

Table 1G. Federal obligations for total research, by detailed field of science & engineering: HHS, Alcohol, Drug Abuse, & Mental Health Administration, fiscal years 1970-2003

[Dollars in thousands]

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Field of science & engineering	1970	1971	1972	1973	1974	1975	1976
Total, all fields	NA	NA	NA	122,191	155,616	139,425	136,617
Life sciences, total	NA	NA	NA	62,844	81,006	74,276	69,387
Biol & agricultural, total	NA	NA	NA	22,978	45,157	34,858	46,659
Biol (excl environmental)	NA	NA	NA	NA	NA	NA	NA
Environmental biology	NA	NA	NA	NA	NA	NA	NA
Agricultural	NA	NA	NA	NA	NA	NA	NA
Medical sciences, total	NA	NA	NA	39,866	35,849	28,743	16,270
Clinical medical	NA	NA	NA	39,866	25,218	18,705	12,819
Other medical	NA	NA	NA	0	10,631	10,038	3,451
Life sciences, n.e.c.	NA	NA	NA	0	0	10,675	6,458
Psychology, total	NA	NA	NA	36,614	54,222	41,655	44,212
Biological aspects	NA	NA	NA	17,262	34,412	21,818	27,140
Social aspects	NA	NA	NA	19,352	19,810	18,560	17,072
Psychological sciences, n.e.c.	NA	NA	NA	0	0	1,277	0
Physical sciences, total	NA	NA	NA	1,094	2,589	621	93
Astronomy	NA	NA	NA	0	0	0	0
Chemistry	NA	NA	NA	1,094	2,589	621	93
Physics	NA	NA	NA	0	0	0	0
Physical sciences, n.e.c.	NA	NA	NA	0	0	0	0
Environmental sciences, total	NA	NA	NA	0	0	0	0
Atmospheric sciences	NA	NA	NA	0	0	0	0
Geological sciences	NA	NA	NA	0	0	0	0
Oceanography	NA	NA	NA	0	0	0	0
Environmental sciences, n.e.c.	NA	NA	NA	0	0	0	0
Math & computer sciences, total	NA	NA	NA	904	1,803	1,528	1,112
Mathematics	NA	NA	NA	NA	NA	NA	1,112
Computer sciences	NA	NA	NA	NA	NA	NA	0
Math & computer sciences, n.e.c.	NA	NA	NA	NA	NA	NA	0
Engineering, total	NA	NA	NA	0	0	0	0
Aeronautical	NA	NA	NA	0	0	0	0
Astronautical	NA	NA	NA	0	0	0	0
Chemical	NA	NA	NA	0	0	0	0
Civil	NA	NA	NA	0	0	0	0
Electrical	NA	NA	NA	0	0	0	0
Mechanical	NA	NA	NA	0	0	0	0
Metallurgy & materials	NA	NA	NA	0	0	0	0
Engineering, n.e.c.	NA	NA	NA	0	0	0	0
Social sciences, total	NA	NA	NA	20,735	15,996	17,575	20,684
Anthropology	NA	NA	NA	2,309	1,144	2,524	3,811
Economics	NA	NA	NA	0	0	114	237
Political science	NA	NA	NA	0	0	114	0
Sociology	NA	NA	NA	15,914	13,157	6,461	14,254
Social sciences, n.e.c.	NA	NA	NA	2,512	1,695	8,362	2,382
History	NA	NA	NA	35	220	572	NA
Linguistics	NA	NA	NA	2,477	1,475	1,143	NA
Other social sciences	NA	NA	NA	0	0	6,647	NA
Other sciences, n.e.c.	NA	NA	NA	0	0	3,770	1,129

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

Table 1G. Federal obligations for total research, by detailed field of science & engineering: HHS, Alcohol, Drug Abuse, & Mental Health Administration, fiscal years 1970-2003

