0	0	0	0	0	0	0
St Joseph's University	0	0	0	0	0	0	0	0	121	0	0	0
St Vincent College & Sem	0	0	0	0	0	0	0	0	0	0	0	0
Susquehanna University	0	137	0	0	0	0	0	0	0	0	0	0
Swarthmore College	0	0	0	0	0	0	0	0	1,023	0	0	0
Temple University	0	20,661	15	0	0	105	0	50	865	0	0	0
Thomas Jefferson U	0	48,836	0	0	0	0	0	0	247	0	0	0
U of Pennsylvania	0	204,157	187	0	0	0	10	1,013	16,726	0	0	0
U of Pittsburgh	0	152,538	0	0	0	910	0	1,024	11,136	0	0	0
U of Scranton	0	135	0	0	0	0	0	0	10	0	0	0
Valley Forge Christ Col	0	0	0	0	0	0	0	0	20	0	0	0
Villanova University	0	0	0	0	0	0	0	146	260	0	0	0
West Chester U of PA	0	0	0	0	0	0	0	20	200	0	0	0
Widener U All Campuses	0	0	0	0	0	0	0	0	100	0	0	0
Wilkes University	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island, total	0	25,335	0	650	0	0	13	2,894	19,056	0	0	0
Brown University	0	19,924	0	161	0	0	0	2,052	11,532	0	0	0
Bryant College	0	0	0	0	0	0	0	0	0	0	0	0
U of Rhode Island	0	5,411	0	489	0	0	13	842	7,524	0	0	0
South Carolina, total	0	37,150	50	406	0	1,000	0	2,769	11,344	0	0	305
Benedict College	0	676	0	0	0	0	0	0	544	0	0	0
Claflin College	0	0	0	0	0	0	0	0	0	0	0	0
Clemson University	0	432	0	4	0	0	0	933	2,837	0	0	0
Coker College	0	0	0	248	0	0	0	0	0	0	0	0
College of Charleston	0	0	0	0	0	0	0	8	580	0	0	0
Florence-Drlngtn Tech Col	0	0	0	0	0	0	0	0	0	0	0	0
Furman University	0	0	0	0	0	0	0	40	113	0	0	0
Medical U of S Carolina	0	26,613	0	0	0	0	0	87	554	0	0	0
SC Sea Grant Consortium	0	0	0	0	0	0	0	0	0	0	0	0
SC State University	0	251	0	0	0	0	0	1,021	197	0	0	0
Spartanburg Technical Col	0	0	0	0	0	0	0	0	0	0	0	0
U of SC All Campuses	0	9,178	50	154	0	1,000	0	649	6,519	0	0	305
Wofford College	0	0	0	0	0	0	0	31	0	0	0	0
South Dakota, total	0	1,585	0	575	0	0	0	426	6,642	0	0	0
Augustana Col (Sioux Fls)	0	0	0	0	0	0	0	19	0	0	0	0
Dakota State University	0	0	0	0	0	0	0	0	181	0	0	0
Oglala Lakota College	0	0	0	0	0	0	0	0	2,337	0	0	0
Presentation College	0	0	0	0	0	0	0	0	20	0	0	0
SD School Mines & Tech	0	0	0	0	0	0	0	250	1,896	0	0	0
SD State University	0	353	0	568	0	0	0	157	353	0	0	0
U of S Dakota	0	1,232	0	7	0	0	0	0	1,855	0	0	0
Tennessee, total	0	131,012	0	1,164	0	0	0	5,381	14,905	0	0	1,072
Austin Peay State U	0	0	0	4	0	0	0	0	0	0	0	0
Cooper Institute	0	1,581	0	0	0	0	0	0	0	0	0	0
Cumberland School of Tech	0	0	0	0	0	0	0	0	0	0	0	0
East Tennessee State U	0	1,211	0	0	0	0	0	112	29	0	0	0
Fisk University	0	38	0	0	0	0	0	1,574	0	0	0	188

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Tennessee, continued:												
Hiwassee College	20	0	0	0	0	0	0	0	0	0	0	0
Le Moyne Owen College	20	20	0	0	0	0	0	0	0	0	0	0
Lincoln Memorial U	1	0	0	0	0	0	0	0	0	0	0	0
Meharry Medical College	8,277	0	0	0	301	0	0	301	0	0	0	0
Middle TN State U	43	0	0	0	0	0	0	0	43	0	0	0
Rhodes College	72	8	0	0	0	0	0	0	0	0	0	0
Roane State CC	20	0	0	0	0	0	0	0	20	0	0	0
Tennessee State U	5,382	1,868	0	0	794	794	0	0	0	0	0	0
Tennessee Technological U	867	0	0	0	0	0	0	0	219	0	0	247
U of Memphis	5,614	30	0	0	115	115	0	0	57	0	385	0
U of Tennessee Chtnooga	6	0	0	0	0	0	0	0	0	0	0	0
U of Tennessee Knoxville	34,788	5,838	0	444	3,174	2,384	0	790	7,768	0	0	2,611
U of Tennessee Memphis	22,391	0	0	0	379	379	0	0	0	0	0	0
U of Tennessee U-Wide Adm	515	109	0	0	327	327	0	0	0	0	0	0
Vanderbilt University	106,732	210	0	0	9,387	9,255	132	0	1,095	0	502	0
Texas, total	706,627	19,556	0	3,022	100,435	67,742	10,723	21,970	20,631	0	2,117	8,342
Abilene Christian U	119	0	0	0	0	0	0	0	119	0	0	0
Alamo CC District	194	0	0	0	0	0	0	0	0	0	0	0
Baylor Col of Medicine	94,634	795	0	184	502	0	202	300	0	0	1,377	133
Baylor University	467	20	0	0	0	0	0	0	348	0	0	0
El Paso Community College	243	0	0	0	0	0	0	0	0	0	0	0
Houston Community College	300	0	0	0	0	0	0	0	100	0	0	0
Jarvis Christian College	208	0	0	0	108	108	0	0	0	0	0	0
Lamar University	2,589	0	0	0	0	0	0	0	0	0	0	2,450
Laredo Community College	587	0	0	587	0	0	0	0	0	0	0	0
Lubbock Christian U	12	12	0	0	0	0	0	0	0	0	0	0
McMurry University	13	0	0	0	0	0	0	0	0	0	0	0
Midwestern State U	98	0	0	0	0	0	0	0	0	0	0	0
Odessa College	119	0	0	0	119	119	0	0	0	0	0	0
Our Lady of the Lake U	380	0	0	0	186	186	0	0	0	0	0	0
Prairie View A&M U	9,501	3,249	0	0	576	82	0	494	518	0	0	0
Rice University	28,373	195	0	35	4,473	4,473	0	0	2,578	0	0	160
Sam Houston State U	88	40	0	0	0	0	0	0	0	0	0	0
Southern Methodist U	3,082	136	0	52	577	577	0	0	457	0	0	0
Southwest Texas St U	742	17	0	0	0	0	0	0	0	0	0	0
St Edwards University	179	0	0	0	162	162	0	0	0	0	0	0
Stephen F Austin St U	278	278	0	0	0	0	0	0	0	0	0	0
Tarleton State University	700	0	0	0	0	0	0	0	0	0	0	700
Tarrant Co Jr Col	860	860	0	0	0	0	0	0	0	0	0	0
Texas A&M International U	1,390	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U	58,341	11,533	0	1,135	3,190	3,093	0	97	2,414	0	0	1,519
Texas A&M U Corpus Chrsti	34	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U Galveston	1,350	0	0	0	1,350	0	0	1,350	0	0	0	0
Texas A&M U Kingsville	816	25	0	0	0	0	0	0	0	0	0	0
Texas A&M U Sys Baylor	635	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U System Office	5,008	807	0	580	793	683	0	110	1,125	0	0	0
Texas Christian U	2,104	0	0	0	0	0	0	0	0	0	0	0
Texas Southern U	1,929	0	0	0	0	0	0	0	0	0	0	0
Texas Southmost College	160	0	0	0	0	0	0	0	0	0	0	0
Texas Tech University	10,676	909	0	0	2,603	2,528	0	75	879	0	0	383
Texas Womans University	1,298	0	0	0	0	0	0	0	0	0	150	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Tennessee, continued:												
Hiwassee College	0	0	0	0	0	0	0	0	20	0	0	0
Le Moyne Owen College	0	0	0	0	0	0	0	0	0	0	0	0
Lincoln Memorial U	0	0	0	1	0	0	0	0	0	0	0	0
Meharry Medical College	0	7,976	0	0	0	0	0	0	0	0	0	0
Middle TN State U	0	0	0	0	0	0	0	0	0	0	0	0
Rhodes College	0	0	0	0	0	0	0	20	44	0	0	0
Roane State CC	0	0	0	0	0	0	0	0	0	0	0	0
Tennessee State U	0	891	0	0	0	0	0	1,001	828	0	0	0
Tennessee Technological U	0	0	0	107	0	0	0	44	250	0	0	0
U of Memphis	0	2,792	0	424	0	0	0	155	1,656	0	0	0
U of Tennessee Chtnooga	0	0	0	0	0	0	0	0	6	0	0	0
U of Tennessee Knoxville	0	5,633	0	504	0	0	0	1,325	6,607	0	0	884
U of Tennessee Memphis	0	21,338	0	45	0	0	0	0	629	0	0	0
U of Tennessee U-Wide Adm	0	0	0	79	0	0	0	0	0	0	0	0
Vanderbilt University	0	89,552	0	0	0	0	0	1,150	4,836	0	0	0
Texas, total	0	445,220	0	2,206	320	0	0	32,872	69,165	4	0	2,737
Abilene Christian U	0	0	0	0	0	0	0	0	0	0	0	0
Alamo CC District	0	0	0	0	0	0	0	194	0	0	0	0
Baylor Col of Medicine	0	89,399	0	0	0	0	0	1,475	769	0	0	0
Baylor University	0	0	0	0	0	0	0	0	99	0	0	0
El Paso Community College	0	0	0	0	0	0	0	0	243	0	0	0
Houston Community College	0	0	0	0	0	0	0	0	200	0	0	0
Jarvis Christian College	0	0	0	0	0	0	0	100	0	0	0	0
Lamar University	0	0	0	0	0	0	0	139	0	0	0	0
Laredo Community College	0	0	0	0	0	0	0	0	0	0	0	0
Lubbock Christian U	0	0	0	0	0	0	0	0	0	0	0	0
McMurry University	0	0	0	0	0	0	0	13	0	0	0	0
Midwestern State U	0	0	0	0	0	0	0	0	98	0	0	0
Odessa College	0	0	0	0	0	0	0	0	0	0	0	0
Our Lady of the Lake U	0	0	0	0	0	0	0	194	0	0	0	0
Prairie View A&M U	0	0	0	0	0	0	0	5,058	100	0	0	0
Rice University	0	4,344	0	22	0	0	0	3,774	12,792	0	0	0
Sam Houston State U	0	48	0	0	0	0	0	0	0	0	0	0
Southern Methodist U	0	928	0	0	0	0	0	84	848	0	0	0
Southwest Texas St U	0	506	0	15	0	0	0	93	111	0	0	0
St Edwards University	0	0	0	0	0	0	0	0	17	0	0	0
Stephen F Austin St U	0	0	0	0	0	0	0	0	0	0	0	0
Tarleton State University	0	0	0	0	0	0	0	0	0	0	0	0
Tarrant Co Jr Col	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M International U	0	0	0	1,390	0	0	0	0	0	0	0	0
Texas A&M U	0	19,249	0	115	320	0	0	3,695	14,445	0	0	726
Texas A&M U Corpus Chrsti	0	0	0	34	0	0	0	0	0	0	0	0
Texas A&M U Galveston	0	0	0	0	0	0	0	0	0	0	0	0
Texas A&M U Kingsville	0	711	0	0	0	0	0	29	51	0	0	0
Texas A&M U Sys Baylor	0	635	0	0	0	0	0	0	0	0	0	0
Texas A&M U System Office	0	0	0	20	0	0	0	83	0	0	0	1,600
Texas Christian U	0	1,920	0	0	0	0	0	42	142	0	0	0
Texas Southern U	0	1,117	0	0	0	0	0	725	87	0	0	0
Texas Southmost College	0	0	0	0	0	0	0	160	0	0	0	0
Texas Tech University	0	3,430	0	205	0	0	0	271	1,996	0	0	0
Texas Womans University	0	1,043	0	0	0	0	0	0	105	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Texas, continued:												
Trinity University	614	0	0	0	0	0	0	0	0	0	0	0
U of Dallas	36	0	0	0	0	0	0	0	0	0	0	0
U of Houston	17,662	0	0	7	1,329	1,329	0	0	1,239	0	0	241
U of Houston Clear Lake	896	35	0	0	0	0	0	0	0	0	0	0
U of Houston Downtown	745	0	0	0	25	25	0	0	0	0	0	0
U of Houston Sys Admin	518	0	0	0	518	518	0	0	0	0	0	0
U of N Texas	1,187	97	0	50	395	245	0	150	102	0	0	0
U of N Texas Hlth Sci Ctr	3,513	0	0	0	0	0	0	0	0	0	0	0
U of TX Arlington	6,274	0	0	0	2,956	2,481	0	475	471	0	0	846
U of TX Austin	94,607	189	0	342	39,381	19,305	2,841	17,235	8,415	0	0	910
U of TX Dallas	4,292	0	0	50	877	827	0	50	269	0	0	0
U of TX El Paso	9,637	0	0	0	1,121	1,121	0	0	0	0	0	1,000
U of TX Hlth Sci Houston	66,250	179	0	0	390	390	0	0	0	0	0	0
U of TX Hlth Sci S Anto	43,333	0	0	0	640	640	0	0	0	0	0	0
U of TX MD Anderson Cancr	59,250	80	0	0	2,815	1,422	1,393	0	0	0	0	0
U of TX Med Brnch Galvstn	46,227	95	0	0	2,282	1,171	1,096	15	270	0	295	0
U of TX Pan American	218	0	0	0	182	182	0	0	0	0	0	0
U of TX Permian Basin	260	0	0	0	0	0	0	0	260	0	0	0
U of TX SW Med Ctr Dals	92,547	0	0	0	6,044	4,125	300	1,619	655	0	295	0
U of TX San Antonio	4,081	0	0	0	1,530	1,530	0	0	0	0	0	0
U of TX System Office	26,384	0	0	0	25,311	20,420	4,891	0	310	0	0	0
U of TX Tyler	242	0	0	0	0	0	0	0	0	0	0	0
U of the Incarnate Word	240	0	0	0	0	0	0	0	0	0	0	0
West Texas A&M U	107	5	0	0	0	0	0	0	102	0	0	0
Utah, total	132,821	6,146	0	665	20,935	5,502	15,161	272	4,521	0	612	663
Brigham Young U	4,720	100	0	0	843	788	0	55	444	0	0	240
University of Utah	93,190	510	0	665	2,942	2,413	312	217	3,832	0	0	346
Utah State University	34,676	5,536	0	0	16,990	2,141	14,849	0	245	0	612	27
Utah Valley State College	25	0	0	0	0	0	0	0	0	0	0	0
Weber State University	210	0	0	0	160	160	0	0	0	0	0	50
Vermont, total	33,900	4,196	0	0	459	459	0	0	733	0	700	0
Middlebury College	454	0	0	0	0	0	0	0	0	0	0	0
St Michaels College	11	0	0	0	0	0	0	0	0	0	0	0
University of Vermont	33,417	4,196	0	0	459	459	0	0	733	0	700	0
Woodbury College	18	0	0	0	0	0	0	0	0	0	0	0
Virginia, total	238,396	9,362	0	2,114	30,619	22,365	895	7,359	22,538	0	1,423	3,106
Col William & Mary All C	7,734	19	0	886	1,056	1,056	0	0	606	0	0	1,097
Eastern VA Medical Schl	4,628	0	0	0	0	0	0	0	0	0	0	0
Emory & Henry College	8	0	0	0	0	0	0	0	0	0	0	0
George Mason University	14,740	15	0	0	10,270	3,341	20	6,909	125	0	0	70
Hampton University	12,859	0	0	0	3,267	3,267	0	0	820	0	0	0
Hollins College	27	0	0	0	0	0	0	0	0	0	0	0
James Madison University	273	92	0	0	0	0	0	0	0	0	0	24
Longwood College	29	0	0	0	0	0	0	0	0	0	0	0
Norfolk State University	1,135	0	0	0	0	0	0	0	80	0	0	0
Old Dominion University	7,388	0	0	115	1,279	1,279	0	0	1,304	0	0	0
Sweet Briar College	136	0	0	0	0	0	0	0	0	0	0	0
U of Richmond	370	0	0	0	0	0	0	0	249	0	0	0
U of Virginia	90,292	0	0	839	7,328	6,458	520	350	2,586	0	124	429
Virginia Commonwealth U	41,296	0	0	164	80	80	0	0	184	0	1,134	45
Virginia Military Inst	71	38	0	0	0	0	0	0	0	0	0	0
Virginia Poly Inst & St U	53,227	7,402	0	110	7,068	6,613	355	100	16,584	0	165	1,441

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Texas, continued:												
Trinity University	0	297	0	0	0	0	0	0	317	0	0	0
U of Dallas	0	0	0	0	0	0	0	0	36	0	0	0
U of Houston	0	5,387	0	70	0	0	0	4,521	4,868	0	0	0
U of Houston Clear Lake	0	0	0	0	0	0	0	861	0	0	0	0
U of Houston Downtown	0	0	0	0	0	0	0	0	720	0	0	0
U of Houston Sys Admin	0	0	0	0	0	0	0	0	0	0	0	0
U of N Texas	0	53	0	30	0	0	0	120	340	0	0	0
U of N Texas Hlth Sci Ctr	0	3,281	0	0	0	0	0	232	0	0	0	0
U of TX Arlington	0	427	0	12	0	0	0	100	1,412	0	0	50
U of TX Austin	0	18,353	0	188	0	0	0	5,852	20,612	4	0	361
U of TX Dallas	0	983	0	0	0	0	0	709	1,404	0	0	0
U of TX El Paso	0	1,596	0	105	0	0	0	932	4,883	0	0	0
U of TX Hlth Sci Houston	0	64,642	0	0	0	0	0	744	295	0	0	0
U of TX Hlth Sci S Anto	0	42,219	0	0	0	0	0	166	308	0	0	0
U of TX MD Anderson Cancr	0	55,975	0	0	0	0	0	270	110	0	0	0
U of TX Med Brnch Galvstn	0	42,653	0	0	0	0	0	208	424	0	0	0
U of TX Pan American	0	0	0	0	0	0	0	0	36	0	0	0
U of TX Permian Basin	0	0	0	0	0	0	0	0	0	0	0	0
U of TX SW Med Ctr Dals	0	83,509	0	0	0	0	0	1,539	505	0	0	0
U of TX San Antonio	0	1,270	0	0	0	0	0	489	792	0	0	0
U of TX System Office	0	763	0	0	0	0	0	0	0	0	0	0
U of TX Tyler	0	242	0	0	0	0	0	0	0	0	0	0
U of the Incarnate Word	0	240	0	0	0	0	0	0	0	0	0	0
West Texas A&M U	0	0	0	0	0	0	0	0	0	0	0	0
Utah, total	0	73,653	0	682	0	0	0	7,375	17,561	0	0	8
Brigham Young U	0	1,436	0	0	0	0	0	637	1,012	0	0	8
University of Utah	0	69,702	0	157	0	0	0	961	14,075	0	0	0
Utah State University	0	2,515	0	525	0	0	0	5,777	2,449	0	0	0
Utah Valley State College	0	0	0	0	0	0	0	0	25	0	0	0
Weber State University	0	0	0	0	0	0	0	0	0	0	0	0
Vermont, total	0	23,670	0	126	0	0	0	232	3,784	0	0	0
Middlebury College	0	192	0	0	0	0	0	60	202	0	0	0
St Michaels College	0	0	0	0	0	0	0	0	11	0	0	0
University of Vermont	0	23,478	0	126	0	0	0	172	3,553	0	0	0
Woodbury College	0	0	0	0	0	0	0	0	18	0	0	0
Virginia, total	0	110,482	15	2,023	1,289	100	0	19,941	31,863	325	98	3,098
Col William & Mary All C	0	107	0	83	0	0	0	781	3,099	0	0	0
Eastern VA Medical Schl	0	3,339	0	0	1,289	0	0	0	0	0	0	0
Emory & Henry College	0	0	0	0	0	0	0	8	0	0	0	0
George Mason University	0	665	15	30	0	0	0	1,563	1,778	0	0	209
Hampton University	0	565	0	0	0	0	0	6,159	2,048	0	0	0
Hollins College	0	27	0	0	0	0	0	0	0	0	0	0
James Madison University	0	0	0	81	0	0	0	46	30	0	0	0
Longwood College	0	0	0	0	0	0	0	29	0	0	0	0
Norfolk State University	0	116	0	0	0	0	0	380	346	0	0	213
Old Dominion University	0	259	0	64	0	0	0	2,320	2,047	0	0	0
Sweet Briar College	0	0	0	0	0	0	0	0	136	0	0	0
U of Richmond	0	55	0	0	0	0	0	0	66	0	0	0
U of Virginia	0	62,705	0	98	0	100	0	3,344	11,738	325	0	676
Virginia Commonwealth U	0	38,510	0	0	0	0	0	343	738	0	98	0
Virginia Military Inst	0	0	0	0	0	0	0	0	33	0	0	0
Virginia Poly Inst & St U	0	3,196	0	513	0	0	0	4,968	9,780	0	0	2,000

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Virginia, continued:												
Virginia State University	3,943	1,796	0	0	271	271	0	0	0	0	0	0
Virginia Union University	128	0	0	0	0	0	0	0	0	0	0	0
Washington & Lee U	112	0	0	0	0	0	0	0	0	0	0	0
Washington, total	350,870	14,810	0	5,223	28,580	22,999	1,388	4,193	18,957	0	202	3,293
Central Washington U	738	0	0	0	0	0	0	0	0	0	0	0
Eastern Washington U	631	0	0	378	0	0	0	0	0	0	202	0
Evergreen State College	348	0	0	0	0	0	0	0	0	0	0	0
Gonzaga University	112	0	0	0	0	0	0	0	0	0	0	0
Pacific Lutheran U	32	0	0	0	0	0	0	0	0	0	0	0
Seattle University	32	0	0	0	0	0	0	0	0	0	0	0
University of Puget Sound	19	0	0	0	0	0	0	0	0	0	0	0
University of Washington	314,938	3,552	0	4,699	26,355	20,774	1,388	4,193	16,129	0	0	2,905
Washington State U	32,155	11,258	0	146	1,553	1,553	0	0	2,828	0	0	388
Western Washington U	1,626	0	0	0	666	666	0	0	0	0	0	0
Whitman College	194	0	0	0	6	6	0	0	0	0	0	0
Whitworth College	45	0	0	0	0	0	0	0	0	0	0	0
West Virginia, total	18,968	3,491	0	0	837	837	0	0	3,626	0	0	50
Fairmont State College	180	3	0	0	0	0	0	0	0	0	0	0
Marshall U Graduate Col	1,610	16	0	0	370	370	0	0	0	0	0	0
Salem Teikyo University	318	0	0	0	0	0	0	0	0	0	0	0
WV University (Morgantwn)	16,256	3,472	0	0	467	467	0	0	3,626	0	0	50
WV Wesleyan College	14	0	0	0	0	0	0	0	0	0	0	0
Wheeling Jesuit U	590	0	0	0	0	0	0	0	0	0	0	0
Wisconsin, total	257,048	11,713	0	3,209	8,226	7,370	759	97	17,235	0	5,496	1,946
Alverno College	71	0	0	0	0	0	0	0	0	0	0	0
Beloit College	31	0	0	0	0	0	0	0	0	0	0	0
Carroll Col (Waukesha)	6	0	0	0	0	0	0	0	0	0	0	0
Edgewood College	27	0	0	0	27	27	0	0	0	0	0	0
Lawrence University	90	0	0	0	0	0	0	0	0	0	0	0
Marquette University	3,289	97	0	58	181	181	0	0	0	0	0	255
Medical Col of Wisconsin	37,341	155	0	0	233	227	6	0	0	0	373	0
Milwaukee School of Eng	1,014	0	0	0	0	0	0	0	0	0	0	0
Northland College	5	0	0	0	0	0	0	0	0	0	0	0
Ripon College	176	0	0	0	0	0	0	0	0	0	0	0
St Norbert College	35	0	0	0	0	0	0	0	0	0	0	0
U of WI Colleges	886	11	0	0	15	15	0	0	840	0	0	0
U of WI Eau Claire	250	0	0	0	0	0	0	0	0	0	0	0
U of WI La Crosse	1,139	0	0	0	0	0	0	0	0	0	0	651
U of WI Madison	195,287	10,454	0	10	6,160	5,310	753	97	15,877	0	0	822
U of WI Milwaukee	5,941	0	0	0	143	143	0	0	518	0	0	0
U of WI Oshkosh	361	243	0	0	0	0	0	0	0	0	0	0
U of WI Parkside	57	57	0	0	0	0	0	0	0	0	0	0
U of WI Platteville	19	0	0	0	0	0	0	0	0	0	0	0
U of WI River Falls	354	354	0	0	0	0	0	0	0	0	0	0
U of WI Stevens Point	274	0	0	0	0	0	0	0	0	0	0	0
U of WI Stout	780	0	0	0	0	0	0	0	0	0	780	0
U of WI System Office	9,511	342	0	3,141	1,467	1,467	0	0	0	0	4,343	218
U of WI Whitewater	81	0	0	0	0	0	0	0	0	0	0	0
Western WI Tech Col	23	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Virginia, continued:												
Virginia State University	0	722	0	1,154	0	0	0	0	0	0	0	0
Virginia Union University	0	128	0	0	0	0	0	0	0	0	0	0
Washington & Lee U	0	88	0	0	0	0	0	0	24	0	0	0
Washington, total	0	224,374	14	1,606	200	123	0	8,553	44,039	0	0	896
Central Washington U	0	97	0	15	0	0	0	100	526	0	0	0
Eastern Washington U	0	0	0	51	0	0	0	0	0	0	0	0
Evergreen State College	0	0	0	0	0	0	0	0	348	0	0	0
Gonzaga University	0	0	0	0	0	0	0	0	112	0	0	0
Pacific Lutheran U	0	0	0	0	0	0	0	0	32	0	0	0
Seattle University	0	0	0	0	0	0	0	0	32	0	0	0
University of Puget Sound	0	0	0	0	0	0	0	0	19	0	0	0
University of Washington	0	213,242	14	1,180	0	123	0	7,905	37,938	0	0	896
Washington State U	0	11,035	0	335	200	0	0	548	3,864	0	0	0
Western Washington U	0	0	0	25	0	0	0	0	935	0	0	0
Whitman College	0	0	0	0	0	0	0	0	188	0	0	0
Whitworth College	0	0	0	0	0	0	0	0	45	0	0	0
West Virginia, total	0	7,075	0	499	0	0	0	3,130	260	0	0	0
Fairmont State College	0	0	0	0	0	0	0	0	177	0	0	0
Marshall U Graduate Col	0	1,114	0	27	0	0	0	0	83	0	0	0
Salem Teikyo University	0	318	0	0	0	0	0	0	0	0	0	0
WV University (Morgantwn)	0	5,643	0	472	0	0	0	2,526	0	0	0	0
WV Wesleyan College	0	0	0	0	0	0	0	14	0	0	0	0
Wheeling Jesuit U	0	0	0	0	0	0	0	590	0	0	0	0
Wisconsin, total	0	157,530	35	799	0	0	0	9,280	39,671	415	0	1,493
Alverno College	0	21	0	0	0	0	0	0	50	0	0	0
Beloit College	0	0	0	0	0	0	0	0	31	0	0	0
Carroll Col (Waukesha)	0	0	0	0	0	0	0	0	6	0	0	0
Edgewood College	0	0	0	0	0	0	0	0	0	0	0	0
Lawrence University	0	0	0	0	0	0	0	0	90	0	0	0
Marquette University	0	1,591	0	0	0	0	0	366	741	0	0	0
Medical Col of Wisconsin	0	35,706	0	0	0	0	0	113	156	0	0	605
Milwaukee School of Eng	0	0	0	0	0	0	0	0	138	0	0	876
Northland College	0	0	0	5	0	0	0	0	0	0	0	0
Ripon College	0	0	0	0	0	0	0	0	176	0	0	0
St Norbert College	0	0	0	0	0	0	0	35	0	0	0	0
U of WI Colleges	0	0	0	20	0	0	0	0	0	0	0	0
U of WI Eau Claire	0	0	0	0	0	0	0	0	250	0	0	0
U of WI La Crosse	0	149	0	299	0	0	0	0	40	0	0	0
U of WI Madison	0	117,382	0	178	0	0	0	8,473	35,504	415	0	12
U of WI Milwaukee	0	2,600	35	0	0	0	0	233	2,412	0	0	0
U of WI Oshkosh	0	0	0	0	0	0	0	41	77	0	0	0
U of WI Parkside	0	0	0	0	0	0	0	0	0	0	0	0
U of WI Platteville	0	0	0	0	0	0	0	19	0	0	0	0
U of WI River Falls	0	0	0	0	0	0	0	0	0	0	0	0
U of WI Stevens Point	0	0	0	274	0	0	0	0	0	0	0	0
U of WI Stout	0	0	0	0	0	0	0	0	0	0	0	0
U of WI System Office	0	0	0	0	0	0	0	0	0	0	0	0
U of WI Whitewater	0	81	0	0	0	0	0	0	0	0	0	0
Western WI Tech Col	0	0	0	23	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Wyoming, total	15,055	2,709	0	408	228	228	0	0	2,080	0	0	601
University of Wyoming	15,055	2,709	0	408	228	228	0	0	2,080	0	0	601
American Samoa, total	391	391	0	0	0	0	0	0	0	0	0	0
American Samoa CC	391	391	0	0	0	0	0	0	0	0	0	0
Guam, total	1,858	1,095	0	0	410	410	0	0	0	0	0	0
University of Guam	1,858	1,095	0	0	410	410	0	0	0	0	0	0
Puerto Rico, total	33,245	4,380	0	433	1,117	1,117	0	0	784	0	0	155
Ponce School of Medicine	2,135	0	0	0	0	0	0	0	0	0	0	0
Pont Cath U of PR, The	269	0	0	0	178	178	0	0	0	0	0	0
U Central Del Caribe	2,923	0	0	0	0	0	0	0	0	0	0	0
U Del Turabo	104	0	0	0	104	104	0	0	0	0	0	0
U Metropolitana	1,736	0	0	0	0	0	0	0	0	0	0	0
U of PR Humacao U Col	1,066	0	0	0	379	379	0	0	0	0	0	0
U of PR Mayaguez	7,732	4,380	0	433	0	0	0	0	34	0	0	70
U of PR Medical Sci	10,475	0	0	0	0	0	0	0	0	0	0	0
U of PR Rio Piedras	4,415	0	0	0	200	200	0	0	0	0	0	85
University of PR System	2,390	0	0	0	256	256	0	0	750	0	0	0
Trust Territory of the Pacific Islands, total	1,298	1,278	0	0	0	0	0	0	0	0	0	0
Col of Micronesia FSM	672	652	0	0	0	0	0	0	0	0	0	0
Northern Marianas College	626	626	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Wyoming, total	0	1,036	0	151	0	0	0	491	7,251	0	0	100
University of Wyoming	0	1,036	0	151	0	0	0	491	7,251	0	0	100
American Samoa, total	0	0	0	0	0	0	0	0	0	0	0	0
American Samoa CC	0	0	0	0	0	0	0	0	0	0	0	0
Guam, total	0	0	0	170	0	0	0	0	183	0	0	0
University of Guam	0	0	0	170	0	0	0	0	183	0	0	0
Puerto Rico, total	0	18,763	0	64	0	0	0	1,742	5,807	0	0	0
Ponce School of Medicine	0	2,135	0	0	0	0	0	0	0	0	0	0
Pont Cath U of PR, The	0	91	0	0	0	0	0	0	0	0	0	0
U Central Del Caribe	0	2,923	0	0	0	0	0	0	0	0	0	0
U Del Turabo	0	0	0	0	0	0	0	0	0	0	0	0
U Metropolitana	0	0	0	0	0	0	0	0	1,736	0	0	0
U of PR Humacao U Col	0	221	0	0	0	0	0	355	111	0	0	0
U of PR Mayaguez	0	0	0	64	0	0	0	1,387	1,364	0	0	0
U of PR Medical Sci	0	10,281	0	0	0	0	0	0	194	0	0	0
U of PR Rio Piedras	0	3,112	0	0	0	0	0	0	1,018	0	0	0
University of PR System	0	0	0	0	0	0	0	0	1,384	0	0	0
Trust Territory of the Pacific Islands, total	0	0	0	0	0	0	0	0	20	0	0	0
Col of Micronesia FSM	0	0	0	0	0	0	0	0	20	0	0	0
Northern Marianas College	0	0	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	Total	USDA	BEP	Com	DoD [1]				DOE	DOS	ED	EPA
					Total	Research	Development					
							Advanced Technology	Major Systems				
Virgin Islands, total	1,068	988	0	0	0	0	0	0	0	0	0	0
U of the Virgin Islands	1,068	988	0	0	0	0	0	0	0	0	0	0

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

Table B-17. Federal obligations for science and engineering research and development (R&D) to universities and colleges, by State, institution, and agency: fiscal year 1997

[To increase readability, agencies span 2 pages and institutions are repeated on facing pages]

State and institution	GSA	HHS	HUD	Int	AID [2]	OJP	Labor	NASA	NSF	NRC	SSA	DOT
Virgin Islands, total	0	0	0	80	0	0	0	0	0	0	0	0
U of the Virgin Islands	0	0	0	80	0	0	0	0	0	0	0	0

[1] The Department of Defense (DoD) research is reported separately from DoD development. DoD states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies.

[2] The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the FY 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

NOTES: Does not include R&D obligations to university-administered federally funded research and development centers. See table B-38.

Dollars in thousands.

KEY:
USDA = Department of Agriculture
BEP = Bureau of Engraving and Printing
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
DOS = Department of State
ED = Department of Education
EPA = Environmental Protection Agency
GSA = General Services Administration
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of Interior
AID = Agency for International Development
OJP = Office of Justice Programs
Labor = Department of Labor
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
SSA = Social Security Administration
DOT = Department of Transportation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
United States, total	275,955	59,223	3,663	12,287	0	13,088	0	38,964	0	719	146,249	1,762
Alabama, total	5,925	4,016	0	590	0	0	0	950	0	0	369	0
Alabama A & M University	120	0	0	120	0	0	0	0	0	0	0	0
Auburn University	4,161	4,016	0	145	0	0	0	0	0	0	0	0
Miles College	216	0	0	0	0	0	0	0	0	0	216	0
U of Alabama Birmingham	1,098	0	0	148	0	0	0	950	0	0	0	0
U of Alabama Huntsville	330	0	0	177	0	0	0	0	0	0	153	0
Arizona, total	1,614	0	0	254	0	0	0	629	0	0	731	0
Arizona State U Main	50	0	0	50	0	0	0	0	0	0	0	0
Northern Arizona U	176	0	0	0	0	0	0	0	0	0	176	0
University of Arizona	1,388	0	0	204	0	0	0	629	0	0	555	0
Arkansas, total	2,398	918	0	0	0	0	0	1,480	0	0	0	0
U of Arkansas Main	918	918	0	0	0	0	0	0	0	0	0	0
U of Arkansas Pine Bluff	1,480	0	0	0	0	0	0	1,480	0	0	0	0
California, total	70,497	3,395	0	1,914	0	1,167	0	634	0	0	63,387	0
CA Inst of Technology	57,143	0	0	419	0	338	0	451	0	0	55,935	0
CA St U Northridge	104	0	0	0	0	0	0	0	0	0	104	0
Harvey Mudd College	149	0	0	0	0	0	0	0	0	0	149	0
Loyola Marymount U	425	0	0	0	0	0	0	0	0	0	425	0
Pomona College	105	0	0	0	0	0	0	0	0	0	105	0
Sonoma State University	371	0	0	0	0	0	0	0	0	0	371	0
Stanford University	1,127	0	0	187	0	217	0	0	0	0	723	0
U of CA Berkeley	3,695	3,395	0	300	0	0	0	0	0	0	0	0
U of CA Davis	939	0	0	343	0	0	0	0	0	0	596	0
U of CA Irvine	692	0	0	0	0	60	0	102	0	0	530	0
U of CA Los Angeles	1,523	0	0	142	0	0	0	81	0	0	1,300	0
U of CA Riverside	833	0	0	143	0	0	0	0	0	0	690	0
U of CA San Diego	1,547	0	0	380	0	0	0	0	0	0	1,167	0
U of CA Santa Barbara	859	0	0	0	0	241	0	0	0	0	618	0
U of CA Santa Cruz	927	0	0	0	0	311	0	0	0	0	616	0
U of Southern California	58	0	0	0	0	0	0	0	0	0	58	0
Colorado, total	4,673	1,067	0	404	0	508	0	975	0	0	1,719	0
Colorado School of Mines	214	0	0	0	0	0	0	0	0	0	214	0
Colorado State University	2,350	1,067	0	0	0	188	0	975	0	0	120	0
U of Colorado	1,334	0	0	404	0	320	0	0	0	0	610	0
U of Denver	775	0	0	0	0	0	0	0	0	0	775	0
Connecticut, total	2,634	1,940	0	249	0	350	0	0	0	0	95	0
Sacred Heart University	95	0	0	0	0	0	0	0	0	0	95	0
U of Connecticut	2,099	1,940	0	159	0	0	0	0	0	0	0	0
Yale University	440	0	0	90	0	350	0	0	0	0	0	0
Delaware, total	2,628	0	0	250	0	0	0	0	0	0	2,378	0
Delaware State University	1,000	0	0	0	0	0	0	0	0	0	1,000	0
U of Delaware	1,628	0	0	250	0	0	0	0	0	0	1,378	0
District of Columbia, total	968	0	0	131	0	0	0	568	0	0	269	0
Catholic U of America	131	0	0	131	0	0	0	0	0	0	0	0
George Washington U	269	0	0	0	0	0	0	0	0	0	269	0
Howard University	568	0	0	0	0	0	0	568	0	0	0	0
Florida, total	2,979	0	0	66	0	255	0	1,500	0	0	1,156	2
Florida A&M University	1,778	0	0	0	0	0	0	1,500	0	0	278	0
University of Florida	884	0	0	66	0	255	0	0	0	0	563	0
University of Miami	200	0	0	0	0	0	0	0	0	0	200	0
University of South FL	117	0	0	0	0	0	0	0	0	0	115	2

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

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Georgia, total	21,754	0	0	303	0	0	0	19,301	0	0	2,150	0
Clark Atlanta University	60	0	0	60	0	0	0	0	0	0	0	0
Emory University	1,551	0	0	0	0	0	0	1,551	0	0	0	0
Georgia Inst of Tech	1,073	0	0	243	0	0	0	0	0	0	830	0
Georgia Southern U	900	0	0	0	0	0	0	0	0	0	900	0
Morehouse School of Med	15,250	0	0	0	0	0	0	15,250	0	0	0	0
Spelman College	2,500	0	0	0	0	0	0	2,500	0	0	0	0
University of Georgia	420	0	0	0	0	0	0	0	0	0	420	0
Hawaii, total	845	0	0	150	0	0	0	0	0	0	695	0
U of Hawaii Manoa	845	0	0	150	0	0	0	0	0	0	695	0
Idaho, total	4,686	4,666	0	0	0	0	0	0	0	0	20	0
University of Idaho	4,686	4,666	0	0	0	0	0	0	0	0	20	0
Illinois, total	20,059	6,368	0	497	0	115	0	1,000	0	0	10,585	1,494
De Paul University	4,428	4,428	0	0	0	0	0	0	0	0	0	0
Illinois Inst of Tech	137	0	0	137	0	0	0	0	0	0	0	0
Northern Illinois U	354	0	0	0	0	0	0	0	0	0	354	0
Northwestern University	4,223	1,940	0	260	0	115	0	0	0	0	414	1,494
Roosevelt University	150	0	0	0	0	0	0	0	0	0	150	0
U of IL Urbana-Champaign	8,579	0	0	100	0	0	0	0	0	0	8,479	0
University of Chicago	2,188	0	0	0	0	0	0	1,000	0	0	1,188	0
Indiana, total	3,531	0	0	409	0	708	0	0	0	0	2,414	0
Indiana State U All Camp	1,194	0	0	0	0	0	0	0	0	0	1,194	0
Indiana U	332	0	0	0	0	8	0	0	0	0	324	0
Purdue University	1,630	0	0	409	0	325	0	0	0	0	896	0
University of Notre Dame	375	0	0	0	0	375	0	0	0	0	0	0
Iowa, total	1,232	0	0	225	0	179	0	0	0	0	828	0
Iowa State University	198	0	0	0	0	16	0	0	0	0	182	0
University of Iowa	1,034	0	0	225	0	163	0	0	0	0	646	0
Kansas, total	1,215	0	0	147	0	412	0	0	0	0	656	0
Independence CC	107	0	0	0	0	0	0	0	0	0	107	0
Kansas State University	909	0	0	147	0	412	0	0	0	0	350	0
University of Kansas	199	0	0	0	0	0	0	0	0	0	199	0
Kentucky, total	430	0	0	0	0	0	0	0	0	0	430	0
U of Louisville	150	0	0	0	0	0	0	0	0	0	150	0
Western Kentucky U	280	0	0	0	0	0	0	0	0	0	280	0
Louisiana, total	2,761	0	0	0	0	0	0	0	0	0	2,761	0
Grambling State U	716	0	0	0	0	0	0	0	0	0	716	0
LA St U All Campuses	1,470	0	0	0	0	0	0	0	0	0	1,470	0
Southern U A&M All Cmp	575	0	0	0	0	0	0	0	0	0	575	0
Maine, total	335	0	0	0	0	0	0	0	0	0	335	0
Bowdoin College	105	0	0	0	0	0	0	0	0	0	105	0
Colby College	230	0	0	0	0	0	0	0	0	0	230	0
Maryland, total	7,813	2,219	1,538	612	0	48	0	0	0	0	3,366	30
Frostburg State U	950	0	0	0	0	0	0	0	0	0	950	0
Johns Hopkins University	1,748	0	0	165	0	0	0	0	0	0	1,583	0
Morgan State University	30	0	0	0	0	0	0	0	0	0	0	30
U of MD Baltimore	433	0	0	0	0	0	0	0	0	0	433	0
U of MD College Park	3,059	2,219	0	447	0	48	0	0	0	0	345	0
U of MD Eastern Shore	1,538	0	1,538	0	0	0	0	0	0	0	0	0
Washington College	55	0	0	0	0	0	0	0	0	0	55	0

