

Appendix table 5-7

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Federal obligations for academic research, by agency: 1970–2007

Year	All agencies	DOD	DOE ^a	NASA	NIH ^b	NSF	USDA	All other agencies
Current \$millions								
1970.....	1,276	173	97	65	480	223	65	174
1971.....	1,430	184	90	70	551	254	72	210
1972.....	1,643	177	81	48	677	346	87	226
1973.....	1,691	161	79	80	749	370	94	158
1974.....	1,958	167	86	85	1,004	369	94	153
1975.....	2,079	165	112	91	1,036	420	108	148
1976.....	2,250	192	116	98	1,138	429	119	158
1977.....	2,584	221	134	105	1,269	505	139	211
1978.....	2,928	243	175	116	1,437	534	181	241
1979.....	3,333	271	204	125	1,657	612	198	266
1980.....	3,699	313	224	146	1,835	680	214	287
1981.....	3,920	363	248	157	1,929	698	240	284
1982.....	4,045	413	236	156	1,995	713	253	280
1983.....	4,468	472	273	170	2,246	783	273	250
1984.....	5,030	539	311	177	2,573	880	260	290
1985.....	5,726	587	336	213	2,990	1,002	292	305
1986.....	5,883	707	334	225	3,054	992	273	298
1987.....	6,640	681	372	263	3,651	1,096	279	298
1988.....	7,023	729	384	310	3,856	1,143	304	297
1989.....	7,793	840	437	387	4,167	1,254	326	382
1990.....	8,137	795	479	422	4,349	1,321	346	426
1991.....	8,868	794	596	474	4,729	1,436	384	456
1992.....	9,061	912	605	512	4,517	1,540	436	538
1993.....	9,892	1,090	547	539	5,253	1,562	429	472
1994.....	10,292	1,079	529	555	5,517	1,680	436	496
1995.....	10,354	1,047	558	588	5,481	1,734	431	516
1996.....	10,707	1,071	566	560	5,924	1,740	373	471
1997.....	11,173	945	552	596	6,309	1,819	437	515
1998.....	11,739	963	564	648	6,716	1,875	408	566
1999.....	13,204	989	562	745	7,733	2,076	482	617
2000.....	16,022	1,113	619	721	10,087	2,265	547	670
2001.....	18,657	1,697	695	812	11,528	2,498	643	785
2002.....	20,285	1,591	702	933	13,062	2,696	581	721
2003.....	21,676	1,302	729	937	14,350	2,978	627	754
2004.....	22,699	1,282	797	661	15,184	3,122	638	1,015
2005.....	23,156	1,348	776	581	15,657	3,072	694	1,028
2006 (estimated).....	23,447	1,461	696	610	15,696	3,107	802	1,076
2007 (estimated).....	23,361	1,282	761	640	15,768	3,321	575	1,015
2000 constant \$millions								
1970.....	4,722	640	359	241	1,776	825	241	644
1971.....	5,040	649	317	247	1,942	895	254	740
1972.....	5,530	596	273	162	2,279	1,165	293	761
1973.....	5,451	519	255	258	2,415	1,193	303	509
1974.....	5,887	502	259	256	3,019	1,109	283	460
1975.....	5,662	449	305	248	2,822	1,144	294	403
1976.....	5,715	488	295	249	2,891	1,090	302	401
1977.....	6,106	522	317	248	2,999	1,193	328	499
1978.....	6,483	538	387	257	3,182	1,182	401	534
1979.....	6,829	555	418	256	3,395	1,254	406	545
1980.....	6,968	590	422	275	3,457	1,281	403	541
1981.....	6,726	623	426	269	3,310	1,198	412	487
1982.....	6,496	663	379	251	3,204	1,145	406	450
1983.....	6,872	726	420	261	3,454	1,204	420	385
1984.....	7,461	799	461	263	3,817	1,305	386	430
1985.....	8,226	843	483	306	4,296	1,440	419	438

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Federal obligations for academic research, by agency: 1970–2007

