

TABLE 2. R&D expenditures at universities and colleges, by character of work: FY 1953–2007
(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
1953	255	110	43.1	145	56.9
1954	290	136	46.9	154	53.1
1955	312	159	51.0	153	49.0
1956	372	200	53.8	172	46.2
1957	410	240	58.5	170	41.5
1958	456	281	61.6	175	38.4
1959	526	343	65.2	183	34.8
1960	646	433	67.0	213	33.0
1961	763	536	70.2	227	29.8
1962	904	659	72.9	245	27.1
1963	1,081	814	75.3	267	24.7
1964	1,275	1,003	78.7	272	21.3
1965	1,474	1,138	77.2	336	22.8
1966	1,715	1,303	76.0	412	24.0
1967	1,921	1,457	75.8	464	24.2
1968	2,149	1,650	76.8	499	23.2
1969	2,225	1,711	76.9	514	23.1
1970	2,335	1,796	76.9	539	23.1
1971	2,500	1,914	76.6	586	23.4
1972	2,630	2,022	76.9	608	23.1
1973	2,884	2,053	71.2	831	28.8
1974	3,022	2,153	71.2	869	28.8
1975	3,409	2,410	70.7	999	29.3
1976	3,729	2,549	68.4	1,180	31.6
1977	4,067	2,800	68.8	1,267	31.2
1978 ^a	4,625	na	na	na	na
1979	5,366	3,619	67.4	1,747	32.6
1980	6,063	4,036	66.6	2,026	33.4
1981	6,847	4,594	67.1	2,253	32.9
1982	7,324	4,879	66.6	2,445	33.4
1983	7,882	5,303	67.3	2,579	32.7
1984	8,620	5,733	66.5	2,887	33.5
1985	9,687	6,556	67.7	3,131	32.3
1986	10,928	7,492	68.6	3,435	31.4
1987	12,153	8,393	69.1	3,760	30.9
1988	13,463	8,894	66.1	4,569	33.9
1989	14,979	9,793	65.4	5,186	34.6
1990	16,290	10,645	65.3	5,645	34.7
1991	17,589	11,607	66.0	5,982	34.0
1992	18,821	12,516	66.5	6,305	33.5
1993	19,954	13,303	66.7	6,651	33.3
1994	21,035	13,989	66.5	7,046	33.5
1995	22,179	14,812	66.8	7,367	33.2
1996	23,055	15,481	67.1	7,574	32.9
1997	24,380	16,602	68.1	7,778	31.9
1998	25,867	19,057	73.7	6,810	26.3
1999	27,544	20,376	74.0	7,168	26.0
2000	30,084	22,465	74.7	7,619	25.3
2001	32,824	24,397	74.3	8,427	25.7
2002	36,405	27,320	75.0	9,085	25.0
2003	40,100	30,006	74.8	10,094	25.2

TABLE 2. R&D expenditures at universities and colleges, by character of work: FY 1953–2007
(Dollars in millions)

Fiscal year	All R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
2004	43,258	31,958	73.9	11,300	26.1
2005	45,793	34,358	75.0	11,434	25.0
2006	47,743	36,063	75.5	11,680	24.5
2007	49,431	37,609	76.1	11,822	23.9

na = not applicable; separate data for basic research and applied research and development were not collected for FY 1978.

^a FY 1978 data are estimated based on data collected from doctorate-granting institutions only.

NOTES: R&D expenditures by character of work are based on estimates of basic research provided by universities and colleges. Because of rounding, detail may not add to total. The character of work estimation procedure was revised for FY 1998 and later years; hence, these data are not directly comparable with data for FY 1997 and earlier years.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2007.