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

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Massachusetts, total	11,015	0	0	959	0	4,972	0	1,090	0	0	3,987	7
Boston University	100	0	0	0	0	0	0	0	0	0	100	0
Brandeis University	60	0	0	0	0	60	0	0	0	0	0	0
Clark University	982	0	0	0	0	0	0	0	0	0	982	0
Harvard University	988	0	0	0	0	0	0	809	0	0	179	0
MA Inst of Technology	5,375	0	0	461	0	4,832	0	0	0	0	75	7
Northeastern University	600	0	0	0	0	0	0	0	0	0	600	0
Stonehill College	492	0	0	0	0	0	0	0	0	0	492	0
U of MA Amherst	978	0	0	498	0	80	0	0	0	0	400	0
U of MA Worcester	739	0	0	0	0	0	0	281	0	0	458	0
Williams College	72	0	0	0	0	0	0	0	0	0	72	0
Woods Hole Ocean Inst	300	0	0	0	0	0	0	0	0	0	300	0
Worcester Polytech Inst	329	0	0	0	0	0	0	0	0	0	329	0
Michigan, total	3,859	0	0	333	0	269	0	0	0	0	3,233	24
Eastern Michigan U	29	0	0	0	0	0	0	0	0	0	29	0
Hope College	150	0	0	0	0	0	0	0	0	0	150	0
Michigan State University	1,842	0	0	0	0	190	0	0	0	0	1,652	0
Michigan Tech University	88	0	0	88	0	0	0	0	0	0	0	0
U of Michigan	1,647	0	0	142	0	79	0	0	0	0	1,402	24
Western Michigan U	103	0	0	103	0	0	0	0	0	0	0	0
Minnesota, total	2,142	0	0	426	0	0	0	0	0	0	1,694	22
Augsburg College	380	0	0	0	0	0	0	0	0	0	380	0
Gustavus Adolphus College	51	0	0	0	0	0	0	0	0	0	51	0
St John's U (Collegevl)	29	0	0	0	0	0	0	0	0	0	29	0
U of Minnesota	1,682	0	0	426	0	0	0	0	0	0	1,234	22
Mississippi, total	754	0	0	84	0	0	0	551	0	0	119	0
U of Mississippi	670	0	0	0	0	0	0	551	0	0	119	0
U of Southern Mississippi	84	0	0	84	0	0	0	0	0	0	0	0
Missouri, total	2,676	0	0	210	0	28	0	950	0	0	1,488	0
U of Missouri Columbia	1,028	0	0	0	0	28	0	0	0	0	1,000	0
U of Missouri Rolla	522	0	0	210	0	0	0	0	0	0	312	0
Washington University	1,126	0	0	0	0	0	0	950	0	0	176	0
Montana, total	541	0	0	141	0	0	0	0	0	0	400	0
Montana State U Billings	400	0	0	0	0	0	0	0	0	0	400	0
Montana State U Bozeman	141	0	0	141	0	0	0	0	0	0	0	0
Nebraska, total	30	0	0	0	0	0	0	0	0	0	0	30
U of Nebraska Lincoln	30	0	0	0	0	0	0	0	0	0	0	30
New Hampshire, total	2,125	0	2,125	0	0	0	0	0	0	0	0	0
U System of NH Sys Off	2,125	0	2,125	0	0	0	0	0	0	0	0	0
New Jersey, total	4,260	970	0	40	0	652	0	1,258	0	0	1,340	0
New Jersey Inst of Tech	500	0	0	0	0	0	0	0	0	0	500	0
Princeton University	692	0	0	40	0	652	0	0	0	0	0	0
Rowan University	350	0	0	0	0	0	0	0	0	0	350	0
Rutgers St U of NJ	1,237	970	0	0	0	0	0	0	0	0	267	0
Seton Hall University	223	0	0	0	0	0	0	0	0	0	223	0
U of Med & Dent of NJ	1,258	0	0	0	0	0	0	1,258	0	0	0	0
New Mexico, total	7,258	4,893	0	505	0	0	0	750	0	0	1,110	0
New Mexico St U	5,398	4,893	0	505	0	0	0	0	0	0	0	0
U of New Mexico	1,860	0	0	0	0	0	0	750	0	0	1,110	0

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

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
New York, total	18,434	225	0	973	0	479	0	650	0	0	16,088	19
CUNY Brooklyn College	189	0	0	0	0	0	0	0	0	0	189	0
CUNY City College	1,129	0	0	0	0	0	0	0	0	0	1,129	0
CUNY Hunter College	154	0	0	154	0	0	0	0	0	0	0	0
CUNY Mt Sinai Schl of Med	842	0	0	0	0	0	0	0	0	0	842	0
CUNY Queens College	505	0	0	0	0	0	0	0	0	0	505	0
Clarkson University	68	0	0	68	0	0	0	0	0	0	0	0
Colgate University	101	0	0	0	0	0	0	0	0	0	101	0
Columbia U City New York	1,000	0	0	0	0	0	0	0	0	0	1,000	0
Cornell University	8,867	225	0	0	0	359	0	0	0	0	8,283	0
Long Island University	1,502	0	0	0	0	0	0	0	0	0	1,502	0
Manhattan College	255	0	0	0	0	0	0	0	0	0	255	0
NY University	1,425	0	0	0	0	0	0	650	0	0	775	0
Rensselaer Polytech Inst	280	0	0	180	0	0	0	0	0	0	100	0
Rochester Inst Technology	19	0	0	0	0	0	0	0	0	0	0	19
SUNY Col Buffalo	110	0	0	0	0	0	0	0	0	0	110	0
SUNY Col Env Sci & Forest	114	0	0	0	0	0	0	0	0	0	114	0
SUNY at Buffalo	90	0	0	90	0	0	0	0	0	0	0	0
SUNY at Stony Brook	945	0	0	391	0	120	0	0	0	0	434	0
University of Rochester	254	0	0	90	0	0	0	0	0	0	164	0
Yeshiva University NY	585	0	0	0	0	0	0	0	0	0	585	0
North Carolina, total	3,810	1,940	0	490	0	200	0	0	0	0	1,165	15
Duke University	200	0	0	0	0	200	0	0	0	0	0	0
NC Ag & Tech State U	25	0	0	0	0	0	0	0	0	0	25	0
NC State U	2,345	970	0	390	0	0	0	0	0	0	970	15
U of NC Chapel Hill	270	0	0	100	0	0	0	0	0	0	170	0
Wake Forest University	970	970	0	0	0	0	0	0	0	0	0	0
North Dakota, total	185	0	0	0	0	0	0	0	0	0	138	47
North Dakota St U	47	0	0	0	0	0	0	0	0	0	0	47
U of North Dakota	138	0	0	0	0	0	0	0	0	0	138	0
Ohio, total	4,912	2,239	0	235	0	19	0	1,996	0	0	423	0
Case Western Reserve U	1,516	0	0	136	0	0	0	1,380	0	0	0	0
Miami University All Cmp	100	0	0	0	0	0	0	0	0	0	100	0
Ohio Col Podiatric Med	36	0	0	0	0	0	0	0	0	0	36	0
Ohio State U	637	0	0	0	0	19	0	474	0	0	144	0
Ohio University	142	0	0	0	0	0	0	142	0	0	0	0
U of Akron	242	0	0	99	0	0	0	0	0	0	143	0
U of Toledo	2,239	2,239	0	0	0	0	0	0	0	0	0	0
Oklahoma, total	1,000	0	0	0	0	0	0	0	0	0	1,000	0
U of Oklahoma	1,000	0	0	0	0	0	0	0	0	0	1,000	0
Oregon, total	5,582	4,850	0	0	0	9	0	0	0	0	723	0
Lewis & Clark College	224	0	0	0	0	0	0	0	0	0	224	0
Oregon State University	4,988	4,850	0	0	0	9	0	0	0	0	129	0
University of Oregon	370	0	0	0	0	0	0	0	0	0	370	0
Pennsylvania, total	5,818	0	0	855	0	895	0	0	0	0	4,040	28
Carnegie Mellon U	215	0	0	215	0	0	0	0	0	0	0	0
Drexel University	320	0	0	0	0	0	0	0	0	0	320	0
Franklin & Marshall Col	35	0	0	0	0	0	0	0	0	0	35	0
Indiana U of PA	125	0	0	0	0	0	0	0	0	0	125	0
La Salle University	430	0	0	0	0	0	0	0	0	0	430	0

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

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Pennsylvania, continued:												
Lehigh University	55	0	0	55	0	0	0	0	0	0	0	0
Millersville U of PA	400	0	0	0	0	0	0	0	0	0	400	0
PA St U University Park	1,260	0	0	88	0	0	0	0	0	0	1,144	28
St Francis Col (Loretto)	150	0	0	150	0	0	0	0	0	0	0	0
St Joseph's University	524	0	0	0	0	0	0	0	0	0	524	0
Temple University	165	0	0	0	0	0	0	0	0	0	165	0
Thomas Jefferson U	237	0	0	237	0	0	0	0	0	0	0	0
U of Pennsylvania	1,808	0	0	110	0	895	0	0	0	0	803	0
U of Pittsburgh	94	0	0	0	0	0	0	0	0	0	94	0
Rhode Island, total	1,143	0	0	0	0	0	0	0	0	0	1,143	0
Brown University	1,143	0	0	0	0	0	0	0	0	0	1,143	0
South Carolina, total	2,487	0	0	0	0	0	0	0	0	0	2,487	0
Clemson University	1,765	0	0	0	0	0	0	0	0	0	1,765	0
Medical U of S Carolina	422	0	0	0	0	0	0	0	0	0	422	0
U of SC All Campuses	300	0	0	0	0	0	0	0	0	0	300	0
South Dakota, total	2,908	2,619	0	0	0	0	0	0	0	0	289	0
Augustana Col (Sioux Fls)	98	0	0	0	0	0	0	0	0	0	98	0
SD School Mines & Tech	191	0	0	0	0	0	0	0	0	0	191	0
SD State University	2,619	2,619	0	0	0	0	0	0	0	0	0	0
Tennessee, total	6,317	5,174	0	0	0	370	0	0	0	0	770	3
Middle TN State U	2,507	2,507	0	0	0	0	0	0	0	0	0	0
Tennessee State U	2,667	2,667	0	0	0	0	0	0	0	0	0	0
U of Memphis	106	0	0	0	0	0	0	0	0	0	106	0
U of Tennessee Chtnooga	207	0	0	0	0	0	0	0	0	0	207	0
U of Tennessee Knoxville	830	0	0	0	0	370	0	0	0	0	457	3
Texas, total	10,317	4,373	0	0	0	229	0	2,432	0	0	3,269	14
Baylor Col of Medicine	1,932	0	0	0	0	0	0	932	0	0	1,000	0
El Paso Community College	119	0	0	0	0	0	0	0	0	0	119	0
Rice University	191	0	0	0	0	0	0	0	0	0	191	0
Southern Methodist U	349	0	0	0	0	0	0	0	0	0	349	0
Texas A&M U	4,522	4,373	0	0	0	135	0	0	0	0	0	14
Texas Southern U	1,500	0	0	0	0	0	0	1,500	0	0	0	0
U of Houston	226	0	0	0	0	0	0	0	0	0	226	0
U of N Texas	489	0	0	0	0	0	0	0	0	0	489	0
U of TX Arlington	110	0	0	0	0	0	0	0	0	0	110	0
U of TX Austin	275	0	0	0	0	0	0	0	0	0	275	0
U of TX Dallas	94	0	0	0	0	94	0	0	0	0	0	0
U of TX El Paso	168	0	0	0	0	0	0	0	0	0	168	0
U of TX Hlth Sci S Anto	342	0	0	0	0	0	0	0	0	0	342	0
Utah, total	2,275	0	0	413	0	0	0	0	0	0	1,862	0
University of Utah	2,037	0	0	175	0	0	0	0	0	0	1,862	0
Utah State University	238	0	0	238	0	0	0	0	0	0	0	0
Vermont, total	459	0	0	0	0	0	0	0	0	0	459	0
University of Vermont	459	0	0	0	0	0	0	0	0	0	459	0
Virginia, total	808	0	0	112	0	0	0	0	0	38	658	0
Hampton University	189	0	0	0	0	0	0	0	0	0	189	0
Norfolk State University	189	0	0	0	0	0	0	0	0	0	189	0
U of Virginia	318	0	0	0	0	0	0	0	0	38	280	0
Virginia Poly Inst & St U	112	0	0	112	0	0	0	0	0	0	0	0

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

Table B-18. Federal obligations for R&D plant to universities and colleges, by State, institution, and agency: fiscal year 1997

[Dollars in thousands]

State and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Washington, total	13,508	7,351	0	0	0	1,093	0	1,250	0	681	3,106	27
Gonzaga University	576	0	0	0	0	0	0	0	0	0	576	0
University of Washington	4,554	0	0	0	0	1,093	0	1,250	0	681	1,503	27
Washington State U	7,718	7,351	0	0	0	0	0	0	0	0	367	0
Whitworth College	660	0	0	0	0	0	0	0	0	0	660	0
Wisconsin, total	1,849	0	0	310	0	131	0	1,000	0	0	408	0
Ripon College	100	0	0	0	0	0	0	0	0	0	100	0
U of WI Madison	1,678	0	0	239	0	131	0	1,000	0	0	308	0
U of WI Milwaukee	71	0	0	71	0	0	0	0	0	0	0	0
Wyoming, total	354	0	0	0	0	0	0	0	0	0	354	0
University of Wyoming	354	0	0	0	0	0	0	0	0	0	354	0
Puerto Rico, total	152	0	0	0	0	0	0	0	0	0	152	0
University of PR System	152	0	0	0	0	0	0	0	0	0	152	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTE: See Technical Notes, "Categories of Support."

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
Total, all institutions	175,187	214,164	244,353	232,667	281,378	328,787	286,388	327,321
1 Howard University	20,382	24,858	25,229	24,967	25,105	34,693	33,860	29,987
2 Morehouse School of Med	6,242	7,275	8,563	4,300	11,662	9,817	13,923	27,565
3 Florida A&M University	8,344	15,259	12,046	14,052	17,737	15,483	16,743	21,546
4 NC Ag & Tech State U	9,711	11,649	11,872	15,386	17,519	18,124	15,647	16,384
5 Hampton University	6,541	6,940	7,247	6,362	11,975	11,834	11,163	15,485
6 Clark Atlanta University	8,074	13,451	29,449	22,439	25,753	23,034	15,272	14,055
7 Prairie View A&M U	6,528	6,896	7,891	8,103	9,938	13,572	8,061	13,484
8 Tennessee State U	7,288	9,305	9,185	8,189	10,745	12,205	11,951	12,592
9 Alabama A & M University	7,920	8,508	10,296	9,085	10,020	10,149	8,747	12,093
10 Meharry Medical College	8,915	10,647	12,464	7,944	14,923	12,868	12,577	11,645
Total 1st 10 institutions	89,945	114,788	134,242	120,827	155,377	161,779	147,944	174,836
11 Tuskegee University	7,174	10,377	8,613	9,204	10,742	17,071	11,845	9,946
12 Southern U A&M All Cmp	5,580	6,133	6,117	7,139	8,964	11,079	10,684	8,815
13 Spelman College	1,271	2,214	2,362	2,859	2,401	6,184	2,598	8,604
14 Virginia State University	4,824	5,616	5,423	4,609	4,943	5,511	4,366	6,703
15 SC State University	3,790	4,335	4,957	4,677	6,597	11,901	4,375	6,592
16 Xavier U of Louisiana	2,407	3,037	3,822	1,891	2,711	3,771	4,504	6,252
17 Morgan State University	1,352	1,179	3,294	2,677	6,825	5,331	5,674	6,189
18 U of Arkansas Pine Bluff	3,838	3,886	4,431	4,714	4,322	4,449	4,947	6,158
19 U of MD Eastern Shore	3,440	3,361	3,795	3,830	3,423	4,339	3,602	5,911
20 Central State U (Wlbrfc)	672	557	869	1,291	1,992	1,668	6,452	5,207
Total 1st 20 institutions	124,293	155,483	177,925	163,718	208,297	233,083	206,991	245,213
21 Kentucky State University	4,973	4,988	5,111	5,285	5,686	5,339	5,584	5,132
22 Lincoln U (Jeffersn City)	4,281	4,063	5,164	5,037	5,891	5,204	4,929	5,069
23 Alcorn State University	3,364	4,035	4,648	4,124	3,774	4,588	4,989	4,847
24 Fort Valley State U	3,895	3,930	4,629	4,793	4,640	5,105	4,660	4,546
25 University of DC	3,037	4,044	3,988	3,388	4,581	4,525	3,879	4,440
26 Langston University	2,805	3,479	4,021	3,719	2,993	3,993	3,441	4,313
27 Texas Southern U	2,857	3,363	3,840	3,338	4,912	4,769	2,963	4,307
28 Jackson State University	5,013	4,349	6,478	8,717	5,532	8,539	6,084	3,866
29 Delaware State University	1,807	2,044	2,499	2,824	2,622	2,529	2,848	3,601
30 Fisk University	967	2,165	1,482	1,761	2,259	2,396	1,993	3,551
Total 1st 30 institutions	157,292	191,943	219,785	206,704	251,187	280,070	248,361	288,885
31 Morehouse College	1,242	4,517	3,200	2,464	4,047	9,539	8,964	2,923
32 Bowie State University	221	370	378	731	320	2,174	1,517	2,584
33 U of the Virgin Islands	2,058	2,083	2,405	2,972	2,824	3,200	2,005	2,400
34 Norfolk State University	691	924	928	693	1,015	1,434	1,372	2,353
35 Bethune Cookman College	685	812	574	673	517	632	958	2,318
36 Grambling State U	941	1,154	1,560	708	909	4,376	3,674	2,267
37 Elizabeth City State U	140	85	70	257	575	1,135	1,279	2,244
38 Benedict College	756	913	898	191	816	813	1,073	1,980
39 Winston Salem State U	841	635	691	378	650	1,195	1,582	1,501
40 Bennett Col (Greensboro)	485	451	500	710	642	1,593	131	1,314
Total 1st 40 institutions	165,352	203,887	230,989	216,481	263,502	306,161	270,916	310,769
41 Fayetteville State U	277	286	580	185	680	819	1,246	1,257
42 Shaw University	168	248	296	1,480	221	773	367	1,167
43 Alabama State University	460	450	771	712	695	780	824	1,053
44 Le Moyne Owen College	270	62	50	69	0	1,026	0	1,033
45 NC Central University	928	1,051	813	713	1,254	1,299	1,703	1,012
46 Lincoln U (Linc U PA)	1,367	719	902	1,532	2,368	1,782	903	998
47 Mississippi Valley St U	618	637	746	779	701	645	0	930
48 Morris Brown College	188	503	1,525	1,223	1,278	1,966	2,468	930
49 Johnson C Smith U	377	504	562	42	557	2,386	971	682
50 Tougaloo College	509	542	598	744	494	804	354	680
Total 1st 50 institutions	170,514	208,889	237,832	223,960	271,750	318,441	279,752	320,511

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

Table B-19. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
51 Stillman College	287	289	294	564	374	651	350	616
52 Voorhees College	14	83	164	324	297	380	236	563
53 Talladega College	333	809	332	1,004	1,013	1,020	504	502
54 Claflin College	195	151	577	227	655	277	358	477
55 Coppin State College	340	145	167	500	553	427	379	325
56 Virginia Union University	57	195	161	484	397	405	451	319
57 St Augustines College	32	0	0	0	0	0	38	292
58 Jarvis Christian College	125	172	502	219	272	393	247	262
59 Florida Memorial College	80	0	0	0	0	57	55	260
60 Miles College	0	0	0	7	0	132	64	254
Total 1st 60 institutions	171,977	210,733	240,029	227,289	275,311	322,183	282,434	324,381
61 Rust College	414	140	634	636	563	846	104	246
62 Wiley College	113	58	194	199	263	344	607	246
63 Savannah State University	196	422	308	365	212	609	454	221
64 Concordia College (Selma)	0	0	0	0	0	210	210	218
65 Albany State University	467	471	683	134	627	376	482	213
66 Edward Waters College	0	0	0	0	300	300	100	200
67 Livingstone College	0	0	47	306	267	198	78	195
68 Trenholm State Tech Col	45	0	0	24	202	175	180	185
69 St Pauls Col (Lawrencevl)	0	0	92	0	193	297	0	181
70 Bishop State CC	0	0	0	0	0	0	0	180
Total 1st 70 institutions	173,212	211,824	241,987	228,953	277,938	325,538	284,649	326,466
71 Wilberforce University	24	6	11	433	477	482	244	153
72 Paul Quinn College	25	0	0	0	0	0	0	138
73 Dillard University	96	217	205	120	349	702	228	103
74 Philander Smith College	128	123	119	0	230	175	45	94
75 Harris Stowe State Col	0	260	3	4	0	4	88	70
76 Shorter Col (N Little Rk)	0	0	0	0	0	0	0	68
77 Barber Scotia College	0	316	0	238	46	158	50	65
78 Morris College	0	0	63	132	65	147	54	62
79 Oakwood College	180	206	424	564	449	493	444	49
80 Paine College	0	0	40	0	155	39	27	32
Total 1st 80 institutions	173,665	212,952	242,852	230,444	279,709	327,738	285,829	327,300
81 Lawson State CC	0	0	0	0	0	0	0	20
82 Hinds CC Raymond	33	55	195	369	272	55	0	1
Bluefield State College	50	60	0	83	0	15	0	0
C A Fredd St Tech Col	16	0	268	0	0	0	0	0
Coahoma Community Col	120	0	0	0	0	0	0	0
Huston Tillotson College	0	0	0	8	0	192	148	0
Knoxville College	0	0	0	334	247	345	197	0
Lane College	238	441	370	423	294	25	22	0
Lewis College of Business	0	0	98	0	0	0	0	0
Mary Holmes College	0	0	8	0	0	0	0	0
Total 1st 90 institutions	174,122	213,508	243,791	231,661	280,522	328,370	286,196	327,321
Selma University	814	301	380	643	732	141	138	0
Southwestern Chrstn Col	0	0	0	0	124	91	54	0
Texas College	0	50	0	0	0	0	0	0
WV State College	251	305	182	363	0	185	0	0
Total 1st 94 institutions	175,187	214,164	244,353	232,667	281,378	328,787	286,388	327,321

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1997

[Dollars in thousands]

Institution and ranking	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
Total, all institutions	327,321	184,964	30,401	333	24,653	30,747	56,223
1 Howard University	29,987	23,632	568	16	1,319	1,297	3,155
2 Morehouse School of Med	27,565	10,474	15,250	0	342	1,431	68
3 Florida A&M University	21,546	11,103	1,778	0	2,917	1,688	4,060
4 NC Ag & Tech State U	16,384	9,848	25	57	1,168	316	4,970
5 Hampton University	15,485	12,859	189	0	905	0	1,532
6 Clark Atlanta University	14,055	9,624	60	0	782	2,452	1,137
7 Prairie View A&M U	13,484	9,501	0	1	218	791	2,973
8 Tennessee State U	12,592	5,382	2,667	14	873	334	3,322
9 Alabama A & M University	12,093	9,638	120	0	491	350	1,494
10 Meharry Medical College	11,645	8,277	0	0	1,397	1,840	131
Total 1st 10 institutions	174,836	110,338	20,657	88	10,412	10,499	22,842
11 Tuskegee University	9,946	7,311	0	0	151	948	1,536
12 Southern U A&M All Cmp	8,815	5,279	575	58	1,035	527	1,341
13 Spelman College	8,604	3,265	2,500	0	1,605	434	800
14 Virginia State University	6,703	3,943	0	0	576	275	1,909
15 SC State University	6,592	4,053	0	21	684	311	1,523
16 Xavier U of Louisiana	6,252	4,422	0	0	614	147	1,069
17 Morgan State University	6,189	4,962	30	0	370	567	260
18 U of Arkansas Pine Bluff	6,158	2,096	1,480	0	573	394	1,615
19 U of MD Eastern Shore	5,911	1,326	1,538	0	394	63	2,590
20 Central State U (Wlbrfc)	5,207	168	0	0	92	4,947	0
Total 1st 20 institutions	245,213	147,163	26,780	167	16,506	19,112	35,485
21 Kentucky State University	5,132	2,291	0	0	0	357	2,484
22 Lincoln U (Jeffersn City)	5,069	2,323	0	0	198	607	1,941
23 Alcorn State University	4,847	2,450	0	0	442	677	1,278
24 Fort Valley State U	4,546	2,991	0	0	3	0	1,552
25 University of DC	4,440	1,898	0	0	260	1,112	1,170
26 Langston University	4,313	2,337	0	41	108	265	1,562
27 Texas Southern U	4,307	1,929	1,500	0	97	502	279
28 Jackson State University	3,866	2,112	0	0	1,040	413	301
29 Delaware State University	3,601	1,374	1,000	0	5	489	733
30 Fisk University	3,551	2,461	0	0	0	487	603
Total 1st 30 institutions	288,885	169,329	29,280	208	18,659	24,021	47,388
31 Morehouse College	2,923	698	0	0	966	917	342
32 Bowie State University	2,584	1,198	0	0	0	0	1,386
33 U of the Virgin Islands	2,400	1,068	0	32	97	253	950
34 Norfolk State University	2,353	1,135	189	25	38	0	966
35 Bethune Cookman College	2,318	1,203	0	0	196	591	328
36 Grambling State U	2,267	883	716	0	175	493	0
37 Elizabeth City State U	2,244	1,471	0	0	0	175	598
38 Benedict College	1,980	1,554	0	0	227	0	199
39 Winston Salem State U	1,501	664	0	0	268	569	0
40 Bennett Col (Greensboro)	1,314	784	0	0	177	195	158
Total 1st 40 institutions	310,769	179,987	30,185	265	20,803	27,214	52,315
41 Fayetteville State U	1,257	103	0	0	171	440	543
42 Shaw University	1,167	500	0	0	400	0	267
43 Alabama State University	1,053	99	0	0	300	654	0
44 Le Moyne Owen College	1,033	20	0	0	0	0	1,013
45 NC Central University	1,012	479	0	0	412	121	0
46 Lincoln U (Linc U PA)	998	684	0	0	314	0	0
47 Mississippi Valley St U	930	190	0	0	565	0	175
48 Morris Brown College	930	580	0	0	0	350	0
49 Johnson C Smith U	682	276	0	0	93	95	218
50 Tougaloo College	680	45	0	0	438	197	0
Total 1st 50 institutions	320,511	182,963	30,185	265	23,496	29,071	54,531

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

Table B-20. Federal obligations for science and engineering (S&E) to historically black colleges and universities, ranked by total amount received, by type of activity: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	Research and develop-ment	R&D plant [1]	Facilities for instruc-tion in S&E	Fellow-ships, trainee-ships, and training grants	General support for S&E	Other S&E activi-ties
51 Stillman College	616	74	0	0	147	296	99
52 Voorhees College	563	0	0	0	0	383	180
53 Talladega College	502	47	0	0	322	133	0
54 Claflin College	477	199	0	0	32	0	246
55 Coppin State College	325	52	0	0	273	0	0
56 Virginia Union University	319	128	0	0	191	0	0
57 St Augustines College	292	192	0	0	0	0	100
58 Jarvis Christian College	262	208	0	0	0	54	0
59 Florida Memorial College	260	58	0	0	0	22	180
60 Miles College	254	38	216	0	0	0	0
Total 1st 60 institutions	324,381	183,959	30,401	265	24,461	29,959	55,336
61 Rust College	246	100	0	0	35	111	0
62 Wiley College	246	0	0	0	0	0	246
63 Savannah State University	221	221	0	0	0	0	0
64 Concordia College (Selma)	218	0	0	0	0	0	218
65 Albany State University	213	0	0	0	107	0	106
66 Edward Waters College	200	200	0	0	0	0	0
67 Livingstone College	195	176	0	0	0	19	0
68 Trenholm State Tech Col	185	0	0	0	0	0	185
69 St Pauls Col (Lawrencevl)	181	0	0	0	0	181	0
70 Bishop State CC	180	0	0	0	0	180	0
Total 1st 70 institutions	326,466	184,656	30,401	265	24,603	30,450	56,091
71 Wilberforce University	153	153	0	0	0	0	0
72 Paul Quinn College	138	0	0	0	0	138	0
73 Dillard University	103	103	0	0	0	0	0
74 Philander Smith College	94	0	0	0	0	94	0
75 Harris Stowe State Col	70	0	0	0	0	0	70
76 Shorter Col (N Little Rk)	68	0	0	68	0	0	0
77 Barber Scotia College	65	0	0	0	0	65	0
78 Morris College	62	0	0	0	0	0	62
79 Oakwood College	49	0	0	0	49	0	0
80 Paine College	32	32	0	0	0	0	0
Total 1st 80 institutions	327,300	184,944	30,401	333	24,652	30,747	56,223
81 Lawson State CC	20	20	0	0	0	0	0
82 Hinds CC Raymond	1	0	0	0	1	0	0
Total 1st 82 institutions	327,321	184,964	30,401	333	24,653	30,747	56,223

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	327,321	78,324	3,645	26,441	8,219	11,683	2,182	99,175	1,378	62,524	31,615	2,135
1 Howard University	29,987	21	148	3,391	401	2,879	690	13,433	0	3,974	4,841	209
2 Morehouse School of Med	27,565	0	0	779	0	0	0	25,817	0	969	0	0
3 Florida A&M University	21,546	3,897	100	1,824	226	2,196	0	4,506	0	4,021	4,776	0
4 NC Ag & Tech State U	16,384	6,093	0	1,374	101	189	6	565	20	3,806	3,745	485
5 Hampton University	15,485	0	99	3,267	468	820	22	980	0	7,515	2,314	0
6 Clark Atlanta University	14,055	85	100	3,411	801	1,057	21	3,726	0	2,360	2,494	0
7 Prairie View A&M U	13,484	6,818	0	576	0	518	13	401	0	5,058	100	0
8 Tennessee State U	12,592	6,622	0	794	346	0	0	1,298	0	2,690	842	0
9 Alabama A & M University	12,093	4,404	0	2,422	78	0	7	25	0	4,387	770	0
10 Meharry Medical College	11,645	0	0	301	0	0	0	11,261	0	83	0	0
Total 1st 10 institutions	174,836	27,940	447	18,139	2,421	7,659	759	62,012	20	34,863	19,882	694
11 Tuskegee University	9,946	3,894	0	660	89	145	0	2,276	0	2,071	811	0
12 Southern U A&M All Cmp	8,815	3,043	12	648	391	499	216	1,248	0	2,069	689	0
13 Spelman College	8,604	0	0	0	0	309	22	3,805	0	4,413	55	0
14 Virginia State University	6,703	4,556	0	271	0	0	0	722	1,154	0	0	0
15 SC State University	6,592	3,596	0	443	281	782	0	251	0	1,021	218	0
16 Xavier U of Louisiana	6,252	7	75	525	101	187	0	942	0	680	3,735	0
17 Morgan State University	6,189	0	99	840	0	87	150	1,779	0	2,034	200	1,000
18 U of Arkansas Pine Bluff	6,158	4,353	0	0	0	0	0	1,783	22	0	0	0
19 U of MD Eastern Shore	5,911	2,722	2,646	0	63	200	0	124	82	52	22	0
20 Central State U (Wlbrfc)	5,207	0	0	0	147	18	0	4,892	0	150	0	0
Total 1st 20 institutions	245,213	50,111	3,279	21,526	3,493	9,886	1,147	79,834	1,278	47,353	25,612	1,694
21 Kentucky State University	5,132	5,088	0	0	44	0	0	0	0	0	0	0
22 Lincoln U (Jeffersn City)	5,069	4,720	0	0	0	0	0	349	0	0	0	0
23 Alcorn State University	4,847	4,102	0	0	34	0	0	711	0	0	0	0
24 Fort Valley State U	4,546	4,140	0	71	0	210	0	0	0	0	125	0
25 University of DC	4,440	1,584	0	396	66	0	0	1,336	20	914	124	0
26 Langston University	4,313	4,039	0	0	100	174	0	0	0	0	0	0
27 Texas Southern U	4,307	0	0	0	279	260	0	2,956	0	725	87	0
28 Jackson State University	3,866	4	12	439	200	160	0	2,131	0	694	201	25
29 Delaware State University	3,601	1,864	152	120	0	0	0	405	0	0	1,060	0
30 Fisk University	3,551	0	0	509	0	152	0	525	0	2,177	0	188
Total 1st 30 institutions	288,885	75,652	3,443	23,061	4,216	10,842	1,147	88,247	1,298	51,863	27,209	1,907
31 Morehouse College	2,923	0	0	292	317	200	0	1,155	0	959	0	0
32 Bowie State University	2,584	0	0	0	0	0	0	0	0	2,584	0	0
33 U of the Virgin Islands	2,400	1,938	0	0	0	0	0	350	80	0	32	0
34 Norfolk State University	2,353	0	0	0	0	80	16	116	0	1,276	652	213
35 Bethune Cookman College	2,318	0	12	200	184	0	0	591	0	1,331	0	0
36 Grambling State U	2,267	0	0	549	150	0	20	632	0	200	716	0
37 Elizabeth City State U	2,244	0	0	306	175	423	0	92	0	650	598	0
38 Benedict College	1,980	0	100	334	0	0	0	903	0	0	643	0
39 Winston Salem State U	1,501	0	0	0	86	0	0	1,288	0	95	32	0
40 Bennett Col (Greensboro)	1,314	0	0	373	63	0	0	400	0	478	0	0
Total 1st 40 institutions	310,769	77,590	3,555	25,115	5,191	11,545	1,183	93,774	1,378	59,436	29,882	2,120
41 Fayetteville State U	1,257	0	0	0	114	27	0	326	0	671	119	0
42 Shaw University	1,167	0	0	0	67	0	780	0	0	320	0	0
43 Alabama State University	1,053	45	0	0	0	0	0	990	0	0	18	0
44 Le Moyne Owen College	1,033	20	0	0	0	0	0	0	0	0	1,013	0
45 NC Central University	1,012	0	0	50	76	0	105	781	0	0	0	0
46 Lincoln U (Linc U PA)	998	0	0	300	0	43	0	347	0	308	0	0
47 Mississippi Valley St U	930	565	90	0	0	0	0	0	0	190	85	0
48 Morris Brown College	930	0	0	252	350	0	0	328	0	0	0	0
49 Johnson C Smith U	682	0	0	176	218	0	0	188	0	100	0	0
50 Tougaloo College	680	0	0	0	0	0	0	680	0	0	0	0
Total 1st 50 institutions	320,511	78,220	3,645	25,893	6,016	11,615	2,068	97,414	1,378	61,025	31,117	2,120

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

Table B-21. Federal obligations for science and engineering to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Stillman College	616	0	0	0	218	0	0	225	0	173	0	0
52 Voorhees College	563	0	0	0	383	0	0	0	0	180	0	0
53 Talladega College	502	0	0	47	133	0	0	322	0	0	0	0
54 Claflin College	477	0	0	117	246	0	114	0	0	0	0	0
55 Coppin State College	325	0	0	0	273	0	0	0	0	37	0	15
56 Virginia Union University	319	0	0	0	0	0	0	319	0	0	0	0
57 St Augustines College	292	0	0	0	0	0	0	92	0	200	0	0
58 Jarvis Christian College	262	0	0	108	0	0	0	54	0	100	0	0
59 Florida Memorial College	260	0	0	0	22	0	0	0	0	180	58	0
60 Miles College	254	0	0	0	0	0	0	0	0	38	216	0
Total 1st 60 institutions	324,381	78,220	3,645	26,165	7,291	11,615	2,182	98,426	1,378	61,933	31,391	2,135
61 Rust College	246	0	0	100	0	0	0	146	0	0	0	0
62 Wiley College	246	0	0	0	246	0	0	0	0	0	0	0
63 Savannah State University	221	0	0	0	0	0	0	140	0	0	81	0
64 Concordia College (Selma)	218	0	0	0	218	0	0	0	0	0	0	0
65 Albany State University	213	0	0	0	0	0	0	107	0	106	0	0
66 Edward Waters College	200	0	0	0	0	0	0	0	0	200	0	0
67 Livingstone College	195	0	0	176	19	0	0	0	0	0	0	0
68 Trenholm State Tech Col	185	0	0	0	0	0	0	0	0	185	0	0
69 St Pauls Col (Lawrencevl)	181	0	0	0	0	0	0	181	0	0	0	0
70 Bishop State CC	180	0	0	0	180	0	0	0	0	0	0	0
Total 1st 70 institutions	326,466	78,220	3,645	26,441	7,954	11,615	2,182	99,000	1,378	62,424	31,472	2,135
71 Wilberforce University	153	0	0	0	0	0	0	0	0	100	53	0
72 Paul Quinn College	138	0	0	0	138	0	0	0	0	0	0	0
73 Dillard University	103	103	0	0	0	0	0	0	0	0	0	0
74 Philander Smith College	94	0	0	0	0	0	0	94	0	0	0	0
75 Harris Stowe State Col	70	0	0	0	0	0	0	0	0	0	70	0
76 Shorter Col (N Little Rk)	68	0	0	0	0	68	0	0	0	0	0	0
77 Barber Scotia College	65	0	0	0	65	0	0	0	0	0	0	0
78 Morris College	62	0	0	0	62	0	0	0	0	0	0	0
79 Oakwood College	49	0	0	0	0	0	0	49	0	0	0	0
80 Paine College	32	0	0	0	0	0	0	32	0	0	0	0
Total 1st 80 institutions	327,300	78,323	3,645	26,441	8,219	11,683	2,182	99,175	1,378	62,524	31,595	2,135
81 Lawson State CC	20	0	0	0	0	0	0	0	0	0	20	0
82 Hinds CC Raymond	1	1	0	0	0	0	0	0	0	0	0	0
Total 1st 82 institutions	327,321	78,324	3,645	26,441	8,219	11,683	2,182	99,175	1,378	62,524	31,615	2,135

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
Total, all institutions	100,966	122,928	143,548	140,981	177,145	202,671	188,445	184,964
1 Howard University	15,541	19,124	19,433	18,417	19,789	30,642	29,207	23,632
2 Hampton University	5,094	5,672	5,244	6,157	8,857	8,601	8,015	12,859
3 Florida A&M University	4,480	10,121	7,372	9,247	12,864	10,035	11,339	11,103
4 Morehouse School of Med	4,911	6,051	6,369	3,904	8,420	8,679	10,824	10,474
5 NC Ag & Tech State U	6,078	5,955	6,199	11,372	9,884	13,359	11,050	9,848
6 Alabama A & M University	4,702	5,411	6,770	6,501	7,010	7,493	6,511	9,638
7 Clark Atlanta University	7,947	11,010	23,201	7,673	22,097	18,874	11,759	9,624
8 Prairie View A&M U	3,296	3,472	4,145	4,916	6,207	9,731	4,791	9,501
9 Meharry Medical College	6,608	8,728	9,154	6,214	10,420	9,512	9,920	8,277
10 Tuskegee University	4,151	5,165	5,360	7,008	7,955	10,897	7,272	7,311
Total 1st 10 institutions	62,808	80,709	93,247	81,409	113,503	127,823	110,688	112,267
11 Tennessee State U	3,988	5,467	5,267	5,025	7,216	8,482	8,411	5,382
12 Southern U A&M All Cmp	2,079	2,599	2,685	4,742	5,752	4,284	5,701	5,279
13 Morgan State University	1,041	603	1,650	1,307	5,378	2,651	5,341	4,962
14 Xavier U of Louisiana	1,546	1,821	2,762	1,405	1,686	1,256	3,305	4,422
15 SC State University	1,536	1,839	2,263	2,287	3,018	2,401	2,232	4,053
16 Virginia State University	2,205	2,348	2,430	2,247	2,407	3,095	2,309	3,943
17 Spelman College	255	320	282	1,252	353	2,148	1,253	3,265
18 Fort Valley State U	2,014	1,897	2,554	2,598	2,367	2,790	2,582	2,991
19 Fisk University	707	705	1,139	1,759	1,761	2,101	1,663	2,461
20 Alcorn State University	1,463	1,819	2,081	2,151	1,889	2,093	2,671	2,450
Total 1st 20 institutions	79,642	100,127	116,360	106,182	145,330	159,124	146,156	151,475
21 Langston University	1,197	1,851	2,053	1,589	1,315	2,218	1,576	2,337
22 Lincoln U (Jeffersn City)	1,902	1,909	2,118	1,887	2,358	2,008	1,964	2,323
23 Kentucky State University	2,397	2,364	2,355	2,650	2,880	2,393	2,680	2,291
24 Jackson State University	3,136	3,184	4,190	6,374	3,772	4,600	3,712	2,112
25 U of Arkansas Pine Bluff	1,345	1,545	1,594	1,641	1,685	2,064	2,875	2,096
26 Texas Southern U	1,795	1,918	2,153	2,277	3,973	3,316	2,146	1,929
27 University of DC	1,294	2,202	2,087	2,150	2,507	2,790	1,806	1,898
28 Benedict College	41	0	0	157	219	325	690	1,554
29 Elizabeth City State U	88	29	70	257	251	926	1,279	1,471
30 Delaware State University	545	647	1,068	1,531	618	1,190	1,166	1,374
Total 1st 30 institutions	93,382	115,776	134,048	126,695	164,908	180,954	166,050	170,860
31 U of MD Eastern Shore	1,886	1,560	1,673	1,980	1,693	1,141	1,347	1,326
32 Bethune Cookman College	5	80	110	0	88	252	2	1,203
33 Bowie State University	155	175	228	541	132	1,940	891	1,198
34 Norfolk State University	205	209	562	387	480	962	887	1,135
35 U of the Virgin Islands	1,053	1,048	1,167	1,210	1,368	1,545	1,052	1,068
36 Grambling State U	557	269	646	617	309	3,878	2,960	883
37 Bennett Col (Greensboro)	106	90	251	206	188	394	26	784
38 Morehouse College	391	778	523	796	754	2,184	7,555	698
39 Lincoln U (Linc U PA)	661	525	318	1,232	453	1,192	736	684
40 Winston Salem State U	0	0	0	0	0	142	606	664
Total 1st 40 institutions	98,401	120,510	139,526	133,664	170,373	194,584	182,112	180,503
41 Morris Brown College	172	244	1,002	1,154	1,174	1,493	1,430	580
42 Shaw University	20	32	52	74	71	78	92	500
43 NC Central University	395	411	214	521	206	363	274	479
44 Johnson C Smith U	7	11	35	0	195	214	216	276
45 Savannah State University	86	6	0	0	34	367	454	221
46 Jarvis Christian College	125	172	502	219	89	233	166	208
47 Edward Waters College	0	0	0	0	300	300	100	200
48 Claflin College	195	151	162	227	111	0	122	199
49 St Augustines College	0	0	0	0	0	0	38	192
50 Mississippi Valley St U	10	0	81	131	1	0	0	190
Total 1st 50 institutions	99,411	121,537	141,574	135,990	172,554	197,632	185,004	183,548

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

Table B-22. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
51 Livingstone College	0	0	0	306	0	0	0	176
52 Central State U (Wlbrfc)	605	441	428	1,139	1,696	1,208	959	168
53 Wilberforce University	10	6	11	433	477	482	238	153
54 Virginia Union University	0	0	0	324	0	90	130	128
55 Dillard University	10	24	100	120	325	316	206	103
56 Fayetteville State U	0	0	147	112	117	130	178	103
57 Rust College	12	50	342	188	178	269	100	100
58 Alabama State University	0	130	167	12	56	122	46	99
59 Stillman College	0	0	0	25	0	99	0	74
60 Florida Memorial College	0	0	0	0	0	0	0	58
Total 1st 60 institutions	100,048	122,188	142,769	138,649	175,403	200,348	186,861	184,710
61 Coppin State College	25	25	0	0	75	0	0	52
62 Talladega College	0	222	0	239	428	81	366	47
63 Tougaloo College	0	0	0	0	0	52	77	45
64 Miles College	0	0	0	0	0	132	64	38
65 Paine College	0	0	40	0	155	0	27	32
66 Lawson State CC	0	0	0	0	0	0	0	20
67 Le Moyne Owen College	270	62	50	69	0	1,026	0	20
Albany State University	39	0	0	0	0	0	0	0
Barber Scotia College	0	0	0	238	0	0	0	0
Bluefield State College	50	60	0	76	0	15	0	0
Total 1st 70 institutions	100,432	122,557	142,859	139,271	176,061	201,654	187,395	184,964
Harris Stowe State Col	0	2	3	4	0	4	88	0
Hinds CC Raymond	0	0	2	369	1	0	0	0
Huston Tillotson College	0	0	0	8	0	192	148	0
Knoxville College	0	0	0	248	247	200	197	0
Lane College	0	0	0	44	0	0	0	0
Lewis College of Business	0	0	98	0	0	0	0	0
Mary Holmes College	0	0	8	0	0	0	0	0
Oakwood College	0	0	198	0	164	80	108	0
Paul Quinn College	25	0	0	0	0	0	0	0
Philander Smith College	0	6	0	0	65	0	0	0
Total 1st 80 institutions	100,457	122,565	143,168	139,944	176,538	202,130	187,936	184,964
Selma University	140	0	139	127	306	0	138	0
Trenholm State Tech Col	0	0	0	24	178	175	0	0
Voorhees College	14	0	0	324	50	85	0	0
WV State College	242	305	182	363	0	185	0	0
Wiley College	113	58	59	199	73	96	371	0
Total 1st 85 institutions	100,966	122,928	143,548	140,981	177,145	202,671	188,445	184,964