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Field of science & engineering	1977	1978	1979	1980	1981	1982	1983
Total, all fields	151,966	178,751	213,535	233,536	237,684	246,056	300,352
Life sciences, total	76,950	94,137	114,788	124,808	130,095	134,227	180,139
Biol & agricultural, total	49,423	63,538	75,017	75,250	82,518	79,049	107,023
Biol (excl environmental)	NA	63,538	75,017	75,155	82,400	79,049	107,023
Environmental biology	NA	0	0	95	118	0	0
Agricultural	NA	0	0	0	0	0	0
Medical sciences, total	13,051	16,019	18,346	25,594	37,896	45,082	58,576
Clinical medical	10,206	NA	NA	NA	NA	NA	NA
Other medical	2,845	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	14,476	14,580	21,425	23,964	9,681	10,096	14,540
Psychology, total	46,563	57,316	64,167	70,446	71,825	74,652	80,089
Biological aspects	27,594	34,409	35,427	41,186	41,986	46,536	47,065
Social aspects	18,969	22,652	28,157	28,454	23,417	23,112	25,677
Psychological sciences, n.e.c.	0	255	583	806	6,422	5,004	7,347
Physical sciences, total	938	1,261	624	1,467	654	600	2,035
Astronomy	0	0	0	0	0	0	0
Chemistry	938	1,261	624	1,467	654	600	1,994
Physics	0	0	0	0	0	0	41
Physical sciences, n.e.c.	0	0	0	0	0	0	0
Environmental sciences, total	0	0	0	0	0	0	0
Atmospheric sciences	0	0	0	0	0	0	0
Geological sciences	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0
Environmental sciences, n.e.c.	0	0	0	0	0	0	0
Math & computer sciences, total	1,936	1,020	849	551	0	510	424
Mathematics	1,636	864	0	0	0	410	162
Computer sciences	300	156	92	85	0	100	262
Math & computer sciences, n.e.c.	0	0	757	466	0	0	0
Engineering, total	0	209	209	85	84	0	55
Aeronautical	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0
Metallurgy & materials	0	0	0	0	0	0	0
Engineering, n.e.c.	0	209	209	85	84	0	55
Social sciences, total	20,827	24,704	29,631	31,912	27,400	29,641	32,764
Anthropology	2,040	3,409	2,860	980	663	937	550
Economics	236	283	420	86	169	345	54
Political science	243	172	419	514	971	830	1,628
Sociology	15,655	18,278	22,991	26,126	20,745	22,962	25,693
Social sciences, n.e.c.	2,653	2,562	2,941	4,206	4,852	4,567	4,839
History	NA	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	4,752	104	3,267	4,267	7,626	6,426	4,846

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

**Table 1G. Federal obligations for total research, by detailed field of science
& engineering: HHS, Alcohol, Drug Abuse, & Mental Health
Administration, fiscal years 1970-2003**

[Dollars in thousands]

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Field of science & engineering	1984	1985	1986	1987	1988	1989	1990
Total, all fields	336,021	376,421	394,882	473,282	552,392	692,640	801,198
Life sciences, total	198,705	223,333	237,754	289,587	335,126	434,913	488,720
Biol & agricultural, total	121,240	136,294	141,091	170,903	197,042	261,248	291,249
Biol (excl environmental)	120,268	135,233	140,316	169,465	195,647	259,902	290,429
Environmental biology	0	354	79	480	930	673	656
Agricultural	972	707	696	958	465	673	164
Medical sciences, total	72,201	81,341	89,720	112,349	127,967	159,530	178,774
Clinical medical	NA	NA	NA	NA	NA	NA	NA
Other medical	NA	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	5,264	5,698	6,943	6,335	10,117	14,135	18,697
Psychology, total	94,175	104,896	109,070	127,047	138,213	168,548	201,001
Biological aspects	55,888	61,145	64,250	69,431	75,988	87,069	98,256
Social aspects	29,322	35,818	36,095	42,606	45,677	59,768	79,647
Psychological sciences, n.e.c.	8,965	7,933	8,725	15,010	16,548	21,711	23,098
Physical sciences, total	2,313	4,016	5,028	7,567	9,442	9,258	9,926
Astronomy	0	0	0	0	0	0	0
Chemistry	2,301	3,970	4,727	7,371	9,442	9,206	9,926
Physics	12	46	301	196	0	52	0
Physical sciences, n.e.c.	0	0	0	0	0	0	0
Environmental sciences, total	0	0	0	0	0	0	0
Atmospheric sciences	0	0	0	0	0	0	0
Geological sciences	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0
Environmental sciences, n.e.c.	0	0	0	0	0	0	0
Math & computer sciences, total	1,114	966	615	1,527	1,815	1,539	1,807
Mathematics	341	266	308	552	598	514	994
Computer sciences	773	700	307	975	1,217	1,025	813
Math & computer sciences, n.e.c.	0	0	0	0	0	0	0
Engineering, total	174	51	173	485	229	616	806
Aeronautical	0	0	0	0	0	0	0
Astronautical	0	0	0	0	0	0	0
Chemical	0	0	0	0	0	0	0
Civil	0	0	0	0	0	0	0
Electrical	0	0	0	0	0	0	0
Mechanical	0	0	0	0	0	0	0
Metallurgy & materials	0	0	0	0	0	0	0
Engineering, n.e.c.	174	51	173	485	229	616	806
Social sciences, total	34,602	37,576	37,568	43,073	54,812	69,199	75,006
Anthropology	635	668	1,451	2,444	1,981	942	1,539
Economics	1,228	1,395	1,878	2,361	2,241	3,274	5,485
Political science	2,545	2,750	2,967	1,531	2,252	2,356	2,457
Sociology	24,325	25,503	23,721	27,565	40,621	47,331	50,177
Social sciences, n.e.c.	5,869	7,260	7,551	9,172	7,717	15,296	15,348
History	NA	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	4,938	5,583	4,674	3,996	12,755	8,567	23,932

