

TABLE B-1. Federal obligations for science and engineering (S&E) to universities and colleges, by type of activity: fiscal years 1963--2002

(Dollars in thousands)

Fiscal year	Total	Research and development ¹	R&D plant ¹	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	(2)	(2)	(2)	393,091
1964	1,528,604	975,597	100,837	(2)	(2)	(2)	452,170
1965	1,816,171	1,094,963	126,196	(2)	(2)	(2)	595,012
1966	2,163,504	1,252,146	114,767	(2)	365,560	(2)	431,031
1967	2,323,795	1,301,242	111,309	(2)	447,236	(2)	464,008
1968	2,349,817	1,398,305	96,148	(2)	440,895	(2)	414,469
1969	2,361,399	1,474,681	54,516	(2)	436,270	(2)	395,932
1970	2,187,579	1,446,618	44,778	(2)	429,408	(2)	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	9,138,149	7,721,109	202,907	13,345	309,348	171,826	719,614
1989	10,080,452	8,528,387	237,010	16,911	340,458	197,745	759,941
1990	10,470,816	9,016,672	141,651	19,241	393,820	143,917	755,515
1991	11,907,557	10,091,898	163,349	32,792	469,297	192,823	957,398
1992	12,838,077	10,926,788	209,173	38,983	511,127	160,166	991,840
1993	12,834,791	11,025,098	259,421	33,247	526,331	66,827	923,867
1994	13,867,144	11,898,103	216,558	48,734	633,228	136,555	933,966
1995	14,461,050	12,180,859	341,343	51,581	674,464	263,992	948,811
1996	14,449,919	12,345,709	248,222	49,023	636,293	219,008	951,664
1997	15,095,984	13,019,428	275,955	29,889	676,610	170,843	923,259
1998	16,092,788	13,875,775	156,582	22,771	757,312	237,908	1,042,440
1999	18,057,150	15,569,127	172,652	46,992	843,736	314,652	1,109,991
2000	19,877,232	17,289,808	239,620	59,702	782,841	314,184	1,191,077
2001	22,491,567	19,390,159	398,978	67,426	842,530	331,904	1,460,570
2002	24,393,846	21,117,662	301,225	109,693	936,862	431,861	1,496,543

¹ See Technical Notes, "Changes in Reporting."

² 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/Division of Science Resources Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions, Fiscal Year 2002.