NOTE: Institutions having no current-year obligations are listed in alphabetical order.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all institutions	184,964	35,349	270	26,197	0	10,711	1,607	44,043	45,337	17,984	3,466
1 Howard University	23,632	21	118	3,391	0	2,553	669	11,033	2,320	3,318	209
2 Hampton University	12,859	0	0	3,267	0	820	0	565	6,159	2,048	0
3 Florida A&M University	11,103	1,195	0	1,824	0	2,196	0	1,525	2,282	2,081	0
4 Morehouse School of Med	10,474	0	0	779	0	0	0	8,775	920	0	0
5 NC Ag & Tech State U	9,848	2,835	0	1,374	0	189	0	38	3,135	1,772	505
6 Alabama A & M University	9,638	2,198	0	2,302	0	0	0	25	4,343	770	0
7 Clark Atlanta University	9,624	85	0	3,314	0	1,057	0	1,314	2,360	1,494	0
8 Prairie View A&M U	9,501	3,249	0	576	0	518	0	0	5,058	100	0
9 Meharry Medical College	8,277	0	0	301	0	0	0	7,976	0	0	0
10 Tuskegee University	7,311	2,190	0	660	0	135	0	1,518	1,997	811	0
Total 1st 10 institutions	112,267	11,773	118	17,788	0	7,468	669	32,769	28,574	12,394	714
11 Tennessee State U	5,382	1,868	0	794	0	0	0	891	1,001	828	0
12 Southern U A&M All Cmp	5,279	1,525	0	648	0	499	216	885	1,450	56	0
13 Morgan State University	4,962	0	0	813	0	87	140	999	1,890	80	953
14 Xavier U of Louisiana	4,422	7	0	525	0	187	0	418	544	2,741	0
15 SC State University	4,053	1,359	0	443	0	782	0	251	1,021	197	0
16 Virginia State University	3,943	1,796	0	271	0	0	0	722	0	0	1,154
17 Spelman College	3,265	0	0	0	0	309	0	871	2,030	55	0
18 Fort Valley State U	2,991	2,585	0	71	0	210	0	0	0	125	0
19 Fisk University	2,461	0	0	509	0	152	0	38	1,574	0	188
20 Alcorn State University	2,450	2,209	0	0	0	0	0	241	0	0	0
Total 1st 20 institutions	151,475	23,122	118	21,862	0	9,694	1,025	38,085	38,084	16,476	3,009
21 Langston University	2,337	2,271	0	0	0	66	0	0	0	0	0
22 Lincoln U (Jeffersn City)	2,323	2,323	0	0	0	0	0	0	0	0	0
23 Kentucky State University	2,291	2,291	0	0	0	0	0	0	0	0	0
24 Jackson State University	2,112	0	0	439	0	160	0	1,012	476	0	25
25 U of Arkansas Pine Bluff	2,096	1,906	0	0	0	0	0	168	0	0	22
26 Texas Southern U	1,929	0	0	0	0	0	0	1,117	725	87	0
27 University of DC	1,898	613	0	396	0	0	0	31	714	124	20
28 Benedict College	1,554	0	0	334	0	0	0	676	0	544	0
29 Elizabeth City State U	1,471	0	0	306	0	423	0	92	650	0	0
30 Delaware State University	1,374	769	152	120	0	0	0	273	0	60	0
Total 1st 30 institutions	170,860	33,295	270	23,457	0	10,343	1,025	41,454	40,649	17,291	3,076
31 U of MD Eastern Shore	1,326	898	0	0	0	200	0	124	0	22	82
32 Bethune Cookman College	1,203	0	0	200	0	0	0	0	1,003	0	0
33 Bowie State University	1,198	0	0	0	0	0	0	0	1,198	0	0
34 Norfolk State University	1,135	0	0	0	0	80	0	116	380	346	213
35 U of the Virgin Islands	1,068	988	0	0	0	0	0	0	0	0	80
36 Grambling State U	883	0	0	549	0	0	0	134	200	0	0
37 Bennett Col (Greensboro)	784	0	0	373	0	0	0	28	383	0	0
38 Morehouse College	698	0	0	292	0	0	0	249	157	0	0
39 Lincoln U (Linc U PA)	684	0	0	300	0	43	0	123	218	0	0
40 Winston Salem State U	664	0	0	0	0	0	0	585	47	32	0
Total 1st 40 institutions	180,503	35,181	270	25,171	0	10,666	1,025	42,813	44,235	17,691	3,451
41 Morris Brown College	580	0	0	252	0	0	0	328	0	0	0
42 Shaw University	500	0	0	0	0	0	500	0	0	0	0
43 NC Central University	479	0	0	50	0	0	0	429	0	0	0
44 Johnson C Smith U	276	0	0	176	0	0	0	0	100	0	0
45 Savannah State University	221	0	0	0	0	0	0	140	0	81	0
46 Jarvis Christian College	208	0	0	108	0	0	0	0	100	0	0
47 Edward Waters College	200	0	0	0	0	0	0	0	200	0	0
48 Claflin College	199	0	0	117	0	0	82	0	0	0	0
49 St Augustines College	192	0	0	0	0	0	0	92	100	0	0
50 Mississippi Valley St U	190	0	0	0	0	0	0	0	190	0	0
Total 1st 50 institutions	183,548	35,181	270	25,874	0	10,666	1,607	43,802	44,925	17,772	3,451

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

Table B-23. Federal obligations for science and engineering research and development to historically black colleges and universities, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
51 Livingstone College	176	0	0	176	0	0	0	0	0	0	0
52 Central State U (Wlbrfc)	168	0	0	0	0	18	0	0	150	0	0
53 Wilberforce University	153	0	0	0	0	0	0	0	100	53	0
54 Virginia Union University	128	0	0	0	0	0	0	128	0	0	0
55 Dillard University	103	103	0	0	0	0	0	0	0	0	0
56 Fayetteville State U	103	0	0	0	0	27	0	0	13	63	0
57 Rust College	100	0	0	100	0	0	0	0	0	0	0
58 Alabama State University	99	45	0	0	0	0	0	36	0	18	0
59 Stillman College	74	0	0	0	0	0	0	0	74	0	0
60 Florida Memorial College	58	0	0	0	0	0	0	0	0	58	0
Total 1st 60 institutions	184,710	35,329	270	26,150	0	10,711	1,607	43,966	45,262	17,964	3,451
61 Coppin State College	52	0	0	0	0	0	0	0	37	0	15
62 Talladega College	47	0	0	47	0	0	0	0	0	0	0
63 Tougaloo College	45	0	0	0	0	0	0	45	0	0	0
64 Miles College	38	0	0	0	0	0	0	0	38	0	0
65 Paine College	32	0	0	0	0	0	0	32	0	0	0
66 Lawson State CC	20	0	0	0	0	0	0	0	0	20	0
67 Le Moyne Owen College	20	20	0	0	0	0	0	0	0	0	0
Total 1st 67 institutions	184,964	35,349	270	26,197	0	10,711	1,607	44,043	45,337	17,984	3,466

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all systems	5,572,842	461,400	114,425	522,505	84,077	241,298	78,386	2,745,530	317,334	930,782	77,105
1 U of CA System	1,225,748	39,583	12,571	103,443	10,545	59,857	9,875	715,761	61,389	202,879	9,845
2 U of Texas Sys	507,666	543	1,425	95,622	2,376	10,744	3,089	332,618	14,567	45,962	720
3 U of North Carolina Sys	301,237	35,362	7,067	19,019	6,629	5,198	9,554	166,001	9,265	34,880	8,262
4 U of Wisconsin Sys	246,234	22,115	4,610	8,459	5,766	17,366	1,847	130,080	9,239	45,188	1,564
5 State U Sys of Florida	240,211	20,682	4,493	34,334	4,352	19,756	2,533	76,094	16,678	56,562	4,727
6 Columbia U Sys	230,431	89	5,378	10,795	213	7,074	504	161,012	10,364	33,832	1,170
7 U of Illinois Sys	228,969	22,171	1,856	27,078	4,460	13,757	3,127	79,787	5,801	69,261	1,671
8 U of Maryland Sys	216,074	14,892	12,996	18,819	3,102	7,855	4,668	83,670	32,135	35,069	2,868
9 State U of New York Sys	188,531	1,155	4,486	17,343	3,081	7,511	2,507	105,617	4,533	39,455	2,843
10 U of Alabama Sys	187,795	448	150	9,794	1,897	11,582	1,831	128,823	26,368	6,832	70
11 Oregon St Higher Ed Sys	179,928	25,104	4,966	9,266	4,792	16,718	4,895	77,198	5,780	28,131	3,078
12 U Sys of Georgia	179,619	29,732	4,235	54,311	1,559	6,020	3,476	39,208	7,327	31,586	2,165
13 U & St Col AZ System	173,157	11,314	931	14,867	2,440	4,569	2,743	71,447	21,003	40,700	3,143
14 Utah Higher Ed Sys	142,150	9,342	790	20,578	4,008	5,066	448	75,190	7,215	18,781	732
15 City U of New York Sys	117,347	260	653	3,120	2,240	1,453	0	85,678	5,526	16,679	1,738
16 U of Massachusetts Sys	112,799	8,936	748	13,144	652	2,489	1,254	61,608	1,564	21,800	604
17 Texas A&M U Sys	108,234	41,310	2,913	6,154	469	4,294	2,341	22,090	9,157	14,852	4,654
18 Indiana U Sys	106,871	225	210	1,028	827	6,788	734	76,018	694	19,984	363
19 Louisiana State U Sys	82,043	14,172	2,565	15,392	448	1,548	4,931	28,760	2,405	9,261	2,561
20 CA St U & Col System	80,166	712	1,540	4,946	9,560	1,450	2,910	26,713	9,767	19,513	3,055
21 U of Hawaii Sys	77,792	12,778	9,145	8,816	1,054	2,814	168	16,936	7,667	17,821	593
22 U of Missouri Sys	75,162	20,216	895	4,129	2,271	1,617	345	28,124	1,712	14,908	945
23 Colorado St U System	74,622	14,103	9,280	4,138	0	2,832	1,877	24,415	3,512	11,576	2,889
24 U of Tennessee Sys	72,582	17,535	689	3,880	246	8,138	2,731	28,156	1,485	8,094	1,628
25 U of Nebraska Sys	59,624	17,056	388	1,889	350	730	0	20,178	2,193	12,405	4,435
26 U of Arkansas Sys	59,471	26,485	126	2,443	3,130	0	732	20,416	477	4,436	1,226
27 U of Puerto Rico Sys	45,204	12,743	1,185	835	28	784	155	21,750	1,892	5,768	64
28 U of Alaska Sys	41,747	6,123	6,234	380	443	0	180	2,240	14,675	8,551	2,921
29 Montana U Sys	39,408	10,372	2,041	1,283	1,478	935	1,012	5,721	3,748	11,346	1,472
30 U of New Hampshire Sys	28,665	4,076	4,373	217	0	526	1,151	3,088	6,791	6,215	2,228
31 U of Nevada Sys	27,944	3,423	1,048	256	112	3,319	1,338	8,333	850	8,186	1,079
32 St U & CC Sys Tennessee	23,466	9,159	115	909	731	339	272	5,377	3,068	2,961	535
33 U of Houston Sys	20,251	35	7	1,872	49	1,239	249	5,466	5,450	5,814	70
34 U of Maine Sys	19,558	7,415	2,979	2,032	340	107	714	1,562	430	3,605	374
35 U of Louisiana Sys	15,362	312	0	1,216	443	6,215	1,680	2,530	609	2,166	191
36 Southern Illinois U Sys	7,729	831	0	261	218	598	40	3,822	20	1,684	255
37 Texas State University Sys	4,385	136	0	0	574	0	2,475	570	232	383	15
38 U of South Dakota Sys	3,529	87	55	0	218	0	0	1,257	0	1,905	7
39 Claremont Colleges Sys	3,483	33	0	0	290	10	0	999	50	2,006	95
40 Minnesota Cmty Col Sys	3,390	149	1,154	0	457	0	0	474	211	945	0

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

Table B-24. Federal obligations for science and engineering to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
41 Maricopa CC Sys	3,196	0	0	0	0	0	0	0	0	3,196	0
42 Fundacion Ed G Mendez	2,150	6	0	104	109	0	0	0	195	1,736	0
43 Massachusetts CC Sys	1,857	0	0	0	450	0	0	0	0	1,407	0
44 State Sys of Higher Ed	1,395	51	0	0	96	0	0	0	118	1,130	0
45 Foothill Deanza CC Dist	1,216	0	0	0	0	0	0	0	1,005	211	0
46 Inter American U PR Sys	1,212	98	0	0	765	0	0	349	0	0	0
47 CA Schl Prof Psych Sys	499	0	0	0	499	0	0	0	0	0	0
48 NC Cmty Col System	468	0	18	0	0	0	0	0	0	450	0
49 Los Angeles Cmty Col Sys	380	0	0	0	0	0	0	360	0	20	0
50 Contra Costa CC Dist Sys	355	0	0	325	0	0	0	0	0	30	0
51 Virginia Cmty Col Sys	294	1	0	0	0	0	0	0	30	263	0
52 Massachusetts St Col Sys	250	0	0	0	0	0	0	0	0	0	250
53 West Valley Joint CC Sys	249	0	0	0	0	0	0	0	0	249	0
54 Cmty Col of Denver Sys	176	1	0	0	175	0	0	0	0	0	0
55 Troy State U Sys	173	0	0	8	75	0	0	34	56	0	0
56 State Ctr Jr Col Dist Sys	159	0	110	0	0	0	0	0	0	49	0
57 San Mateo CC Sys	81	0	0	0	0	0	0	0	81	0	0
58 Dallas Co Cmty Col Sys	60	0	0	0	60	0	0	0	0	0	0
59 San Diego Dist CC Sys	39	0	0	0	0	0	0	0	0	39	0
60 Kern CC Dist Sys	29	29	0	0	0	0	0	0	0	0	0
61 Ventura Co CC Dist Sys	20	0	0	0	0	0	0	0	0	20	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTES: Includes obligations to every individual institution included within each system.

The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
Total, all systems	4,779,898	234,146	59,018	477,485	37,548	238,122	70,523	2,542,390	282,095	769,481	69,090
1 U of CA System	1,123,005	24,108	9,511	100,986	9,176	59,245	8,811	665,014	59,503	177,237	9,414
2 U of Texas Sys	453,602	543	392	83,529	590	10,650	2,756	312,632	11,009	30,781	720
3 U of North Carolina Sys	244,894	15,366	3,029	18,109	3,835	5,198	6,296	154,037	7,424	27,576	4,024
4 U of Wisconsin Sys	214,940	11,461	3,151	7,785	5,123	17,235	1,691	120,212	8,766	38,283	1,233
5 Columbia U Sys	214,636	89	5,378	10,315	213	6,965	470	149,105	9,685	31,246	1,170
6 State U Sys of Florida	205,354	10,261	2,796	33,718	1,840	19,501	2,209	66,504	12,839	51,400	4,286
7 U of Illinois Sys	194,874	10,240	1,438	26,463	2,780	13,757	2,958	73,833	5,072	56,784	1,549
8 U of Maryland Sys	184,644	6,218	6,521	18,068	297	7,807	4,436	79,028	30,261	29,193	2,815
9 U of Alabama Sys	177,613	448	50	9,156	1,781	11,582	1,829	123,412	23,781	5,504	70
10 State U of New York Sys	175,241	1,155	1,765	16,798	2,186	7,391	2,390	101,293	4,467	35,234	2,562
11 Oregon St Higher Ed Sys	153,595	14,934	2,087	9,266	1,005	16,709	4,609	71,273	5,028	25,756	2,928
12 U & St Col AZ System	151,901	7,408	726	14,532	798	4,569	2,236	66,050	20,079	32,360	3,143
13 Utah Higher Ed Sys	128,101	6,046	665	20,092	612	4,077	423	72,217	6,738	16,549	682
14 U Sys of Georgia	127,575	13,459	205	33,708	293	6,020	3,297	36,080	6,220	26,128	2,165
15 U of Massachusetts Sys	100,585	5,075	534	12,646	125	2,409	1,143	57,776	1,564	18,754	559
16 Indiana U Sys	99,164	225	93	946	118	6,780	712	71,987	672	17,368	263
17 City U of New York Sys	96,263	110	653	2,898	973	1,453	0	78,569	4,476	5,655	1,476
18 Texas A&M U Sys	77,882	15,619	1,715	5,909	0	4,159	2,219	20,595	8,865	14,596	4,205
19 Louisiana State U Sys	66,632	6,021	1,069	15,136	0	1,548	4,901	27,281	1,609	6,637	2,430
20 U of Hawaii Sys	63,394	10,663	4,106	8,606	0	2,814	140	15,957	3,710	16,805	593
21 Colorado St U System	57,722	8,918	1,940	2,995	0	2,644	1,703	22,204	3,336	11,093	2,889
22 U of Tennessee Sys	57,700	5,947	444	3,880	0	7,768	2,611	26,971	1,325	7,242	1,512
23 U of Missouri Sys	54,173	9,819	0	3,893	1,842	1,589	283	24,445	1,520	9,852	930
24 CA St U & Col System	47,889	386	1,344	4,420	223	1,450	2,820	16,404	8,075	10,064	2,703
25 U of Nebraska Sys	47,182	9,194	0	1,828	125	730	0	18,993	1,951	10,107	4,254
26 U of Arkansas Sys	42,307	14,613	0	2,442	1,476	0	732	18,067	250	3,589	1,138
27 U of Alaska Sys	33,873	4,060	3,230	380	0	0	180	1,947	13,182	8,041	2,853
28 Montana U Sys	30,700	6,239	1,200	1,140	803	935	949	5,281	3,425	9,256	1,472
29 U of Puerto Rico Sys	26,078	4,380	433	835	0	784	155	13,614	1,742	4,071	64
30 U of Nevada Sys	23,750	1,684	188	65	0	3,319	1,092	8,119	680	7,524	1,079
31 U of New Hampshire Sys	22,849	2,008	2,076	217	0	526	1,151	2,880	6,492	5,271	2,228
32 U of Houston Sys	19,821	35	7	1,872	0	1,239	241	5,387	5,382	5,588	70
33 U of Maine Sys	14,162	4,104	1,690	2,029	0	107	683	1,473	430	3,272	374
34 St U & CC Sys Tennessee	13,282	1,898	0	909	385	339	247	4,894	1,312	2,763	535
35 U of Louisiana Sys	12,719	312	0	1,216	0	6,215	1,660	1,879	513	844	80
36 Southern Illinois U Sys	7,156	831	0	261	0	598	40	3,753	20	1,398	255
37 Texas State University Sys	3,419	57	0	0	0	0	2,450	554	232	111	15
38 U of South Dakota Sys	3,236	87	55	0	0	0	0	1,232	0	1,855	7
39 Claremont Colleges Sys	2,398	33	0	0	0	10	0	999	50	1,211	95
40 Fundacion Ed G Mendez	1,840	0	0	104	0	0	0	0	0	1,736	0

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

Table B-25. Federal obligations for science and engineering research and development to systems of universities and colleges, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

System of universities and colleges	Total	USDA	Com	DoD [1]	ED	DOE	EPA	HHS	NASA	NSF	Other [2]
41 Minnesota Cmty Col Sys	1,593	42	527	0	0	0	0	383	211	430	0
42 CA Schl Prof Psych Sys	499	0	0	0	499	0	0	0	0	0	0
43 Massachusetts CC Sys	495	0	0	0	450	0	0	0	0	45	0
44 State Sys of Higher Ed	420	50	0	0	0	0	0	0	118	252	0
45 Contra Costa CC Dist Sys	325	0	0	325	0	0	0	0	0	0	0
46 Massachusetts St Col Sys	250	0	0	0	0	0	0	0	0	0	250
47 San Mateo CC Sys	81	0	0	0	0	0	0	0	81	0	0
48 Los Angeles Cmty Col Sys	76	0	0	0	0	0	0	56	0	20	0
49 Troy State U Sys	8	0	0	8	0	0	0	0	0	0	0

[1] The Department of Defense (DoD) states that more than 90 percent of its development obligations reported for universities and colleges are performed at university-affiliated laboratories that are separate from the academic departments. Furthermore, DoD states that much of its development obligations are for major systems development, that such obligations differ from its obligations for advanced technology development, and that DoD total development obligations are therefore not comparable with development obligations at other Federal agencies. Refer to table B-17 for DoD obligations to individual institutions, by research and development breakdowns.

[2] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

NOTES: Includes obligations to every individual institution included within each system.

The Agency for International Development (AID) continues its long-term work on restructuring its internal database (New Management System, NMS) that will integrate the agency's budget, programming, accounting, and procurement systems. As a result, AID's response to the fiscal year (FY) 1997 Federal support survey has again been produced using an interim reporting system as it was for the FYs 1995 and 1996 surveys. Any significant differences between AID's data reported for FYs 1995-97 and data reported prior to FY 1995 can be attributed to this change in reporting systems. In addition, AID anticipates that future responses to the Federal support survey may also differ from the FYs 1995-97 submissions since the NMS, which will eventually be the database for reporting this information, will be refined to produce more accurate data.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
Total, all institutions	2,284,438	2,743,940	3,133,029	3,083,667	3,037,011	3,111,099	3,022,244	2,837,783
1 Draper Laboratories	136,012	67,725	41,113	64,327	168,154	264,151	221,275	163,256
2 MA General Hospital	66,461	81,498	90,594	89,109	104,162	111,013	113,314	126,514
3 Mitre Corporation	10,339	256,088	247,720	245,731	236,086	188,943	206,849	124,732
4 Brigham and Womens Hosp	61,715	79,509	82,081	86,394	98,234	103,392	99,783	113,350
5 Universities Space Rsch	8,447	29,295	32,157	31,883	37,987	36,354	30,062	73,108
6 Natl Academy of Sciences	55,376	57,985	76,839	75,895	93,467	78,484	66,372	66,842
7 Assc U Rsch in Astronomy	31,672	47,349	47,540	54,816	60,227	61,283	55,489	65,000
8 Battelle Memorial Inst	42,615	53,428	62,957	78,524	107,034	79,519	75,487	57,659
9 Beth Israel Deac Med Ctr	16,155	18,243	20,315	23,142	24,964	29,046	34,412	56,129
10 Mem Sloan-Kettering Canc	43,609	46,238	48,551	48,438	49,213	50,577	54,631	55,979
Total 1st 10 institutions	472,401	737,358	749,867	798,259	979,528	1,002,762	957,674	902,569
11 Dana-Farber Cancer Inst	41,687	43,222	50,369	51,700	54,502	46,855	55,984	55,278
12 H M Jackson Foundation	28,448	7,330	9,383	9,442	77,572	28,350	60,814	55,202
13 SRI International	54,390	52,548	63,169	64,368	57,254	59,225	61,148	51,336
14 Research Triangle Inst	54,106	57,760	50,049	44,105	63,662	49,315	43,778	50,179
15 Child Hosp (Boston, MA)	27,030	28,355	32,674	32,816	38,954	37,822	42,463	41,544
16 Southwest Research Inst	29,344	20,810	22,072	29,917	27,723	29,451	14,729	36,173
17 Analytic Services, Inc	24,397	40,655	34,799	29,786	33,673	39,210	39,851	35,871
18 Salk Inst for Biol Study	29,405	34,738	36,698	33,785	35,751	30,897	33,274	35,370
19 Joint Ocean Insts, Inc	26,392	29,327	29,306	30,487	34,200	33,910	33,749	34,118
20 Cleveland Clinic Fdn	11,078	13,087	14,246	14,139	21,285	22,347	25,293	29,887
Total 1st 20 institutions	798,678	1,065,190	1,092,632	1,138,804	1,424,104	1,380,144	1,368,757	1,327,527
21 Child Hosp Phila	11,888	12,782	14,989	17,329	19,916	25,942	26,309	28,872
22 F Hutchnsn Cancer Rsch	44,047	51,856	56,201	54,622	62,757	95,104	79,983	27,807
23 Rush Presbyterian St Luke	7,173	9,196	10,381	13,449	14,433	18,559	22,803	25,481
24 New Eng Med Ctr & Hosp	17,357	21,423	21,613	23,642	25,303	25,948	24,322	25,358
25 Allegheny Singer Rsch	1,189	1,761	1,825	2,310	2,505	5,767	19,431	25,349
26 St Jude Child Rsch Hosp	12,137	13,796	16,458	18,737	19,951	19,150	23,235	25,197
27 Whitehead Inst Biomed	8,523	8,666	7,792	15,895	17,632	22,609	22,150	24,661
28 SE Ctr Electric Energy	45	0	0	0	0	11,001	0	23,768
29 Cold Spring Harbor Lab	16,519	17,762	19,799	19,858	20,544	19,433	21,923	23,375
30 Jackson Laboratory	19,688	19,972	11,353	12,994	16,588	17,538	21,370	22,149
Total 1st 30 institutions	937,244	1,222,404	1,253,043	1,317,640	1,623,733	1,641,195	1,630,283	1,579,544
31 Natl Jewish Med Rsch Ctr	10,814	12,618	13,686	14,142	16,368	16,870	18,008	21,420
32 Rand Corporation[1]	90,006	87,512	14,170	11,506	19,048	26,791	24,992	21,404
33 MPC Corporation	15,763	18,065	18,663	18,053	20,385	20,458	6,807	19,747
34 Southern Research Inst	21,144	20,132	19,880	22,528	27,916	19,071	21,905	19,432
35 Natl Marrow Donor Program	0	6,900	0	20,202	1,060	46,095	19,000	19,006
36 Burnham Institute, The	8,371	8,777	12,021	11,923	12,201	14,935	18,367	17,842
37 Child Hosp Med Ctr Cincin	5,488	7,059	8,484	7,980	10,165	11,977	16,392	17,715
38 IIT Research Institute	69,696	24,542	78,139	61,310	48,270	35,777	34,227	17,311
39 U Corp for Atmosph Rsch	7,332	4,822	5,688	1,297	4,012	16,324	22,544	16,361
40 Am Assc Retired Persons	51	0	20,384	1,122	24,948	24,383	16,535	16,275
Total 1st 40 institutions	1,165,909	1,412,831	1,444,158	1,487,703	1,808,106	1,873,876	1,829,060	1,766,057
41 Ctr Blood Research	7,064	7,474	9,564	8,066	8,991	12,942	14,401	16,004
42 OR Reg Primate Rsch Ctr	9,558	9,210	10,102	4,585	11,173	11,975	13,422	14,653
43 Wistar Institute	20,889	21,131	19,014	14,302	12,893	13,299	15,900	13,550
44 Family Health Intl	0	0	0	0	476	8,467	7,540	13,097
45 Inc Rsch Insts Seismology	0	295	342	53	7,310	9,512	3,844	12,330
46 Environmental Rsch Inst	18,241	14,714	16,266	21,540	10,817	14,202	17,858	12,030
47 Educational Testing Srvc	1,021	658	1,780	2,022	827	28,340	18,439	11,933
48 Boston Medical Center	5,937	7,590	7,517	6,645	7,410	6,864	8,541	11,907
49 Focus Hope	0	0	18,600	18,671	20,193	13,391	12,862	11,545
50 American Hlth Fdn, Inc	11,516	11,324	8,515	11,706	11,504	13,392	10,774	11,430
Total 1st 50 institutions	1,240,135	1,485,227	1,535,858	1,575,293	1,899,700	2,006,260	1,952,641	1,894,536

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

Table B-26. Federal obligations for science and engineering research and development and R&D plant to the 100 nonprofit institutions receiving the largest amounts, ranked by total amount received in fiscal year 1997: fiscal years 1990-97

[Dollars in thousands]

Institution and ranking	1990	1991	1992	1993	1994	1995	1996	1997
51 McLean Hospital	10,759	10,324	11,747	10,511	10,032	10,401	12,239	11,373
52 J Hopkins Bayview Med Ctr	0	0	0	0	5,247	6,475	7,750	10,793
53 Joslin Diabetes Fdn Inc	4,829	5,239	7,270	7,955	10,742	10,012	8,946	10,679
54 Ben Frankln Tech Ctr W PA	0	0	0	0	0	0	0	10,500
55 Natl Bureau Econ Rsch Inc	4,516	4,285	5,569	5,214	8,113	8,799	10,119	10,274
56 Lovelace Resp Rsch Ins	30	80	104	142	266	404	10,009	10,142
57 Montefiore Hosp & Med Ctr	9,781	10,698	11,309	11,305	13,054	13,274	13,099	9,917
58 Cedars Sinai Med Ctr	5,484	4,977	7,196	9,179	10,888	7,710	9,135	9,749
59 Carnegie Inst Washington	3,580	3,925	5,558	6,368	8,513	7,697	6,840	9,404
60 Am Registry Pathology	3,559	33	31	0	1,343	63	9,573	9,325
Total 1st 60 institutions	1,282,673	1,524,788	1,584,642	1,625,967	1,967,898	2,071,095	2,040,351	1,996,692
61 Concurrent Tech Corp	0	0	0	0	0	70	0	9,301
62 Natl Sr Ctzns Ed & Rsch	0	0	0	0	0	8,508	6,791	9,256
63 Urban Institute	5,321	3,730	7,892	7,839	11,107	8,817	4,661	9,182
64 Inst for Cancer Research	149	8,865	7,062	9,578	7,741	7,648	7,594	9,173
65 Beckman Research Inst	6,643	5,766	8,089	7,804	8,438	5,386	6,422	9,060
66 Marine Biological Lab	4,304	9,745	8,392	3,144	1,149	6,460	3,039	8,940
67 Oregon Research Inst	4,692	5,294	6,166	6,556	7,837	7,695	8,422	8,937
68 Rhode Island Hospital	2,770	4,009	3,840	4,572	5,131	4,407	6,783	8,891
69 Frontier Sci & Tech Rsch	1,585	1,588	1,842	1,853	2,437	7,103	8,842	8,772
70 Natl Caucus Ctr Black Age	0	0	275	1,247	7,258	8,782	6,470	8,731
Total 1st 70 institutions	1,308,137	1,563,785	1,628,200	1,668,560	2,018,996	2,135,971	2,099,375	2,086,935
71 MCNC(Microelectrn Ctr NC)	95	75	868	8,180	8,822	9,729	3,293	8,712
72 Jay David Gladstone Fdn	2,896	2,049	4,609	5,225	5,456	6,504	8,936	8,675
73 Child Hosp Pittsburgh	3,815	11,826	7,084	5,200	12,800	8,215	8,278	8,522
74 St Lukes-Rsvlt Inst Hlth	4,798	4,167	4,694	5,905	7,305	6,599	7,502	8,374
75 WV Research Corp	0	0	34	0	993	2,061	100	8,281
76 Texas Eng Expmt Station	0	0	0	0	3,267	405	1,715	8,107
77 Oklahoma Med Rsch Fdn	4,527	5,781	5,526	5,490	5,863	7,799	8,568	8,073
78 MA Eye & Ear Infirmary	6,659	6,490	7,345	6,976	7,719	8,312	8,649	7,908
79 Schepens Eye Rsch Inst	6,249	7,555	6,300	5,906	6,335	7,610	8,550	7,810
80 Child Hosp Los Angeles	7,427	8,921	9,048	7,474	8,045	8,428	8,649	7,766
Total 1st 80 institutions	1,344,603	1,610,649	1,673,708	1,718,916	2,085,601	2,201,633	2,163,615	2,169,163
81 Midwest Research Inst	5,258	7,807	23,372	20,267	20,429	5,066	5,249	7,356
82 North Shore U Hospital	4,358	4,474	5,517	4,616	4,102	4,009	4,809	7,263
83 Friends Med Sci Rsch Ctr	4,209	3,869	3,736	4,091	4,182	4,652	5,862	7,211
84 Magee Womens Hosp	979	932	994	1,733	2,141	4,314	5,568	7,081
85 Am Col of Radiology	5	0	0	7,243	9,084	7,033	7,746	6,947
86 SC Research Authority	66	158	71,354	18,219	31,324	49,948	27,762	6,782
87 Human Resources Rsch Org	689	100	304	2,193	2,499	8,288	2,969	6,773
88 Natl Chld Theater for Env	0	0	0	0	0	0	0	6,478
89 Act Trans Demand Mgmt	0	0	0	0	0	0	175	6,366
90 Ctr Molecular Med & Immun	2,763	2,717	2,611	2,497	3,139	3,457	4,736	6,166
Total 1st 90 institutions	1,362,930	1,630,706	1,781,596	1,779,775	2,162,501	2,288,400	2,228,491	2,237,586
91 Natl Opinion Research Ctr	3,202	2,840	5,107	3,971	4,874	2,870	4,603	5,964
92 EK Shriver Ctr Mental	4,525	3,986	4,235	5,353	4,753	4,426	4,590	5,928
93 Public Health Res Inst	4,394	4,680	4,962	4,968	5,390	5,710	8,281	5,889
94 Forsyth Dental Center	5,387	5,856	6,297	5,366	5,878	5,540	6,237	5,834
95 Pacific Inst Rsch&Eval MD	171	2,657	0	4,308	6,065	6,882	4,348	5,699
96 Long Island Jew Hillside	2,858	3,686	4,353	5,112	4,823	5,702	6,581	5,384
97 Natl Asian Pac Ctr Aging	0	0	200	212	3,693	4,442	2,126	5,296
98 Memorial Hosp Pawtucket	3,190	2,025	3,016	2,877	2,478	3,813	997	5,175
99 Oregon Socl Learning Ctr	2,096	3,383	4,156	4,194	4,269	4,473	5,285	5,149
100 Am Soc Engineering Ed	5,050	20,465	6,754	9,288	10,504	7,066	4,843	5,121
Total 1st 100 institutions	1,393,803	1,680,284	1,820,676	1,825,424	2,215,228	2,339,324	2,276,382	2,293,025

[1] The fiscal year (FY) 1992, 1993, and 1994 obligations from the Department of Defense (DoD) to the Rand Corporation were mostly reported to three federally funded research and development centers administered by the Rand Corporation: Project Air Force, the Arroyo Center, and the National Defense Research Institute. FY 1991 obligations from DoD for the four entities were all reported as the Rand Corporation.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
United States, total	2,837,783	18,550	50,014	652,753	43,538	62,655	156,999	1,416,186	246,516	161,984	28,588
New England, total	935,946	300	603	296,871	3,678	4,874	9,771	588,121	9,074	21,703	951
Connecticut, total	7,073	0	0	0	0	0	250	6,557	0	266	0
Hartford Hospital	364	0	0	0	0	0	0	364	0	0	0
Haskins Laboratories, Inc	3,200	0	0	0	0	0	0	3,079	0	121	0
John B Pierce Lab, Inc	1,793	0	0	0	0	0	0	1,793	0	0	0
Org NE/Clay Hill N End	250	0	0	0	0	0	250	0	0	0	0
Societal Inst of Math Sci	645	0	0	0	0	0	0	645	0	0	0
St Francis Hosp & Med Ctr	676	0	0	0	0	0	0	676	0	0	0
Yale Southern Observatory	145	0	0	0	0	0	0	0	0	145	0
Maine, total	27,358	0	145	575	0	579	173	22,041	400	3,445	0
Acadia Institute	202	0	0	0	0	0	0	0	0	202	0
Androscoggin Vly Cncl Gov	93	0	0	0	0	0	93	0	0	0	0
Eastern ME Dvlpmt Corp	145	0	145	0	0	0	0	0	0	0	0
Jackson Laboratory	22,149	0	0	0	0	329	0	20,392	0	1,428	0
Legl Svcs for the Elderly	90	0	0	0	0	0	0	90	0	0	0
ME Sci & Tech Fdn	205	0	0	0	0	0	0	0	205	0	0
Maine Medical Center	501	0	0	137	0	0	0	364	0	0	0
Mount Desert Isld Bio Lab	649	0	0	0	0	0	0	414	0	235	0
Northeastern Rsch Fdn	1,989	0	0	438	0	0	0	0	195	1,356	0
Public Hlth Rsch Inst	871	0	0	0	0	0	0	647	0	224	0
Regulatory Asstnc Prjt	330	0	0	0	0	250	80	0	0	0	0
United Fam Chld Mntl Hlth	134	0	0	0	0	0	0	134	0	0	0
Massachusetts, total	874,358	252	458	295,555	3,678	4,287	8,374	535,426	8,416	17,204	708
Action Boston Cmty Dvlpmt	200	0	0	0	0	0	0	200	0	0	0
Am Acad of Arts & Sci	117	0	0	0	0	0	0	0	0	117	0
Am Meteorological Soc	557	0	30	20	0	0	0	0	397	110	0
Appalachian Mountain Club	3	3	0	0	0	0	0	0	0	0	0
Assc Physical Sys Math	20	0	0	0	0	0	0	0	20	0	0
Assc Women Mathematics	30	0	0	0	0	0	0	0	0	30	0
Beth Israel Deac Med Ctr	56,129	0	0	0	0	1,595	0	53,921	427	186	0
Boston Biomedical Rsch	3,748	0	0	0	0	0	0	3,635	0	113	0
Boston Medical Center	11,907	0	0	0	378	0	0	11,529	0	0	0
Brigham and Womens Hosp	113,350	0	0	1,866	0	0	225	109,675	1,333	251	0
Cambridge Med Care Fdn	102	0	102	0	0	0	0	0	0	0	0
Child Hosp (Boston, MA)	41,544	0	0	300	950	0	0	39,920	374	0	0
Cmty Actn Agcy Somerville	147	0	0	0	0	0	147	0	0	0	0
Cncl Jvnl Correctnl Admin	300	0	0	0	0	0	0	0	0	0	300
Cnsrtm Energy Efficiency	450	0	0	0	0	100	350	0	0	0	0
Ctr Blood Research	16,004	0	0	0	0	0	0	16,004	0	0	0
Ctr Hlth Economic Rsch	140	0	0	0	0	0	0	140	0	0	0
Ctr Tech Commercializatn	1,485	0	0	0	0	0	0	0	1,485	0	0
Dana-Farber Cancer Inst	55,278	0	0	1,183	0	0	0	54,095	0	0	0
Draper Laboratories	163,256	0	0	161,015	0	0	0	0	2,241	0	0
EK Shriver Ctr Mental	5,928	0	0	0	0	25	0	5,898	0	5	0
Earthwatch Expeditions	20	0	0	0	0	0	0	0	0	0	20
Education Development Ctr	4,199	0	0	0	125	0	0	3,267	0	807	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued:											
Massachusetts, continued:											
Environmental Careers Org	114	0	0	0	0	0	0	0	0	0	114
Forsyth Dental Center	5,834	0	0	0	0	0	0	5,834	0	0	0
Frontier Sci & Tech Rsch	8,772	0	0	0	0	0	0	8,772	0	0	0
Gloucester Fshmn Wives	54	0	54	0	0	0	0	0	0	0	0
Harvard Pilgrim Hlth Care	53	0	0	0	0	0	0	53	0	0	0
Health Effects Institute	4,452	0	0	0	0	0	4,452	0	0	0	0
Hebrew Rehab Center	3,164	0	0	0	0	0	0	3,164	0	0	0
Humn Svc Rsch (Cmbrg MA) ..	1,833	0	0	0	225	0	0	1,608	0	0	0
Inst for Responsible Mgt	489	0	0	0	0	0	489	0	0	0	0
Inst for Sci Rsch Inc	195	0	0	0	0	0	0	0	130	65	0
Intl Space University	775	0	0	0	0	0	0	0	775	0	0
JASON Fdn for Education	530	0	0	400	0	0	0	0	130	0	0
Jobs and Env Campaign Inc ...	50	0	0	0	0	0	50	0	0	0	0
Joslin Diabetes Fdn Inc	10,679	0	0	0	0	0	0	10,679	0	0	0
Lahey Clinic Fdn	189	0	0	0	0	0	0	189	0	0	0
Lincoln Inst Land Policy	49	0	0	0	0	0	0	0	0	0	49
Local Env Initiatives	1,357	0	0	0	0	0	1,357	0	0	0	0
MA Eye & Ear Infirmary	7,908	0	0	45	0	0	0	7,863	0	0	0
MA Fdn Exclnc Marine Poly	675	0	0	0	0	0	675	0	0	0	0
MA Fdn for Humanities	15	0	0	0	0	0	0	0	0	15	0
MA General Hospital	126,514	180	0	6,895	0	573	0	117,736	180	950	0
MA Health Research Inst	2,134	0	0	0	0	0	0	2,134	0	0	0
Maria Mitchell Observ	45	0	0	0	0	0	0	0	0	45	0
Marine Biological Lab	8,940	69	89	60	0	184	290	2,271	739	5,213	25
Mass Mentl Hlth Rsch Corp	185	0	0	0	0	0	0	0	185	0	0
McLean Hospital	11,373	0	0	0	0	0	0	11,373	0	0	0
Mitre Corporation	124,732	0	0	123,679	0	925	0	0	0	128	0
N E Radio Observatory Ctr	1,506	0	0	0	0	0	0	0	0	1,506	0
Natl Bureau Econ Rsch Inc	10,274	0	0	0	0	0	0	5,406	0	4,868	0
Natl Consumer Law Inc	110	0	0	0	0	0	0	110	0	0	0
New Eng Med Ctr & Hosp	25,358	0	0	0	500	0	0	24,858	0	0	0
New England Aquarium Corp ..	56	0	0	56	0	0	0	0	0	0	0
Peabody Fdn Archaeology	93	0	0	0	0	0	0	0	0	93	0
Schepens Eye Rsch Inst	7,810	0	0	0	0	280	0	7,530	0	0	0
Soc General Physiologists	12	0	0	0	0	0	0	0	0	12	0
St Eliz Hosp Boston MA	2,172	0	0	0	0	0	0	2,172	0	0	0
Tech Education Rsch Ctr	3,271	0	0	0	1,500	0	0	0	0	1,771	0
Tellus Institute, Inc	301	0	0	0	0	0	301	0	0	0	0
Very Special Arts MA, Inc	183	0	183	0	0	0	0	0	0	0	0
Waste Watch Center, The	38	0	0	0	0	0	38	0	0	0	0
Whitehead Inst Biomed	24,661	0	0	0	0	330	0	23,880	0	451	0
Woods Hole Research Ctr	743	0	0	0	0	275	0	0	0	468	0
Worcester Fdn Exper Bio	1,546	0	0	36	0	0	0	1,510	0	0	0
Youth Build USA	200	0	0	0	0	0	0	0	0	0	200