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

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[Dollars in thousands]

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Field of science & engineering	1991	1992	1993	1994	1995	1996	1997
Total, all fields	922,973	NA	NA	NA	NA	NA	NA
Life sciences, total	554,655	NA	NA	NA	NA	NA	NA
Biol & agricultural, total	339,642	NA	NA	NA	NA	NA	NA
Biol (excl environmental)	337,090	NA	NA	NA	NA	NA	NA
Environmental biology	851	NA	NA	NA	NA	NA	NA
Agricultural	1,701	NA	NA	NA	NA	NA	NA
Medical sciences, total	192,116	NA	NA	NA	NA	NA	NA
Clinical medical	NA	NA	NA	NA	NA	NA	NA
Other medical	NA	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	22,897	NA	NA	NA	NA	NA	NA
Psychology, total	236,515	NA	NA	NA	NA	NA	NA
Biological aspects	111,218	NA	NA	NA	NA	NA	NA
Social aspects	99,467	NA	NA	NA	NA	NA	NA
Psychological sciences, n.e.c.	25,830	NA	NA	NA	NA	NA	NA
Physical sciences, total	11,620	NA	NA	NA	NA	NA	NA
Astronomy	0	NA	NA	NA	NA	NA	NA
Chemistry	11,596	NA	NA	NA	NA	NA	NA
Physics	24	NA	NA	NA	NA	NA	NA
Physical sciences, n.e.c.	0	NA	NA	NA	NA	NA	NA
Environmental sciences, total	0	NA	NA	NA	NA	NA	NA
Atmospheric sciences	0	NA	NA	NA	NA	NA	NA
Geological sciences	0	NA	NA	NA	NA	NA	NA
Oceanography	0	NA	NA	NA	NA	NA	NA
Environmental sciences, n.e.c.	0	NA	NA	NA	NA	NA	NA
Math & computer sciences, total	2,084	NA	NA	NA	NA	NA	NA
Mathematics	1,182	NA	NA	NA	NA	NA	NA
Computer sciences	902	NA	NA	NA	NA	NA	NA
Math & computer sciences, n.e.c.	0	NA	NA	NA	NA	NA	NA
Engineering, total	674	NA	NA	NA	NA	NA	NA
Aeronautical	0	NA	NA	NA	NA	NA	NA
Astronautical	0	NA	NA	NA	NA	NA	NA
Chemical	0	NA	NA	NA	NA	NA	NA
Civil	0	NA	NA	NA	NA	NA	NA
Electrical	0	NA	NA	NA	NA	NA	NA
Mechanical	0	NA	NA	NA	NA	NA	NA
Metallurgy & materials	0	NA	NA	NA	NA	NA	NA
Engineering, n.e.c.	674	NA	NA	NA	NA	NA	NA
Social sciences, total	89,678	NA	NA	NA	NA	NA	NA
Anthropology	2,621	NA	NA	NA	NA	NA	NA
Economics	4,215	NA	NA	NA	NA	NA	NA
Political science	2,129	NA	NA	NA	NA	NA	NA
Sociology	58,557	NA	NA	NA	NA	NA	NA
Social sciences, n.e.c.	22,156	NA	NA	NA	NA	NA	NA
History	NA	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	27,747	NA	NA	NA	NA	NA	NA