Year	All agencies	DOD	DOE ^a	NASA	NIH ^b	NSF	USDA	All other agencies
1986.....	8,260	993	469	316	4,288	1,393	383	418
1987.....	9,085	932	509	360	4,995	1,500	382	408
1988.....	9,316	967	509	411	5,115	1,516	403	394
1989.....	9,951	1,073	558	494	5,321	1,601	416	488
1990.....	10,018	979	590	520	5,354	1,626	426	524
1991.....	10,523	942	707	562	5,612	1,703	456	541
1992.....	10,488	1,056	701	593	5,229	1,783	505	623
1993.....	11,201	1,234	620	610	5,948	1,769	486	534
1994.....	11,406	1,195	586	615	6,114	1,862	483	550
1995.....	11,234	1,136	605	638	5,947	1,881	468	560
1996.....	11,403	1,140	603	596	6,309	1,853	398	502
1997.....	11,695	990	578	624	6,604	1,904	457	539
1998.....	12,134	995	583	670	6,942	1,938	422	585
1999.....	13,473	1,009	573	760	7,890	2,119	491	630
2000.....	16,022	1,113	619	721	10,087	2,265	547	670
2001.....	18,336	1,667	683	798	11,330	2,455	632	772
2002.....	19,552	1,533	677	899	12,590	2,598	560	695
2003.....	20,473	1,229	689	885	13,553	2,813	592	712
2004.....	20,920	1,181	735	609	13,994	2,878	588	935
2005.....	20,697	1,205	694	519	13,994	2,746	620	919
2006 (estimated).....	20,331	1,267	603	529	13,610	2,694	695	933
2007 (estimated).....	19,756	1,084	644	542	13,335	2,808	486	858
Percent distribution								
1970.....	100.0	13.6	7.6	5.1	37.6	17.5	5.1	13.6
1971.....	100.0	12.9	6.3	4.9	38.5	17.8	5.0	14.7
1972.....	100.0	10.8	4.9	2.9	41.2	21.1	5.3	13.8
1973.....	100.0	9.5	4.7	4.7	44.3	21.9	5.6	9.3
1974.....	100.0	8.5	4.4	4.3	51.3	18.8	4.8	7.8
1975.....	100.0	7.9	5.4	4.4	49.8	20.2	5.2	7.1
1976.....	100.0	8.5	5.2	4.4	50.6	19.1	5.3	7.0
1977.....	100.0	8.6	5.2	4.1	49.1	19.5	5.4	8.2
1978.....	100.0	8.3	6.0	4.0	49.1	18.2	6.2	8.2
1979.....	100.0	8.1	6.1	3.8	49.7	18.4	5.9	8.0
1980.....	100.0	8.5	6.1	3.9	49.6	18.4	5.8	7.8
1981.....	100.0	9.3	6.3	4.0	49.2	17.8	6.1	7.2
1982.....	100.0	10.2	5.8	3.9	49.3	17.6	6.3	6.9
1983.....	100.0	10.6	6.1	3.8	50.3	17.5	6.1	5.6
1984.....	100.0	10.7	6.2	3.5	51.2	17.5	5.2	5.8
1985.....	100.0	10.3	5.9	3.7	52.2	17.5	5.1	5.3
1986.....	100.0	12.0	5.7	3.8	51.9	16.9	4.6	5.1
1987.....	100.0	10.3	5.6	4.0	55.0	16.5	4.2	4.5
1988.....	100.0	10.4	5.5	4.4	54.9	16.3	4.3	4.2
1989.....	100.0	10.8	5.6	5.0	53.5	16.1	4.2	4.9
1990.....	100.0	9.8	5.9	5.2	53.5	16.2	4.2	5.2
1991.....	100.0	9.0	6.7	5.3	53.3	16.2	4.3	5.1
1992.....	100.0	10.1	6.7	5.7	49.9	17.0	4.8	5.9
1993.....	100.0	11.0	5.5	5.4	53.1	15.8	4.3	4.8
1994.....	100.0	10.5	5.1	5.4	53.6	16.3	4.2	4.8
1995.....	100.0	10.1	5.4	5.7	52.9	16.7	4.2	5.0
1996.....	100.0	10.0	5.3	5.2	55.3	16.3	3.5	4.4
1997.....	100.0	8.5	4.9	5.3	56.5	16.3	3.9	4.6
1998.....	100.0	8.2	4.8	5.5	57.2	16.0	3.5	4.8
1999.....	100.0	7.5	4.3	5.6	58.6	15.7	3.6	4.7
2000.....	100.0	6.9	3.9	4.5	63.0	14.1	3.4	4.2
2001.....	100.0	9.1	3.7	4.4	61.8	13.4	3.4	4.2
2002.....	100.0	7.8	3.5	4.6	64.4	13.3	2.9	3.6
2003.....	100.0	6.0	3.4	4.3	66.2	13.7	2.9	3.5

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Year	All agencies	DOD	DOE ^a	NASA	NIH ^b	NSF	USDA	All other agencies
2004.....	100.0	5.6	3.5	2.9	66.9	13.8	2.8	4.5
2005.....	100.0	5.8	3.4	2.5	67.6	13.3	3.0	4.4
2006 (estimated)	100.0	6.2	3.0	2.6	66.9	13.3	3.4	4.6
2007 (estimated)	100.0	5.5	3.3	2.7	67.5	14.2	2.5	4.3

DOD = Department of Defense; DOE = Department of Energy; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = U.S. Department of Agriculture

^aDOE data for 1970–73 from Atomic Energy Commission, for 1974–76 from Energy Research and Development Administration, and for 1977 and thereafter from DOE.

^bNIH data include Alcohol, Drug Abuse, and Mental Health Administration (ADAMHA), an agency in the Department of Health and Human Services replaced in 1992 by the Substance Abuse and Mental Health Services Administration. Three research entities of ADAMHA (National Institute of Mental Health, National Institute on Alcohol Abuse and Alcoholism, and National Institute on Drug Abuse) merged at that time into NIH.

NOTES: Academic research includes basic and applied research. Detail may not add to total because of rounding. See appendix table 4-1 for gross domestic product implicit price deflators used to convert current dollars to constant 2000 dollars.

SOURCES: NSF, Division of Science Resources Statistics, Federal Funds for Research and Development: Fiscal Years 2005, 2006, and 2007 (forthcoming); and Federal Funds for Research and Development: Detailed Historical Tables: Fiscal Years 1951–2002, NSF 03-325 (2003), <http://www.nsf.gov/sbe/srs/nsf03325/start.htm>.

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