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
New England, continued:											
New Hampshire, total	823	3	0	712	0	0	20	0	0	0	88
Acad of Applied Science	241	0	0	241	0	0	0	0	0	0	0
Autonms Undersea Sys Inst	451	0	0	451	0	0	0	0	0	0	0
New Engl Inst Landscape	3	3	0	0	0	0	0	0	0	0	0
Seacoast Anti-Polltn Lgue	20	0	0	0	0	0	20	0	0	0	0
Student Conservatn Assoc	108	0	0	20	0	0	0	0	0	0	88
Rhode Island, total	25,306	45	0	29	0	8	70	23,953	258	788	155
Am Mathematical Society	406	0	0	0	0	0	0	0	0	406	0
Assc Symbolic Logic	30	0	0	0	0	0	0	0	0	30	0
Butler Hospital	1,480	0	0	0	0	0	0	1,480	0	0	0
Cmty Dvlpmt Training Inst	150	0	0	0	0	0	0	0	0	0	150
Emma Pendleton Bradley	2,781	0	0	0	0	0	0	2,781	0	0	0
Gordon Rsch Conferences	526	45	0	29	0	8	50	0	42	347	5
Marine Env Ed Fdn, Inc	20	0	0	0	0	0	20	0	0	0	0
Memorial Hosp Pawtucket	5,175	0	0	0	0	0	0	5,175	0	0	0
Miriam Hospital	3,622	0	0	0	0	0	0	3,406	216	0	0
Rhode Island Hospital	8,891	0	0	0	0	0	0	8,886	0	5	0
Roger Williams Gen Hosp	577	0	0	0	0	0	0	577	0	0	0
Women & Infants Hosp	1,648	0	0	0	0	0	0	1,648	0	0	0
Vermont, total	1,028	0	0	0	0	0	884	144	0	0	0
Green Mt Inst Env Demcrcy	694	0	0	0	0	0	694	0	0	0	0
Inst Sustainable Cmnts	86	0	0	0	0	0	86	0	0	0	0
Rutland Regional Med Ctr	144	0	0	0	0	0	0	144	0	0	0
VT Energy Investment Corp	104	0	0	0	0	0	104	0	0	0	0
Middle Atlantic, total	401,818	1,605	13,816	32,750	15,937	5,188	4,896	262,968	3,259	59,507	1,892
New Jersey, total	24,505	29	1,152	513	12,306	280	212	9,879	90	44	0
Beth Isrl Hosp (Pssc NJ)	513	0	0	513	0	0	0	0	0	0	0
Cath Charities Diocese Tr	110	0	0	0	0	0	0	110	0	0	0
Charles Vlt Riley Mem Fdn	29	29	0	0	0	0	0	0	0	0	0
Coriell Inst for Med Rsch	3,529	0	0	0	0	0	0	3,529	0	0	0
Ctr Molecular Med & Immun	6,166	0	0	0	0	280	0	5,886	0	0	0
Educational Testing Srvc	11,933	0	0	0	11,933	0	0	0	0	0	0
Electrochemical Society	4	0	0	0	0	0	0	0	0	4	0
Farmworker Hlth & Sfty	120	0	0	0	0	0	120	0	0	0	0
Hackensack Hospital	354	0	0	0	0	0	0	354	0	0	0
Intl Soc Exposure Anlysis	25	0	0	0	0	0	25	0	0	0	0
Kessler Inst for Rehab	373	0	0	0	373	0	0	0	0	0	0
Monmouth-Ocean Hosp Svc	498	0	498	0	0	0	0	0	0	0	0
NJ Cmty Development Corp	67	0	0	0	0	0	67	0	0	0	0
NJ Marine Science Cnsrtm	552	0	552	0	0	0	0	0	0	0	0
Princeton U Press	27	0	0	0	0	0	0	0	0	27	0
Recording for the Blind	13	0	0	0	0	0	0	0	0	13	0
Space Studies Institute	90	0	0	0	0	0	0	0	90	0	0
Textile Research Inst	102	0	102	0	0	0	0	0	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
New York, total	216,818	1,316	683	8,255	1,286	1,659	3,243	156,240	834	41,922	1,380
Alan Guttmacher Institute	527	0	0	0	0	0	0	527	0	0	0
Am Assc of Engineers	80	0	0	0	0	0	0	0	0	80	0
Am Cncl Learned Societies	89	0	0	0	0	0	0	0	0	89	0
Am Inst Aeronautic Astro	205	0	0	0	0	0	0	0	205	0	0
Am Inst Chemical Eng	380	0	0	0	0	305	75	0	0	0	0
Am Museum of Natl Hist	1,148	0	0	0	0	85	0	0	174	874	15
Am Soc Civil Engineers	490	0	30	0	0	0	405	0	0	0	55
American Forum, Inc	944	0	0	0	0	0	944	0	0	0	0
American Hlth Fdn, Inc	11,430	0	0	0	0	0	0	11,430	0	0	0
Assc Rsch Vision Ophthal	48	0	0	0	0	0	0	48	0	0	0
Assoc State Wetland Mgrs	50	0	0	0	0	0	50	0	0	0	0
B Thompson Inst Plant	1,823	610	0	0	0	165	203	465	71	309	0
Beth Israel Medical Ctr	3,039	0	0	0	0	0	0	3,039	0	0	0
Bronx Lebanon Hosp Ctr	89	0	0	0	0	0	0	89	0	0	0
Brooklyn Perinatal Ntwk	200	0	0	0	0	0	0	200	0	0	0
Burke Rehabilitation Ctr	640	0	0	0	0	0	0	640	0	0	0
Calspan U Buffalo Rsch	163	0	0	0	0	0	0	0	163	0	0
Children's Village, The	486	0	0	0	0	0	0	0	0	0	486
Childrens TV Workshop	11	0	0	0	0	0	0	0	0	11	0
Cold Spring Harbor Lab	23,375	570	0	598	0	221	0	19,446	0	2,540	0
Compton Rsch Lab, Inc	200	0	0	200	0	0	0	0	0	0	0
Ctr for Cmty Alternatives	59	0	0	0	0	0	0	0	0	0	59
Dosecc, Inc	249	0	0	0	0	0	0	0	0	249	0
Environmentl Defense Fund	700	0	0	0	0	0	700	0	0	0	0
Global Action Plan Earth	63	0	0	0	0	0	63	0	0	0	0
Harlem Hospital Center	70	0	0	0	0	0	0	70	0	0	0
Hastings Center, The	81	0	0	0	0	0	0	0	0	81	0
Haudenosaunee Env Tsk Frc	110	0	0	0	0	0	110	0	0	0	0
Hauptman-Wdwrd Med Rsch	1,978	0	0	0	0	0	0	1,648	79	251	0
Health Research, Inc	2,671	0	0	845	117	27	446	0	0	1,236	0
Highland Hosp Rochester	369	0	0	0	0	0	0	369	0	0	0
Hist of Science Society	46	0	0	0	0	0	0	0	0	46	0
Hosp Joint Disease Ortho	2,242	0	0	0	0	0	0	2,160	0	82	0
Hosp for Special Surgery	4,511	0	0	0	0	0	0	4,511	0	0	0
Initiav Cmptve Inner City	170	0	0	0	0	0	0	0	0	0	170
Inst Elec & Electron Eng	176	0	0	25	0	63	0	0	12	76	0
Inst of Public Admin	15	0	0	0	0	0	0	0	0	15	0
Inter Faith Medical Ctr	205	0	0	0	0	0	0	205	0	0	0
Joint Ocean Insts, Inc	34,118	0	0	1,315	0	0	0	0	0	32,803	0
Legal Services for NYC	11	0	0	0	0	0	0	11	0	0	0
Lexington Center, Inc	849	0	0	0	849	0	0	0	0	0	0
Long Island Jew Hillside	5,384	0	0	0	0	0	0	5,384	0	0	0
Maimonides Medical Center	726	0	0	0	0	0	0	726	0	0	0
Manpowr Demo Rsch Corp	2,323	0	0	0	0	0	0	2,023	0	0	300
Mary Imogene Basset Hosp	867	0	0	0	0	0	0	867	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
New York, continued:											
Masonic Medical Rsch Lab	448	0	0	0	0	0	0	448	0	0	0
Mem Sloan-Kettering Canc	55,979	0	0	952	0	0	0	54,294	0	733	0
Monroe Co Long Term Care	309	0	0	0	0	0	0	309	0	0	0
Montefiore Hosp & Med Ctr	9,917	0	0	0	0	0	0	9,917	0	0	0
Mt Sinai Hosp New York	1,234	0	0	1,078	0	0	0	156	0	0	0
NY Academy of Science	15	0	0	0	0	0	0	0	0	15	0
NY Botan Gard Inst Ecosys	1,473	1	0	0	0	0	0	0	30	1,442	0
NY Botanical Garden NY	273	0	0	0	0	0	0	0	0	273	0
National Urban League	653	0	653	0	0	0	0	0	0	0	0
Natl Actn Cncl Minorities	75	0	0	0	0	0	0	0	0	75	0
Natl Ctr Disability Svc	320	0	0	0	320	0	0	0	0	0	0
Natl Dvlpmt & Rsch Inst	335	0	0	0	0	0	0	335	0	0	0
Natl Hemophilia Fdn	2,636	0	0	0	0	0	0	2,636	0	0	0
Natl Urban Fellows	40	0	0	0	0	0	0	0	0	0	40
Nontraditl Employ Women	205	0	0	0	0	0	0	0	0	0	205
North Shore U Hospital	7,263	0	0	442	0	0	0	6,821	0	0	0
Our Ldy Lourdes Mem Hosp	50	0	0	0	0	0	0	50	0	0	0
Paleontological Rsch Inst	521	0	0	0	0	0	0	0	0	521	0
Parsons Chld&Fam Hlth Ctr	53	0	0	0	0	0	0	53	0	0	0
Pathways to Housing, Inc	334	0	0	0	0	0	0	334	0	0	0
Population Council	4,226	0	0	0	0	0	0	4,226	0	0	0
Public Health Res Inst	5,889	0	0	0	0	0	0	5,889	0	0	0
Regional Plan Association	50	0	0	0	0	0	0	0	0	0	50
Renewable Enrgy Cncl	749	0	0	0	0	749	0	0	0	0	0
Rensselaerville Institute	69	0	0	0	0	0	69	0	0	0	0
Riverside Research Inst	1,829	0	0	653	0	0	0	1,176	0	0	0
Rsch Fdn Mental Hygiene	1,367	0	0	0	0	0	0	1,367	0	0	0
Space Frontier Foundation	100	0	0	0	0	0	0	0	100	0	0
St Lukes Roosevlt Hosp C	996	0	0	0	0	0	0	996	0	0	0
St Lukes-Rsvlt Inst Hlth	8,374	0	0	0	0	0	0	8,374	0	0	0
Syracuse Research Corp	2,068	0	0	1,890	0	0	178	0	0	0	0
Trudeau Institute Inc	3,063	0	0	0	0	0	0	3,063	0	0	0
United Engineering Trusts	121	0	0	0	0	0	0	0	0	121	0
United Negro College Fund	23	0	0	0	0	23	0	0	0	0	0
Visiting Nurse Svc NY	55	0	0	0	0	0	0	55	0	0	0
W Alton Jones Cell Sci	2,214	135	0	257	0	21	0	1,801	0	0	0
Winthrop U Hospital	82	0	0	0	0	0	0	82	0	0	0
Pennsylvania, total	160,495	260	11,981	23,982	2,345	3,249	1,441	96,849	2,335	17,541	512
Acad Natural Sci Phila	916	0	15	0	0	0	268	0	0	621	12
Affordable Comfort	160	0	0	0	0	35	125	0	0	0	0
Air & Waste Mgt Assc	333	0	0	0	0	0	333	0	0	0	0
Albert Einstein Med Ctr	369	0	0	0	0	0	0	369	0	0	0
Allegheny General Hosp	730	0	0	0	0	0	0	730	0	0	0
Allegheny Singer Rsch	25,349	0	11,701	0	0	0	0	13,648	0	0	0
Am Inst Rsch Pittsburgh	584	0	0	0	0	0	0	584	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Middle Atlantic, continued:											
Pennsylvania, continued:											
Am Soc Testing Materials	379	3	0	0	0	0	376	0	0	0	0
Ben Frankln Tech Ctr W PA	10,500	0	0	10,500	0	0	0	0	0	0	0
Child Hosp Phila	28,872	0	0	0	0	0	0	28,872	0	0	0
Child Hosp Pittsburgh	8,522	0	0	1,237	0	0	0	7,285	0	0	0
Concurrent Tech Corp	9,301	0	0	8,841	0	160	300	0	0	0	0
D Guthrie Fdn Med Rsch	624	0	0	0	0	0	0	624	0	0	0
Emergency Care Rsch Inst	1,670	0	0	0	0	0	0	1,670	0	0	0
Fam Hlth Cncl of Ctrl PA	33	0	0	0	0	0	0	33	0	0	0
Forensic Advocacy Cltn	100	0	0	0	0	0	0	100	0	0	0
Fox Chase Cancer Center	530	0	0	530	0	0	0	0	0	0	0
Geisinger Medical Center	178	178	0	0	0	0	0	0	0	0	0
Graduate Hospital	1,006	0	0	0	0	0	0	1,006	0	0	0
Greene Co Memorial Hosp	770	0	0	0	0	0	0	0	770	0	0
Inst Expermntl Psychiatry	194	0	0	0	0	0	0	0	194	0	0
Inst for Cancer Research	9,173	0	0	0	0	0	0	8,828	0	345	0
Lankenau Hospital	438	0	0	0	0	0	0	438	0	0	0
Lankenau Med Rsch Center	1,730	0	0	0	0	0	0	1,730	0	0	0
MPC Corporation	19,747	0	0	1,818	0	0	0	2,281	0	15,648	0
Magee Womens Hosp	7,081	0	0	0	0	0	0	7,010	0	71	0
Materials Research Soc	30	0	0	5	0	0	0	0	0	25	0
Matrix Research Institute	500	0	0	0	500	0	0	0	0	0	0
Mercy Hosp of Pittsburgh	133	0	0	0	0	0	0	133	0	0	0
Mineral Metals Mat Soc	15	0	0	5	0	0	0	0	0	10	0
Mineralogical Soc of Am	58	0	0	0	0	0	0	0	0	58	0
Monell Chem Senses Ctr	3,197	79	0	0	0	0	0	3,118	0	0	0
Moss Rehabilitation Hosp	1,027	0	0	0	345	0	0	682	0	0	0
National Technical Assn	98	0	0	0	0	0	0	0	98	0	0
Natl Inst Environmtl Rnwl	200	0	0	0	0	200	0	0	0	0	0
Phila Hlth Mgmt Corp	297	0	0	0	0	0	0	297	0	0	0
Philadelphia Geriatrc Ctr	1,015	0	0	0	0	0	0	1,015	0	0	0
Public/Private Ventures	600	0	0	0	0	0	0	100	0	0	500
Rsch for Better Schools	1,500	0	0	0	1,500	0	0	0	0	0	0
S George St Cmty Prtnshp	265	0	265	0	0	0	0	0	0	0	0
Soc Automotive Engineers	52	0	0	0	0	0	39	0	0	13	0
Soc Industrial App M	208	0	0	10	0	50	0	0	0	148	0
St Francis Med Ctr	2,339	0	0	0	0	0	0	2,339	0	0	0
Treatment Research Inst	515	0	0	0	0	0	0	515	0	0	0
U City Science Center	4,257	0	0	762	0	2,804	0	531	0	160	0
Weis Center for Research	1,176	0	0	0	0	0	0	1,176	0	0	0
Wills Eye Hospital	174	0	0	0	0	0	0	174	0	0	0
Wistar Institute	13,550	0	0	274	0	0	0	11,561	1,273	442	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, total	241,845	494	8,764	82,876	3,199	444	10,583	114,589	10,965	7,608	2,323
Illinois, total	74,828	364	650	15,994	2,660	444	2,393	44,378	871	5,621	1,453
Adler Planetarium	65	0	0	0	0	0	0	0	65	0	0
Am Acad of Pediatrics	474	0	0	0	0	0	39	435	0	0	0
Am Col of Radiology	6,947	0	0	0	0	0	0	6,947	0	0	0
Am Dental Assc for Hlth	1,621	0	0	0	0	0	0	1,621	0	0	0
Am Hospital Assciation	163	0	0	0	0	0	0	163	0	0	0
American Bar Foundation	5	0	0	0	0	0	0	0	0	5	0
American Planning Assc	450	0	0	0	0	30	0	0	0	0	420
Chestnut Health Systems	891	0	0	0	0	0	0	891	0	0	0
Chicago Acad of Sci	176	0	0	0	0	0	0	0	176	0	0
Ctr for Neighborhood Tech	150	0	0	0	0	0	150	0	0	0	0
Evanston Hospital	1,995	0	0	0	0	0	0	1,995	0	0	0
Field Museum Natural Hist	2,770	0	0	0	0	0	0	0	40	2,730	0
Friends of Lincoln Park	110	110	0	0	0	0	0	0	0	0	0
Govt Finance Ofcrs Assoc	138	0	0	0	0	0	138	0	0	0	0
Hektoen Inst Med Rsch	2,168	0	0	0	0	0	0	2,168	0	0	0
Hosp Rsch & Ed Trust	229	0	0	0	0	0	0	229	0	0	0
IIT Research Institute	17,311	0	0	15,861	0	0	0	0	550	0	900
Illinois State Museum	783	0	650	0	0	0	0	0	0	0	133
Ingalls Mem Hospital	152	0	0	0	0	0	0	152	0	0	0
Inst of Gas Technology	414	0	0	0	0	414	0	0	0	0	0
Juvenile Protection Assoc	248	0	0	0	0	0	0	248	0	0	0
Lincoln Prk Advisory Cncl	254	254	0	0	0	0	0	0	0	0	0
Methdst Med Ctr-Peoria IL	171	0	0	0	0	0	0	171	0	0	0
Metropolitan Family Svcs	62	0	0	0	0	0	0	62	0	0	0
Midtown Educational Fdn	40	0	0	0	0	0	0	0	40	0	0
Midwest Bus Grp on Hlth	25	0	0	0	0	0	0	25	0	0	0
NC Rgn Educational Lab	1,500	0	0	0	1,500	0	0	0	0	0	0
Natl Assn Perintl Addctn	467	0	0	0	0	0	0	467	0	0	0
Natl Opinion Research Ctr	5,964	0	0	0	135	0	0	2,991	0	2,838	0
Natl Parent Tchrs Assoc	275	0	0	0	0	0	275	0	0	0	0
Natl Safety Council	1,791	0	0	0	0	0	1,791	0	0	0	0
Oral Health America	10	0	0	0	0	0	0	10	0	0	0
Rehab Inst of Chicago	1,025	0	0	0	1,025	0	0	0	0	0	0
Rush Presbyterian St Luke	25,481	0	0	133	0	0	0	25,310	0	38	0
Soc Integrative Comp Bio	10	0	0	0	0	0	0	0	0	10	0
Womens Treatment Ctr	493	0	0	0	0	0	0	493	0	0	0
Indiana, total	507	7	0	0	0	0	0	0	0	0	500
Conservation Tillage Info	7	7	0	0	0	0	0	0	0	0	0
Project OZ	500	0	0	0	0	0	0	0	0	0	500
Michigan, total	38,339	0	7,710	19,968	539	0	3,434	3,811	1,123	1,748	6
Butterworth Hospital	711	0	0	0	0	0	0	711	0	0	0
Ctr Env Plcy Econ & Sci	80	0	0	0	0	0	80	0	0	0	0
Ctr Social Gerontology	150	0	0	0	0	0	0	150	0	0	0
Elder Law of MI, Inc	90	0	0	0	0	0	0	90	0	0	0
Environmental Rsch Inst	12,030	0	3,658	7,218	0	0	220	0	928	0	6