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

Table 1G. Federal obligations for total research, by detailed field of science & engineering: HHS, Alcohol, Drug Abuse, & Mental Health Administration, fiscal years 1970-2003

[Dollars in thousands]

Field of science & engineering	1998	1999	2000	2001	Preliminary	
					2002	2003
Total, all fields	NA	NA	NA	NA	NA	NA
Life sciences, total	NA	NA	NA	NA	NA	NA
Biol & agricultural, total	NA	NA	NA	NA	NA	NA
Biol (excl environmental)	NA	NA	NA	NA	NA	NA
Environmental biology	NA	NA	NA	NA	NA	NA
Agricultural	NA	NA	NA	NA	NA	NA
Medical sciences, total	NA	NA	NA	NA	NA	NA
Clinical medical	NA	NA	NA	NA	NA	NA
Other medical	NA	NA	NA	NA	NA	NA
Life sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Psychology, total	NA	NA	NA	NA	NA	NA
Biological aspects	NA	NA	NA	NA	NA	NA
Social aspects	NA	NA	NA	NA	NA	NA
Psychological sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Physical sciences, total	NA	NA	NA	NA	NA	NA
Astronomy	NA	NA	NA	NA	NA	NA
Chemistry	NA	NA	NA	NA	NA	NA
Physics	NA	NA	NA	NA	NA	NA
Physical sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Environmental sciences, total	NA	NA	NA	NA	NA	NA
Atmospheric sciences	NA	NA	NA	NA	NA	NA
Geological sciences	NA	NA	NA	NA	NA	NA
Oceanography	NA	NA	NA	NA	NA	NA
Environmental sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Math & computer sciences, total	NA	NA	NA	NA	NA	NA
Mathematics	NA	NA	NA	NA	NA	NA
Computer sciences	NA	NA	NA	NA	NA	NA
Math & computer sciences, n.e.c.	NA	NA	NA	NA	NA	NA
Engineering, total	NA	NA	NA	NA	NA	NA
Aeronautical	NA	NA	NA	NA	NA	NA
Astronautical	NA	NA	NA	NA	NA	NA
Chemical	NA	NA	NA	NA	NA	NA
Civil	NA	NA	NA	NA	NA	NA
Electrical	NA	NA	NA	NA	NA	NA
Mechanical	NA	NA	NA	NA	NA	NA
Metallurgy & materials	NA	NA	NA	NA	NA	NA
Engineering, n.e.c.	NA	NA	NA	NA	NA	NA
Social sciences, total	NA	NA	NA	NA	NA	NA
Anthropology	NA	NA	NA	NA	NA	NA
Economics	NA	NA	NA	NA	NA	NA
Political science	NA	NA	NA	NA	NA	NA
Sociology	NA	NA	NA	NA	NA	NA
Social sciences, n.e.c.	NA	NA	NA	NA	NA	NA
History	NA	NA	NA	NA	NA	NA
Linguistics	NA	NA	NA	NA	NA	NA
Other social sciences	NA	NA	NA	NA	NA	NA
Other sciences, n.e.c.	NA	NA	NA	NA	NA	NA

KEY: HHS = Department of Health & Human Services
 NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year, or that the agency or subagency did not exist as such or in that organization in that year)
 n.e.c. = Not elsewhere classified

NOTES: Due to reorganization within the Department of Health & Human Services, the Alcohol, Drug Abuse, & Mental Health Administration ceased to exist as of October 1992, and its research and development functions are reported with the National Institutes of Health data beginning with fiscal year 1992. However, research support for some fields (such as psychology) in fiscal year 1992 seems to be underreported.

Data shown for fiscal years 1970-78 represent obligations of the Department of Health, Education, and Welfare. In 1979 the Department of Health, Education, and Welfare reorganized to become the Department of Health & Human Services and the Department of Education.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2001, 2002, and 2003