

**Table 17. Federal obligations for research, by performer:  
fiscal years 1970-2002**

[Dollars in thousands]

Fiscal years	Total	Intramural <sup>1</sup>	Extramural							Foreign
			Industrial firms excl FFRDCs	FFRDCs admin by industrial firms	Univ & col excluding FFRDCs	FFRDCs admin by univ & col	Nonprofit inst excl FFRDCs	FFRDCs admin by nonprofit inst	State and local govts	
1970 .....	4,900,798	1,903,904	876,451	72,517	1,276,446	382,572	230,492	45,099	83,392	29,925
1971 .....	5,123,171	1,887,930	888,988	75,675	1,430,171	358,906	282,014	52,004	95,849	51,634
1972 .....	5,547,696	1,984,412	906,586	75,315	1,642,803	398,441	341,972	59,874	93,771	44,522
1973 .....	5,581,429	2,088,473	887,311	68,731	1,691,055	355,166	316,180	50,237	84,289	39,987
1974 .....	6,175,240	2,270,187	874,616	98,209	1,958,267	373,966	414,163	50,763	91,024	44,045
1975 .....	6,729,708	2,463,780	1,010,246	135,701	2,078,766	425,512	394,676	64,816	111,907	44,304
1976 .....	7,619,332	2,879,166	1,102,954	176,509	2,249,735	548,278	435,434	57,498	119,371	50,387
1977 .....	8,514,115	2,957,666	1,367,256	192,169	2,583,507	670,304	512,163	55,552	115,177	60,321
1978 .....	9,606,758	3,220,762	1,651,406	235,173	2,928,039	714,850	590,851	66,926	128,827	69,924
1979 .....	10,535,005	3,481,232	1,761,951	244,980	3,333,375	800,601	622,643	73,352	139,466	77,405
1980 .....	11,597,378	3,666,272	2,077,605	311,031	3,699,071	851,155	678,446	71,719	150,932	91,147
1981 .....	12,212,780	4,034,199	1,958,306	351,344	3,920,144	940,602	705,197	67,704	129,312	105,972
1982 .....	13,022,185	4,194,205	2,156,575	487,348	4,045,437	1,056,701	743,534	104,154	125,906	108,325
1983 .....	14,253,525	4,710,259	2,114,205	522,649	4,467,944	1,250,051	836,904	85,152	136,746	129,615
1984 <sup>2</sup> .....	14,978,773	4,764,680	2,137,440	496,463	5,029,671	1,335,922	922,621	87,262	88,167	116,547
1985 .....	16,133,421	5,056,116	2,074,373	485,892	5,726,267	1,421,290	1,045,125	97,018	89,487	137,853
1986 .....	16,502,199	5,160,343	2,280,461	482,068	5,883,444	1,291,695	1,062,892	87,933	90,966	162,397
1987 .....	17,940,521	5,437,720	2,448,590	433,532	6,640,210	1,471,042	1,207,496	89,803	90,200	121,928
1988 .....	18,650,145	5,338,381	2,642,471	455,208	7,022,910	1,564,827	1,299,980	82,861	103,104	140,403
1989 .....	20,765,531	5,896,986	2,875,047	604,329	7,793,146	1,703,426	1,519,835	109,513	121,168	142,081
1990 .....	21,622,364	5,809,836	3,191,641	614,285	8,136,530	1,791,542	1,660,002	137,625	126,427	154,476
1991 .....	23,968,377	6,454,385	3,406,515	709,570	8,867,537	2,160,921	1,925,885	170,923	129,288	143,353
1992 .....	24,490,598	6,523,260	3,451,220	684,860	9,060,674	2,351,777	2,049,647	139,932	109,276	119,952
1993 .....	26,890,497	7,451,773	3,923,802	799,251	9,892,287	2,299,421	2,041,313	173,432	211,830	97,388
1994 .....	27,411,209	7,481,141	4,063,942	737,194	10,291,706	2,181,119	2,102,123	178,416	230,751	144,817
1995 .....	28,434,396	7,684,546	4,698,680	811,589	10,353,829	2,233,593	2,078,705	207,218	221,388	144,848
1996 .....	28,259,764	7,513,198	4,269,142	696,232	10,706,568	2,385,030	2,178,891	195,458	187,410	127,835
1997 .....	29,365,289	7,666,886	4,392,115	759,601	11,173,246	2,598,872	2,294,882	217,549	143,956	118,182
1998 <sup>3</sup> .....	30,922,269	7,969,118	4,632,712	844,135	11,739,003	2,742,980	2,425,249	214,489	240,080	114,503
1999 .....	33,527,514	8,685,821	4,579,849	879,251	13,203,776	2,554,078	2,806,718	469,490	232,399	116,132
2000 .....	38,470,550	9,449,563	4,801,153	700,263	16,015,881	2,773,234	3,719,843	696,080	162,517	152,016
2001 (Preliminary) ...	43,835,980	10,433,154	5,454,510	887,476	18,773,416	3,040,378	4,255,891	658,111	184,120	148,924
2002 (Preliminary) ...	45,326,908	10,701,051	5,706,949	889,319	19,495,425	2,940,325	4,586,063	655,191	203,292	149,293

<sup>1</sup> Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.

<sup>2</sup> In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

<sup>3</sup> On March 1, 1998, Brookhaven National Laboratory acquired a new nonprofit administrator (Brookhaven Science Associates, Inc.). The previous administrator was a university consortium.

**KEY:** FFRDCs = Federally funded research and development centers

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002