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
East North Central, continued:											
Michigan, continued:											
Focus Hope	11,545	0	0	11,545	0	0	0	0	0	0	0
Global River Env Ed	15	0	0	0	0	0	15	0	0	0	0
Henry Ford Health System	1,162	0	0	0	0	0	0	1,162	0	0	0
Henry Ford Hospital	195	0	0	0	0	0	0	0	195	0	0
High Scope Ed Rsch Fdn	500	0	0	0	0	0	0	500	0	0	0
Industrial Tech Institute	757	0	505	252	0	0	0	0	0	0	0
Merit Network, Inc	1,748	0	0	0	0	0	0	0	0	1,748	0
Michigan Biotech Inst	1,000	0	0	0	0	0	1,000	0	0	0	0
Michigan Molecular Inst	953	0	0	953	0	0	0	0	0	0	0
Michigan Public Hlth Inst	5	0	0	0	0	0	0	5	0	0	0
NSF International	1,700	0	0	0	0	0	1,700	0	0	0	0
Natl Ctr Manufactrng Sci	3,966	0	3,547	0	0	0	419	0	0	0	0
Rehabilitation Inst MI	839	0	0	0	539	0	0	300	0	0	0
Sinai Hospital Detroit	30	0	0	0	0	0	0	30	0	0	0
William Beaumont Hospital	863	0	0	0	0	0	0	863	0	0	0
Ohio, total	119,548	12	404	46,914	0	0	4,513	58,131	8,971	239	364
Battelle Memorial Inst	57,659	0	0	43,488	0	0	4,313	9,311	296	0	251
Caracole, Inc	404	0	404	0	0	0	0	0	0	0	0
Child Hosp Columbus	2,976	0	0	0	0	0	0	2,831	145	0	0
Child Hosp Med Ctr Cincin	17,715	0	0	149	0	0	0	17,566	0	0	0
Cincinnati Hlth Network	113	0	0	0	0	0	0	0	0	0	113
Cincinnati Mus Natr Hist	239	0	0	0	0	0	0	0	0	239	0
Cleveland Clinic Fdn	29,887	0	0	0	0	0	0	25,772	4,115	0	0
Dayton Foundation, The	154	0	0	154	0	0	0	0	0	0	0
Edison Weld Inst	3,123	0	0	3,123	0	0	0	0	0	0	0
Enterprise Dvlpmt Inc	76	0	0	0	0	0	0	0	76	0	0
James N Gamble Inst Med	2,285	0	0	0	0	0	0	2,285	0	0	0
Kettering Medical Center	246	0	0	0	0	0	0	246	0	0	0
Mt Sinai Hosp Cleveland	120	0	0	0	0	0	0	120	0	0	0
Ohio Aerospace Institute	4,328	0	0	0	0	0	0	0	4,328	0	0
Ohio Agricultural R&D Ctr	12	12	0	0	0	0	0	0	0	0	0
Txclgy Exclnc Risk Assmnt	200	0	0	0	0	0	200	0	0	0	0
Vocational Info Prog Inst	11	0	0	0	0	0	0	0	11	0	0
Wisconsin, total	8,623	111	0	0	0	0	243	8,269	0	0	0
Amer Soc of Agronomy	2	2	0	0	0	0	0	0	0	0	0
Blood Ctr of Southeast WI	3,757	0	0	0	0	0	0	3,757	0	0	0
Forest Products Society	21	21	0	0	0	0	0	0	0	0	0
Lmbrjck Res Cnsrvtn Dev	60	60	0	0	0	0	0	0	0	0	0
Marshfield Med Rsch Fdn	4,512	0	0	0	0	0	0	4,512	0	0	0
North Am Lake Mgt Soc	145	0	0	0	0	0	145	0	0	0	0
Sixtnth St Cmty Hlth Ctr	98	0	0	0	0	0	98	0	0	0	0
Soc Ecological Restoratn	28	28	0	0	0	0	0	0	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West North Central, total	44,537	3,290	834	21,115	0	2,970	1,306	11,543	1,902	1,382	195
Iowa, total	3,179	0	0	0	0	1,700	150	1,329	0	0	0
Hzrdous Mat Trg Rsch Inst	150	0	0	0	0	0	150	0	0	0	0
Iowa Oncology Rsch Assc	222	0	0	0	0	0	0	222	0	0	0
Krell Institute, Inc	1,700	0	0	0	0	1,700	0	0	0	0	0
Legal Svcs Corp of Iowa	99	0	0	0	0	0	0	99	0	0	0
Mercy Foundation	1,008	0	0	0	0	0	0	1,008	0	0	0
Kansas, total	382	0	0	209	0	0	70	103	0	0	0
Cmty Hlth & Education Svc	70	0	0	0	0	0	70	0	0	0	0
KS Legal Svcs, Inc	103	0	0	0	0	0	0	103	0	0	0
Menninger Foundation	209	0	0	209	0	0	0	0	0	0	0
Minnesota, total	23,942	224	650	19,006	0	0	276	3,384	402	0	0
Allina Health System	15	0	0	0	0	0	0	15	0	0	0
Citizens Better Environmt	91	0	0	0	0	0	91	0	0	0	0
Energy Efcnt Bldg Assoc	185	0	0	0	0	0	185	0	0	0	0
Living at Home	48	0	0	0	0	0	0	48	0	0	0
Mayo Foundation	1,053	224	0	0	0	0	0	427	402	0	0
Minneapolis Am Indian Ctr	650	0	650	0	0	0	0	0	0	0	0
Minneapolis Med Rsch Fdn	2,894	0	0	0	0	0	0	2,894	0	0	0
Natl Marrow Donor Program	19,006	0	0	19,006	0	0	0	0	0	0	0
Missouri, total	15,041	3,066	184	1,900	0	1,270	517	6,527	0	1,382	195
Bapt Med Ctr (KS Cty MO)	286	0	0	0	0	0	0	286	0	0	0
Childrens Mercy Hosp	715	0	0	0	0	0	0	715	0	0	0
Committee for Auto Repair	230	0	0	0	0	0	230	0	0	0	0
Empwrmt Zns Entprs Cmtys	80	0	0	0	0	0	0	80	0	0	0
MS River Basic Alliance	249	0	0	0	0	0	249	0	0	0	0
Metropolitan Energy Ctr	16	0	0	0	0	16	0	0	0	0	0
Mid-America Assist Cltn	184	0	184	0	0	0	0	0	0	0	0
Mid-America Rgn Cncl	10	0	0	0	0	0	10	0	0	0	0
Midwest Research Inst	7,356	0	0	1,900	0	329	28	4,904	0	0	195
Missouri Botanical Garden	4,448	3,066	0	0	0	0	0	0	0	1,382	0
Resource Development Inst	398	0	0	0	0	0	0	398	0	0	0
St Johns Mercy Med Ctr	144	0	0	0	0	0	0	144	0	0	0
Urban Energy & Trans Ctr	925	0	0	0	0	925	0	0	0	0	0
Nebraska, total	483	0	0	0	0	0	283	200	0	0	0
Fr Flanagan's Boys Home	200	0	0	0	0	0	0	200	0	0	0
Groundwater Fdn, The	155	0	0	0	0	0	155	0	0	0	0
National Arbor Day Fdn	128	0	0	0	0	0	128	0	0	0	0
North Dakota, total	10	0	0	0	0	0	10	0	0	0	0
Intl Assoc Impact Asmnt	10	0	0	0	0	0	10	0	0	0	0
South Dakota, total	1,500	0	0	0	0	0	0	0	1,500	0	0
Siouxland Heritage Mus	1,500	0	0	0	0	0	0	0	1,500	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, total	585,578	3,302	13,528	162,908	5,017	25,339	102,248	113,814	101,722	39,971	17,729
Delaware, total	956	0	0	0	0	0	175	696	85	0	0
A I DuPont Inst Nemours	85	0	0	0	0	0	0	0	85	0	0
DE Ctr for Inland Boys	175	0	0	0	0	0	175	0	0	0	0
Medical Center Delaware	635	0	0	0	0	0	0	635	0	0	0
Visiting Nurse Assn of DE	61	0	0	0	0	0	0	61	0	0	0
District of Columbia, total	206,863	588	862	34,256	1,967	12,570	75,942	25,148	26,398	14,268	14,864
Acad Ed Development Inc	418	0	0	0	0	0	418	0	0	0	0
Act Trans Demand Mgmt	6,366	0	0	0	0	0	6,366	0	0	0	0
All End Child Lead Poison	719	0	0	0	0	0	719	0	0	0	0
Alliance to Save Energy	925	0	0	0	0	755	170	0	0	0	0
Am Assc Advancment Sci	950	0	0	0	0	6	680	0	237	27	0
Am Assc Cmty & Jr Col	100	0	0	0	0	0	0	0	0	0	100
Am Assc Retired Persons	16,275	0	0	0	0	0	16,125	150	0	0	0
Am Assoc St Hwy&Trns Offc	380	0	0	0	0	0	0	0	0	0	380
Am Astronomical Society	189	0	0	0	0	0	0	0	105	84	0
Am Cncl Enrgy-Effcnt Econ	500	0	0	0	0	41	459	0	0	0	0
Am National Red Cross	638	0	0	638	0	0	0	0	0	0	0
Am Psychological Assc	9	0	0	0	0	0	0	0	0	9	0
Am Psychological Society	28	0	0	0	0	0	0	0	0	28	0
Am Public Welfare Assc	200	0	0	0	0	0	0	200	0	0	0
Am Registry Pathology	9,325	0	0	9,325	0	0	0	0	0	0	0
Am Soc Engineering Ed	5,121	0	0	4,547	0	302	0	0	50	222	0
Am Soc Microbiology	293	0	0	0	0	278	0	0	0	15	0
Am Sociological Assc	152	0	0	0	0	0	0	0	0	152	0
Am Statistical Assc	75	55	0	0	0	0	0	0	0	20	0
Amer Political Sci Assoc	30	0	0	0	0	0	0	0	0	30	0
American Bar Association	168	0	0	0	0	18	0	150	0	0	0
American Chemical Society	817	1	0	0	0	256	349	0	0	211	0
American Farmland Trust	500	0	0	0	0	0	500	0	0	0	0
American Forestry Assoc	100	0	0	0	0	100	0	0	0	0	0
American Geophysicl Union	1,497	0	0	0	0	0	0	0	592	905	0
American Inst Architects	42	0	0	9	0	0	33	0	0	0	0
American Iron Steel Inst	3,200	0	0	75	0	3,125	0	0	0	0	0
American Lung Assoc	846	0	0	0	0	0	846	0	0	0	0
Appropriate Tech Intl	101	0	0	0	0	27	74	0	0	0	0
Aspen Institute	480	0	0	0	0	0	50	0	0	0	430
Assc American Railroads	1,212	0	0	0	0	0	0	0	0	0	1,212
Assn of Amer Med Colleges	265	0	0	0	0	0	0	265	0	0	0
Assoc Cnty Cty Hlth Offcl	160	0	0	0	0	0	160	0	0	0	0
Assoc Hlth Services Rsch	233	0	0	0	0	0	0	233	0	0	0
Assoc Metro Sewerage Ags	150	0	0	0	0	0	150	0	0	0	0
Assoc State & Terr Hlth	210	0	0	0	0	0	210	0	0	0	0
Assoc State Enrgy Offcls	132	0	0	0	0	0	132	0	0	0	0
Assoc Svc & Cnsrvtn Corps	163	0	0	0	0	0	163	0	0	0	0
Assoc Unmand Vehicle Sys	20	0	0	20	0	0	0	0	0	0	0
Assoc Water Pltn Control	75	0	0	0	0	0	75	0	0	0	0
BSR Education Fund	368	0	0	0	0	0	368	0	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Bazelon Ctr Mntl Hlth Law	150	0	0	0	0	0	0	150	0	0	0
Bicycle Federation of Am	165	0	0	0	0	0	165	0	0	0	0
Brookings Institution	651	0	0	0	0	0	223	121	0	307	0
Carnegie Inst Washington	9,404	407	0	128	0	1,024	0	2,295	1,415	4,135	0
Center Marine Converv	200	0	0	0	0	0	200	0	0	0	0
Center for Housing Policy	125	0	0	0	0	0	0	0	0	0	125
Child Hosp Natl Med Ctr	3,512	0	0	20	0	0	0	3,492	0	0	0
Child Trends, Inc	138	0	0	0	0	0	0	138	0	0	0
Childrens Research Inst	493	0	0	0	0	0	0	493	0	0	0
Civil Eng Research Fdn	291	0	117	0	0	0	75	0	0	94	5
Climate Institute	769	0	0	0	0	0	769	0	0	0	0
Cmty Trans Assc of Am	400	0	0	0	0	0	0	400	0	0	0
Community Connections	375	0	0	0	0	0	0	375	0	0	0
Concern, Inc	140	0	0	0	0	0	140	0	0	0	0
Coneg Policy Rsch Ctr	502	0	0	0	0	502	0	0	0	0	0
Conference Board Math Sci	59	0	0	0	0	0	0	0	0	59	0
Consumer Research Council	1,084	0	0	0	0	0	1,084	0	0	0	0
Ctr Strategic Intl Study	1,231	0	0	1,231	0	0	0	0	0	0	0
Ctr for Clean Air Policy	420	0	0	0	0	70	350	0	0	0	0
Ctr for Intl Env Law	30	0	0	0	0	0	30	0	0	0	0
Economic Policy Institute	25	0	0	0	0	0	0	0	0	0	25
Eisenhower Foundation	500	0	0	0	0	0	0	0	0	0	500
Environmental Law Inst	1,683	0	0	0	0	0	1,683	0	0	0	0
Environmental Solutions	276	0	0	0	0	276	0	0	0	0	0
Environmentors Project	350	0	0	0	0	0	350	0	0	0	0
Fdn for Ed Innovation	650	0	650	0	0	0	0	0	0	0	0
Friends of the Earth	30	0	0	0	0	0	30	0	0	0	0
German-Am Acad Cncl Fdn	32	0	0	0	0	0	0	0	0	32	0
Grtr Washington Rsch Ctr	50	0	0	0	0	0	0	0	0	0	50
HJ Heinz Ctr Sci Econ Env	387	0	0	288	0	0	99	0	0	0	0
Home Builders Institute	543	0	0	0	0	0	47	0	0	0	496
Home Enrgy Rtngs Sys Cncl	82	0	0	0	0	0	82	0	0	0	0
Inst Independent Ed	85	0	0	0	0	0	0	0	0	85	0
Inst Local Self Reliance	75	0	0	0	0	0	75	0	0	0	0
Internatl Life Sci Inst	772	0	0	0	0	0	772	0	0	0	0
Intl City Mgt Assc	3,200	0	0	0	0	0	3,200	0	0	0	0
Intl Inst Energy Csrvtn	532	0	0	0	0	0	532	0	0	0	0
League Amer Wheelmen, Inc	75	0	0	0	0	0	75	0	0	0	0
League of Women Voters	150	0	0	0	0	0	150	0	0	0	0
Links, Inc	4	0	0	0	0	0	0	4	0	0	0
Math Assc of America	229	0	0	0	229	0	0	0	0	0	0
Medlantic Health Care Grp	3,721	0	0	0	675	0	0	3,046	0	0	0
Mortgage Bankers Assc	127	0	0	0	0	0	0	0	0	0	127
NE-Midwest Inst	751	0	0	0	0	216	500	0	0	0	35
National Governors Assc	743	0	0	0	0	0	738	5	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
National Planning Assc	46	0	0	0	0	0	0	0	0	46	0
Natl Acad Public Admin	135	0	0	0	0	49	0	0	86	0	0
Natl Acad of Practice	20	0	0	0	0	0	0	20	0	0	0
Natl Academy of Sciences	66,842	125	80	16,354	0	4,535	6,339	4,973	19,355	7,690	7,391
Natl Alliance St Sci Math	515	0	0	0	0	0	0	0	515	0	0
Natl Allnc End Hmlessness	150	0	0	0	0	0	0	0	0	0	150
Natl Assc Agencies Aging	750	0	0	0	0	0	0	750	0	0	0
Natl Assc Conservation	70	0	0	0	0	0	70	0	0	0	0
Natl Assc Equal Oppor Ed	2	0	0	0	0	0	0	0	0	2	0
Natl Assc Minor Contract	250	0	0	0	0	0	250	0	0	0	0
Natl Assc of Counties	1,355	0	0	0	0	100	1,255	0	0	0	0
Natl Assoc Local Govt Env	180	0	0	0	0	0	180	0	0	0	0
Natl Assoc Reg Util Comms	50	0	0	0	0	0	50	0	0	0	0
Natl Assoc Twns & Twnshps	40	0	0	0	0	0	40	0	0	0	0
Natl Biomedical Rsch Fdn	1,134	0	0	0	0	0	0	1,134	0	0	0
Natl Caucus Ctr Black Age	8,731	0	0	0	0	0	8,731	0	0	0	0
Natl Cltn Adv Mnfctrng	15	0	15	0	0	0	0	0	0	0	0
Natl Cncl Negro Wmn (DC)	181	0	0	0	0	0	170	0	0	0	11
Natl Cncl Teachers Math	299	0	0	0	0	0	0	0	299	0	0
Natl Council on Aging	4,190	0	0	0	125	0	3,995	70	0	0	0
Natl Ctr Adv Technologies	400	0	0	400	0	0	0	0	0	0	0
Natl Ctzn Cltn Nrsg Hm Rf	200	0	0	0	0	0	0	200	0	0	0
Natl Env Ed & Trng Fdn	143	0	0	0	0	0	143	0	0	0	0
Natl Inst of Bldg Science	142	0	0	90	0	0	0	0	0	0	52
Natl Sci Teachers Assc	1,634	0	0	0	0	0	569	0	1,065	0	0
Natl Space Society	15	0	0	0	0	0	0	0	15	0	0
Natl Sr Citizen Law Ctr	175	0	0	0	0	0	0	175	0	0	0
Natl Sr Ctzns Ed & Rsch	9,256	0	0	0	0	0	9,256	0	0	0	0
Natl Youth Employmnt Cltn	65	0	0	0	0	0	0	0	0	0	65
Natural Res Def Cncl	788	0	0	0	0	120	668	0	0	0	0
Oceanic Society	13	0	0	13	0	0	0	0	0	0	0
Optical Soc of America	75	0	0	65	0	0	0	0	0	10	0
Org Concerned Rural Ed	6	0	0	0	0	0	0	0	0	6	0
Partners for Livable Cmty	25	0	0	0	0	0	0	0	0	0	25
Pension Rights Center	20	0	0	0	0	0	0	20	0	0	0
Potomac Inst Policy Stud	1,053	0	0	1,053	0	0	0	0	0	0	0
Qualty Ed for Minor Netwk	2,072	0	0	0	0	0	0	0	2,072	0	0
Rad Tech Comm Aerontcs	50	0	0	0	0	0	0	0	50	0	0
Renew America	215	0	0	0	0	75	140	0	0	0	0
Resources for the Future	2,003	0	0	0	0	311	1,527	0	120	45	0
Rndtbl State Pltn Prvntn	1	0	0	0	0	0	1	0	0	0	0
Rnwbl Enrgy & Efncy Trng	140	0	0	0	0	0	140	0	0	0	0
Soc Developmental Bio	20	0	0	0	0	0	0	0	0	20	0
Soc for Adv Wmn Hlth Rsch	45	0	0	0	0	0	0	45	0	0	0
Soc of Gen Internal Med	88	0	0	0	0	0	0	88	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
District of Columbia, continued:											
Solar Enrgy Rsch & Ed Fdn	559	0	0	0	0	384	175	0	0	0	0
St Terr Air Pltn Prgm Adm	949	0	0	0	0	0	949	0	0	0	0
Surface Trans Plcy Prjct	175	0	0	0	0	0	175	0	0	0	0
Unison Institute	395	0	0	0	0	0	395	0	0	0	0
United Cerebral Palsy	739	0	0	0	739	0	0	0	0	0	0
Universities Rsch Assc	275	0	0	0	0	0	0	0	260	15	0
Urban Family Institute	73	0	0	0	0	0	0	0	0	0	73
Urban Institute	9,182	0	0	0	199	0	0	6,156	0	0	2,827
Urban Land Institute	45	0	0	0	0	0	45	0	0	0	0
W Wilson Intl Ctr Scholar	19	0	0	0	0	0	0	0	0	19	0
WA Ctr Internshps & Acad	152	0	0	0	0	0	152	0	0	0	0
Wider Opportunities Women ...	200	0	0	0	0	0	0	0	0	0	200
Women Work! Natl Ntwk	585	0	0	0	0	0	0	0	0	0	585
World Resources Institute	1,111	0	0	0	0	0	1,111	0	0	0	0
Young Astronaut Council	162	0	0	0	0	0	0	0	162	0	0
Florida, total	32,688	15	57	25,010	0	0	792	3,064	781	2,844	125
Archbold Biological Stn	150	0	0	0	0	0	0	0	0	150	0
Boley Ctrs Behavrl Hlth	302	0	0	0	0	0	0	302	0	0	0
Florida Children's Forum	100	0	0	0	0	0	0	100	0	0	0
Florida Research Inst	40	0	0	0	0	0	0	40	0	0	0
Global Foundation, Inc	2	0	0	0	0	0	0	0	0	2	0
Gulf Coast Cmty Care	60	0	0	0	0	0	0	60	0	0	0
Harbor Branch Ocean Inst	3,881	0	29	1,225	0	0	0	0	0	2,627	0
Human Svcs Associates	125	0	0	0	0	0	0	0	0	0	125
Mote Marine Laboratory	493	0	28	0	0	0	400	0	0	65	0
Mt Sinai Hosp Med Ctr FL	1,884	0	0	0	0	0	0	1,884	0	0	0
Operation Par, Inc	365	0	0	0	0	0	0	365	0	0	0
SE Ctr Electric Energy	23,768	0	0	23,768	0	0	0	0	0	0	0
SEATC Fdn Env Ed	198	0	0	0	0	0	198	0	0	0	0
Space Coast Ctr Ind Lvng	781	0	0	0	0	0	0	0	781	0	0
Tall Timbers Rsch, Inc	15	15	0	0	0	0	0	0	0	0	0
Village South, Inc	313	0	0	0	0	0	0	313	0	0	0
Watershed Management Inst ..	194	0	0	0	0	0	194	0	0	0	0
Wild Dolphin Project	17	0	0	17	0	0	0	0	0	0	0
Georgia, total	5,886	445	612	798	498	1,551	490	442	0	45	1,005
Atlanta Legal Aid Society	96	0	0	0	0	0	0	96	0	0	0
Boys&Girls Club Am	700	0	0	0	0	0	0	0	0	0	700
GA Trust Historic Prsvtn	25	0	0	0	0	0	0	0	0	0	25
Georgia Environmental Org	32	0	0	0	0	0	32	0	0	0	0
JW Jones Ecological Rsch	860	445	0	0	0	0	370	0	0	45	0
Natl Cnfc Black Mayor	50	0	0	0	0	0	50	0	0	0	0
Natl Sci Center Fdn	280	0	0	0	0	0	0	0	0	0	280
Shepard Spinal Center	498	0	0	0	498	0	0	0	0	0	0
Skidaway Inst Oceanog	496	0	60	198	0	200	38	0	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Georgia, continued:											
Southeastern Library Ntwk	552	0	552	0	0	0	0	0	0	0	0
Southern State Energy	1,351	0	0	0	0	1,351	0	0	0	0	0
St Josephs Hosp (Atln GA)	346	0	0	0	0	0	0	346	0	0	0
University Hosp (Agst GA)	600	0	0	600	0	0	0	0	0	0	0
Maryland, total	163,676	115	4,283	45,667	724	2,493	2,157	35,714	68,650	3,306	567
Am Assc Immunologists	69	0	0	0	0	0	0	69	0	0	0
Am Fisheries Society	135	0	20	0	0	0	105	0	0	0	10
Am Physical Society	14	0	0	0	0	0	0	0	0	14	0
Am Physiological Society	45	0	0	0	0	0	0	0	0	45	0
Am Soc Biochem&Molec Bio	20	0	0	0	0	0	0	0	0	20	0
Am Soc Cell Biology	49	0	0	49	0	0	0	0	0	0	0
Am Speech Lang&Hearng	125	0	0	0	125	0	0	0	0	0	0
Am Type Culture Col	2,499	0	0	0	0	0	37	1,729	0	733	0
American Inst Physics	122	0	0	0	0	0	0	0	0	122	0
Assc U Rsch in Astronomy	65,000	0	0	70	0	0	0	0	64,930	0	0
Baltimore Urban League	249	0	0	0	0	249	0	0	0	0	0
Biomedical Research Inst	52	0	0	52	0	0	0	0	0	0	0
Biores Dvlpmnt&Consrv Pgm	222	0	0	222	0	0	0	0	0	0	0
Carnegie Inst Baltimore	631	0	0	0	0	0	0	0	0	631	0
Chesapeake Appreciation	207	0	0	0	0	0	207	0	0	0	0
Chesapeake Rsch Cnsrtm	200	0	0	0	0	0	0	0	0	200	0
Ctr Hlth Policy Studies	247	0	0	0	0	0	0	247	0	0	0
Ecological Soc of America	140	0	0	0	0	0	75	0	50	0	15
Ecosystem Recovery Inst	20	0	0	0	0	0	20	0	0	0	0
Einstn Inst Sci Hlth Crts	280	0	0	0	0	280	0	0	0	0	0
Fed Am Soc Exper Biol	57	0	0	0	0	14	0	0	0	43	0
Friends Med Sci Rsch Ctr	7,211	0	0	0	0	0	0	7,211	0	0	0
Growth Management Inst	290	0	0	0	0	0	290	0	0	0	0
H M Jackson Foundation	55,202	0	0	45,224	0	1,087	0	8,194	576	121	0
Inst Cnsvtn Leadership	200	0	0	0	0	0	200	0	0	0	0
Inst Global Environment	2,926	0	1,349	0	0	0	0	0	540	1,037	0
Inst for Genomic Research	325	0	0	0	0	325	0	0	0	0	0
Intr-Indstry Ec Rsch Fund	50	0	0	0	0	0	0	50	0	0	0
Izaak Walton League Am	20	0	0	0	0	0	20	0	0	0	0
J Hopkins Bayview Med Ctr	10,793	0	0	0	0	0	0	10,793	0	0	0
Johns Hopkins Hospital	115	115	0	0	0	0	0	0	0	0	0
Kennedy Rsch Inst Inc	533	0	0	0	0	0	0	533	0	0	0
Koop Foundation, The	2,914	0	2,914	0	0	0	0	0	0	0	0
Land Ethics Workshop, The	18	0	0	0	0	0	18	0	0	0	0
Life Science Rsch Fdn	324	0	0	0	0	324	0	0	0	0	0
Maryland Public TV	25	0	0	0	0	25	0	0	0	0	0
Melwood Hort Training Ctr	1,452	0	0	0	0	0	0	0	1,452	0	0
Natl Assc Home Builders	798	0	0	0	0	0	256	0	0	0	542
Natl Assoc Phys Env	180	0	0	0	0	0	180	0	0	0	0
Natl Public Svc Rsch Inst	204	0	0	0	0	0	0	204	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Maryland, continued:											
Natl Radiatn Protect Meas	169	0	0	50	0	0	89	0	30	0	0
Nonprofit Initiative, Inc	80	0	0	0	0	0	0	0	80	0	0
Pacific Inst Rsch&Eval MD	5,699	0	0	0	0	0	0	5,699	0	0	0
People to People Hlth Fdn	402	0	0	0	0	0	0	402	0	0	0
Raising Hisp Acad Achvmnt	97	0	0	0	0	0	0	0	97	0	0
Sci Comm Oceanic Rsch	340	0	0	0	0	0	0	0	0	340	0
Sinai Hospital Baltimore	301	0	0	0	0	0	0	301	0	0	0
Soc of American Forests	115	0	0	0	0	0	115	0	0	0	0
Solid Waste Assoc of N Am	520	0	0	0	0	0	520	0	0	0	0
Tiger Sci Education Fdn	89	0	0	0	0	89	0	0	0	0	0
Transcen, Inc	599	0	0	0	599	0	0	0	0	0	0
Triangle Coaltn Sci&Tech	210	0	0	0	0	100	0	0	110	0	0
U Assoc Rsch & Ed Pathol	282	0	0	0	0	0	0	282	0	0	0
University Rsch Fdn	785	0	0	0	0	0	0	0	785	0	0
Wildlife Habitat Council	25	0	0	0	0	0	25	0	0	0	0
North Carolina, total	72,218	0	160	7,716	78	1,763	7,870	47,265	5,031	1,666	669
Carolinas Medical Ctr	135	0	0	0	0	0	0	0	135	0	0
Family Health Intl	13,097	0	0	0	0	0	0	13,097	0	0	0
MCNC(Microelectrn Ctr NC)	8,712	0	0	4,059	0	0	2,700	0	287	1,666	0
Natl Inst Statistical Sci	95	0	0	0	0	0	95	0	0	0	0
Research Triangle Inst	50,179	0	160	3,657	78	1,763	5,075	34,168	4,609	0	669
South Carolina, total	7,096	50	5,372	0	0	1,416	0	250	0	0	8
ETV Endowment of SC	50	50	0	0	0	0	0	0	0	0	0
Harmony Project, The	6	0	0	0	0	6	0	0	0	0	0
Intst Shellfish Sanitatio	250	0	0	0	0	0	0	250	0	0	0
SC Native Plant Society	8	0	0	0	0	0	0	0	0	0	8
SC Research Authority	6,782	0	5,372	0	0	1,410	0	0	0	0	0
Virginia, total	81,120	849	1,707	46,461	250	3,847	12,175	1,235	593	13,512	491
Agate Alliance Assn, Inc	229	0	0	0	0	0	0	0	229	0	0
Air Conditioning & Refrig	314	0	0	0	0	314	0	0	0	0	0
Am Geological Institute	1,494	0	0	0	0	1,494	0	0	0	0	0
Am Inst Biological Sci	461	0	0	461	0	0	0	0	0	0	0
Analytic Services, Inc	35,871	0	0	35,871	0	0	0	0	0	0	0
Assoc Analytical Chemists	107	0	0	0	0	0	0	107	0	0	0
Assoc Farmworker Opprtnty	206	0	0	0	0	0	206	0	0	0	0
CSO Partnership, The	166	0	0	0	0	0	166	0	0	0	0
Corp Natl Rsch Initiative	3,301	0	0	3,301	0	0	0	0	0	0	0
Council Am Bldg Officials	34	0	0	0	0	0	34	0	0	0	0
Eiger Institute, Inc	180	0	0	0	0	0	180	0	0	0	0
Elizabeth River Project	82	0	0	0	0	0	82	0	0	0	0
Env Allnc Senior Invlvmnt	75	0	0	0	0	0	75	0	0	0	0
Global Env & Trade Study	134	0	0	0	0	0	45	0	89	0	0
Global Env Tech Fdn	5	0	0	0	0	5	0	0	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
South Atlantic, continued:											
Virginia, continued:											
Human Resources Rsch Org	6,773	0	0	6,773	0	0	0	0	0	0	0
Inc Rsch Insts Seismology	12,330	0	0	0	0	0	0	0	0	12,330	0
Inst Regulatory Science	1,415	0	0	0	0	1,415	0	0	0	0	0
Inst Social Analysis Assc	468	0	0	0	0	0	0	468	0	0	0
Interface Fdn of North Am	14	0	0	0	0	0	0	0	0	14	0
Intl Technology Ed Assoc	200	0	0	0	0	0	0	0	200	0	0
Linguistic Soc America	10	0	0	0	0	0	0	0	0	10	0
Marine Science Cnsrtm	1,059	0	1,059	0	0	0	0	0	0	0	0
Mathcounts Foundation	22	0	0	0	0	0	0	0	22	0	0
Mitretek Systems, Inc	660	0	0	0	0	0	0	660	0	0	0
National FFA Organization	95	25	0	0	0	0	70	0	0	0	0
Natl Assn Partners in Ed	53	0	0	0	0	0	0	0	53	0	0
Natl Auto Tech Ed Fdn Inc	387	0	0	0	0	387	0	0	0	0	0
Natl Chld Theater for Env	6,478	0	0	0	0	0	6,478	0	0	0	0
Natl Cncl Independ Living	250	0	0	0	250	0	0	0	0	0	0
Natl Conf State Bldg Code	407	0	367	0	0	0	40	0	0	0	0
Natl Ctr Res Innovations	798	798	0	0	0	0	0	0	0	0	0
Natl Recycling Cltn	182	0	0	0	0	0	182	0	0	0	0
Nature Conservancy	822	26	0	55	0	0	250	0	0	0	491
Rural Cmty Assistant Prgm	596	0	0	0	0	0	596	0	0	0	0
Senior Env Corps Inst	110	0	0	0	0	0	110	0	0	0	0
Southeastern U Rsch Assc	127	0	0	0	0	0	0	0	0	127	0
Terrene Institute	227	0	0	0	0	0	227	0	0	0	0
US Cvln R&D Fdn Indep Sts	1,031	0	0	0	0	0	0	0	0	1,031	0
US Export Cncl Renew Engy	232	0	0	0	0	232	0	0	0	0	0
USA Freed	204	0	0	0	0	0	204	0	0	0	0
United Way	281	0	281	0	0	0	0	0	0	0	0
Water Env Federation	182	0	0	0	0	0	182	0	0	0	0
Water Env Rsch Fdn	3,048	0	0	0	0	0	3,048	0	0	0	0
West Virginia, total	15,075	1,240	475	3,000	1,500	1,699	2,647	0	184	4,330	0
Appalachia Ed Lab	1,500	0	0	0	1,500	0	0	0	0	0	0
Freshwater Institute	18	18	0	0	0	0	0	0	0	0	0
Natl Inst Chem Studies	129	0	0	0	0	0	129	0	0	0	0
Natl Tech Tranfer Center	34	0	0	0	0	0	0	0	34	0	0
Spring & Groundwater Inst	1,222	1,222	0	0	0	0	0	0	0	0	0
WV High Tech Cnsrtm	3,891	0	475	3,000	0	266	0	0	150	0	0
WV Research Corp	8,281	0	0	0	0	1,433	2,518	0	0	4,330	0
East South Central, total	51,326	935	130	4,870	0	250	1,458	41,843	1,430	314	96
Alabama, total	19,845	0	0	4,023	0	250	588	14,535	235	214	0
Birmingham Env Clrnghouse	100	0	0	0	0	0	100	0	0	0	0
Hlth Enhancement Rsch Org	99	0	0	0	0	0	0	0	99	0	0
Marine Environ Sci Cnsrtm	214	0	0	0	0	0	0	0	0	214	0
Southern Research Inst	19,432	0	0	4,023	0	250	488	14,535	136	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
East South Central, continued:											
Kentucky, total	1,716	0	130	0	0	0	720	866	0	0	0
Cncl of State Governments	158	0	0	0	0	0	158	0	0	0	0
Conf Radiatn Cntrl Drctrs	1,076	0	0	0	0	0	305	771	0	0	0
KY River Foothills Dev	34	0	0	0	0	0	0	34	0	0	0
KY Rural Telecom Ctr, Inc	130	0	130	0	0	0	0	0	0	0	0
Louis Jeffrsn Cnties Cmty	61	0	0	0	0	0	0	61	0	0	0
Students Enrgy Effcnt Env	197	0	0	0	0	0	197	0	0	0	0
Wood Hdsn Cncr Rsch Lab	60	0	0	0	0	0	60	0	0	0	0
Mississippi, total	4,338	935	0	847	0	0	150	1,211	1,195	0	0
Dvlpt Res Education in Am	1,091	0	0	0	0	0	0	1,091	0	0	0
Gulf Coast Rsch Lab	980	830	0	0	0	0	150	0	0	0	0
Inst for Technology Dev	1,300	105	0	0	0	0	0	0	1,195	0	0
Mississippi Resource Dev	847	0	0	847	0	0	0	0	0	0	0
S MS Legal Svcs Corp	120	0	0	0	0	0	0	120	0	0	0
Tennessee, total	25,427	0	0	0	0	0	0	25,231	0	100	96
American Economic Assc	100	0	0	0	0	0	0	0	0	100	0
Ctrl US Earthquake Cnstrm	96	0	0	0	0	0	0	0	0	0	96
Senior Neighbors Chattnga	34	0	0	0	0	0	0	34	0	0	0
St Jude Child Rsch Hosp	25,197	0	0	0	0	0	0	25,197	0	0	0
West South Central, total	147,238	898	670	12,567	4,712	1,040	3,340	13,481	100,687	8,237	1,606
Arkansas, total	1,031	0	0	0	0	0	184	847	0	0	0
Arkansas Children's Hosp	354	0	0	0	0	0	0	354	0	0	0
Child Development, Inc	493	0	0	0	0	0	0	493	0	0	0
Energy Rated Homes Amer	134	0	0	0	0	0	134	0	0	0	0
Winrock International	50	0	0	0	0	0	50	0	0	0	0
Louisiana, total	2,114	40	515	0	0	0	100	1,428	0	0	31
Alton Ochsner Med Fdn	575	0	0	0	0	0	0	575	0	0	0
Child Hosp (Nw Orlns LA)	695	0	0	0	0	0	0	695	0	0	0
Cncl Alch Drg Abuse NW LA	31	0	0	0	0	0	0	0	0	0	31
LA Env Justice Project	100	0	0	0	0	0	100	0	0	0	0
Southwest LA Hosp Assn	515	0	515	0	0	0	0	0	0	0	0
Sugar Process Rsch Inst	40	40	0	0	0	0	0	0	0	0	0
Touro Research Institute	158	0	0	0	0	0	0	158	0	0	0
Oklahoma, total	10,679	0	0	0	0	0	229	10,105	120	225	0
Aerospace States Assn	120	0	0	0	0	0	0	0	120	0	0
Groundwater Prtctn Cncl	94	0	0	0	0	0	94	0	0	0	0
ITT Research Inst	2,242	0	0	0	0	0	0	2,242	0	0	0
Oklahoma Med Rsch Fdn	8,073	0	0	0	0	0	0	7,863	0	210	0
Soc Applied Anthropology	135	0	0	0	0	0	135	0	0	0	0
Soc Sedimentry Geologists	15	0	0	0	0	0	0	0	0	15	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
West South Central, continued:											
Texas, total	133,414	858	155	12,567	4,712	1,040	2,827	1,101	100,567	8,012	1,575
ARC, The	224	0	0	0	124	100	0	0	0	0	0
Bat Conservation Intl	10	0	0	0	0	0	10	0	0	0	0
CTRC Research Fdn	300	0	0	300	0	0	0	0	0	0	0
Gulf of Mexico Foundation	158	0	0	0	0	0	158	0	0	0	0
Habitat SW Humanity Intl	193	0	0	0	0	0	193	0	0	0	0
Hispanic Assc Col & U	1,844	828	0	0	0	0	0	16	1,000	0	0
Houston Advanced Rsch	243	0	0	145	0	0	0	0	98	0	0
Houston Area Research Ctr	3,199	0	0	3,199	0	0	0	0	0	0	0
Inst Rehab & Rsch	2,547	0	0	0	2,547	0	0	0	0	0	0
Lunar & Planetary Inst	40	0	0	0	0	0	0	0	0	40	0
Mntl Hlth Assn Tarrant	53	0	0	0	0	0	0	53	0	0	0
Mntl Hlth Assn of Houston	148	0	0	0	0	0	0	148	0	0	0
Natl Assc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0
Natl Fdn for IPM Ed	600	0	0	0	0	0	600	0	0	0	0
Natl Urbn Air Txcs Rsch	1,611	0	0	0	0	0	1,611	0	0	0	0
Retina Fdn of the SW	130	0	0	0	0	0	0	130	0	0	0
Scott and White Mem Hosp	405	0	0	0	0	0	0	405	0	0	0
Soc Complex Carbohydrates	4	0	0	0	0	0	0	0	0	4	0
Soc Petroleum Engineers	40	0	0	0	0	0	40	0	0	0	0
Southwest Ed Dev Lab	2,041	0	0	0	2,041	0	0	0	0	0	0
Southwest Fdn Biomed Rsch	5	0	0	0	0	5	0	0	0	0	0
Southwest Research Inst	36,173	30	0	7,656	0	201	0	0	26,582	129	1,575
Stehlin Fnd for Cancr Res	105	0	0	0	0	0	0	105	0	0	0
Texas Citizen Fund	215	0	0	0	0	0	215	0	0	0	0
Texas Eng Expmt Station	8,107	0	0	0	0	734	0	0	0	7,373	0
Texas Heart Institute	244	0	0	0	0	0	0	244	0	0	0
Texas Medical Center	1,492	0	0	0	0	0	0	0	1,492	0	0
Universities Space Rsch	73,108	0	0	1,247	0	0	0	0	71,395	466	0
Valley Zoological Society	155	0	155	0	0	0	0	0	0	0	0
Mountain, total	88,132	1,441	9,795	2,453	1,873	16,207	7,490	38,133	6,603	2,326	1,811
Arizona, total	5,071	27	0	740	0	0	80	2,593	860	271	500
Carondelet Hlth Svc Inc	81	0	0	0	0	0	0	81	0	0	0
Desert Botanical Garden	27	27	0	0	0	0	0	0	0	0	0
Env Asmnt Ed Fdn	40	0	0	0	0	0	40	0	0	0	0
Good Samaritan Med Ctr	194	0	0	0	0	0	0	194	0	0	0
Lowell Observatory	1,871	0	0	740	0	0	0	0	860	271	0
Our Town Family Center	500	0	0	0	0	0	0	0	0	0	500
Southwestern Env Ed Exchg	40	0	0	0	0	0	40	0	0	0	0
St Josephs Hosp & Med Ctr	1,158	0	0	0	0	0	0	1,158	0	0	0
Sun Health Rsch Inst	1,160	0	0	0	0	0	0	1,160	0	0	0
Colorado, total	58,737	26	9,795	919	1,873	2,161	6,180	31,316	5,361	756	350
AMC Cancer Rsch Ctr	4,815	0	0	191	0	0	0	4,624	0	0	0
Am Indian Sci & Eng Soc	350	0	0	0	0	0	350	0	0	0	0
Am Solar Energy Society	60	0	0	0	0	60	0	0	0	0	0
Am Wtr Wrks Assn Rsch Fdn	3,188	0	0	0	0	0	3,068	0	0	0	120
Ambulatory Sntl Prt Ntwk	477	0	0	0	0	0	0	477	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Mountain, continued:											
Colorado, continued:											
Arapahoe House, Inc	335	0	0	0	0	0	0	335	0	0	0
Aspen Center for Physics	285	0	0	0	0	6	0	0	16	263	0
Atmosphere Sys & Analysis	75	0	0	0	0	0	0	0	75	0	0
Biol Sci Curriculm Study	390	0	0	0	0	241	0	0	149	0	0
Boulder Ctr Sci & Policy	112	0	0	0	0	0	0	0	112	0	0
Child Hosp (Denver CO)	153	0	0	0	0	0	0	153	0	0	0
Colorado Bird Observatory	15	0	0	0	0	0	15	0	0	0	0
Craig Hospital	652	0	0	0	373	0	0	279	0	0	0
Crow Valley Livestock	26	26	0	0	0	0	0	0	0	0	0
Ctr Hlth Policy Rsch	1,420	0	0	0	0	0	0	1,420	0	0	0
Denver Art Museum	15	0	0	0	0	0	0	0	0	15	0
E Roosevelt Inst Cancer	2,638	0	0	0	0	20	0	2,618	0	0	0
Ed Commission/States	100	0	0	0	0	0	0	0	0	100	0
Geological Soc of America	256	0	0	0	0	0	0	0	0	231	25
Keystone Center	100	0	0	100	0	0	0	0	0	0	0
Kystn Symp Molec Cell Bio	28	0	0	0	0	0	0	0	0	28	0
Mi Casa Res Ctr for Women	205	0	0	0	0	0	0	0	0	0	205
Mid Continent Reg Ed Lab	1,500	0	0	0	1,500	0	0	0	0	0	0
Natl Conf St Legis Leader	1,158	0	0	0	0	339	819	0	0	0	0
Natl Env Hlth Associate	250	0	0	0	0	0	250	0	0	0	0
Natl Jewish Med Rsch Ctr	21,420	0	0	0	0	0	179	21,226	0	15	0
Northeast Denver Hsng Ctr	350	0	0	0	0	0	350	0	0	0	0
Rocky Mountain Bio Lab	104	0	0	0	0	0	0	0	0	104	0
Space Science Institute	833	0	0	0	0	60	0	0	773	0	0
St Marys Hosp (Gd Jct CO)	348	0	0	0	0	164	0	184	0	0	0
U Corp for Atmosph Rsch	16,361	0	9,795	628	0	1,271	902	0	3,765	0	0
US Space Foundation	471	0	0	0	0	0	0	0	471	0	0
Water for People	247	0	0	0	0	0	247	0	0	0	0
Idaho, total	134	0	0	0	0	0	0	134	0	0	0
Mountain States Group	134	0	0	0	0	0	0	134	0	0	0
Montana, total	2,031	1,388	0	0	0	499	0	144	0	0	0
MT Hosp Rsch & Ed Fdn	144	0	0	0	0	0	0	144	0	0	0
Natl Ctr Appropriate Tech	1,799	1,300	0	0	0	499	0	0	0	0	0
Systems for Envir Mgt	88	88	0	0	0	0	0	0	0	0	0
Nevada, total	961	0	0	0	0	0	0	0	0	0	961
Natl Cncl Juv Fam Crt Jdg	961	0	0	0	0	0	0	0	0	0	961
New Mexico, total	17,384	0	0	794	0	10,333	1,200	3,376	382	1,299	0
Am Indian Opportunity	496	0	0	0	0	0	496	0	0	0	0
Lovelace Resp Rsch Ins	10,142	0	0	0	0	6,670	200	3,246	0	26	0
NM Museum of Natr Hist	38	0	0	0	0	0	0	0	38	0	0
Natl Ctr Genome Resources	2,538	0	0	0	0	2,538	0	0	0	0	0
Natl Indian Cncl Aging	573	0	0	0	0	0	0	130	0	443	0
Natl Indian Telecom Inst	45	0	0	0	0	0	0	0	45	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Mountain, continued:											
New Mexico, continued:											
Natl Tribal Env Council	444	0	0	0	0	0	444	0	0	0	0
New Mexico Mesa Inc	90	0	0	0	0	0	0	0	90	0	0
SW Rsch & Info Ctr	20	0	0	0	0	0	20	0	0	0	0
Sante Fe Institute	2,119	0	0	780	0	300	0	0	209	830	0
Self Reliance Foundation	865	0	0	0	0	825	40	0	0	0	0
Spectra Research Inst	14	0	0	14	0	0	0	0	0	0	0
Utah, total	1,235	0	0	0	0	635	30	570	0	0	0
Assoc Western U Inc	635	0	0	0	0	635	0	0	0	0	0
Center for Resource Mgt	30	0	0	0	0	0	30	0	0	0	0
Latter Day Saints Hosp	570	0	0	0	0	0	0	570	0	0	0
Wyoming, total	2,579	0	0	0	0	2,579	0	0	0	0	0
Western Research Inst	2,579	0	0	0	0	2,579	0	0	0	0	0
Pacific, total	341,319	6,285	1,874	36,343	9,122	6,343	15,863	231,694	10,874	20,936	1,985
Alaska, total	888	45	0	0	0	0	0	78	0	544	221
Alaska Bird Observatory	7	0	0	0	0	0	0	0	0	0	7
Alaska Federation Natives	97	0	0	0	0	0	0	0	0	97	0
Arctic Rsch Cnsrtm of US	333	0	0	0	0	0	0	0	0	333	0
Barrow Artic Sci Cnsrtm	114	0	0	0	0	0	0	0	0	114	0
Intuit Crcmplr Conf AK	24	0	0	0	0	0	0	0	0	0	24
Kawerak, Inc	190	0	0	0	0	0	0	0	0	0	190
Prince Wm Sound Sci&Tech	45	45	0	0	0	0	0	0	0	0	0
Southcentral Foundation	78	0	0	0	0	0	0	78	0	0	0
California, total	237,318	396	1,483	34,455	7,323	5,556	10,061	150,643	8,273	17,384	1,744
Addiction Research Fdn	590	0	0	0	0	0	0	590	0	0	0
Adopt-A-Watershed	54	0	0	0	0	0	54	0	0	0	0
Agouron Institute	1,036	0	0	150	0	0	0	781	0	105	0
Applied Technology Cncl	397	0	0	262	0	0	0	0	0	0	135
Asian Am Recovery Svs	500	0	0	0	0	0	0	500	0	0	0
Assc Natl Person Mayor	1,081	0	0	0	0	0	1,081	0	0	0	0
Assoc Asian Pac Cmty Hlth	93	0	0	0	0	0	93	0	0	0	0
Bay Area Env Rsch Inst	372	0	0	0	0	0	0	0	372	0	0
Beckman Research Inst	9,060	0	0	0	0	0	0	8,240	0	820	0
Bienvenidos Chld Ctr, Inc	250	0	0	0	0	0	0	250	0	0	0
Bio-Integral Resource Ctr	30	0	0	0	0	0	30	0	0	0	0
Biodiversity Rsch & App	80	0	0	80	0	0	0	0	0	0	0
Burnham Institute, The	17,842	0	0	0	0	0	0	17,572	0	270	0
CA Academy of Sciences	122	0	0	0	0	0	0	0	0	122	0
CA Advocates Nrsg Hm Ref	11	0	0	0	0	0	0	11	0	0	0
CA Chld Care Res Rfr Ntwk	200	0	0	0	0	0	0	200	0	0	0
CA Public Hlth Foundation	834	0	0	0	809	0	0	0	0	0	25
CA U Rsch Earthquake Eng	167	0	0	0	0	0	0	0	0	109	58
Calstart, Inc	50	0	0	0	0	0	50	0	0	0	0
Cedars Sinai Med Ctr	9,749	0	0	0	0	0	0	9,749	0	0	0
Child Hosp & Health Ctr	3,267	0	0	0	0	0	0	3,267	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
California, continued:											
Child Hosp Los Angeles	7,766	0	0	224	0	0	0	7,542	0	0	0
Child Hosp&Med Ctr N CA	2,160	0	0	0	0	0	0	2,160	0	0	0
City of Hope Medical Ctr	65	0	0	65	0	0	0	0	0	0	0
Computer Prof Social Resp	11	0	0	0	0	0	0	0	0	11	0
Coral Reef Research Fdn	43	0	0	0	0	0	0	0	0	43	0
Ctr Adv Study Behav Sci	900	0	0	0	0	0	0	0	0	900	0
Ctr Excllnc Evltnry Cmptn	50	0	50	0	0	0	0	0	0	0	0
Digital Clubhouse Ntwk	50	0	0	0	0	0	0	0	50	0	0
Doheny Eye Institute	1,141	0	0	0	0	0	0	1,141	0	0	0
Earth Images Foundation	36	0	0	0	0	0	0	0	0	36	0
Earthquake Eng Rsch Inst	235	0	0	0	0	0	0	0	0	235	0
Ecology Action, Inc	41	0	0	0	0	0	41	0	0	0	0
Eeg Systems Lab	297	0	0	0	0	0	0	0	297	0	0
Electric Power Research	4,889	0	0	0	0	4,489	150	0	0	0	250
Fair Housing Institute	49	0	0	0	0	0	0	0	0	0	49
Far W Labs Ed Rsch & Dev	1,500	0	0	0	1,500	0	0	0	0	0	0
Global Futures Foundation	10	0	0	0	0	0	10	0	0	0	0
Global Green	158	0	0	0	0	0	158	0	0	0	0
Greater LA Cncl Deafness	356	0	356	0	0	0	0	0	0	0	0
Hereditary Dis Fdn	470	0	0	0	0	0	0	470	0	0	0
Hospital Good Samaritan	254	0	0	0	0	0	0	254	0	0	0
House Ear Institute	1,065	0	0	0	0	0	0	1,065	0	0	0
Hubbs Sea World Rsch Inst	209	0	209	0	0	0	0	0	0	0	0
Huntington Med Rsch Insts	1,622	0	0	0	0	0	0	1,622	0	0	0
Hydrolic Research Ctr	90	0	0	0	0	0	0	0	90	0	0
IISME(Ind Ini Sci&Mth Ed)	43	0	0	0	0	0	0	0	43	0	0
Inspire, Inc	5	0	0	0	0	0	0	0	5	0	0
Inst Rsch & Tech Asstnc	97	0	0	0	0	0	97	0	0	0	0
Inst Study Learning Exper	120	0	0	120	0	0	0	0	0	0	0
Inst for Bird Populations	20	0	0	0	0	0	0	0	0	0	20
Inst for Rsch on Learning	370	0	0	0	0	0	0	0	0	370	0
Inst of Human Origins	35	0	0	0	0	0	0	0	0	35	0
Inter-Tribal Cncl of CA	94	0	0	0	0	0	94	0	0	0	0
Intl Computer Sci Inst	1,668	0	0	0	0	0	0	0	0	1,668	0
Jay David Gladstone Fdn	8,675	0	0	0	0	0	0	8,675	0	0	0
Kaiser Fdn Rsch Inst	4,459	0	0	0	0	0	0	4,459	0	0	0
Kestrel Institute	25	0	0	0	0	0	0	0	25	0	0
King - Drew Medical Ctr	144	0	0	0	0	0	0	144	0	0	0
Korean Yth & Cmty Ctr	100	0	0	0	0	0	100	0	0	0	0
L A City Mus Natr Hist	272	0	0	0	0	0	0	0	0	272	0
Local Gvrnmnt Cmsn of CA	217	0	0	0	0	0	217	0	0	0	0
Los Amigos Rsch & Ed	1,687	0	0	0	1,687	0	0	0	0	0	0
Los Angeles Cnsrvtn Corps	60	0	0	0	0	0	60	0	0	0	0
March of Dimes	73	0	0	73	0	0	0	0	0	0	0
Math Sciences Rsch Inst	4,278	0	0	0	0	250	0	0	0	4,028	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
California, continued:											
Medical Biology Institute	2,233	0	0	0	0	0	0	2,233	0	0	0
Molecular Research Inst	594	0	0	0	0	0	0	535	59	0	0
Monterey Bay Aquarm Rsch	778	0	129	75	0	0	0	0	574	0	0
National Water Rsch Inst	262	0	0	0	0	0	89	0	0	0	173
Natl Assoc Hispanic Eldly	4,539	0	0	0	0	0	4,539	0	0	0	0
Natl Cncl Crime & Delnqcy	982	0	0	0	0	0	0	0	0	0	982
Natl Test Pilot School	225	0	0	0	0	0	0	0	225	0	0
Northern CA Inst Rsch&Ed	227	0	0	0	0	0	0	0	227	0	0
Organic Farming Rsch Fdn	30	0	0	0	0	0	30	0	0	0	0
Pac Inst Stud Dev Env Sec	190	0	0	0	0	0	190	0	0	0	0
Pacific Cetacean Group	12	12	0	0	0	0	0	0	0	0	0
Palo Alto Med Rsch Fdn	2,161	0	0	0	0	0	0	2,161	0	0	0
Partnershp Env Tech Ed	2,798	0	0	0	0	0	2,798	0	0	0	0
Portals House, Inc	107	0	0	0	0	0	0	107	0	0	0
Prnts Help Prnts San Fran	150	0	0	0	0	0	0	150	0	0	0
Pro Esteros	10	0	10	0	0	0	0	0	0	0	0
Project Concern Intl	40	0	0	0	0	0	40	0	0	0	0
Public Health Fdn Entrprs	2,546	0	0	0	0	0	0	2,544	0	0	2
Rand Corporation	21,404	0	0	0	577	0	0	20,497	70	260	0
S Juan Capstrno Rsch Inst	409	0	0	0	0	0	0	0	402	7	0
SRI International	51,336	0	1	32,773	241	705	0	10,891	228	6,497	0
Salk Inst for Biol Study	35,370	301	0	299	0	112	0	32,885	275	1,498	0
San Diego Natr Hist Mus	40	0	0	0	0	0	40	0	0	0	0
Scientific Analysis Corp	1,624	0	0	0	0	0	0	1,624	0	0	0
Seti Institute	4,822	0	0	0	0	0	0	0	4,822	0	0
Sidney Kimmel Cancer Ctr	190	0	0	190	0	0	0	0	0	0	0
Small Manufacturers Assoc	75	0	0	0	0	0	75	0	0	0	0
Smith Kittwell Eye Rsch	4,525	0	0	144	1,030	0	0	3,351	0	0	0
Snta Barbara Maritime Mus	25	0	25	0	0	0	0	0	0	0	0
Soc Hispanic Prof Eng CA	33	0	0	0	0	0	0	0	33	0	0
Space Physics Rsch Inst	476	0	0	0	0	0	0	0	476	0	0
St. Vincent Foundation	464	0	464	0	0	0	0	0	0	0	0
Summit Medical Center	249	0	0	0	0	0	0	249	0	0	0
The Life Link	76	0	0	0	0	0	0	76	0	0	0
Through the Looking Glass	125	0	0	0	125	0	0	0	0	0	0
Tomas Rivera Plcy Inst	50	0	0	0	0	0	0	0	0	0	50
Torrey Pines Inst Moleclr	98	0	0	0	0	0	0	0	0	98	0
Transnatl Family Rsch CA	249	0	0	0	0	0	0	249	0	0	0
Water Education Fdn	25	0	0	0	0	0	25	0	0	0	0
Watershed Rsch&Trng Ctr	81	81	0	0	0	0	0	0	0	0	0
Western Cnsrtm Publc Hlth	4,399	0	0	0	0	0	0	4,399	0	0	0
World Inst Disabil Rsch	1,354	0	0	0	1,354	0	0	0	0	0	0
Wstrn Fdn Vertebrae Zlgy	2	2	0	0	0	0	0	0	0	0	0
Yerber Buena Grdns Tech	239	0	239	0	0	0	0	0	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
Hawaii, total	12,960	5,364	69	150	1,500	239	0	1,809	2,491	1,338	0
Bernice P Bishop Museum	2,088	0	0	0	0	0	0	0	1,000	1,088	0
CA Assoc Rsch Astronomy	1,491	0	0	0	0	0	0	0	1,491	0	0
Ctr Cultrl Tech Interchng	150	0	0	0	0	0	0	0	0	150	0
East West Center	239	0	0	0	0	239	0	0	0	0	0
Hawaii Sugar Planters	851	851	0	0	0	0	0	0	0	0	0
Kuakini Med Rsch Inst	1,709	0	0	0	0	0	0	1,709	0	0	0
Legal Aid Soc of HI	100	0	0	0	0	0	0	100	0	0	0
Maui Econ Dev Board	150	0	0	150	0	0	0	0	0	0	0
Natl Trpcl Botanical Grdn	100	0	0	0	0	0	0	0	0	100	0
Oceanic Institute	4,513	4,513	0	0	0	0	0	0	0	0	0
Pacific Basin Dev Council	69	0	69	0	0	0	0	0	0	0	0
Pacific Region Ed Lab	1,500	0	0	0	1,500	0	0	0	0	0	0
Oregon, total	36,593	381	0	744	299	300	151	34,621	0	97	0
Easter Seal Soc of Oregon	64	0	0	0	0	0	0	64	0	0	0
Good Sam Hosp & Med	4,846	0	0	0	0	0	0	4,749	0	97	0
N W Reg Education Lab	299	0	0	0	299	0	0	0	0	0	0
OR Environmental Council	141	0	0	0	0	0	141	0	0	0	0
OR Reg Primate Rsch Ctr	14,653	200	0	0	0	0	0	14,453	0	0	0
Oregon Museum Sci Indstry	175	0	0	0	0	0	0	175	0	0	0
Oregon Research Inst	8,937	0	0	0	0	0	0	8,937	0	0	0
Oregon Socl Learning Ctr	5,149	0	0	0	0	0	0	5,149	0	0	0
Portland Energy Cnsrvtn	10	0	0	0	0	0	10	0	0	0	0
Providence Med Ctr Prtlnd	2,138	0	0	744	0	300	0	1,094	0	0	0
Sustainbl Ecosystems Inst	181	181	0	0	0	0	0	0	0	0	0
Washington, total	53,560	99	322	994	0	248	5,651	44,543	110	1,573	20
Astrophysical Rsch Cnsrtm	1,000	0	0	0	0	0	0	0	0	1,000	0
Battelle Ctrs Pub Hlth	1,992	0	0	0	0	0	0	1,992	0	0	0
Child Hosp Med Ctr Seat	4,327	94	0	0	0	0	0	4,233	0	0	0
Ctr Health Studies	63	0	0	0	0	0	0	63	0	0	0
Earth and Space Research	457	0	0	187	0	0	0	0	110	160	0
F Hutchnsn Cancer Rsch	27,807	0	0	289	0	248	280	26,605	0	385	0
Grp Hlth Coop Puget Sound	482	0	0	187	0	0	0	295	0	0	0
Infcts Disease Rsch Inst	356	0	0	0	0	0	0	356	0	0	0
Intl Assoc Wildland Fire	5	5	0	0	0	0	0	0	0	0	0
Intl Soc Optical Eng	40	0	0	20	0	0	0	0	0	0	20
Learning Network Fdn	18	0	0	0	0	0	0	0	0	18	0
N Pacific Marine Sci Fdn	322	0	322	0	0	0	0	0	0	0	0
Natl Asian Pac Ctr Aging	5,296	0	0	0	0	0	5,166	130	0	0	0
Northwest Justice Project	97	0	0	0	0	0	0	97	0	0	0
Pacific NW Research Fdn	1,440	0	0	300	0	0	0	1,140	0	0	0
Pacific Watershed Inst	75	0	0	0	0	0	75	0	0	0	0
Puget Sound Blood Center	296	0	0	0	0	0	0	296	0	0	0
Seattle Biomed Rsch Inst	5,010	0	0	11	0	0	0	4,999	0	0	0
Soc Photo Optical Inst	10	0	0	0	0	0	0	0	0	10	0
Swedish Hospital Med Ctr	742	0	0	0	0	0	0	742	0	0	0

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

Table B-27. Federal obligations for science and engineering research and development and R&D plant to independent nonprofit institutions, by geographic division, State, institution, and agency: fiscal year 1997

[Dollars in thousands]

Geographic division, State, and institution	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Pacific, continued:											
Washington, continued:											
Tacoma Urban League	80	0	0	0	0	0	80	0	0	0	0
VA Msn Fdn Med Ed & Rsch ..	3,595	0	0	0	0	0	0	3,595	0	0	0
Yakima Vly Frmwrkrs Clnc	50	0	0	0	0	0	50	0	0	0	0
Outlying Areas, total	44	0	0	0	0	0	44	0	0	0	0
Puerto Rico, total	44	0	0	0	0	0	44	0	0	0	0
Inc Rabanal Small Farmers	44	0	0	0	0	0	44	0	0	0	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	1,477,362	8,346	32,207	556,163	16,763	32,499	36,178	614,940	1,106	59,317	112,880	6,963
1 Draper Laboratories	163,256	0	0	161,015	0	0	0	0	0	2,241	0	0
2 Mitre Corporation	124,732	0	0	123,679	0	925	0	0	0	0	128	0
3 Battelle Memorial Inst	57,659	0	0	43,488	0	0	4,313	9,311	0	296	0	251
4 Mem Sloan-Kettering Canc	55,979	0	0	952	0	0	0	54,294	0	0	733	0
5 H M Jackson Foundation	55,202	0	0	45,224	0	1,087	0	8,194	0	576	121	0
6 SRI International	51,336	0	1	32,773	241	705	0	10,891	0	228	6,497	0
7 Research Triangle Inst	50,179	0	160	3,657	78	1,763	5,075	34,168	0	4,609	0	669
8 Southwest Research Inst	36,173	30	0	7,656	0	201	0	0	276	26,582	129	1,299
9 Analytic Services, Inc	35,871	0	0	35,871	0	0	0	0	0	0	0	0
10 Salk Inst for Biol Study	35,370	301	0	299	0	112	0	32,885	0	275	1,498	0
Total 1st 10 institutions	665,757	331	161	454,614	319	4,793	9,388	149,743	276	34,807	9,106	2,219
11 Joint Ocean Insts, Inc	34,118	0	0	1,315	0	0	0	0	0	0	32,803	0
12 F Hutchnsn Cancer Rsch	27,807	0	0	289	0	248	280	26,605	0	0	385	0
13 Allegheny Singer Rsch	25,349	0	11,701	0	0	0	0	13,648	0	0	0	0
14 Whitehead Inst Biomed	24,661	0	0	0	0	330	0	23,880	0	0	451	0
15 SE Ctr Electric Energy	23,768	0	0	23,768	0	0	0	0	0	0	0	0
16 Cold Spring Harbor Lab	23,375	570	0	598	0	221	0	19,446	0	0	2,540	0
17 Jackson Laboratory	22,149	0	0	0	0	329	0	20,392	0	0	1,428	0
18 Rand Corporation	21,404	0	0	0	577	0	0	20,497	0	70	260	0
19 MPC Corporation	19,747	0	0	1,818	0	0	0	2,281	0	0	15,648	0
20 Southern Research Inst	19,432	0	0	4,023	0	250	488	14,535	0	136	0	0
Total 1st 20 institutions	907,567	901	11,862	486,425	896	6,171	10,156	291,027	276	35,013	62,621	2,219
21 Burnham Institute, The	17,842	0	0	0	0	0	0	17,572	0	0	270	0
22 IIT Research Institute	17,311	0	0	15,861	0	0	0	0	0	550	0	900
23 U Corp for Atmosph Rsch	16,361	0	9,795	628	0	1,271	902	0	0	3,765	0	0
24 Ctr Blood Research	16,004	0	0	0	0	0	0	16,004	0	0	0	0
25 OR Reg Primate Rsch Ctr	14,653	200	0	0	0	0	0	14,453	0	0	0	0
26 Wistar Institute	13,550	0	0	274	0	0	0	11,561	0	1,273	442	0
27 Family Health Intl	13,097	0	0	0	0	0	0	13,097	0	0	0	0
28 Environmental Rsch Inst	12,030	0	3,658	7,218	0	0	220	0	6	928	0	0
29 American Hlth Fdn, Inc	11,430	0	0	0	0	0	0	11,430	0	0	0	0
30 Natl Bureau Econ Rsch Inc	10,274	0	0	0	0	0	0	5,406	0	0	4,868	0
Total 1st 30 institutions	1,050,119	1,101	25,315	510,406	896	7,442	11,278	380,550	282	41,529	68,201	3,119
31 Lovelace Resp Rsch Ins	10,142	0	0	0	0	6,670	200	3,246	0	0	26	0
32 Am Registry Pathology	9,325	0	0	9,325	0	0	0	0	0	0	0	0
33 Urban Institute	9,182	0	0	0	199	0	0	6,156	0	0	0	2,827
34 Inst for Cancer Research	9,173	0	0	0	0	0	0	8,828	0	0	345	0
35 Beckman Research Inst	9,060	0	0	0	0	0	0	8,240	0	0	820	0
36 Marine Biological Lab	8,940	69	89	60	0	184	290	2,271	25	739	5,213	0
37 Oregon Research Inst	8,937	0	0	0	0	0	0	8,937	0	0	0	0
38 Frontier Sci & Tech Rsch	8,772	0	0	0	0	0	0	8,772	0	0	0	0
39 MCNC(Microelectrn Ctr NC)	8,712	0	0	4,059	0	0	2,700	0	0	287	1,666	0
40 St Lukes-Rsvlt Inst Hlth	8,374	0	0	0	0	0	0	8,374	0	0	0	0
Total 1st 40 institutions	1,140,736	1,170	25,404	523,850	1,095	14,296	14,468	435,374	307	42,555	76,271	5,946
41 WV Research Corp	8,281	0	0	0	0	1,433	2,518	0	0	0	4,330	0
42 Texas Eng Expmt Station	8,107	0	0	0	0	734	0	0	0	0	7,373	0
43 Oklahoma Med Rsch Fdn	8,073	0	0	0	0	0	0	7,863	0	0	210	0
44 Schepens Eye Rsch Inst	7,810	0	0	0	0	280	0	7,530	0	0	0	0
45 Midwest Research Inst	7,356	0	0	1,900	0	329	28	4,904	0	0	0	195
46 Friends Med Sci Rsch Ctr	7,211	0	0	0	0	0	0	7,211	0	0	0	0
47 Human Resources Rsch Org	6,773	0	0	6,773	0	0	0	0	0	0	0	0
48 Act Trans Demand Mgmt	6,366	0	0	0	0	0	6,366	0	0	0	0	0
49 Ctr Molecular Med & Immun	6,166	0	0	0	0	280	0	5,886	0	0	0	0
50 Natl Opinion Research Ctr	5,964	0	0	0	135	0	0	2,991	0	0	2,838	0
Total 1st 50 institutions	1,212,843	1,170	25,404	532,523	1,230	17,352	23,380	471,759	307	42,555	91,022	6,141

