

**Table 47. Federal obligations for development, 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 .....	10,438,139	2,175,410	6,893,680	358,186	199,118	368,554	214,359	202,340	16,189	10,303
1971 .....	10,419,341	2,340,361	6,698,527	404,475	214,403	369,961	176,772	158,212	45,202	11,428
1972 .....	10,948,199	2,604,788	6,809,461	454,582	260,743	362,118	172,921	155,563	112,935	15,088
1973 .....	11,218,724	2,673,684	6,843,956	513,645	225,549	370,144	262,004	132,820	172,552	24,370
1974 .....	11,234,888	2,640,714	6,877,721	494,618	255,690	415,170	258,061	148,561	123,345	21,008
1975 .....	12,309,110	2,890,182	7,412,996	567,951	332,666	509,564	307,666	155,102	115,711	17,272
1976 .....	13,160,326	2,889,553	8,237,340	637,335	302,066	512,837	273,149	173,540	111,794	22,712
1977 .....	14,936,262	3,054,014	9,349,970	920,551	321,968	642,844	287,861	208,323	122,867	27,864
1978 .....	16,238,379	3,589,660	9,748,578	1,007,309	446,592	597,095	407,327	248,991	139,583	53,244
1979 .....	17,610,137	3,936,296	10,410,450	1,073,116	555,469	687,665	403,847	295,382	170,655	77,257
1980 .....	18,233,054	3,966,061	10,891,540	1,097,031	564,361	682,154	427,122	370,117	114,610	120,058
1981 .....	20,891,144	4,391,546	12,909,587	1,062,550	545,611	850,375	363,584	457,527	92,899	217,465
1982 .....	23,410,404	4,946,825	15,035,649	1,019,078	560,035	919,970	348,117	416,419	58,359	105,952
1983 .....	24,458,012	5,871,660	14,905,523	978,544	498,494	1,143,830	404,659	496,120	49,273	109,909
1984 <sup>2</sup> .....	27,246,092	6,807,635	16,472,939	1,111,975	517,231	1,149,898	574,631	509,824	42,750	59,209
1985 .....	32,226,144	7,889,328	19,630,492	1,304,900	613,453	1,395,123	654,124	592,172	39,893	106,659
1986 .....	34,910,165	8,374,556	21,920,719	1,214,953	675,353	1,475,958	614,099	463,255	37,417	133,855
1987 .....	37,313,172	7,975,344	24,319,596	1,426,431	697,042	1,738,582	503,921	420,841	58,044	173,371
1988 .....	38,119,280	8,776,214	24,076,723	1,456,106	804,781	1,909,097	383,231	422,726	39,019	251,383
1989 .....	40,640,953	9,127,619	25,672,871	1,452,000	878,820	1,793,624	480,019	412,439	46,261	777,300
1990 .....	41,937,107	10,039,110	26,178,380	1,712,523	1,001,013	1,658,296	588,182	484,015	87,451	188,137
1991 .....	37,326,775	8,683,782	23,014,069	1,458,686	1,301,002	1,442,897	711,517	508,494	85,784	120,544
1992 .....	41,101,992	9,059,550	26,293,617	1,432,173	1,210,565	1,503,690	753,912	605,710	74,839	167,936
1993 .....	40,423,528	9,211,564	26,295,202	652,075	1,316,098	1,314,770	770,554	579,979	108,495	174,791
1994 .....	39,824,181	8,650,937	26,390,911	556,300	1,505,222	1,111,814	834,764	557,561	94,654	122,018
1995 .....	39,752,402	9,340,247	25,537,431	390,211	1,573,719	1,328,021	755,428	617,853	95,095	114,397
1996 .....	39,393,283	9,027,213	26,104,675	440,722	1,271,182	1,062,060	707,877	559,714	59,329	160,511
1997 .....	40,461,490	9,051,304	27,027,163	368,633	1,385,707	1,102,138	666,687	603,414	117,116	139,328
1998 <sup>3</sup> .....	41,178,455	9,152,418	27,365,899	344,716	1,641,727	1,147,175	746,007	388,498	207,386	184,629
1999 .....	41,813,108	9,398,880	27,321,807	448,771	1,755,338	1,342,333	801,953	443,722	125,073	175,231
2000 .....	34,392,688	7,700,212	22,934,397	400,604	799,250	1,279,923	496,777	535,385	61,486	184,654
2001(Preliminary) ....	37,062,088	8,286,358	24,868,836	558,715	841,493	1,327,377	562,397	459,092	72,446	85,374
2002(Preliminary) ...	35,318,543	7,584,183	24,108,012	508,064	703,449	1,273,493	504,835	463,750	65,973	106,784

<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