

**Table 27. Federal obligations for basic 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 .....	1,925,908	558,437	184,984	29,746	808,095	236,984	80,148	3,536	13,855	10,123
1971 .....	1,980,141	565,441	166,602	29,227	879,356	227,689	85,150	2,159	16,617	7,900
1972 .....	2,186,937	596,943	151,428	32,188	1,021,385	254,485	96,430	7,235	15,615	11,228
1973 .....	2,232,006	608,085	176,124	39,403	1,048,189	228,984	98,497	3,441	16,194	13,089
1974 .....	2,387,681	695,898	123,963	31,545	1,144,748	223,098	127,067	6,210	16,812	18,340
1975 .....	2,588,427	733,512	118,506	47,857	1,260,609	257,548	128,234	13,824	14,009	14,328
1976 .....	2,767,454	786,017	131,077	59,811	1,341,738	284,884	126,494	7,892	12,914	16,627
1977 .....	3,258,640	914,084	208,130	53,065	1,555,067	324,119	162,530	5,645	15,603	20,397
1978 .....	3,698,604	1,029,258	247,715	65,416	1,759,234	356,772	192,766	5,769	17,050	24,624
1979 .....	4,192,665	1,089,126	277,074	66,642	2,079,925	393,607	240,317	6,700	19,758	19,516
1980 .....	4,674,156	1,182,465	325,276	70,352	2,320,253	436,824	279,503	7,509	23,875	28,099
1981 .....	5,041,295	1,301,827	292,916	73,278	2,503,223	490,565	313,140	8,638	26,530	31,178
1982 .....	5,481,605	1,465,534	270,896	87,384	2,727,126	516,704	355,605	8,990	24,473	24,893
1983 .....	6,260,131	1,689,837	292,908	82,961	3,112,307	603,956	409,585	8,031	32,068	28,478
1984 <sup>2</sup> .....	7,067,359	1,861,076	377,909	91,090	3,530,806	668,880	473,575	8,187	28,128	27,708
1985 .....	7,818,682	1,923,412	380,120	122,595	4,038,709	724,205	555,786	12,441	30,546	30,868
1986 .....	8,153,076	2,018,877	511,617	117,561	4,132,073	724,130	572,139	12,985	30,949	32,745
1987 .....	8,942,425	2,046,202	466,953	119,928	4,665,622	906,703	657,702	13,302	37,507	28,506
1988 .....	9,473,618	2,050,264	596,894	133,037	4,868,297	989,811	728,644	17,673	42,709	46,289
1989 .....	10,602,011	2,313,438	773,233	223,872	5,221,354	1,098,059	838,871	42,192	43,553	47,439
1990 .....	11,285,593	2,294,618	887,485	246,804	5,548,169	1,227,261	924,100	59,240	50,358	47,558
1991 .....	12,170,794	2,391,625	949,943	263,995	6,064,497	1,306,245	1,015,454	80,840	49,134	49,061
1992 .....	12,489,864	2,337,595	920,349	247,230	6,331,777	1,394,148	1,097,168	65,473	42,370	53,754
1993 .....	13,399,121	2,661,779	896,253	243,603	6,833,734	1,402,662	1,164,896	71,257	71,687	53,250
1994 .....	13,523,476	2,497,817	1,109,561	237,622	6,992,279	1,336,044	1,132,894	74,407	75,218	67,634
1995 .....	13,877,031	2,693,539	1,214,207	239,790	6,943,925	1,438,825	1,148,297	75,172	78,705	44,571
1996 .....	14,464,035	2,676,703	1,108,801	272,785	7,443,461	1,521,044	1,234,552	76,088	80,151	50,450
1997 .....	14,941,892	2,688,311	1,166,663	294,699	7,695,838	1,600,048	1,289,583	88,378	68,432	49,940
1998 <sup>3</sup> .....	15,613,012	2,918,509	1,119,389	326,405	7,951,739	1,642,306	1,397,565	121,849	84,876	50,374
1999 .....	17,443,653	3,255,172	1,082,837	313,434	9,107,066	1,565,490	1,650,021	354,862	61,390	53,381
2000 .....	19,569,849	3,621,789	1,356,548	171,343	10,056,698	1,674,020	1,985,269	521,619	75,663	106,900
2001 (Preliminary) ...	22,704,680	3,953,734	1,862,299	229,883	11,894,679	1,822,920	2,263,811	491,929	87,336	98,089
2002 (Preliminary) ...	23,399,291	4,270,783	1,828,189	243,932	12,178,223	1,687,504	2,507,379	497,573	94,775	90,933

<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