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

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 EK Shriver Ctr Mental	5,928	0	0	0	0	25	0	5,898	0	0	5	0
52 Public Health Res Inst	5,889	0	0	0	0	0	0	5,889	0	0	0	0
53 Forsyth Dental Center	5,834	0	0	0	0	0	0	5,834	0	0	0	0
54 Pacific Inst Rsch&Eval MD	5,699	0	0	0	0	0	0	5,699	0	0	0	0
55 Oregon Socl Learning Ctr	5,149	0	0	0	0	0	0	5,149	0	0	0	0
56 Seattle Biomed Rsch Inst	5,010	0	0	11	0	0	0	4,999	0	0	0	0
57 Seti Institute	4,822	0	0	0	0	0	0	0	0	4,822	0	0
58 AMC Cancer Rsch Ctr	4,815	0	0	191	0	0	0	4,624	0	0	0	0
59 Smith Kittwell Eye Rsch	4,525	0	0	144	1,030	0	0	3,351	0	0	0	0
60 Oceanic Institute	4,513	4,513	0	0	0	0	0	0	0	0	0	0
Total 1st 60 institutions	1,265,027	5,683	25,404	532,869	2,260	17,377	23,380	513,202	307	47,377	91,027	6,141
61 Marshfield Med Rsch Fdn	4,512	0	0	0	0	0	0	4,512	0	0	0	0
62 Kaiser Fdn Rsch Inst	4,459	0	0	0	0	0	0	4,459	0	0	0	0
63 Health Effects Institute	4,452	0	0	0	0	0	4,452	0	0	0	0	0
64 Ohio Aerospace Institute	4,328	0	0	0	0	0	0	0	0	4,328	0	0
65 Math Sciences Rsch Inst	4,278	0	0	0	0	250	0	0	0	0	4,028	0
66 U City Science Center	4,257	0	0	762	0	2,804	0	531	0	0	160	0
67 Education Development Ctr	4,199	0	0	0	125	0	0	3,267	0	0	807	0
68 Natl Ctr Manufactrng Sci	3,966	0	3,547	0	0	0	419	0	0	0	0	0
69 Boston Biomedical Rsch	3,748	0	0	0	0	0	0	3,635	0	0	113	0
70 Medlantic Health Care Grp	3,721	0	0	0	675	0	0	3,046	0	0	0	0
Total 1st 70 institutions	1,306,947	5,683	28,951	533,631	3,060	20,431	28,251	532,652	307	51,705	96,135	6,141
71 VA Msn Fdn Med Ed & Rsch	3,595	0	0	0	0	0	0	3,595	0	0	0	0
72 Coriell Inst for Med Rsch	3,529	0	0	0	0	0	0	3,529	0	0	0	0
73 Child Hosp Natl Med Ctr	3,512	0	0	20	0	0	0	3,492	0	0	0	0
74 Corp Natl Rsch Initiative	3,301	0	0	3,301	0	0	0	0	0	0	0	0
75 Tech Education Rsch Ctr	3,271	0	0	0	1,500	0	0	0	0	0	1,771	0
76 Haskins Laboratories, Inc	3,200	0	0	0	0	0	0	3,079	0	0	121	0
77 Houston Area Research Ctr	3,199	0	0	3,199	0	0	0	0	0	0	0	0
78 Monell Chem Senses Ctr	3,197	79	0	0	0	0	0	3,118	0	0	0	0
79 Edison Weld Inst	3,123	0	0	3,123	0	0	0	0	0	0	0	0
80 Trudeau Institute Inc	3,063	0	0	0	0	0	0	3,063	0	0	0	0
Total 1st 80 institutions	1,339,937	5,762	28,951	543,274	4,560	20,431	28,251	552,528	307	51,705	98,027	6,141
81 Inst Global Environment	2,926	0	1,349	0	0	0	0	0	0	540	1,037	0
82 Minneapolis Med Rsch Fdn	2,894	0	0	0	0	0	0	2,894	0	0	0	0
83 Health Research, Inc	2,671	0	0	845	117	27	446	0	0	0	1,236	0
84 E Roosevelt Inst Cancer	2,638	0	0	0	0	20	0	2,618	0	0	0	0
85 Western Research Inst	2,579	0	0	0	0	2,579	0	0	0	0	0	0
86 Public Health Fdn Entrprs	2,546	0	0	0	0	0	0	2,544	0	0	0	2
87 Manpowr Demo Rsch Corp	2,323	0	0	0	0	0	0	2,023	0	0	0	300
88 James N Gamble Inst Med	2,285	0	0	0	0	0	0	2,285	0	0	0	0
89 ITT Research Inst	2,242	0	0	0	0	0	0	2,242	0	0	0	0
90 Medical Biology Institute	2,233	0	0	0	0	0	0	2,233	0	0	0	0
Total 1st 90 institutions	1,365,274	5,762	30,300	544,119	4,677	23,057	28,697	569,367	307	52,245	100,300	6,443
91 W Alton Jones Cell Sci	2,214	135	0	257	0	21	0	1,801	0	0	0	0
92 Hektoen Inst Med Rsch	2,168	0	0	0	0	0	0	2,168	0	0	0	0
93 Palo Alto Med Rsch Fdn	2,161	0	0	0	0	0	0	2,161	0	0	0	0
94 MA Health Research Inst	2,134	0	0	0	0	0	0	2,134	0	0	0	0
95 Sante Fe Institute	2,119	0	0	780	0	300	0	0	0	209	830	0
96 Syracuse Research Corp	2,068	0	0	1,890	0	0	178	0	0	0	0	0
97 Southwest Ed Dev Lab	2,041	0	0	0	2,041	0	0	0	0	0	0	0
98 Resources for the Future	2,003	0	0	0	0	311	1,527	0	0	120	45	0
99 Battelle Ctrs Pub Hlth	1,992	0	0	0	0	0	0	1,992	0	0	0	0
100 Northeastern Rsch Fdn	1,989	0	0	438	0	0	0	0	0	195	1,356	0
Total 1st 100 institutions	1,386,163	5,897	30,300	547,484	6,718	23,689	30,402	579,623	307	52,769	102,531	6,443

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

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Hauptman-Wdwrd Med Rsch	1,978	0	0	0	0	0	0	1,648	0	79	251	0
102 Lowell Observatory	1,871	0	0	740	0	0	0	0	0	860	271	0
103 Humn Svc Rsch (Cmbrg MA)	1,833	0	0	0	225	0	0	1,608	0	0	0	0
104 Riverside Research Inst	1,829	0	0	653	0	0	0	1,176	0	0	0	0
105 B Thompson Inst Plant	1,823	610	0	0	0	165	203	465	0	71	309	0
106 Lankenau Med Rsch Center	1,730	0	0	0	0	0	0	1,730	0	0	0	0
107 Kuakini Med Rsch Inst	1,709	0	0	0	0	0	0	1,709	0	0	0	0
108 Krell Institute, Inc	1,700	0	0	0	0	1,700	0	0	0	0	0	0
109 Los Amigos Rsch & Ed	1,687	0	0	0	1,687	0	0	0	0	0	0	0
110 Emergency Care Rsch Inst	1,670	0	0	0	0	0	0	1,670	0	0	0	0
Total 1st 110 institutions	1,403,993	6,507	30,300	548,877	8,630	25,554	30,605	589,629	307	53,779	103,362	6,443
111 Intl Computer Sci Inst	1,668	0	0	0	0	0	0	0	0	0	1,668	0
112 Scientific Analysis Corp	1,624	0	0	0	0	0	0	1,624	0	0	0	0
113 Huntington Med Rsch Insts	1,622	0	0	0	0	0	0	1,622	0	0	0	0
114 Worcester Fdn Exper Bio	1,546	0	0	36	0	0	0	1,510	0	0	0	0
115 N E Radio Observatory Ctr	1,506	0	0	0	0	0	0	0	0	0	1,506	0
116 Appalachia Ed Lab	1,500	0	0	0	1,500	0	0	0	0	0	0	0
117 Far W Labs Ed Rsch & Dev	1,500	0	0	0	1,500	0	0	0	0	0	0	0
118 Mid Continent Reg Ed Lab	1,500	0	0	0	1,500	0	0	0	0	0	0	0
119 Rsch for Better Schools	1,500	0	0	0	1,500	0	0	0	0	0	0	0
120 Am Geological Institute	1,494	0	0	0	0	1,494	0	0	0	0	0	0
Total 1st 120 institutions	1,419,453	6,507	30,300	548,913	14,630	27,048	30,605	594,385	307	53,779	106,536	6,443
121 Pacific NW Research Fdn	1,440	0	0	300	0	0	0	1,140	0	0	0	0
122 Ctr Hlth Policy Rsch	1,420	0	0	0	0	0	0	1,420	0	0	0	0
123 Inst Regulatory Science	1,415	0	0	0	0	1,415	0	0	0	0	0	0
124 Rsch Fdn Mental Hygiene	1,367	0	0	0	0	0	0	1,367	0	0	0	0
125 Southern State Energy	1,351	0	0	0	0	1,351	0	0	0	0	0	0
126 Inst for Technology Dev	1,300	105	0	0	0	0	0	0	0	1,195	0	0
127 Ctr Strategic Intl Study	1,231	0	0	1,231	0	0	0	0	0	0	0	0
128 Weis Center for Research	1,176	0	0	0	0	0	0	1,176	0	0	0	0
129 Henry Ford Health System	1,162	0	0	0	0	0	0	1,162	0	0	0	0
130 Sun Health Rsch Inst	1,160	0	0	0	0	0	0	1,160	0	0	0	0
Total 1st 130 institutions	1,432,475	6,612	30,300	550,444	14,630	29,814	30,605	601,810	307	54,974	106,536	6,443
131 Natl Conf St Legis Leader	1,158	0	0	0	0	339	819	0	0	0	0	0
132 Natl Biomedical Rsch Fdn	1,134	0	0	0	0	0	0	1,134	0	0	0	0
133 House Ear Institute	1,065	0	0	0	0	0	0	1,065	0	0	0	0
134 Mayo Foundation	1,053	224	0	0	0	0	0	427	0	402	0	0
135 Potomac Inst Policy Stud	1,053	0	0	1,053	0	0	0	0	0	0	0	0
136 Agouron Institute	1,036	0	0	150	0	0	0	781	0	0	105	0
137 Rehab Inst of Chicago	1,025	0	0	0	1,025	0	0	0	0	0	0	0
138 Astrophysical Rsch Cnsrtm	1,000	0	0	0	0	0	0	0	0	0	1,000	0
139 Gulf Coast Rsch Lab	980	830	0	0	0	0	150	0	0	0	0	0
140 Michigan Molecular Inst	953	0	0	953	0	0	0	0	0	0	0	0
Total 1st 140 institutions	1,442,932	7,666	30,300	552,600	15,655	30,153	31,574	605,217	307	55,376	107,641	6,443
141 Ctr Adv Study Behav Sci	900	0	0	0	0	0	0	0	0	0	900	0
142 Public Hlth Rsch Inst	871	0	0	0	0	0	0	647	0	0	224	0
143 JW Jones Ecological Rsch	860	445	0	0	0	0	370	0	0	0	45	0
144 CA Public Hlth Foundation	834	0	0	0	809	0	0	0	0	0	0	25
145 Nature Conservancy	822	26	0	55	0	0	250	0	491	0	0	0
146 Natural Res Def Cncl	788	0	0	0	0	120	668	0	0	0	0	0
147 Monterey Bay Aquarm Rsch	778	0	129	75	0	0	0	0	0	574	0	0
148 Internatl Life Sci Inst	772	0	0	0	0	0	772	0	0	0	0	0
149 Industrial Tech Institute	757	0	505	252	0	0	0	0	0	0	0	0
150 Woods Hole Research Ctr	743	0	0	0	0	275	0	0	0	0	468	0
Total 1st 150 institutions	1,451,057	8,137	30,934	552,982	16,464	30,548	33,634	605,864	798	55,950	109,278	6,468

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

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Mitretek Systems, Inc	660	0	0	0	0	0	0	660	0	0	0	0
152 Brookings Institution	651	0	0	0	0	0	223	121	0	0	307	0
153 Mount Desert Isld Bio Lab	649	0	0	0	0	0	0	414	0	0	235	0
154 Carnegie Inst Baltimore	631	0	0	0	0	0	0	0	0	0	631	0
155 D Guthrie Fdn Med Rsch	624	0	0	0	0	0	0	624	0	0	0	0
156 Molecular Research Inst	594	0	0	0	0	0	0	535	0	59	0	0
157 Addiction Research Fdn	590	0	0	0	0	0	0	590	0	0	0	0
158 Am Inst Rsch Pittsburgh	584	0	0	0	0	0	0	584	0	0	0	0
159 NJ Marine Science Cnsrtm	552	0	552	0	0	0	0	0	0	0	0	0
160 Kennedy Rsch Inst Inc	533	0	0	0	0	0	0	533	0	0	0	0
Total 1st 160 institutions	1,457,125	8,137	31,486	552,982	16,464	30,548	33,857	609,925	798	56,009	110,451	6,468
161 Fox Chase Cancer Center	530	0	0	530	0	0	0	0	0	0	0	0
162 Treatment Research Inst	515	0	0	0	0	0	0	515	0	0	0	0
163 Coneg Policy Rsch Ctr	502	0	0	0	0	502	0	0	0	0	0	0
164 Skidaway Inst Oceanog	496	0	60	198	0	200	38	0	0	0	0	0
165 Childrens Research Inst	493	0	0	0	0	0	0	493	0	0	0	0
166 Mote Marine Laboratory	493	0	28	0	0	0	400	0	0	0	65	0
167 Space Physics Rsch Inst	476	0	0	0	0	0	0	0	0	476	0	0
168 Hereditary Dis Fdn	470	0	0	0	0	0	0	470	0	0	0	0
169 Natl Assn Perintl Addctn	467	0	0	0	0	0	0	467	0	0	0	0
170 Am Inst Biological Sci	461	0	0	461	0	0	0	0	0	0	0	0
Total 1st 170 institutions	1,462,028	8,137	31,574	554,171	16,464	31,250	34,295	611,870	798	56,485	110,516	6,468
171 Earth and Space Research	457	0	0	187	0	0	0	0	0	110	160	0
172 Autonms Undersea Sys Inst	451	0	0	451	0	0	0	0	0	0	0	0
173 American Planning Assc	450	0	0	0	0	30	0	0	0	0	0	420
174 Masonic Medical Rsch Lab	448	0	0	0	0	0	0	448	0	0	0	0
175 S Juan Capstrno Rsch Inst	409	0	0	0	0	0	0	0	0	402	7	0
176 Applied Technology Cncl	397	0	0	262	0	0	0	0	135	0	0	0
177 Unison Institute	395	0	0	0	0	0	395	0	0	0	0	0
178 HJ Heinz Ctr Sci Econ Env	387	0	0	288	0	0	99	0	0	0	0	0
179 Bay Area Env Rsch Inst	372	0	0	0	0	0	0	0	0	372	0	0
180 Inst for Rsch on Learning	370	0	0	0	0	0	0	0	0	0	370	0
Total 1st 180 institutions	1,466,164	8,137	31,574	555,359	16,464	31,280	34,789	612,318	933	57,369	111,053	6,888
181 Infcts Disease Rsch Inst	356	0	0	0	0	0	0	356	0	0	0	0
182 Natl Dvlpmt & Rsch Inst	335	0	0	0	0	0	0	335	0	0	0	0
183 Inst for Genomic Research	325	0	0	0	0	325	0	0	0	0	0	0
184 N Pacific Marine Sci Fdn	322	0	322	0	0	0	0	0	0	0	0	0
185 Air Conditioning & Refrig	314	0	0	0	0	314	0	0	0	0	0	0
186 Tellus Institute, Inc	301	0	0	0	0	0	301	0	0	0	0	0
187 N W Reg Education Lab	299	0	0	0	299	0	0	0	0	0	0	0
188 Eeg Systems Lab	297	0	0	0	0	0	0	0	0	297	0	0
189 Growth Management Inst	290	0	0	0	0	0	290	0	0	0	0	0
190 Aspen Center for Physics	285	0	0	0	0	6	0	0	0	16	263	0
Total 1st 190 institutions	1,469,288	8,137	31,896	555,359	16,763	31,925	35,380	613,009	933	57,682	111,316	6,888
191 Einstn Inst Sci Hlth Crts	280	0	0	0	0	280	0	0	0	0	0	0
192 National Water Rsch Inst	262	0	0	0	0	0	89	0	173	0	0	0
193 Transnatl Family Rsch CA	249	0	0	0	0	0	0	249	0	0	0	0
194 Ctr Hlth Policy Studies	247	0	0	0	0	0	0	247	0	0	0	0
195 Texas Heart Institute	244	0	0	0	0	0	0	244	0	0	0	0
196 Acad of Applied Science	241	0	0	241	0	0	0	0	0	0	0	0
197 East West Center	239	0	0	0	0	239	0	0	0	0	0	0
198 Earthquake Eng Rsch Inst	235	0	0	0	0	0	0	0	0	0	235	0
199 Agate Alliance Assn, Inc	229	0	0	0	0	0	0	0	0	229	0	0
200 Hosp Rsch & Ed Trust	229	0	0	0	0	0	0	229	0	0	0	0
Total 1st 200 institutions	1,471,743	8,137	31,896	555,600	16,763	32,444	35,469	613,978	1,106	57,911	111,551	6,888

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

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Northern CA Inst Rsch&Ed	227	0	0	0	0	0	0	0	0	227	0	0
202 Hubbs Sea World Rsch Inst	209	0	209	0	0	0	0	0	0	0	0	0
203 Soc Industrial App M	208	0	0	10	0	50	0	0	0	0	148	0
204 Am Inst Aeronautic Astro	205	0	0	0	0	0	0	0	0	205	0	0
205 Natl Public Svc Rsch Inst	204	0	0	0	0	0	0	204	0	0	0	0
206 Center Marine Converv	200	0	0	0	0	0	200	0	0	0	0	0
207 Compton Rsch Lab, Inc	200	0	0	200	0	0	0	0	0	0	0	0
208 Inst for Sci Rsch Inc	195	0	0	0	0	0	0	0	0	130	65	0
209 Inst Expermntl Psychiatry	194	0	0	0	0	0	0	0	0	194	0	0
210 Sidney Kimmel Cancer Ctr	190	0	0	190	0	0	0	0	0	0	0	0
Total 1st 210 institutions	1,473,775	8,137	32,105	556,000	16,763	32,494	35,669	614,182	1,106	58,667	111,764	6,888
211 Mass Mentl Hlth Rsch Corp	185	0	0	0	0	0	0	0	0	185	0	0
212 Calspan U Buffalo Rsch	163	0	0	0	0	0	0	0	0	163	0	0
213 Archbold Biological Stn	150	0	0	0	0	0	0	0	0	0	150	0
214 Ctr Cultrl Tech Interchng	150	0	0	0	0	0	0	0	0	0	150	0
215 Yale Southern Observatory	145	0	0	0	0	0	0	0	0	0	145	0
216 Ctr Hlth Economic Rsch	140	0	0	0	0	0	0	140	0	0	0	0
217 Child Trends, Inc	138	0	0	0	0	0	0	138	0	0	0	0
218 Retina Fdn of the SW	130	0	0	0	0	0	0	130	0	0	0	0
219 Natl Inst Chem Studies	129	0	0	0	0	0	129	0	0	0	0	0
220 Southeastern U Rsch Assc	127	0	0	0	0	0	0	0	0	0	127	0
Total 1st 220 institutions	1,475,232	8,137	32,105	556,000	16,763	32,494	35,798	614,590	1,106	59,015	112,336	6,888
221 Farmworker Hlth & Sfty	120	0	0	0	0	0	120	0	0	0	0	0
222 Boulder Ctr Sci & Policy	112	0	0	0	0	0	0	0	0	112	0	0
223 Assoc Analytical Chemists	107	0	0	0	0	0	0	107	0	0	0	0
224 Stehlin Fnd for Cancr Res	105	0	0	0	0	0	0	105	0	0	0	0
225 Rocky Mountain Bio Lab	104	0	0	0	0	0	0	0	0	0	104	0
226 Textile Research Inst	102	0	102	0	0	0	0	0	0	0	0	0
227 Ed Commission/States	100	0	0	0	0	0	0	0	0	0	100	0
228 Torrey Pines Inst Moleclr	98	0	0	0	0	0	0	0	0	0	98	0
229 Natl Inst Statistical Sci	95	0	0	0	0	0	95	0	0	0	0	0
230 Space Studies Institute	90	0	0	0	0	0	0	0	0	90	0	0
Total 1st 230 institutions	1,476,265	8,137	32,207	556,000	16,763	32,494	36,013	614,802	1,106	59,217	112,638	6,888
231 Systems for Envir Mgt	88	88	0	0	0	0	0	0	0	0	0	0
232 Biodiversity Rsch & App	80	0	0	80	0	0	0	0	0	0	0	0
233 Atmosphere Sys & Analysis	75	0	0	0	0	0	0	0	0	75	0	0
234 Pacific Watershed Inst	75	0	0	0	0	0	75	0	0	0	0	0
235 Ctr Health Studies	63	0	0	0	0	0	0	63	0	0	0	0
236 Wood Hdsn Cncr Rsch Lab	60	0	0	0	0	0	60	0	0	0	0	0
237 Biomedical Research Inst	52	0	0	52	0	0	0	0	0	0	0	0
238 Grtr Washington Rsch Ctr	50	0	0	0	0	0	0	0	0	0	0	50
239 National Planning Assc	46	0	0	0	0	0	0	0	0	0	46	0
240 Maria Mitchell Observ	45	0	0	0	0	0	0	0	0	0	45	0
Total 1st 240 institutions	1,476,899	8,225	32,207	556,132	16,763	32,494	36,148	614,865	1,106	59,292	112,729	6,938
241 Prince Wm Sound Sci&Tech	45	45	0	0	0	0	0	0	0	0	0	0
242 Florida Research Inst	40	0	0	0	0	0	0	40	0	0	0	0
243 Lunar & Planetary Inst	40	0	0	0	0	0	0	0	0	0	40	0
244 Sugar Process Rsch Inst	40	40	0	0	0	0	0	0	0	0	0	0
245 Inst of Human Origins	35	0	0	0	0	0	0	0	0	0	35	0
246 Assc Symbolic Logic	30	0	0	0	0	0	0	0	0	0	30	0
247 Bio-Integral Resource Ctr	30	0	0	0	0	0	30	0	0	0	0	0
248 Economic Policy Institute	25	0	0	0	0	0	0	0	0	0	0	25
249 Kestrel Institute	25	0	0	0	0	0	0	0	0	25	0	0
250 Natl Acad of Practice	20	0	0	0	0	0	0	20	0	0	0	0
Total 1st 250 institutions	1,477,229	8,310	32,207	556,132	16,763	32,494	36,178	614,925	1,106	59,317	112,834	6,963

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

Table B-28. Federal obligations for science and engineering research and development and R&D plant to research institutes, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 Soc Developmental Bio	20	0	0	0	0	0	0	0	0	0	20	0
252 Freshwater Institute	18	18	0	0	0	0	0	0	0	0	0	0
253 Wild Dolphin Project	17	0	0	17	0	0	0	0	0	0	0	0
254 Inst of Public Admin	15	0	0	0	0	0	0	0	0	0	15	0
255 Tall Timbers Rsch, Inc	15	15	0	0	0	0	0	0	0	0	0	0
256 Spectra Research Inst	14	0	0	14	0	0	0	0	0	0	0	0
257 Childrens TV Workshop	11	0	0	0	0	0	0	0	0	0	11	0
258 Oral Health America	10	0	0	0	0	0	0	10	0	0	0	0
259 Michigan Public Hlth Inst	5	0	0	0	0	0	0	5	0	0	0	0
260 Southwest Fdn Biomed Rsch ..	5	0	0	0	0	5	0	0	0	0	0	0
261 New Engl Inst Landscape	3	3	0	0	0	0	0	0	0	0	0	0
Total 1st 261 institutions	1,477,362	8,346	32,207	556,163	16,763	32,499	36,178	614,940	1,106	59,317	112,880	6,963

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	738,023	567	515	15,611	6,503	2,632	275	700,773	0	9,467	1,680	0
1 MA General Hospital	126,514	180	0	6,895	0	573	0	117,736	0	180	950	0
2 Brigham and Womens Hosp	113,350	0	0	1,866	0	0	225	109,675	0	1,333	251	0
3 Beth Israel Deac Med Ctr	56,129	0	0	0	0	1,595	0	53,921	0	427	186	0
4 Dana-Farber Cancer Inst	55,278	0	0	1,183	0	0	0	54,095	0	0	0	0
5 Child Hosp (Boston, MA)	41,544	0	0	300	950	0	0	39,920	0	374	0	0
6 Cleveland Clinic Fdn	29,887	0	0	0	0	0	0	25,772	0	4,115	0	0
7 Child Hosp Phila	28,872	0	0	0	0	0	0	28,872	0	0	0	0
8 Rush Presbyterian St Luke	25,481	0	0	133	0	0	0	25,310	0	0	38	0
9 New Eng Med Ctr & Hosp	25,358	0	0	0	500	0	0	24,858	0	0	0	0
10 St Jude Child Rsch Hosp	25,197	0	0	0	0	0	0	25,197	0	0	0	0
Total 1st 10 institutions	527,610	180	0	10,377	1,450	2,168	225	505,356	0	6,429	1,425	0
11 Child Hosp Med Ctr Cincin	17,715	0	0	149	0	0	0	17,566	0	0	0	0
12 Boston Medical Center	11,907	0	0	0	378	0	0	11,529	0	0	0	0
13 McLean Hospital	11,373	0	0	0	0	0	0	11,373	0	0	0	0
14 J Hopkins Bayview Med Ctr	10,793	0	0	0	0	0	0	10,793	0	0	0	0
15 Montefiore Hosp & Med Ctr	9,917	0	0	0	0	0	0	9,917	0	0	0	0
16 Cedars Sinai Med Ctr	9,749	0	0	0	0	0	0	9,749	0	0	0	0
17 Rhode Island Hospital	8,891	0	0	0	0	0	0	8,886	0	0	5	0
18 Child Hosp Pittsburgh	8,522	0	0	1,237	0	0	0	7,285	0	0	0	0
19 MA Eye & Ear Infirmary	7,908	0	0	45	0	0	0	7,863	0	0	0	0
20 Child Hosp Los Angeles	7,766	0	0	224	0	0	0	7,542	0	0	0	0
Total 1st 20 institutions	632,151	180	0	12,032	1,828	2,168	225	607,859	0	6,429	1,430	0
21 North Shore U Hospital	7,263	0	0	442	0	0	0	6,821	0	0	0	0
22 Magee Womens Hosp	7,081	0	0	0	0	0	0	7,010	0	0	71	0
23 Long Island Jew Hillside	5,384	0	0	0	0	0	0	5,384	0	0	0	0
24 Memorial Hosp Pawtucket	5,175	0	0	0	0	0	0	5,175	0	0	0	0
25 Good Sam Hosp & Med	4,846	0	0	0	0	0	0	4,749	0	0	97	0
26 Hosp for Special Surgery	4,511	0	0	0	0	0	0	4,511	0	0	0	0
27 Child Hosp Med Ctr Seat	4,327	94	0	0	0	0	0	4,233	0	0	0	0
28 Miriam Hospital	3,622	0	0	0	0	0	0	3,406	0	216	0	0
29 Child Hosp & Health Ctr	3,267	0	0	0	0	0	0	3,267	0	0	0	0
30 Hebrew Rehab Center	3,164	0	0	0	0	0	0	3,164	0	0	0	0
Total 1st 30 institutions	680,791	274	0	12,474	1,828	2,168	225	655,579	0	6,645	1,598	0
31 Beth Israel Medical Ctr	3,039	0	0	0	0	0	0	3,039	0	0	0	0
32 Child Hosp Columbus	2,976	0	0	0	0	0	0	2,831	0	145	0	0
33 Inst Rehab & Rsch	2,547	0	0	0	2,547	0	0	0	0	0	0	0
34 St Francis Med Ctr	2,339	0	0	0	0	0	0	2,339	0	0	0	0
35 Hosp Joint Disease Ortho	2,242	0	0	0	0	0	0	2,160	0	0	82	0
36 St Eliz Hosp Boston MA	2,172	0	0	0	0	0	0	2,172	0	0	0	0
37 Child Hosp&Med Ctr N CA	2,160	0	0	0	0	0	0	2,160	0	0	0	0
38 Providence Med Ctr Prtlnd	2,138	0	0	744	0	300	0	1,094	0	0	0	0
39 Evanston Hospital	1,995	0	0	0	0	0	0	1,995	0	0	0	0
40 Mt Sinai Hosp Med Ctr FL	1,884	0	0	0	0	0	0	1,884	0	0	0	0
Total 1st 40 institutions	704,283	274	0	13,218	4,375	2,468	225	675,253	0	6,790	1,680	0
41 Women & Infants Hosp	1,648	0	0	0	0	0	0	1,648	0	0	0	0
42 Texas Medical Center	1,492	0	0	0	0	0	0	0	0	1,492	0	0
43 Butler Hospital	1,480	0	0	0	0	0	0	1,480	0	0	0	0
44 Mt Sinai Hosp New York	1,234	0	0	1,078	0	0	0	156	0	0	0	0
45 St Josephs Hosp & Med Ctr	1,158	0	0	0	0	0	0	1,158	0	0	0	0
46 Moss Rehabilitation Hosp	1,027	0	0	0	345	0	0	682	0	0	0	0
47 Philadelphia Geriatrc Ctr	1,015	0	0	0	0	0	0	1,015	0	0	0	0
48 Graduate Hospital	1,006	0	0	0	0	0	0	1,006	0	0	0	0
49 St Lukes Roosevlt Hosp C	996	0	0	0	0	0	0	996	0	0	0	0
50 Mary Imogene Basset Hosp	867	0	0	0	0	0	0	867	0	0	0	0
Total 1st 50 institutions	716,206	274	0	14,296	4,720	2,468	225	684,261	0	8,282	1,680	0

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

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 William Beaumont Hospital	863	0	0	0	0	0	0	863	0	0	0	0
52 Rehabilitation Inst MI	839	0	0	0	539	0	0	300	0	0	0	0
53 Greene Co Memorial Hosp	770	0	0	0	0	0	0	0	0	770	0	0
54 Swedish Hospital Med Ctr	742	0	0	0	0	0	0	742	0	0	0	0
55 Allegheny General Hosp	730	0	0	0	0	0	0	730	0	0	0	0
56 Maimonides Medical Center	726	0	0	0	0	0	0	726	0	0	0	0
57 Childrens Mercy Hosp	715	0	0	0	0	0	0	715	0	0	0	0
58 Butterworth Hospital	711	0	0	0	0	0	0	711	0	0	0	0
59 Child Hosp (Nw Orlns LA)	695	0	0	0	0	0	0	695	0	0	0	0
60 St Francis Hosp & Med Ctr	676	0	0	0	0	0	0	676	0	0	0	0
Total 1st 60 institutions	723,673	274	0	14,296	5,259	2,468	225	690,419	0	9,052	1,680	0
61 Craig Hospital	652	0	0	0	373	0	0	279	0	0	0	0
62 Burke Rehabilitation Ctr	640	0	0	0	0	0	0	640	0	0	0	0
63 Medical Center Delaware	635	0	0	0	0	0	0	635	0	0	0	0
64 University Hosp (Agst GA)	600	0	0	600	0	0	0	0	0	0	0	0
65 Roger Williams Gen Hosp	577	0	0	0	0	0	0	577	0	0	0	0
66 Latter Day Saints Hosp	570	0	0	0	0	0	0	570	0	0	0	0
67 Southwest LA Hosp Assn	515	0	515	0	0	0	0	0	0	0	0	0
68 Beth Isrl Hosp (Pssc NJ)	513	0	0	513	0	0	0	0	0	0	0	0
69 Maine Medical Center	501	0	0	137	0	0	0	364	0	0	0	0
70 Shepard Spinal Center	498	0	0	0	498	0	0	0	0	0	0	0
Total 1st 70 institutions	729,374	274	515	15,546	6,130	2,468	225	693,484	0	9,052	1,680	0
71 Lankenau Hospital	438	0	0	0	0	0	0	438	0	0	0	0
72 Scott and White Mem Hosp	405	0	0	0	0	0	0	405	0	0	0	0
73 Kessler Inst for Rehab	373	0	0	0	373	0	0	0	0	0	0	0
74 Albert Einstein Med Ctr	369	0	0	0	0	0	0	369	0	0	0	0
75 Highland Hosp Rochester	369	0	0	0	0	0	0	369	0	0	0	0
76 Hartford Hospital	364	0	0	0	0	0	0	364	0	0	0	0
77 Arkansas Children's Hosp	354	0	0	0	0	0	0	354	0	0	0	0
78 Hackensack Hospital	354	0	0	0	0	0	0	354	0	0	0	0
79 St Marys Hosp (Gd Jct CO)	348	0	0	0	0	164	0	184	0	0	0	0
80 St Josephs Hosp (Atln GA)	346	0	0	0	0	0	0	346	0	0	0	0
Total 1st 80 institutions	733,094	274	515	15,546	6,503	2,632	225	696,667	0	9,052	1,680	0
81 Sinai Hospital Baltimore	301	0	0	0	0	0	0	301	0	0	0	0
82 Bapt Med Ctr (KS Cty MO)	286	0	0	0	0	0	0	286	0	0	0	0
83 Hospital Good Samaritan	254	0	0	0	0	0	0	254	0	0	0	0
84 Summit Medical Center	249	0	0	0	0	0	0	249	0	0	0	0
85 Kettering Medical Center	246	0	0	0	0	0	0	246	0	0	0	0
86 Inter Faith Medical Ctr	205	0	0	0	0	0	0	205	0	0	0	0
87 Henry Ford Hospital	195	0	0	0	0	0	0	0	0	195	0	0
88 Good Samaritan Med Ctr	194	0	0	0	0	0	0	194	0	0	0	0
89 Lahey Clinic Fdn	189	0	0	0	0	0	0	189	0	0	0	0
90 Geisinger Medical Center	178	178	0	0	0	0	0	0	0	0	0	0
Total 1st 90 institutions	735,391	452	515	15,546	6,503	2,632	225	698,591	0	9,247	1,680	0
91 Wills Eye Hospital	174	0	0	0	0	0	0	174	0	0	0	0
92 Methdst Med Ctr-Peoria IL	171	0	0	0	0	0	0	171	0	0	0	0
93 Am Hospital Assciation	163	0	0	0	0	0	0	163	0	0	0	0
94 Touro Research Institute	158	0	0	0	0	0	0	158	0	0	0	0
95 Child Hosp (Denver CO)	153	0	0	0	0	0	0	153	0	0	0	0
96 Ingalls Mem Hospital	152	0	0	0	0	0	0	152	0	0	0	0
97 King - Drew Medical Ctr	144	0	0	0	0	0	0	144	0	0	0	0
98 MT Hosp Rsch & Ed Fdn	144	0	0	0	0	0	0	144	0	0	0	0
99 Rutland Regional Med Ctr	144	0	0	0	0	0	0	144	0	0	0	0
100 St Johns Mercy Med Ctr	144	0	0	0	0	0	0	144	0	0	0	0
Total 1st 100 institutions	736,938	452	515	15,546	6,503	2,632	225	700,138	0	9,247	1,680	0

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

Table B-29. Federal obligations for science and engineering research and development and R&D plant to voluntary hospitals, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 Carolinas Medical Ctr	135	0	0	0	0	0	0	0	0	135	0	0
102 Mercy Hosp of Pittsburgh	133	0	0	0	0	0	0	133	0	0	0	0
103 Mt Sinai Hosp Cleveland	120	0	0	0	0	0	0	120	0	0	0	0
104 Johns Hopkins Hospital	115	115	0	0	0	0	0	0	0	0	0	0
105 Bronx Lebanon Hosp Ctr	89	0	0	0	0	0	0	89	0	0	0	0
106 A I DuPont Inst Nemours	85	0	0	0	0	0	0	0	0	85	0	0
107 Winthrop U Hospital	82	0	0	0	0	0	0	82	0	0	0	0
108 Carondelet Hlth Svc Inc	81	0	0	0	0	0	0	81	0	0	0	0
109 City of Hope Medical Ctr	65	0	0	65	0	0	0	0	0	0	0	0
110 Intr-Indstry Ec Rsch Fund	50	0	0	0	0	0	0	50	0	0	0	0
Total 1st 110 institutions	737,893	567	515	15,611	6,503	2,632	225	700,693	0	9,467	1,680	0
111 Our Ldy Lourdes Mem Hosp	50	0	0	0	0	0	0	50	0	0	0	0
112 Yakima Vly Frmwrkrs Clnc	50	0	0	0	0	0	50	0	0	0	0	0
113 Sinai Hospital Detroit	30	0	0	0	0	0	0	30	0	0	0	0
Total 1st 113 institutions	738,023	567	515	15,611	6,503	2,632	275	700,773	0	9,467	1,680	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
Total, all institutions	622,398	9,637	17,292	80,979	20,272	27,524	120,546	100,473	1,586	177,732	47,424	18,933
1 Universities Space Rsch	73,108	0	0	1,247	0	0	0	0	0	71,395	466	0
2 Natl Academy of Sciences	66,842	125	80	16,354	0	4,535	6,339	4,973	549	19,355	7,690	6,842
3 Assc U Rsch in Astronomy	65,000	0	0	70	0	0	0	0	0	64,930	0	0
4 Natl Jewish Med Rsch Ctr	21,420	0	0	0	0	0	179	21,226	0	0	15	0
5 Natl Marrow Donor Program	19,006	0	0	19,006	0	0	0	0	0	0	0	0
6 Am Assc Retired Persons	16,275	0	0	0	0	0	16,125	150	0	0	0	0
7 Inc Rsch Insts Seismology	12,330	0	0	0	0	0	0	0	0	0	12,330	0
8 Educational Testing Srvc	11,933	0	0	0	11,933	0	0	0	0	0	0	0
9 Focus Hope	11,545	0	0	11,545	0	0	0	0	0	0	0	0
10 Joslin Diabetes Fdn Inc	10,679	0	0	0	0	0	0	10,679	0	0	0	0
Total 1st 10 institutions	308,138	125	80	48,222	11,933	4,535	22,643	37,028	549	155,680	20,501	6,842
11 Ben Frankln Tech Ctr W PA	10,500	0	0	10,500	0	0	0	0	0	0	0	0
12 Carnegie Inst Washington	9,404	407	0	128	0	1,024	0	2,295	0	1,415	4,135	0
13 Concurrent Tech Corp	9,301	0	0	8,841	0	160	300	0	0	0	0	0
14 Natl Sr Ctzns Ed & Rsch	9,256	0	0	0	0	0	9,256	0	0	0	0	0
15 Natl Caucus Ctr Black Age	8,731	0	0	0	0	0	8,731	0	0	0	0	0
16 Jay David Gladstone Fdn	8,675	0	0	0	0	0	0	8,675	0	0	0	0
17 Am Col of Radiology	6,947	0	0	0	0	0	0	6,947	0	0	0	0
18 SC Research Authority	6,782	0	5,372	0	0	1,410	0	0	0	0	0	0
19 Natl Chld Theater for Env	6,478	0	0	0	0	0	6,478	0	0	0	0	0
20 Natl Asian Pac Ctr Aging	5,296	0	0	0	0	0	5,166	130	0	0	0	0
Total 1st 20 institutions	389,508	532	5,452	67,691	11,933	7,129	52,574	55,075	549	157,095	24,636	6,842
21 Am Soc Engineering Ed	5,121	0	0	4,547	0	302	0	0	0	50	222	0
22 Electric Power Research	4,889	0	0	0	0	4,489	150	0	0	0	0	250
23 Natl Assoc Hispanic Eldly	4,539	0	0	0	0	0	4,539	0	0	0	0	0
24 Missouri Botanical Garden	4,448	3,066	0	0	0	0	0	0	0	0	1,382	0
25 Western Cnsrtm Publc Hlth	4,399	0	0	0	0	0	0	4,399	0	0	0	0
26 Population Council	4,226	0	0	0	0	0	0	4,226	0	0	0	0
27 Natl Council on Aging	4,190	0	0	0	125	0	3,995	70	0	0	0	0
28 WV High Tech Cnsrtm	3,891	0	475	3,000	0	266	0	0	0	150	0	0
29 Harbor Branch Ocean Inst	3,881	0	29	1,225	0	0	0	0	0	0	2,627	0
30 Blood Ctr of Southeast WI	3,757	0	0	0	0	0	0	3,757	0	0	0	0
Total 1st 30 institutions	432,849	3,598	5,956	76,463	12,058	12,186	61,258	67,527	549	157,295	28,867	7,092
31 American Iron Steel Inst	3,200	0	0	75	0	3,125	0	0	0	0	0	0
32 Intl City Mgt Assc	3,200	0	0	0	0	0	3,200	0	0	0	0	0
33 Am Wtr Wrks Assn Rsch Fdn	3,188	0	0	0	0	0	3,068	0	120	0	0	0
34 Water Env Rsch Fdn	3,048	0	0	0	0	0	3,048	0	0	0	0	0
35 Koop Foundation, The	2,914	0	2,914	0	0	0	0	0	0	0	0	0
36 Partnershp Env Tech Ed	2,798	0	0	0	0	0	2,798	0	0	0	0	0
37 Emma Pendleton Bradley	2,781	0	0	0	0	0	0	2,781	0	0	0	0
38 Field Museum Natural Hist	2,770	0	0	0	0	0	0	0	0	40	2,730	0
39 Natl Hemophilia Fdn	2,636	0	0	0	0	0	0	2,636	0	0	0	0
40 Natl Ctr Genome Resources	2,538	0	0	0	0	2,538	0	0	0	0	0	0
Total 1st 40 institutions	461,922	3,598	8,870	76,538	12,058	17,849	73,372	72,944	669	157,335	31,597	7,092
41 Am Type Culture Col	2,499	0	0	0	0	0	37	1,729	0	0	733	0
42 Bernice P Bishop Museum	2,088	0	0	0	0	0	0	0	0	1,000	1,088	0
43 Qualty Ed for Minor Netwk	2,072	0	0	0	0	0	0	0	0	2,072	0	0
44 Hispanic Assc Col & U	1,844	828	0	0	0	0	0	16	0	1,000	0	0
45 Natl Ctr Appropriate Tech	1,799	1,300	0	0	0	499	0	0	0	0	0	0
46 John B Pierce Lab, Inc	1,793	0	0	0	0	0	0	1,793	0	0	0	0
47 Natl Safety Council	1,791	0	0	0	0	0	1,791	0	0	0	0	0
48 Merit Network, Inc	1,748	0	0	0	0	0	0	0	0	0	1,748	0
49 NSF International	1,700	0	0	0	0	0	1,700	0	0	0	0	0
50 Environmental Law Inst	1,683	0	0	0	0	0	1,683	0	0	0	0	0
Total 1st 50 institutions	480,939	5,726	8,870	76,538	12,058	18,348	78,583	76,482	669	161,407	35,166	7,092

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
51 Natl Sci Teachers Assc	1,634	0	0	0	0	0	569	0	0	1,065	0	0
52 Am Dental Assc for Hlth	1,621	0	0	0	0	0	0	1,621	0	0	0	0
53 Natl Urbn Air Txcs Rsch	1,611	0	0	0	0	0	1,611	0	0	0	0	0
54 NC Rgn Educational Lab	1,500	0	0	0	1,500	0	0	0	0	0	0	0
55 Pacific Region Ed Lab	1,500	0	0	0	1,500	0	0	0	0	0	0	0
56 Siouxland Heritage Mus	1,500	0	0	0	0	0	0	0	0	1,500	0	0
57 American Geophysicl Union	1,497	0	0	0	0	0	0	0	0	592	905	0
58 CA Assoc Rsch Astronomy	1,491	0	0	0	0	0	0	0	0	1,491	0	0
59 Ctr Tech Commercializatn	1,485	0	0	0	0	0	0	0	0	1,485	0	0
60 NY Botan Gard Inst Ecosys	1,473	1	0	0	0	0	0	0	0	30	1,442	0
Total 1st 60 institutions	496,251	5,727	8,870	76,538	15,058	18,348	80,763	78,103	669	167,570	37,513	7,092
61 Melwood Hort Training Ctr	1,452	0	0	0	0	0	0	0	0	1,452	0	0
62 Local Env Initiatives	1,357	0	0	0	0	0	1,357	0	0	0	0	0
63 Natl Assc of Counties	1,355	0	0	0	0	100	1,255	0	0	0	0	0
64 World Inst Disabil Rsch	1,354	0	0	0	1,354	0	0	0	0	0	0	0
65 Spring & Groundwater Inst	1,222	1,222	0	0	0	0	0	0	0	0	0	0
66 Assc American Railroads	1,212	0	0	0	0	0	0	0	0	0	0	1,212
67 Am Museum of Natl Hist	1,148	0	0	0	0	85	0	0	15	174	874	0
68 Doheny Eye Institute	1,141	0	0	0	0	0	0	1,141	0	0	0	0
69 World Resources Institute	1,111	0	0	0	0	0	1,111	0	0	0	0	0
70 Dvlpt Res Education in Am	1,091	0	0	0	0	0	0	1,091	0	0	0	0
Total 1st 70 institutions	508,694	6,949	8,870	76,538	16,412	18,533	84,486	80,335	684	169,196	38,387	8,304
71 Consumer Research Council	1,084	0	0	0	0	0	1,084	0	0	0	0	0
72 Assc Natl Person Mayor	1,081	0	0	0	0	0	1,081	0	0	0	0	0
73 Conf Radiatn Cntrl Drctrs	1,076	0	0	0	0	0	305	771	0	0	0	0
74 Marine Science Cnsrtm	1,059	0	1,059	0	0	0	0	0	0	0	0	0
75 US Cvln R&D Fdn Indep Sts	1,031	0	0	0	0	0	0	0	0	0	1,031	0
76 Mercy Foundation	1,008	0	0	0	0	0	0	1,008	0	0	0	0
77 Michigan Biotech Inst	1,000	0	0	0	0	0	1,000	0	0	0	0	0
78 Natl Cncl Crime & Delnqcy	982	0	0	0	0	0	0	0	0	0	0	982
79 Natl Cncl Juv Fam Crt Jdg	961	0	0	0	0	0	0	0	0	0	0	961
80 Am Assc Advancment Sci	950	0	0	0	0	6	680	0	0	237	27	0
Total 1st 80 institutions	518,926	6,949	9,929	76,538	16,412	18,539	88,636	82,114	684	169,433	39,445	10,247
81 St Terr Air Pltn Prgm Adm	949	0	0	0	0	0	949	0	0	0	0	0
82 American Forum, Inc	944	0	0	0	0	0	944	0	0	0	0	0
83 Alliance to Save Energy	925	0	0	0	0	755	170	0	0	0	0	0
84 Urban Energy & Trans Ctr	925	0	0	0	0	925	0	0	0	0	0	0
85 Acad Natural Sci Phila	916	0	15	0	0	0	268	0	12	0	621	0
86 Chestnut Health Systems	891	0	0	0	0	0	0	891	0	0	0	0
87 Self Reliance Foundation	865	0	0	0	0	825	40	0	0	0	0	0
88 Hawaii Sugar Planters	851	851	0	0	0	0	0	0	0	0	0	0
89 Lexington Center, Inc	849	0	0	0	849	0	0	0	0	0	0	0
90 Mississippi Resource Dev	847	0	0	847	0	0	0	0	0	0	0	0
Total 1st 90 institutions	527,888	7,800	9,944	77,385	17,261	21,044	91,007	83,005	696	169,433	40,066	10,247
91 American Lung Assoc	846	0	0	0	0	0	846	0	0	0	0	0
92 Space Science Institute	833	0	0	0	0	60	0	0	0	773	0	0
93 American Chemical Society	817	1	0	0	0	256	349	0	0	0	211	0
94 Natl Assc Home Builders	798	0	0	0	0	0	256	0	0	0	0	542
95 Natl Ctr Res Innovations	798	798	0	0	0	0	0	0	0	0	0	0
96 University Rsch Fdn	785	0	0	0	0	0	0	0	0	785	0	0
97 Illinois State Museum	783	0	650	0	0	0	0	0	133	0	0	0
98 Space Coast Ctr Ind Lvng	781	0	0	0	0	0	0	0	0	781	0	0
99 Intl Space University	775	0	0	0	0	0	0	0	0	775	0	0
100 Climate Institute	769	0	0	0	0	0	769	0	0	0	0	0
Total 1st 100 institutions	535,873	8,599	10,594	77,385	17,261	21,360	93,227	83,005	829	172,547	40,277	10,789

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
101 NE-Midwest Inst	751	0	0	0	0	216	500	0	0	0	0	35
102 Natl Assc Agencies Aging	750	0	0	0	0	0	0	750	0	0	0	0
103 Renewable Enrgy Cncl	749	0	0	0	0	749	0	0	0	0	0	0
104 National Governors Assc	743	0	0	0	0	0	738	5	0	0	0	0
105 United Cerebral Palsy	739	0	0	0	739	0	0	0	0	0	0	0
106 All End Child Lead Poison	719	0	0	0	0	0	719	0	0	0	0	0
107 Boys&Girls Club Am	700	0	0	0	0	0	0	0	0	0	0	700
108 Environmentl Defense Fund	700	0	0	0	0	0	700	0	0	0	0	0
109 Green Mt Inst Env Demcrcy	694	0	0	0	0	0	694	0	0	0	0	0
110 MA Fdn Exclnc Marine Poly	675	0	0	0	0	0	675	0	0	0	0	0
Total 1st 110 institutions	543,093	8,599	10,594	77,385	18,000	22,325	97,253	83,760	829	172,547	40,277	11,524
111 National Urban League	653	0	653	0	0	0	0	0	0	0	0	0
112 Fdn for Ed Innovation	650	0	650	0	0	0	0	0	0	0	0	0
113 Minneapolis Am Indian Ctr	650	0	650	0	0	0	0	0	0	0	0	0
114 Societal Inst of Math Sci	645	0	0	0	0	0	0	645	0	0	0	0
115 Am National Red Cross	638	0	0	638	0	0	0	0	0	0	0	0
116 Assoc Western U Inc	635	0	0	0	0	635	0	0	0	0	0	0
117 Natl Fdn for IPM Ed	600	0	0	0	0	0	600	0	0	0	0	0
118 Public/Private Ventures	600	0	0	0	0	0	0	100	0	0	0	500
119 Transcen, Inc	599	0	0	0	599	0	0	0	0	0	0	0
120 Rural Cmty Assistant Prgm	596	0	0	0	0	0	596	0	0	0	0	0
Total 1st 120 institutions	549,359	8,599	12,547	78,023	18,599	22,960	98,449	84,505	829	172,547	40,277	12,024
121 Women Work! Natl Ntwk	585	0	0	0	0	0	0	0	0	0	0	585
122 Alton Ochsner Med Fdn	575	0	0	0	0	0	0	575	0	0	0	0
123 Natl Indian Cncl Aging	573	0	0	0	0	0	0	130	0	0	443	0
124 Solar Enrgy Rsch & Ed Fdn	559	0	0	0	0	384	175	0	0	0	0	0
125 Am Meteorological Soc	557	0	30	20	0	0	0	0	0	397	110	0
126 Southeastern Library Ntwk	552	0	552	0	0	0	0	0	0	0	0	0
127 Home Builders Institute	543	0	0	0	0	0	47	0	0	0	0	496
128 Intl Inst Energy Csrvtn	532	0	0	0	0	0	532	0	0	0	0	0
129 JASON Fdn for Education	530	0	0	400	0	0	0	0	0	130	0	0
130 Alan Guttmacher Institute	527	0	0	0	0	0	0	527	0	0	0	0
Total 1st 130 institutions	554,892	8,599	13,129	78,443	18,599	23,344	99,203	85,737	829	173,074	40,830	13,105
131 Gordon Rsch Conferences	526	45	0	29	0	8	50	0	5	42	347	0
132 Paleontological Rsch Inst	521	0	0	0	0	0	0	0	0	0	521	0
133 Solid Waste Assoc of N Am	520	0	0	0	0	0	520	0	0	0	0	0
134 Natl Alliance St Sci Math	515	0	0	0	0	0	0	0	0	515	0	0
135 Am Cncl Enrgy-Effcnt Econ	500	0	0	0	0	41	459	0	0	0	0	0
136 American Farmland Trust	500	0	0	0	0	0	500	0	0	0	0	0
137 Asian Am Recovery Svs	500	0	0	0	0	0	0	500	0	0	0	0
138 Eisenhower Foundation	500	0	0	0	0	0	0	0	0	0	0	500
139 High Scope Ed Rsch Fdn	500	0	0	0	0	0	0	500	0	0	0	0
140 Matrix Research Institute	500	0	0	0	500	0	0	0	0	0	0	0
Total 1st 140 institutions	559,974	8,644	13,129	78,472	19,099	23,393	100,732	86,737	834	173,631	41,698	13,605
141 Our Town Family Center	500	0	0	0	0	0	0	0	0	0	0	500
142 Project OZ	500	0	0	0	0	0	0	0	0	0	0	500
143 Monmouth-Ocean Hosp Svc	498	0	498	0	0	0	0	0	0	0	0	0
144 Am Indian Opportunity	496	0	0	0	0	0	496	0	0	0	0	0
145 Child Development, Inc	493	0	0	0	0	0	0	493	0	0	0	0
146 Womens Treatment Ctr	493	0	0	0	0	0	0	493	0	0	0	0
147 Am Soc Civil Engineers	490	0	30	0	0	0	405	0	0	0	0	55
148 Inst for Responsible Mgt	489	0	0	0	0	0	489	0	0	0	0	0
149 Children's Village, The	486	0	0	0	0	0	0	0	0	0	0	486
150 Grp Hlth Coop Puget Sound	482	0	0	187	0	0	0	295	0	0	0	0
Total 1st 150 institutions	564,901	8,644	13,657	78,659	19,099	23,393	102,122	88,018	834	173,631	41,698	15,146

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
151 Aspen Institute	480	0	0	0	0	0	50	0	0	0	0	430
152 Ambulatory Sntl Prt Ntwk	477	0	0	0	0	0	0	477	0	0	0	0
153 Am Acad of Pediatrics	474	0	0	0	0	0	39	435	0	0	0	0
154 US Space Foundation	471	0	0	0	0	0	0	0	0	471	0	0
155 Inst Social Analysis Assc	468	0	0	0	0	0	0	468	0	0	0	0
156 St. Vincent Foundation	464	0	464	0	0	0	0	0	0	0	0	0
157 Cnsrtm Energy Efficiency	450	0	0	0	0	100	350	0	0	0	0	0
158 Natl Tribal Env Council	444	0	0	0	0	0	444	0	0	0	0	0
159 Ctr for Clean Air Policy	420	0	0	0	0	70	350	0	0	0	0	0
160 Acad Ed Development Inc	418	0	0	0	0	0	418	0	0	0	0	0
Total 1st 160 institutions	569,467	8,644	14,121	78,659	19,099	23,563	103,773	89,398	834	174,102	41,698	15,576
161 Inst of Gas Technology	414	0	0	0	0	414	0	0	0	0	0	0
162 Natl Conf State Bldg Code	407	0	367	0	0	0	40	0	0	0	0	0
163 Am Mathematical Society	406	0	0	0	0	0	0	0	0	0	406	0
164 Caracole, Inc	404	0	404	0	0	0	0	0	0	0	0	0
165 People to People Hlth Fdn	402	0	0	0	0	0	0	402	0	0	0	0
166 Cmty Trans Assc of Am	400	0	0	0	0	0	0	400	0	0	0	0
167 Natl Ctr Adv Technologies	400	0	0	400	0	0	0	0	0	0	0	0
168 Resource Development Inst	398	0	0	0	0	0	0	398	0	0	0	0
169 Biol Sci Curriculm Study	390	0	0	0	0	241	0	0	0	149	0	0
170 Natl Auto Tech Ed Fdn Inc	387	0	0	0	0	387	0	0	0	0	0	0
Total 1st 170 institutions	573,475	8,644	14,892	79,059	19,099	24,605	103,813	90,598	834	174,251	42,104	15,576
171 Am Assoc St Hwy&Trns Offc	380	0	0	0	0	0	0	0	0	0	0	380
172 Am Inst Chemical Eng	380	0	0	0	0	305	75	0	0	0	0	0
173 Am Soc Testing Materials	379	3	0	0	0	0	376	0	0	0	0	0
174 Community Connections	375	0	0	0	0	0	0	375	0	0	0	0
175 BSR Education Fund	368	0	0	0	0	0	368	0	0	0	0	0
176 Operation Par, Inc	365	0	0	0	0	0	0	365	0	0	0	0
177 Greater LA Cncl Deafness	356	0	356	0	0	0	0	0	0	0	0	0
178 Am Indian Sci & Eng Soc	350	0	0	0	0	0	350	0	0	0	0	0
179 Environmentors Project	350	0	0	0	0	0	350	0	0	0	0	0
180 Northeast Denver Hsng Ctr	350	0	0	0	0	0	350	0	0	0	0	0
Total 1st 180 institutions	577,128	8,647	15,248	79,059	19,099	24,910	105,682	91,338	834	174,251	42,104	15,956
181 Sci Comm Oceanic Rsch	340	0	0	0	0	0	0	0	0	0	340	0
182 Arapahoe House, Inc	335	0	0	0	0	0	0	335	0	0	0	0
183 Pathways to Housing, Inc	334	0	0	0	0	0	0	334	0	0	0	0
184 Air & Waste Mgt Assc	333	0	0	0	0	0	333	0	0	0	0	0
185 Arctic Rsch Cnsrtm of US	333	0	0	0	0	0	0	0	0	0	333	0
186 Regulatory Asstnc Prjt	330	0	0	0	0	250	80	0	0	0	0	0
187 Life Science Rsch Fdn	324	0	0	0	0	324	0	0	0	0	0	0
188 Natl Ctr Disability Svc	320	0	0	0	320	0	0	0	0	0	0	0
189 Village South, Inc	313	0	0	0	0	0	0	313	0	0	0	0
190 Monroe Co Long Term Care	309	0	0	0	0	0	0	309	0	0	0	0
Total 1st 190 institutions	580,399	8,647	15,248	79,059	19,419	25,484	106,095	92,629	834	174,251	42,777	15,956
191 Boley Ctrs Behavrl Hlth	302	0	0	0	0	0	0	302	0	0	0	0
192 CTRC Research Fdn	300	0	0	300	0	0	0	0	0	0	0	0
193 Cncl Jvnl Correctnl Admin	300	0	0	0	0	0	0	0	0	0	0	300
194 Natl Cncl Teachers Math	299	0	0	0	0	0	0	0	0	299	0	0
195 Phila Hlth Mgmt Corp	297	0	0	0	0	0	0	297	0	0	0	0
196 Puget Sound Blood Center	296	0	0	0	0	0	0	296	0	0	0	0
197 Am Soc Microbiology	293	0	0	0	0	278	0	0	0	0	15	0
198 Civil Eng Research Fdn	291	0	117	0	0	0	75	0	0	0	94	5
199 U Assoc Rsch & Ed Pathol	282	0	0	0	0	0	0	282	0	0	0	0
200 United Way	281	0	281	0	0	0	0	0	0	0	0	0
Total 1st 200 institutions	583,340	8,647	15,646	79,359	19,419	25,762	106,170	93,806	834	174,550	42,886	16,261

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
201 Natl Sci Center Fdn	280	0	0	0	0	0	0	0	0	0	0	280
202 Environmental Solutions	276	0	0	0	0	276	0	0	0	0	0	0
203 Natl Parent Tchrs Assoc	275	0	0	0	0	0	275	0	0	0	0	0
204 Universities Rsch Assc	275	0	0	0	0	0	0	0	0	260	15	0
205 NY Botanical Garden NY	273	0	0	0	0	0	0	0	0	0	273	0
206 L A City Mus Natr Hist	272	0	0	0	0	0	0	0	0	0	272	0
207 Assn of Amer Med Colleges	265	0	0	0	0	0	0	265	0	0	0	0
208 S George St Cmty Prtnshp	265	0	265	0	0	0	0	0	0	0	0	0
209 Geological Soc of America	256	0	0	0	0	0	0	0	25	0	231	0
210 Lincoln Prk Advisory Cncl	254	254	0	0	0	0	0	0	0	0	0	0
Total 1st 210 institutions	586,031	8,901	15,911	79,359	19,419	26,038	106,445	94,071	859	174,810	43,677	16,541
211 Bienvenidos Chld Ctr, Inc	250	0	0	0	0	0	0	250	0	0	0	0
212 Intst Shellfish Sanitatio	250	0	0	0	0	0	0	250	0	0	0	0
213 Natl Assc Minor Contract	250	0	0	0	0	0	250	0	0	0	0	0
214 Natl Cncl Independ Living	250	0	0	0	250	0	0	0	0	0	0	0
215 Natl Env Hlth Associate	250	0	0	0	0	0	250	0	0	0	0	0
216 Org NE/Clay Hill N End	250	0	0	0	0	0	250	0	0	0	0	0
217 Baltimore Urban League	249	0	0	0	0	249	0	0	0	0	0	0
218 Dosecc, Inc	249	0	0	0	0	0	0	0	0	0	249	0
219 MS River Basic Alliance	249	0	0	0	0	0	249	0	0	0	0	0
220 Juvenile Protection Assoc	248	0	0	0	0	0	0	248	0	0	0	0
Total 1st 220 institutions	588,526	8,901	15,911	79,359	19,669	26,287	107,444	94,819	859	174,810	43,926	16,541
221 Water for People	247	0	0	0	0	0	247	0	0	0	0	0
222 Houston Advanced Rsch	243	0	0	145	0	0	0	0	0	98	0	0
223 Cincinnati Mus Natr Hist	239	0	0	0	0	0	0	0	0	0	239	0
224 Yerber Buena Grdns Tech	239	0	239	0	0	0	0	0	0	0	0	0
225 Assoc Hlth Services Rsch	233	0	0	0	0	0	0	233	0	0	0	0
226 US Export Cncl Renew Engy	232	0	0	0	0	232	0	0	0	0	0	0
227 Committee for Auto Repair	230	0	0	0	0	0	230	0	0	0	0	0
228 Math Assc of America	229	0	0	0	229	0	0	0	0	0	0	0
229 Terrene Institute	227	0	0	0	0	0	227	0	0	0	0	0
230 Natl Test Pilot School	225	0	0	0	0	0	0	0	0	225	0	0
Total 1st 230 institutions	590,870	8,901	16,150	79,504	19,898	26,519	108,148	95,052	859	175,133	44,165	16,541
231 ARC, The	224	0	0	0	124	100	0	0	0	0	0	0
232 Biores Dvlpmnt&Consrv Pgm	222	0	0	222	0	0	0	0	0	0	0	0
233 Iowa Oncology Rsch Assc	222	0	0	0	0	0	0	222	0	0	0	0
234 Local Gvrnmnt Cmsn of CA	217	0	0	0	0	0	217	0	0	0	0	0
235 Renew America	215	0	0	0	0	75	140	0	0	0	0	0
236 Texas Citizen Fund	215	0	0	0	0	0	215	0	0	0	0	0
237 Marine Environ Sci Cnsrtm	214	0	0	0	0	0	0	0	0	0	214	0
238 Assoc State & Terr Hlth	210	0	0	0	0	0	210	0	0	0	0	0
239 Triangle Coaltn Sci&Tech	210	0	0	0	0	100	0	0	0	110	0	0
240 Menninger Foundation	209	0	0	209	0	0	0	0	0	0	0	0
Total 1st 240 institutions	593,028	8,901	16,150	79,935	20,022	26,794	108,930	95,274	859	175,243	44,379	16,541
241 Chesapeake Appreciation	207	0	0	0	0	0	207	0	0	0	0	0
242 Assoc Farmworker Opprtnty	206	0	0	0	0	0	206	0	0	0	0	0
243 ME Sci & Tech Fdn	205	0	0	0	0	0	0	0	0	205	0	0
244 Mi Casa Res Ctr for Women	205	0	0	0	0	0	0	0	0	0	0	205
245 Nontraditl Employ Women	205	0	0	0	0	0	0	0	0	0	0	205
246 USA Freed	204	0	0	0	0	0	204	0	0	0	0	0
247 Acadia Institute	202	0	0	0	0	0	0	0	0	0	202	0
248 Action Boston Cmty Dvlpmt	200	0	0	0	0	0	0	200	0	0	0	0
249 Am Public Welfare Assc	200	0	0	0	0	0	0	200	0	0	0	0
250 Brooklyn Perinatal Ntwk	200	0	0	0	0	0	0	200	0	0	0	0
Total 1st 250 institutions	595,062	8,901	16,150	79,935	20,022	26,794	109,547	95,874	859	175,448	44,581	16,951

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
251 CA Chld Care Res Rfr Ntwk	200	0	0	0	0	0	0	200	0	0	0	0
252 Chesapeake Rsch Cnsrtm	200	0	0	0	0	0	0	0	0	0	200	0
253 Fr Flanagan's Boys Home	200	0	0	0	0	0	0	200	0	0	0	0
254 Inst Cnsvtn Leadership	200	0	0	0	0	0	200	0	0	0	0	0
255 Intl Technology Ed Assoc	200	0	0	0	0	0	0	0	0	200	0	0
256 Natl Ctzn Cltn Nrsg Hm Rf	200	0	0	0	0	0	0	200	0	0	0	0
257 Natl Inst Environmtl Rnwl	200	0	0	0	0	200	0	0	0	0	0	0
258 Txclgy Exclnc Risk Assmnt	200	0	0	0	0	0	200	0	0	0	0	0
259 Wider Opportunities Women ...	200	0	0	0	0	0	0	0	0	0	0	200
260 Youth Build USA	200	0	0	0	0	0	0	0	0	0	0	200
Total 1st 260 institutions	597,062	8,901	16,150	79,935	20,022	26,994	109,947	96,474	859	175,648	44,781	17,351
261 SEATC Fdn Env Ed	198	0	0	0	0	0	198	0	0	0	0	0
262 Students Enrgy Effcnt Env	197	0	0	0	0	0	197	0	0	0	0	0
263 Watershed Management Inst ..	194	0	0	0	0	0	194	0	0	0	0	0
264 Habitat SW Humanity Intl	193	0	0	0	0	0	193	0	0	0	0	0
265 Kawerak, Inc	190	0	0	0	0	0	0	0	190	0	0	0
266 Pac Inst Stud Dev Env Sec	190	0	0	0	0	0	190	0	0	0	0	0
267 Am Astronomical Society	189	0	0	0	0	0	0	0	0	105	84	0
268 Energy Efcnt Bldg Assoc	185	0	0	0	0	0	185	0	0	0	0	0
269 Mid-America Assist Cltn	184	0	184	0	0	0	0	0	0	0	0	0
270 Very Special Arts MA, Inc	183	0	183	0	0	0	0	0	0	0	0	0
Total 1st 270 institutions	598,965	8,901	16,517	79,935	20,022	26,994	111,104	96,474	1,049	175,753	44,865	17,351
271 Natl Recycling Cltn	182	0	0	0	0	0	182	0	0	0	0	0
272 Water Env Federation	182	0	0	0	0	0	182	0	0	0	0	0
273 Natl Cncl Negro Wmn (DC)	181	0	0	0	0	0	170	0	0	0	0	11
274 Sustainbl Ecosystems Inst	181	181	0	0	0	0	0	0	0	0	0	0
275 Eiger Institute, Inc	180	0	0	0	0	0	180	0	0	0	0	0
276 Natl Assoc Local Govt Env	180	0	0	0	0	0	180	0	0	0	0	0
277 Natl Assoc Phys Env	180	0	0	0	0	0	180	0	0	0	0	0
278 Chicago Acad of Sci	176	0	0	0	0	0	0	0	0	176	0	0
279 Inst Elec & Electron Eng	176	0	0	25	0	63	0	0	0	12	76	0
280 DE Ctr for Inland Boys	175	0	0	0	0	0	175	0	0	0	0	0
Total 1st 280 institutions	600,758	9,082	16,517	79,960	20,022	27,057	112,353	96,474	1,049	175,941	44,941	17,362
281 Natl Sr Citizen Law Ctr	175	0	0	0	0	0	0	175	0	0	0	0
282 Oregon Museum Sci Indstry	175	0	0	0	0	0	0	175	0	0	0	0
283 Surface Trans Plcy Prjct	175	0	0	0	0	0	175	0	0	0	0	0
284 Initiav Cmptve Inner City	170	0	0	0	0	0	0	0	0	0	0	170
285 Natl Radiatn Protect Meas	169	0	0	50	0	0	89	0	0	30	0	0
286 American Bar Association	168	0	0	0	0	18	0	150	0	0	0	0
287 CA U Rsch Earthquake Eng	167	0	0	0	0	0	0	0	58	0	109	0
288 CSO Partnership, The	166	0	0	0	0	0	166	0	0	0	0	0
289 Bicycle Federation of Am	165	0	0	0	0	0	165	0	0	0	0	0
290 Assoc Svc & Cnsrvtn Corps	163	0	0	0	0	0	163	0	0	0	0	0
Total 1st 290 institutions	602,451	9,082	16,517	80,010	20,022	27,075	113,111	96,974	1,107	175,971	45,050	17,532
291 Young Astronaut Council	162	0	0	0	0	0	0	0	0	162	0	0
292 Affordable Comfort	160	0	0	0	0	35	125	0	0	0	0	0
293 Assoc Cnty Cty Hlth Offcl	160	0	0	0	0	0	160	0	0	0	0	0
294 Cncl of State Governments	158	0	0	0	0	0	158	0	0	0	0	0
295 Global Green	158	0	0	0	0	0	158	0	0	0	0	0
296 Gulf of Mexico Foundation	158	0	0	0	0	0	158	0	0	0	0	0
297 Groundwater Fdn, The	155	0	0	0	0	0	155	0	0	0	0	0
298 Valley Zoological Society	155	0	155	0	0	0	0	0	0	0	0	0
299 Dayton Foundation, The	154	0	0	154	0	0	0	0	0	0	0	0
300 Am Sociological Assc	152	0	0	0	0	0	0	0	0	0	152	0
Total 1st 300 institutions	604,023	9,082	16,672	80,164	20,022	27,110	114,025	96,974	1,107	176,133	45,202	17,532

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
301 WA Ctr Internshps & Acad	152	0	0	0	0	0	152	0	0	0	0	0
302 Assoc Metro Sewerage Ags	150	0	0	0	0	0	150	0	0	0	0	0
303 Bazelon Ctr Mntl Hlth Law	150	0	0	0	0	0	0	150	0	0	0	0
304 Cmty Dvlpmt Training Inst	150	0	0	0	0	0	0	0	0	0	0	150
305 Ctr Social Gerontology	150	0	0	0	0	0	0	150	0	0	0	0
306 Ctr for Neighborhood Tech	150	0	0	0	0	0	150	0	0	0	0	0
307 Hzrdous Mat Trg Rsch Inst	150	0	0	0	0	0	150	0	0	0	0	0
308 League of Women Voters	150	0	0	0	0	0	150	0	0	0	0	0
309 Maui Econ Dev Board	150	0	0	150	0	0	0	0	0	0	0	0
310 Natl Allnc End Hmlessness	150	0	0	0	0	0	0	0	0	0	0	150
Total 1st 310 institutions	605,525	9,082	16,672	80,314	20,022	27,110	114,777	97,274	1,107	176,133	45,202	17,832
311 Prnts Help Prnts San Fran	150	0	0	0	0	0	0	150	0	0	0	0
312 Mntl Hlth Assn of Houston	148	0	0	0	0	0	0	148	0	0	0	0
313 Cmty Actn Agcy Somerville	147	0	0	0	0	0	147	0	0	0	0	0
314 Eastern ME Dvlpmt Corp	145	0	145	0	0	0	0	0	0	0	0	0
315 North Am Lake Mgt Soc	145	0	0	0	0	0	145	0	0	0	0	0
316 Natl Env Ed & Trng Fdn	143	0	0	0	0	0	143	0	0	0	0	0
317 Natl Inst of Bldg Science	142	0	0	90	0	0	0	0	52	0	0	0
318 OR Environmental Council	141	0	0	0	0	0	141	0	0	0	0	0
319 Concern, Inc	140	0	0	0	0	0	140	0	0	0	0	0
320 Ecological Soc of America	140	0	0	0	0	0	75	0	15	50	0	0
Total 1st 320 institutions	606,966	9,082	16,817	80,404	20,022	27,110	115,568	97,572	1,174	176,183	45,202	17,832
321 Rnwbl Enrgy & Efncy Trng	140	0	0	0	0	0	140	0	0	0	0	0
322 Govt Finance Ofcrs Assoc	138	0	0	0	0	0	138	0	0	0	0	0
323 Am Fisheries Society	135	0	20	0	0	0	105	0	10	0	0	0
324 Natl Acad Public Admin	135	0	0	0	0	49	0	0	0	86	0	0
325 Soc Applied Anthropology	135	0	0	0	0	0	135	0	0	0	0	0
326 Energy Rated Homes Amer	134	0	0	0	0	0	134	0	0	0	0	0
327 Global Env & Trade Study	134	0	0	0	0	0	45	0	0	89	0	0
328 Mountain States Group	134	0	0	0	0	0	0	134	0	0	0	0
329 United Fam Chld Mntl Hlth	134	0	0	0	0	0	0	134	0	0	0	0
330 Assoc State Enrgy Offcls	132	0	0	0	0	0	132	0	0	0	0	0
Total 1st 330 institutions	608,317	9,082	16,837	80,404	20,022	27,159	116,397	97,840	1,184	176,358	45,202	17,832
331 KY Rural Telecom Ctr, Inc	130	0	130	0	0	0	0	0	0	0	0	0
332 National Arbor Day Fdn	128	0	0	0	0	0	128	0	0	0	0	0
333 Mortgage Bankers Assc	127	0	0	0	0	0	0	0	0	0	0	127
334 Am Speech Lang&Hearng	125	0	0	0	125	0	0	0	0	0	0	0
335 Center for Housing Policy	125	0	0	0	0	0	0	0	0	0	0	125
336 Human Svcs Associates	125	0	0	0	0	0	0	0	0	0	0	125
337 Through the Looking Glass	125	0	0	0	125	0	0	0	0	0	0	0
338 American Inst Physics	122	0	0	0	0	0	0	0	0	0	122	0
339 CA Academy of Sciences	122	0	0	0	0	0	0	0	0	0	122	0
340 United Engineering Trusts	121	0	0	0	0	0	0	0	0	0	121	0
Total 1st 340 institutions	609,567	9,082	16,967	80,404	20,272	27,159	116,525	97,840	1,184	176,358	45,567	18,209
341 Aerospace States Assn	120	0	0	0	0	0	0	0	0	120	0	0
342 Inst Study Learning Exper	120	0	0	120	0	0	0	0	0	0	0	0
343 S MS Legal Svcs Corp	120	0	0	0	0	0	0	120	0	0	0	0
344 Am Acad of Arts & Sci	117	0	0	0	0	0	0	0	0	0	117	0
345 Soc of American Forests	115	0	0	0	0	0	115	0	0	0	0	0
346 Barrow Artic Sci Cnsrtm	114	0	0	0	0	0	0	0	0	0	114	0
347 Environmental Careers Org	114	0	0	0	0	0	0	0	114	0	0	0
348 Cincinnati Hlth Network	113	0	0	0	0	0	0	0	0	0	0	113
349 Cath Charities Diocese Tr	110	0	0	0	0	0	0	110	0	0	0	0
350 Friends of Lincoln Park	110	110	0	0	0	0	0	0	0	0	0	0
Total 1st 350 institutions	610,720	9,192	16,967	80,524	20,272	27,159	116,640	98,070	1,298	176,478	45,798	18,322

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
351 Haudenosaunee Env Tsk Frc	110	0	0	0	0	0	110	0	0	0	0	0
352 Natl Consumer Law Inc	110	0	0	0	0	0	0	110	0	0	0	0
353 Senior Env Corps Inst	110	0	0	0	0	0	110	0	0	0	0	0
354 Student Conservatn Assoc	108	0	0	20	0	0	0	0	88	0	0	0
355 Portals House, Inc	107	0	0	0	0	0	0	107	0	0	0	0
356 VT Energy Investment Corp	104	0	0	0	0	0	104	0	0	0	0	0
357 KS Legal Svcs, Inc	103	0	0	0	0	0	0	103	0	0	0	0
358 Cambridge Med Care Fdn	102	0	102	0	0	0	0	0	0	0	0	0
359 Appropriate Tech Intl	101	0	0	0	0	27	74	0	0	0	0	0
360 Am Assc Cmty & Jr Col	100	0	0	0	0	0	0	0	0	0	0	100
Total 1st 360 institutions	611,775	9,192	17,069	80,544	20,272	27,186	117,038	98,390	1,386	176,478	45,798	18,422
361 American Economic Assc	100	0	0	0	0	0	0	0	0	0	100	0
362 American Forestry Assoc	100	0	0	0	0	100	0	0	0	0	0	0
363 Birmingham Env Clrnghouse	100	0	0	0	0	0	100	0	0	0	0	0
364 Florida Children's Forum	100	0	0	0	0	0	0	100	0	0	0	0
365 Forensic Advocacy Cltn	100	0	0	0	0	0	0	100	0	0	0	0
366 Keystone Center	100	0	0	100	0	0	0	0	0	0	0	0
367 Korean Yth & Cmty Ctr	100	0	0	0	0	0	100	0	0	0	0	0
368 LA Env Justice Project	100	0	0	0	0	0	100	0	0	0	0	0
369 Legal Aid Soc of HI	100	0	0	0	0	0	0	100	0	0	0	0
370 Natl Trpcl Botanical Grdn	100	0	0	0	0	0	0	0	0	0	100	0
Total 1st 370 institutions	612,775	9,192	17,069	80,644	20,272	27,286	117,338	98,690	1,386	176,478	45,998	18,422
371 Space Frontier Foundation	100	0	0	0	0	0	0	0	0	100	0	0
372 Hlth Enhancement Rsch Org	99	0	0	0	0	0	0	0	0	99	0	0
373 Legal Svcs Corp of Iowa	99	0	0	0	0	0	0	99	0	0	0	0
374 National Technical Assn	98	0	0	0	0	0	0	0	0	98	0	0
375 Sixtnth St Cmty Hlth Ctr	98	0	0	0	0	0	98	0	0	0	0	0
376 Alaska Federation Natives	97	0	0	0	0	0	0	0	0	0	97	0
377 Inst Rsch & Tech Asstnc	97	0	0	0	0	0	97	0	0	0	0	0
378 Northwest Justice Project	97	0	0	0	0	0	0	97	0	0	0	0
379 Raising Hisp Acad Achvmnt	97	0	0	0	0	0	0	0	0	97	0	0
380 Atlanta Legal Aid Society	96	0	0	0	0	0	0	96	0	0	0	0
Total 1st 380 institutions	613,753	9,192	17,069	80,644	20,272	27,286	117,533	98,982	1,386	176,872	46,095	18,422
381 Ctrl US Earthquake Cnstrm	96	0	0	0	0	0	0	0	96	0	0	0
382 National FFA Organization	95	25	0	0	0	0	70	0	0	0	0	0
383 Groundwater Prtctn Cncl	94	0	0	0	0	0	94	0	0	0	0	0
384 Inter-Tribal Cncl of CA	94	0	0	0	0	0	94	0	0	0	0	0
385 Androscoggin Vly Cncl Gov	93	0	0	0	0	0	93	0	0	0	0	0
386 Assoc Asian Pac Cmty Hlth	93	0	0	0	0	0	93	0	0	0	0	0
387 Peabody Fdn Archaeology	93	0	0	0	0	0	0	0	0	0	93	0
388 Citizens Better Environmt	91	0	0	0	0	0	91	0	0	0	0	0
389 Elder Law of MI, Inc	90	0	0	0	0	0	0	90	0	0	0	0
390 Hydrolic Research Ctr	90	0	0	0	0	0	0	0	0	90	0	0
Total 1st 390 institutions	614,682	9,217	17,069	80,644	20,272	27,286	118,068	99,072	1,482	176,962	46,188	18,422
391 Legl Svcs for the Elderly	90	0	0	0	0	0	0	90	0	0	0	0
392 New Mexico Mesa Inc	90	0	0	0	0	0	0	0	0	90	0	0
393 Am Cncl Learned Societies	89	0	0	0	0	0	0	0	0	0	89	0
394 Tiger Sci Education Fdn	89	0	0	0	0	89	0	0	0	0	0	0
395 Soc of Gen Internal Med	88	0	0	0	0	0	0	88	0	0	0	0
396 Inst Sustainable Cmnts	86	0	0	0	0	0	86	0	0	0	0	0
397 Inst Independent Ed	85	0	0	0	0	0	0	0	0	0	85	0
398 Elizabeth River Project	82	0	0	0	0	0	82	0	0	0	0	0
399 Home Enrgy Rtngs Sys Cncl	82	0	0	0	0	0	82	0	0	0	0	0
400 Hastings Center, The	81	0	0	0	0	0	0	0	0	0	81	0
Total 1st 400 institutions	615,544	9,217	17,069	80,644	20,272	27,375	118,318	99,250	1,482	177,052	46,443	18,422

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
401 Watershed Rsch&Trng Ctr	81	81	0	0	0	0	0	0	0	0	0	0
402 Am Assc of Engineers	80	0	0	0	0	0	0	0	0	0	80	0
403 Ctr Env Plcy Econ & Sci	80	0	0	0	0	0	80	0	0	0	0	0
404 Empwrmt Zns Entprs Cmtys	80	0	0	0	0	0	0	80	0	0	0	0
405 Nonprofit Initiative, Inc	80	0	0	0	0	0	0	0	0	80	0	0
406 Tacoma Urban League	80	0	0	0	0	0	80	0	0	0	0	0
407 Southcentral Foundation	78	0	0	0	0	0	0	78	0	0	0	0
408 Enterprise Dvlpmt Inc	76	0	0	0	0	0	0	0	0	76	0	0
409 The Life Link	76	0	0	0	0	0	0	76	0	0	0	0
410 Am Statistical Assc	75	55	0	0	0	0	0	0	0	0	20	0
Total 1st 410 institutions	616,330	9,353	17,069	80,644	20,272	27,375	118,478	99,484	1,482	177,208	46,543	18,422
411 Assoc Water Pltn Control	75	0	0	0	0	0	75	0	0	0	0	0
412 Env Allnc Senior Invlvmnt	75	0	0	0	0	0	75	0	0	0	0	0
413 Inst Local Self Reliance	75	0	0	0	0	0	75	0	0	0	0	0
414 League Amer Wheelmen, Inc	75	0	0	0	0	0	75	0	0	0	0	0
415 Natl Actn Cncl Minorities	75	0	0	0	0	0	0	0	0	0	75	0
416 Optical Soc of America	75	0	0	65	0	0	0	0	0	0	10	0
417 Small Manufacturers Assoc	75	0	0	0	0	0	75	0	0	0	0	0
418 March of Dimes	73	0	0	73	0	0	0	0	0	0	0	0
419 Urban Family Institute	73	0	0	0	0	0	0	0	0	0	0	73
420 Cmty Hlth & Education Svc	70	0	0	0	0	0	70	0	0	0	0	0
Total 1st 420 institutions	617,071	9,353	17,069	80,782	20,272	27,375	118,923	99,484	1,482	177,208	46,628	18,495
421 Harlem Hospital Center	70	0	0	0	0	0	0	70	0	0	0	0
422 Natl Assc Conservation	70	0	0	0	0	0	70	0	0	0	0	0
423 Am Assc Immunologists	69	0	0	0	0	0	0	69	0	0	0	0
424 Pacific Basin Dev Council	69	0	69	0	0	0	0	0	0	0	0	0
425 Rensselaerville Institute	69	0	0	0	0	0	69	0	0	0	0	0
426 NJ Cmty Development Corp	67	0	0	0	0	0	67	0	0	0	0	0
427 Adler Planetarium	65	0	0	0	0	0	0	0	0	65	0	0
428 Natl Youth Employmnt Cltn	65	0	0	0	0	0	0	0	0	0	0	65
429 Easter Seal Soc of Oregon	64	0	0	0	0	0	0	64	0	0	0	0
430 Global Action Plan Earth	63	0	0	0	0	0	63	0	0	0	0	0
Total 1st 430 institutions	617,742	9,353	17,138	80,782	20,272	27,375	119,192	99,687	1,482	177,273	46,628	18,560
431 Metropolitan Family Svcs	62	0	0	0	0	0	0	62	0	0	0	0
432 Louis Jeffrsn Cnties Cmty	61	0	0	0	0	0	0	61	0	0	0	0
433 Visiting Nurse Assn of DE	61	0	0	0	0	0	0	61	0	0	0	0
434 Am Solar Energy Society	60	0	0	0	0	60	0	0	0	0	0	0
435 Gulf Coast Cmty Care	60	0	0	0	0	0	0	60	0	0	0	0
436 Lmbrjck Res Cnsrvtn Dev	60	60	0	0	0	0	0	0	0	0	0	0
437 Los Angeles Cnsrvtn Corps	60	0	0	0	0	0	60	0	0	0	0	0
438 Conference Board Math Sci	59	0	0	0	0	0	0	0	0	0	59	0
439 Ctr for Cmty Alternatives	59	0	0	0	0	0	0	0	0	0	0	59
440 Mineralogical Soc of Am	58	0	0	0	0	0	0	0	0	0	58	0
Total 1st 440 institutions	618,342	9,413	17,138	80,782	20,272	27,435	119,252	99,931	1,482	177,273	46,745	18,619
441 Fed Am Soc Exper Biol	57	0	0	0	0	14	0	0	0	0	43	0
442 New England Aquarium Corp	56	0	0	56	0	0	0	0	0	0	0	0
443 Visiting Nurse Svc NY	55	0	0	0	0	0	0	55	0	0	0	0
444 Adopt-A-Watershed	54	0	0	0	0	0	54	0	0	0	0	0
445 Gloucester Fshmn Wives	54	0	54	0	0	0	0	0	0	0	0	0
446 Harvard Pilgrim Hlth Care	53	0	0	0	0	0	0	53	0	0	0	0
447 Mntl Hlth Assn Tarrant	53	0	0	0	0	0	0	53	0	0	0	0
448 Natl Assn Partners in Ed	53	0	0	0	0	0	0	0	0	53	0	0
449 Parsons Chld&Fam Hlth Ctr	53	0	0	0	0	0	0	53	0	0	0	0
450 Soc Automotive Engineers	52	0	0	0	0	0	39	0	0	0	13	0
Total 1st 450 institutions	618,882	9,413	17,192	80,838	20,272	27,449	119,345	100,145	1,482	177,326	46,801	18,619

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
451 Assoc State Wetland Mgrs	50	0	0	0	0	0	50	0	0	0	0	0
452 Calstart, Inc	50	0	0	0	0	0	50	0	0	0	0	0
453 Ctr Excllnc Evltnry Cmptn	50	0	50	0	0	0	0	0	0	0	0	0
454 Digital Clubhouse Ntwk	50	0	0	0	0	0	0	0	0	50	0	0
455 ETV Endowment of SC	50	50	0	0	0	0	0	0	0	0	0	0
456 Jobs and Env Campaign Inc	50	0	0	0	0	0	50	0	0	0	0	0
457 Natl Assoc Reg Util Comms	50	0	0	0	0	0	50	0	0	0	0	0
458 Natl Cnfc Black Mayor	50	0	0	0	0	0	50	0	0	0	0	0
459 Rad Tech Comm Aerontcs	50	0	0	0	0	0	0	0	0	50	0	0
460 Regional Plan Association	50	0	0	0	0	0	0	0	0	0	0	50
Total 1st 460 institutions	619,382	9,463	17,242	80,838	20,272	27,449	119,595	100,145	1,482	177,426	46,801	18,669
461 Tomas Rivera Plcy Inst	50	0	0	0	0	0	0	0	0	0	0	50
462 Winrock International	50	0	0	0	0	0	50	0	0	0	0	0
463 Am Soc Cell Biology	49	0	0	49	0	0	0	0	0	0	0	0
464 Fair Housing Institute	49	0	0	0	0	0	0	0	0	0	0	49
465 Lincoln Inst Land Policy	49	0	0	0	0	0	0	0	0	0	0	49
466 Assc Rsch Vision Ophthal	48	0	0	0	0	0	0	48	0	0	0	0
467 Living at Home	48	0	0	0	0	0	0	48	0	0	0	0
468 Hist of Science Society	46	0	0	0	0	0	0	0	0	0	46	0
469 Am Physiological Society	45	0	0	0	0	0	0	0	0	0	45	0
470 Natl Indian Telecom Inst	45	0	0	0	0	0	0	0	0	45	0	0
Total 1st 470 institutions	619,861	9,463	17,242	80,887	20,272	27,449	119,645	100,241	1,482	177,471	46,892	18,817
471 Soc for Adv Wmn Hlth Rsch	45	0	0	0	0	0	0	45	0	0	0	0
472 Urban Land Institute	45	0	0	0	0	0	45	0	0	0	0	0
473 Inc Rabanal Small Farmers	44	0	0	0	0	0	44	0	0	0	0	0
474 Coral Reef Research Fdn	43	0	0	0	0	0	0	0	0	0	43	0
475 IISME(Ind Ini Sci&Mth Ed)	43	0	0	0	0	0	0	0	0	43	0	0
476 American Inst Architects	42	0	0	9	0	0	33	0	0	0	0	0
477 Ecology Action, Inc	41	0	0	0	0	0	41	0	0	0	0	0
478 Env Asmnt Ed Fdn	40	0	0	0	0	0	40	0	0	0	0	0
479 Intl Soc Optical Eng	40	0	0	20	0	0	0	0	0	0	0	20
480 Midtown Educational Fdn	40	0	0	0	0	0	0	0	0	40	0	0
Total 1st 480 institutions	620,284	9,463	17,242	80,916	20,272	27,449	119,848	100,286	1,482	177,554	46,935	18,837
481 Natl Assoc Twns & Twnshps	40	0	0	0	0	0	40	0	0	0	0	0
482 Natl Urban Fellows	40	0	0	0	0	0	0	0	0	0	0	40
483 Project Concern Intl	40	0	0	0	0	0	40	0	0	0	0	0
484 San Diego Natr Hist Mus	40	0	0	0	0	0	40	0	0	0	0	0
485 Soc Petroleum Engineers	40	0	0	0	0	0	40	0	0	0	0	0
486 Southwestern Env Ed Exchg	40	0	0	0	0	0	40	0	0	0	0	0
487 NM Museum of Natr Hist	38	0	0	0	0	0	0	0	0	38	0	0
488 Waste Watch Center, The	38	0	0	0	0	0	38	0	0	0	0	0
489 Earth Images Foundation	36	0	0	0	0	0	0	0	0	0	36	0
490 Council Am Bldg Officials	34	0	0	0	0	0	34	0	0	0	0	0
Total 1st 490 institutions	620,670	9,463	17,242	80,916	20,272	27,449	120,120	100,286	1,482	177,592	46,971	18,877
491 KY River Foothills Dev	34	0	0	0	0	0	0	34	0	0	0	0
492 Natl Tech Tranfer Center	34	0	0	0	0	0	0	0	0	34	0	0
493 Senior Neighbors Chattnga	34	0	0	0	0	0	0	34	0	0	0	0
494 Fam Hlth Cncl of Ctrl PA	33	0	0	0	0	0	0	33	0	0	0	0
495 Soc Hispanic Prof Eng CA	33	0	0	0	0	0	0	0	0	33	0	0
496 Georgia Environmental Org	32	0	0	0	0	0	32	0	0	0	0	0
497 German-Am Acad Cncl Fdn	32	0	0	0	0	0	0	0	0	0	32	0
498 Cncl Alch Drg Abuse NW LA	31	0	0	0	0	0	0	0	0	0	0	31
499 Amer Political Sci Assoc	30	0	0	0	0	0	0	0	0	0	30	0
500 Assc Women Mathematics	30	0	0	0	0	0	0	0	0	0	30	0
Total 1st 500 institutions	620,993	9,463	17,242	80,916	20,272	27,449	120,152	100,387	1,482	177,659	47,063	18,908

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
501 Center for Resource Mgt	30	0	0	0	0	0	30	0	0	0	0	0
502 Ctr for Intl Env Law	30	0	0	0	0	0	30	0	0	0	0	0
503 Friends of the Earth	30	0	0	0	0	0	30	0	0	0	0	0
504 Materials Research Soc	30	0	0	5	0	0	0	0	0	0	25	0
505 Organic Farming Rsch Fdn	30	0	0	0	0	0	30	0	0	0	0	0
506 Charles Vlt Riley Mem Fdn	29	29	0	0	0	0	0	0	0	0	0	0
507 Am Psychological Society	28	0	0	0	0	0	0	0	0	0	28	0
508 Kystn Symp Molec Cell Bio	28	0	0	0	0	0	0	0	0	0	28	0
509 Soc Ecological Restoratn	28	28	0	0	0	0	0	0	0	0	0	0
510 Desert Botanical Garden	27	27	0	0	0	0	0	0	0	0	0	0
Total 1st 510 institutions	621,283	9,547	17,242	80,921	20,272	27,449	120,272	100,387	1,482	177,659	47,144	18,908
511 Princeton U Press	27	0	0	0	0	0	0	0	0	0	27	0
512 Crow Valley Livestock	26	26	0	0	0	0	0	0	0	0	0	0
513 GA Trust Historic Prsvtn	25	0	0	0	0	0	0	0	25	0	0	0
514 Intl Soc Exposure Anlysis	25	0	0	0	0	0	25	0	0	0	0	0
515 Maryland Public TV	25	0	0	0	0	25	0	0	0	0	0	0
516 Midwest Bus Grp on Hlth	25	0	0	0	0	0	0	25	0	0	0	0
517 Partners for Livable Cmty	25	0	0	0	0	0	0	0	0	0	0	25
518 Snta Barbara Maritime Mus	25	0	25	0	0	0	0	0	0	0	0	0
519 Water Education Fdn	25	0	0	0	0	0	25	0	0	0	0	0
520 Wildlife Habitat Council	25	0	0	0	0	0	25	0	0	0	0	0
Total 1st 520 institutions	621,536	9,573	17,267	80,921	20,272	27,474	120,347	100,412	1,507	177,659	47,171	18,933
521 Intuit Crcmplr Conf AK	24	0	0	0	0	0	0	0	24	0	0	0
522 United Negro College Fund	23	0	0	0	0	23	0	0	0	0	0	0
523 Mathcounts Foundation	22	0	0	0	0	0	0	0	0	22	0	0
524 Forest Products Society	21	21	0	0	0	0	0	0	0	0	0	0
525 Am Soc Biochem&Molec Bio	20	0	0	0	0	0	0	0	0	0	20	0
526 Assc Physical Sys Math	20	0	0	0	0	0	0	0	0	20	0	0
527 Assoc Unmand Vehicle Sys	20	0	0	20	0	0	0	0	0	0	0	0
528 Earthwatch Expeditions	20	0	0	0	0	0	0	0	20	0	0	0
529 Ecosystem Recovery Inst	20	0	0	0	0	0	20	0	0	0	0	0
530 Inst for Bird Populations	20	0	0	0	0	0	0	0	20	0	0	0
Total 1st 530 institutions	621,746	9,594	17,267	80,941	20,272	27,497	120,367	100,412	1,571	177,701	47,191	18,933
531 Izaak Walton League Am	20	0	0	0	0	0	20	0	0	0	0	0
532 Marine Env Ed Fdn, Inc	20	0	0	0	0	0	20	0	0	0	0	0
533 Natl Assc Corrosion Eng	20	0	0	20	0	0	0	0	0	0	0	0
534 Pension Rights Center	20	0	0	0	0	0	0	20	0	0	0	0
535 SW Rsch & Info Ctr	20	0	0	0	0	0	20	0	0	0	0	0
536 Seacoast Anti-Polltn Lgue	20	0	0	0	0	0	20	0	0	0	0	0
537 W Wilson Intl Ctr Scholar	19	0	0	0	0	0	0	0	0	0	19	0
538 Land Ethics Workshop, The	18	0	0	0	0	0	18	0	0	0	0	0
539 Learning Network Fdn	18	0	0	0	0	0	0	0	0	0	18	0
540 Metropolitan Energy Ctr	16	0	0	0	0	16	0	0	0	0	0	0
Total 1st 540 institutions	621,937	9,594	17,267	80,961	20,272	27,513	120,465	100,432	1,571	177,701	47,228	18,933
541 Allina Health System	15	0	0	0	0	0	0	15	0	0	0	0
542 Colorado Bird Observatory	15	0	0	0	0	0	15	0	0	0	0	0
543 Denver Art Museum	15	0	0	0	0	0	0	0	0	0	15	0
544 Global River Env Ed	15	0	0	0	0	0	15	0	0	0	0	0
545 MA Fdn for Humanities	15	0	0	0	0	0	0	0	0	0	15	0
546 Mineral Metals Mat Soc	15	0	0	5	0	0	0	0	0	0	10	0
547 NY Academy of Science	15	0	0	0	0	0	0	0	0	0	15	0
548 Natl Cltn Adv Mnfctrng	15	0	15	0	0	0	0	0	0	0	0	0
549 Natl Space Society	15	0	0	0	0	0	0	0	0	15	0	0
550 Soc Sedimentry Geologists	15	0	0	0	0	0	0	0	0	0	15	0
Total 1st 550 institutions	622,087	9,594	17,282	80,966	20,272	27,513	120,495	100,447	1,571	177,716	47,298	18,933

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

Table B-30. Federal obligations for science and engineering research and development and R&D plant to other independent nonprofit institutions, ranked by total amount received, by agency: fiscal year 1997

[Dollars in thousands]

Institution and ranking	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	Int	NASA	NSF	Other [1]
551 Am Physical Society	14	0	0	0	0	0	0	0	0	0	14	0
552 Interface Fdn of North Am	14	0	0	0	0	0	0	0	0	0	14	0
553 Oceanic Society	13	0	0	13	0	0	0	0	0	0	0	0
554 Recording for the Blind	13	0	0	0	0	0	0	0	0	0	13	0
555 Ohio Agricultural R&D Ctr	12	12	0	0	0	0	0	0	0	0	0	0
556 Pacific Cetacean Group	12	12	0	0	0	0	0	0	0	0	0	0
557 Soc General Physiologists	12	0	0	0	0	0	0	0	0	0	12	0
558 CA Advocates Nrsg Hm Ref	11	0	0	0	0	0	0	11	0	0	0	0
559 Computer Prof Social Resp	11	0	0	0	0	0	0	0	0	0	11	0
560 Legal Services for NYC	11	0	0	0	0	0	0	11	0	0	0	0
Total 1st 560 institutions	622,210	9,618	17,282	80,979	20,272	27,513	120,495	100,469	1,571	177,716	47,362	18,933
561 Vocational Info Prog Inst	11	0	0	0	0	0	0	0	0	11	0	0
562 Bat Conservation Intl	10	0	0	0	0	0	10	0	0	0	0	0
563 Global Futures Foundation	10	0	0	0	0	0	10	0	0	0	0	0
564 Intl Assoc Impact Asmnt	10	0	0	0	0	0	10	0	0	0	0	0
565 Linguistic Soc America	10	0	0	0	0	0	0	0	0	0	10	0
566 Mid-America Rgn Cncl	10	0	0	0	0	0	10	0	0	0	0	0
567 Portland Energy Cnsrvtn	10	0	0	0	0	0	10	0	0	0	0	0
568 Pro Esteros	10	0	10	0	0	0	0	0	0	0	0	0
569 Soc Integrative Comp Bio	10	0	0	0	0	0	0	0	0	0	10	0
570 Soc Photo Optical Inst	10	0	0	0	0	0	0	0	0	0	10	0
Total 1st 570 institutions	622,311	9,618	17,292	80,979	20,272	27,513	120,545	100,469	1,571	177,727	47,392	18,933
571 Am Psychological Assc	9	0	0	0	0	0	0	0	0	0	9	0
572 SC Native Plant Society	8	0	0	0	0	0	0	0	8	0	0	0
573 Alaska Bird Observatory	7	0	0	0	0	0	0	0	7	0	0	0
574 Conservation Tillage Info	7	7	0	0	0	0	0	0	0	0	0	0
575 Harmony Project, The	6	0	0	0	0	6	0	0	0	0	0	0
576 Org Concerned Rural Ed	6	0	0	0	0	0	0	0	0	0	6	0
577 American Bar Foundation	5	0	0	0	0	0	0	0	0	0	5	0
578 Global Env Tech Fdn	5	0	0	0	0	5	0	0	0	0	0	0
579 Inspire, Inc	5	0	0	0	0	0	0	0	0	5	0	0
580 Intl Assoc Wildland Fire	5	5	0	0	0	0	0	0	0	0	0	0
Total 1st 580 institutions	622,374	9,630	17,292	80,979	20,272	27,524	120,545	100,469	1,586	177,732	47,412	18,933
581 Electrochemical Society	4	0	0	0	0	0	0	0	0	0	4	0
582 Links, Inc	4	0	0	0	0	0	0	4	0	0	0	0
583 Soc Complex Carbohydrates	4	0	0	0	0	0	0	0	0	0	4	0
584 Appalachian Mountain Club	3	3	0	0	0	0	0	0	0	0	0	0
585 Amer Soc of Agronomy	2	2	0	0	0	0	0	0	0	0	0	0
586 Global Foundation, Inc	2	0	0	0	0	0	0	0	0	0	2	0
587 Natl Assc Equal Oppor Ed	2	0	0	0	0	0	0	0	0	0	2	0
588 Wstrn Fdn Vertebrae Zlgy	2	2	0	0	0	0	0	0	0	0	0	0
589 Rndtbl State Pltn Prvntn	1	0	0	0	0	0	1	0	0	0	0	0
Total 1st 589 institutions	622,398	9,637	17,292	80,979	20,272	27,524	120,546	100,473	1,586	177,732	47,424	18,933

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-31. Federal obligations for science and engineering to selected consortia of institutions: fiscal years 1990-97

[Dollars in thousands]

Consortium	1990	1991	1992	1993	1994	1995	1996	1997
Total, all consortia	104,055	99,650	125,830	114,874	101,795	101,921	102,376	17,290
Barrow Arctic Science Consortium	0	0	0	0	0	0	0	114
Central U.S. Earthquake Consortium	0	0	0	0	0	92	0	96
Consortium for International Development	2,236	0	0	84	0	0	0	0
Consortium for International Earth Science Information Network	0	0	24,815	18,975	10,380	6,311	4,782	3,607
Consortium for Oceanographic Rsch & Education	0	0	0	0	0	0	649	665
Five Colleges, Inc.	44	0	0	653	28	187	71	36
Louisiana Universities Marine Consortium	0	0	880	599	17	0	0	202
Midwest Universities Consortium for International Activities	0	0	0	0	0	1,766	48	0
Mississippi-Alabama Sea Grant Consortium	1,640	1,715	1,251	0	1,095	0	0	1,800
Mississippi Research Consortium	0	0	129	0	0	0	584	1,899
National Consortium for Graduate Degrees for Minorities in Engineering & Science	105	316	124	98	79	127	357	206
National Physical Science Consortium	0	0	0	0	0	816	121	846
Science & Engineering Alliance, Inc.	0	0	0	0	0	0	75	0
SECME, Inc. (SE Consortium for Minorities in Engineering)	0	0	0	0	0	0	25	0
Sematech, Inc.	100,000	96,700	97,600	92,935	88,696	87,900	84,587	0
South Carolina Sea Grant Consortium	30	919	1,031	30	0	2,322	3,226	3,466
West Virginia High Technology Consortium	0	0	0	1,500	1,500	2,400	7,851	3,891
Western Kansas Community Service Consortium	0	0	0	0	0	0	0	462

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-32. Federal obligations for science and engineering (S&E) to selected consortia of institutions, by type of activity: fiscal year 1997

[Dollars in thousands]

Consortium	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
Total, all consortia	17,290	14,576	0	0	402	2,146	166
Barrow Arctic Science Consortium	114	114	0	0	0	0	0
Central U.S. Earthquake Consortium	96	96	0	0	0	0	0
Consortium for International Earth Science Information Network	3,607	3,607	0	0	0	0	0
Consortium for Oceanographic Rsch & Education	665	665	0	0	0	0	0
Five Colleges, Inc.	36	36	0	0	0	0	0
Louisiana Universities Marine Consortium	202	202	0	0	0	0	0
Mississippi-Alabama Sea Grant Consortium	1,800	900	0	0	108	792	0
Mississippi Research Consortium	1,899	1,899	0	0	0	0	0
National Consortium for Graduate Degrees for Minorities in Engineering & Science	206	40	0	0	0	0	166
National Physical Science Consortium	846	737	0	0	109	0	0
South Carolina Sea Grant Consortium	3,466	1,927	0	0	185	1,354	0
West Virginia High Technology Consortium	3,891	3,891	0	0	0	0	0
Western Kansas Community Services Consortium	462	462	0	0	0	0	0

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-33. Federal obligations for science and engineering to selected consortia of institutions, by agency: fiscal year 1997

[Dollars in thousands]

Consortium	Total	USDA	Com	DoD	ED	DOE	EPA	HHS	NASA	NSF	Other [1]
Total, all consortia	17,290	0	6,312	3,467	0	266	123	0	6,334	681	107
Barrow Arctic Science Consortium	114	0	0	0	0	0	0	0	0	114	0
Central U.S. Earthquake Consortium	96	0	0	0	0	0	0	0	0	0	96
Consortium for International Earth Science Information Network	3,607	0	0	0	0	0	123	0	3,484	0	0
Consortium for Oceanographic Rsch & Education	665	0	0	271	0	0	0	0	0	389	5
Five Colleges, Inc.	36	0	0	0	0	0	0	0	24	12	0
Louisiana Universities Marine Consortium	202	0	0	196	0	0	0	0	0	0	6
Mississippi-Alabama Sea Grant Consortium	1,800	0	1,800	0	0	0	0	0	0	0	0
Mississippi Research Consortium	1,899	0	0	0	0	0	0	0	1,899	0	0
National Consortium for Graduate Degrees for Minorities in Engineering & Science	206	0	0	0	0	0	0	0	40	166	0
National Physical Science Consortium	846	0	109	0	0	0	0	0	737	0	0
South Carolina Sea Grant Consortium	3,466	0	3,466	0	0	0	0	0	0	0	0
West Virginia High Technology Consortium	3,891	0	475	3,000	0	266	0	0	150	0	0
Western Kansas Community Services Consortium	462	0	462	0	0	0	0	0	0	0	0

[1] This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
ED = Department of Education
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-34. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by type of activity: fiscal years 1963-97

[Dollars in thousands]

Fiscal year	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
1963	814,082	668,803	138,880	(2)	(2)	(2)	6,399
1964	862,353	732,345	122,508	(2)	(2)	(2)	7,500
1965	895,287	744,172	141,714	(2)	(2)	(2)	9,401
1966	917,631	784,227	127,604	(2)	(2)	(2)	5,800
1967	907,549	800,798	101,753	(2)	(2)	(2)	4,998
1968	935,820	818,035	113,779	(2)	(2)	(2)	4,006
1969	916,872	790,981	121,135	(2)	(2)	(2)	4,756
1970	960,906	799,670	156,794	(2)	(2)	(2)	4,442
1971	976,313	787,186	184,709	53	1,481	70	2,814
1972	1,067,343	927,278	133,318	0	2,740	0	4,007
1973	1,005,764	904,413	95,521	45	2,944	48	2,793
1974	1,071,203	962,203	102,105	0	664	206	6,025
1975	1,196,768	1,067,283	128,772	0	351	211	151
1976	1,433,618	1,268,144	163,038	0	493	0	1,943
1977	1,600,593	1,442,656	157,508	0	306	123	0
1978	1,665,824	1,451,994	213,180	0	458	106	86
1979	1,916,109	1,584,961	330,613	0	402	133	0
1980	2,143,749	1,733,234	379,943	12,525	527	9,955	7,565
1981	2,204,317	1,871,759	322,137	6,647	298	2,270	1,206
1982	2,462,966	2,047,178	406,211	6,115	293	400	2,769
1983	2,741,693	2,374,303	337,350	17,757	437	11,130	716
1984	3,006,001	2,638,926	358,265	1,605	344	584	6,277
1985	3,448,981	3,017,551	427,122	1,460	683	1,921	244
1986	3,520,597	3,167,947	348,705	0	1,019	1,285	1,641
1987	3,640,152	3,262,366	373,474	902	577	1,532	1,301
1988	3,766,126	3,300,725	462,089	450	544	687	1,631
1989	4,019,693	3,525,739	459,724	1,095	628	764	31,743
1990	4,146,931	3,593,699	473,314	0	857	24,009	55,052
1991	4,301,010	3,615,400	615,760	4,570	4,635	206	60,439
1992	4,443,690	3,843,551	598,946	0	813	235	145
1993	4,318,780	3,627,562	620,724	33,359	109	80	36,946
1994	4,060,048	3,352,105	660,871	0	301	36,448	10,323
1995	4,209,839	3,647,640	511,410	2,351	332	47,414	692
1996	4,108,726	3,577,626	529,705	0	251	550	594
1997	4,346,515	3,772,668	567,864	0	4,124	770	1,089

1 See Technical Notes, "Categories of Support."

2 Not separately identified but included under "Other science and engineering activities."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-35. Federal science and engineering obligations to federally funded research and development centers administered by universities and colleges, by agency: fiscal years 1963-97

[Dollars in thousands]

Fiscal year	Total	USDA	Com	DoD	DOE [1]	EPA	HHS [2]	HUD	Int	NASA	NSF	NRC	DOT	Other [3]
1963	814,082	0	0	128,236	440,259	0	0	0	0	230,168	15,419	0	0	0
1964	862,353	0	0	144,044	471,470	0	509	0	0	226,194	20,136	0	0	0
1965	895,287	0	0	142,676	485,028	0	1,788	0	0	245,094	20,701	0	0	0
1966	917,631	0	0	141,916	517,898	0	3,225	0	0	230,820	23,772	0	0	0
1967	907,549	0	0	135,992	510,878	0	7,859	0	0	223,984	28,836	0	0	0
1968	935,820	0	45	142,847	539,513	0	12,455	0	0	209,732	31,227	0	1	0
1969	916,872	0	57	143,365	560,752	0	23,658	0	0	160,619	28,421	0	NA	0
1970	960,906	0	92	131,213	613,251	0	7,932	0	0	180,692	27,506	0	220	0
1971	976,313	0	0	129,398	626,621	0	7,427	550	0	175,077	37,240	0	0	0
1972	1,067,343	0	0	189,649	609,031	0	9,478	0	0	211,295	41,811	0	6,079	0
1973	1,005,764	0	0	155,223	595,815	88	1,171	0	0	203,860	46,386	0	3,221	0
1974	1,071,203	0	0	163,990	633,667	0	3,151	0	261	212,065	57,032	0	1,037	0
1975	1,196,768	0	73	186,168	721,906	0	3,280	0	213	227,512	57,562	0	54	0
1976	1,433,618	0	0	207,323	906,173	0	6,170	0	674	241,928	71,325	0	25	0
1977	1,600,593	0	0	217,990	1,067,072	0	6,622	0	0	235,714	72,317	0	878	0
1978	1,665,824	0	0	97,495	1,254,354	0	8,771	0	0	224,121	78,489	50	2,544	0
1979	1,916,109	0	0	111,728	1,442,694	0	11,556	0	294	264,610	85,227	0	0	0
1980	2,143,749	0	0	134,070	1,608,105	0	11,955	0	300	312,866	73,153	0	3,300	0
1981	2,204,317	82	0	137,767	1,654,224	0	16,099	0	285	318,820	73,240	0	3,800	0
1982	2,462,966	0	1,545	188,514	1,844,961	393	19,087	0	0	331,938	72,702	0	3,826	0
1983	2,741,693	65	179	266,827	1,937,120	2	20,543	0	0	427,526	83,440	0	5,991	0
1984	3,006,001	120	271	249,558	2,083,262	0	20,562	0	30	548,307	91,464	0	12,427	0
1985	3,448,981	55	333	322,060	2,259,839	0	25,854	0	0	724,813	103,438	0	12,539	50
1986	3,520,597	165	996	322,357	2,172,387	0	26,404	0	0	891,284	99,529	0	7,475	0
1987	3,640,152	210	573	381,970	2,235,593	0	30,586	0	0	878,564	102,973	150	9,464	69
1988	3,766,126	0	551	372,410	2,420,120	0	27,944	0	0	846,091	98,905	50	55	0
1989	4,019,693	493	801	405,299	2,550,385	0	29,203	0	0	929,125	104,112	0	100	175
1990	4,146,931	0	644	437,120	2,608,062	0	30,428	0	0	950,199	120,251	0	0	227
1991	4,301,010	0	1,006	411,276	2,677,263	145	29,651	0	0	986,635	194,805	0	0	229
1992	4,443,690	195	398	416,480	2,811,678	19	28,165	0	0	1,050,818	135,852	0	0	85
1993	4,318,780	25	426	383,569	2,924,419	0	25,224	0	0	840,791	143,191	0	1,000	135
1994	4,060,048	0	426	331,081	2,736,497	88	27,179	0	140	813,393	150,966	0	111	167
1995	4,209,839	0	758	350,315	2,574,172	0	23,538	0	610	1,053,935	190,378	0	15,949	184
1996	4,108,726	26	401	349,140	2,506,217	0	25,095	0	127	1,081,911	143,684	0	2,000	125
1997	4,346,515	43	60	332,041	2,711,190	472	34,818	0	0	1,111,326	151,235	0	5,217	113

1 Data shown for fiscal years (FYs) 1963-74 and FYs 1975-77 represent obligations of the Atomic Energy Commission and the Energy Research and Development Administration, respectively.

2 Data shown for FYs 1963-79 represent obligations of the Department of Health, Education, and Welfare.

3 This column displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Education, Labor, and State; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Office of Justice Programs; and the Social Security Administration.

KEY:
USDA = Department of Agriculture
Com = Department of Commerce
DoD = Department of Defense
DOE = Department of Energy
EPA = Environmental Protection Agency
HHS = Department of Health and Human Services
HUD = Department of Housing and Urban Development
Int = Department of the Interior
NASA = National Aeronautics and Space Administration
NSF = National Science Foundation
NRC = Nuclear Regulatory Commission
DOT = Department of Transportation
NA = Not available

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-36. Federal science and engineering (S&E) obligations to federally funded research and development centers administered by universities and colleges, by agency and type of activity: fiscal year 1997

[Dollars in thousands]

Agency	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
Total, all agencies	4,346,515	3,772,668	567,864	0	4,124	770	1,089
Department of Agriculture	43	43	0	0	0	0	0
Department of Commerce	60	38	0	0	0	0	22
Department of Defense	332,041	332,041	0	0	0	0	0
Department of Energy	2,711,190	2,169,283	541,137	0	0	770	0
Environmental Protection Agency	472	472	0	0	0	0	0
Department of Health & Human Services, total	34,818	34,788	0	0	30	0	0
Centers for Disease Control & Prevention	7,002	7,002	0	0	0	0	0
National Institutes of Health	27,816	27,786	0	0	30	0	0
Department of Transportation	5,217	5,217	0	0	0	0	0
National Aeronautics & Space Administration	1,111,326	1,099,414	11,912	0	0	0	0
National Science Foundation	151,235	131,259	14,815	0	4,094	0	1,067
Department of State	15	15	0	0	0	0	0
Bureau of Engraving and Printing	98	98	0	0	0	0	0

[1] See Technical Notes, "Categories of Support."

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-37. Federal science and engineering obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, and sponsoring agency: fiscal years 1990-97

[Dollars in thousands]

State, institution, and sponsoring agency	1990	1991	1992	1993	1994	1995	1996	1997
United States, total	4,146,931	4,301,010	4,443,690	4,318,780	4,060,048	4,209,839	4,108,726	4,346,515
Arizona:								
National Optical Astronomy Observatories[1] (National Science Foundation)	29,139	29,511	28,510	41,615	45,284	70,099	30,933	33,691
California:								
Ernest Orlando Lawrence Berkeley National Laboratory (Department of Energy)	189,101	196,715	202,859	204,066	220,271	231,839	267,829	280,184
Jet Propulsion Laboratory[2] (National Aeronautics & Space Admin)	950,419	986,914	1,050,806	840,918	813,744	1,054,571	1,082,790	1,111,013
Lawrence Livermore National Laboratory (Department of Energy)	715,968	754,198	718,478	703,580	563,322	510,680	510,507	694,006
Stanford Linear Accelerator Center (Department of Energy)	144,080	142,710	148,334	160,977	174,767	168,818	179,359	173,572
Colorado:								
National Center for Atmospheric Research (National Science Foundation)	49,198	53,889	58,767	61,971	64,551	79,638	72,979	72,389
Illinois:								
Argonne National Laboratory (Department of Energy)	320,857	357,584	383,131	413,069	378,108	348,056	288,143	260,505
Fermi National Accelerator Laboratory (Department of Energy)	199,219	212,090	226,193	226,141	229,018	251,143	262,225	265,411
Iowa:								
Ames Laboratory (Department of Energy)	22,855	29,916	29,608	28,670	25,169	24,491	26,083	22,320
Massachusetts:								
Lincoln Laboratory (Department of Defense/Air Force)	407,100	376,209	373,805	343,913	294,947	314,609	306,970	305,653
New Jersey:								
Princeton Plasma Physics Laboratory (Department of Energy)	92,441	90,311	116,853	111,543	103,754	118,184	60,560	56,763
New Mexico:								
Los Alamos National Laboratory (Department of Energy)	621,028	555,967	598,011	670,200	574,896	535,753	547,548	607,442
New York:								
Brookhaven National Laboratory (Department of Energy)	229,490	255,218	303,594	324,251	331,467	318,029	318,092	321,228
Pennsylvania:								
Software Engineering Institute (Dept of Defense/Defense Advanced Research Projects Agency)	28,500	31,565	34,951	32,334	32,786	31,582	33,607	18,420
Tennessee:								
Oak Ridge Institute for Science & Education (Department of Energy)	24,398	31,191	38,947	46,940	96,159	44,505	15,289	16,409

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

Table B-37. Federal science and engineering obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, and sponsoring agency: fiscal years 1990-97

[Dollars in thousands]

State, institution, and sponsoring agency	1990	1991	1992	1993	1994	1995	1996	1997
Texas:								
Institute for Advanced Technology[3] (Department of Defense/Army)	1,000	1,889	6,481	0	0	NA	NA	NA
Virginia:								
Thomas Jefferson National Accelerator Facility[4] (Department of Energy)	81,475	84,565	77,297	69,880	72,452	70,576	67,765	68,452
West Virginia:								
National Radio Astronomy Observatory (National Science Foundation)	34,485	102,052	35,315	29,246	29,218	29,597	29,776	30,813
Puerto Rico:								
National Astronomy & Ionosphere Center (National Science Foundation)	6,178	8,516	11,750	9,466	10,135	7,669	8,271	8,244

1 Since February 1984, this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory, and the National Solar Observatory (formerly Sacramento Peak Observatory).

2 Obligations reported to the Jet Propulsion Laboratory include sizable amounts that are subcontracted, principally to industrial firms.

3 The Department of the Army decertified the Institute for Advanced Technology (University of Texas), Austin, TX, as an FFRDC in November 1993.

4 In May 1996 the name was changed from Continuous Electron Beam Accelerator Facility.

NOTE: University consortia, as well as individual universities and colleges, administer FFRDCs. Refer to Section A, Technical Notes, "Federally Funded Research and Development Centers" for a list of FFRDCs by agency and administering institution.

KEY: NA = Not applicable

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1997

[Dollars in thousands]

State, institution, administering institution, and agency providing funds	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:							
Total	4,346,515	3,772,668	567,864	0	4,124	770	1,089
Dept of Agriculture	43	43	0	0	0	0	0
Dept of Commerce	60	38	0	0	0	0	22
Dept of Defense	332,041	332,041	0	0	0	0	0
Dept of Energy	2,711,190	2,169,283	541,137	0	0	770	0
Dept of Health & Human Services	34,818	34,788	0	0	30	0	0
Environmental Protection Agency	472	472	0	0	0	0	0
Nat'l Aeronautics & Space Admin	1,111,326	1,099,414	11,912	0	0	0	0
Nat'l Science Foundation	151,235	131,259	14,815	0	4,094	0	1,067
Other agencies [2]	5,330	5,330	0	0	0	0	0
Arizona:							
Nat'l Optical Astronomy Observatories [3] (Assoc of Univ for Rsch in Astronomy, Inc.)							
Total	33,691	33,264	217	0	0	0	210
Nat'l Science Foundation	33,691	33,264	217	0	0	0	210
California:							
Ernest Orlando Lawrence Berkeley National Lab (University of California)							
Total	280,184	231,792	48,172	0	30	175	15
Dept of Commerce	15	0	0	0	0	0	15
Dept of Defense	4,515	4,515	0	0	0	0	0
Dept of Energy	258,159	209,812	48,172	0	0	175	0
Dept of Health & Human Services	17,194	17,164	0	0	30	0	0
Nat'l Science Foundation	301	301	0	0	0	0	0
Jet Propulsion Laboratory [4] (California Institute of Technology)							
Total	1,111,013	1,099,101	11,912	0	0	0	0
Nat'l Aeronautics & Space Admin	1,110,917	1,099,005	11,912	0	0	0	0
Nat'l Science Foundation	96	96	0	0	0	0	0
Lawrence Livermore National Laboratory (University of California)							
Total	694,006	536,721	157,170	0	0	115	0
Dept of Defense	2,956	2,956	0	0	0	0	0
Dept of Energy	690,785	533,500	157,170	0	0	115	0
Nat'l Aeronautics & Space Admin	250	250	0	0	0	0	0
Other agencies [2]	15	15	0	0	0	0	0
Stanford Linear Accelerator Center (Leland Stanford Junior University)							
Total	173,572	118,244	55,328	0	0	0	0
Dept of Energy	173,572	118,244	55,328	0	0	0	0
Colorado:							
Nat'l Center for Atmospheric Research (Univ Corp for Atmospheric Research)							
Total	72,389	57,791	14,598	0	0	0	0
Dept of Agriculture	43	43	0	0	0	0	0
Environmental Protection Agency	472	472	0	0	0	0	0
Nat'l Aeronautics & Space Admin	129	129	0	0	0	0	0
Nat'l Science Foundation	71,745	57,147	14,598	0	0	0	0

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

Table B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1997

[Dollars in thousands]

State, institution, administering institution, and agency providing funds	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
Illinois:							
Argonne National Laboratory (University of Chicago)							
Total	260,505	234,212	25,388	0	0	440	465
Dept of Commerce	9	4	0	0	0	0	5
Dept of Energy	260,036	234,208	25,388	0	0	440	0
Nat'l Science Foundation	460	0	0	0	0	0	460
Fermi National Accelerator Laboratory (Universities Research Assoc, Inc.)							
Total	265,411	184,468	80,943	0	0	0	0
Dept of Energy	265,411	184,468	80,943	0	0	0	0
Iowa:							
Ames Laboratory (Iowa State Univ of Science & Tech)							
Total	22,320	17,814	4,506	0	0	0	0
Dept of Energy	22,320	17,814	4,506	0	0	0	0
Massachusetts:							
Lincoln Laboratory (Massachusetts Inst of Technology)							
Total	305,653	305,653	0	0	0	0	0
Dept of Defense	305,653	305,653	0	0	0	0	0
New Jersey:							
Princeton Plasma Physics Laboratory (Princeton University)							
Total	56,763	52,373	4,390	0	0	0	0
Dept of Energy	56,763	52,373	4,390	0	0	0	0
New Mexico:							
Los Alamos National Laboratory (University of California)							
Total	607,442	554,932	52,510	0	0	0	0
Dept of Commerce	3	3	0	0	0	0	0
Dept of Defense	300	300	0	0	0	0	0
Dept of Energy	588,323	535,813	52,510	0	0	0	0
Dept of Health & Human Services	13,503	13,503	0	0	0	0	0
Nat'l Science Foundation	96	96	0	0	0	0	0
Other agencies [2]	5,217	5,217	0	0	0	0	0
New York:							
Brookhaven National Laboratory (Associated Universities, Inc.)							
Total	321,228	216,721	104,505	0	0	0	2
Dept of Commerce	33	31	0	0	0	0	2
Dept of Defense	197	197	0	0	0	0	0
Dept of Energy	315,976	211,471	104,505	0	0	0	0
Dept of Health & Human Services	3,844	3,844	0	0	0	0	0
Nat'l Aeronautics & Space Admin	30	30	0	0	0	0	0
Nat'l Science Foundation	1,148	1,148	0	0	0	0	0
Pennsylvania:							
Software Engineering Institute (Carnegie Mellon University)							
Total	18,420	18,420	0	0	0	0	0
Dept of Defense	18,420	18,420	0	0	0	0	0

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

Table B-38. Federal science and engineering (S&E) obligations to federally funded research and development centers (FFRDCs) administered by universities and colleges, by State, institution, agency, and type of activity: fiscal year 1997

[Dollars in thousands]

State, institution, administering institution, and agency providing funds	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
Tennessee:							
Oak Ridge Institute for Science & Education (Oak Ridge Assoc Universities, Inc.)							
Total	16,409	10,971	907	0	4,094	40	397
Dept of Energy	11,393	10,446	907	0	0	40	0
Dept of Health & Human Services	277	277	0	0	0	0	0
Nat'l Science Foundation	4,641	150	0	0	4,094	0	397
Other agencies [2]	98	98	0	0	0	0	0
Virginia:							
Thomas Jefferson Nat'l Accelerator Facility [5] (Southeastern Univ Research Assoc, Inc.)							
Total	68,452	61,134	7,318	0	0	0	0
Dept of Energy	68,452	61,134	7,318	0	0	0	0
West Virginia:							
National Radio Astronomy Observatory (Associated Universities, Inc.)							
Total	30,813	30,813	0	0	0	0	0
Nat'l Science Foundation	30,813	30,813	0	0	0	0	0
Puerto Rico:							
National Astronomy & Ionosphere Center (Cornell University)							
Total	8,244	8,244	0	0	0	0	0
Nat'l Science Foundation	8,244	8,244	0	0	0	0	0

1 See Technical Notes, "Categories of Support."

2 This row displays data for the following agencies, if they reported obligations in the variables represented by this table: the Departments of Education, Housing and Urban Development, Interior, Labor, State, and Transportation; the Agency for International Development; the Bureau of Engraving and Printing; the General Services Administration; the Nuclear Regulatory Commission; the Office of Justice Programs; and the Social Security Administration.

3 Since February 1984, this center has included three former FFRDCs: Cerro Tololo Inter-American Observatory, Kitt Peak National Observatory and the National Solar Observatory (formerly Sacramento Peak Observatory).

4 Obligations reported to the Jet Propulsion Laboratory include sizable amounts that are subcontracted, principally to industrial firms.

5 In May 1996 the name was changed from Continuous Electron Beam Accelerator Facility.

NOTE: University consortia, as well as individual universities and colleges, administer FFRDCs. Refer to Section A, Technical Notes, "Federally Funded Research and Development Centers" for a list of FFRDCs by agency and administering institution.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997

Table B-39. Federal science and engineering research and development and R&D plant obligations to federally funded research and development centers (FFRDCs) administered by nonprofit institutions, by State, institution, and sponsoring agency: fiscal years 1990-97

[Dollars in thousands]

State, institution, and sponsoring agency	1990	1991	1992	1993	1994	1995	1996	1997
United States, total	1,321,315	815,064	924,864	1,031,708	1,007,262	1,088,415	917,878	939,554
California:								
Aerospace Federally Funded Research & Development Center (Department of Defense/Air Force)	416,668	397,271	168,209	177,745	158,100	145,780	158,102	192,388
Arroyo Center[1] (Department of Defense/Army)	25,500	0	17,625	16,350	15,300	15,505	18,363	19,592
National Defense Research Institute[1] (Department of Defense/ Office of the Secretary)	28,600	0	9,413	8,807	9,052	7,500	7,244	6,478
Project Air Force[1] (Department of Defense/Air Force)	23,372	0	22,488	23,980	24,000	24,000	24,000	21,711
Colorado:								
National Renewable Energy Laboratory[2] (Department of Energy)	69,611	104,013	139,681	189,909	207,547	242,900	173,699	152,037
New Mexico:								
Inhalation Toxicology Research Institute[3] (Department of Energy)	8,051	8,583	8,881	8,433	7,890	6,845	0	0
Virginia:								
C3I Federally Funded Research & Development Center[4] (Dept of Defense/Off of the Sec)	445,729	17,838	254,051	259,606	243,839	237,518	195,859	210,552
Center for Advanced Aviation System Development[4] (Department of Transportation)	0	0	17,542	5,658	13,327	8,888	5,958	5,200
Center for Naval Analyses (Department of Defense/Navy)	41,200	48,558	43,713	43,371	44,474	44,857	45,215	43,571
Inst for Defense Analyses Studies & Analyses FFRDC (Dept of Defense/ Office of the Secretary)	90,200	73,468	90,185	88,740	83,988	88,551	87,072	90,733
Logistics Management Institute[5] (Department of Defense/ Office of the Secretary)	18,600	26,696	3,657	4,040	4,099	4,043	7,000	12,527
Washington:								
Pacific Northwest National Laboratory (Department of Energy)	153,784	138,637	149,419	205,069	195,646	262,028	195,366	184,765

1 The following portions of the RAND Corp. are FFRDCs: National Defense Research Institute (formerly Defense/Office of the Joint Chiefs of Staff), Project Air Force, the Arroyo Center, and the Critical Technologies Institute. All other agency support to RAND is reported under nonprofit institutions.

2 In September 1991 the name was changed from Solar Energy Research Institute.

3 The Department of Energy removed the Inhalation Toxicology Research Institute from the Master Government List of FFRDCs in May 1996.

4 Only the C3I Federally Funded Research & Development Center and the Center for Advanced Aviation System Development parts of the MITRE Corp. are FFRDCs. All other agency support to MITRE is reported under nonprofit institutions.

5 Logistics Management Institute moved from Bethesda, MD, to McLean, VA, in May 1994.

SOURCE: National Science Foundation/SRS, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 1997