

TABLE 3. Federally financed R&D expenditures at universities and colleges, by character of work: FY 1953–2007
(Dollars in millions)

Fiscal year	All federal R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
1953	138	na	na	na	na
1954	160	na	na	na	na
1955	169	na	na	na	na
1956	213	na	na	na	na
1957	229	na	na	na	na
1958	254	na	na	na	na
1959	306	na	na	na	na
1960	405	na	na	na	na
1961	500	na	na	na	na
1962	613	na	na	na	na
1963	760	na	na	na	na
1964	917	na	na	na	na
1965	1,073	na	na	na	na
1966	1,261	na	na	na	na
1967	1,409	na	na	na	na
1968	1,572	na	na	na	na
1969	1,600	na	na	na	na
1970	1,647	na	na	na	na
1971	1,724	na	na	na	na
1972	1,795	1,420	79.1	375	20.9
1973	1,985	1,454	73.2	531	26.8
1974	2,032	1,523	75.0	509	25.0
1975	2,288	1,695	74.1	593	25.9
1976	2,512	1,841	73.3	671	26.7
1977	2,726	2,007	73.6	719	26.4
1978 ^a	3,059	na	na	na	na
1979	3,598	2,577	71.6	1,022	28.4
1980	4,098	2,861	69.8	1,237	30.2
1981	4,571	3,260	71.3	1,311	28.7
1982	4,768	3,402	71.3	1,367	28.7
1983	4,989	3,547	71.1	1,442	28.9
1984	5,431	3,830	70.5	1,601	29.5
1985	6,064	4,343	71.6	1,722	28.4
1986	6,712	4,868	72.5	1,844	27.5
1987	7,343	5,375	73.2	1,968	26.8
1988	8,193	5,678	69.3	2,515	30.7
1989	8,993	6,195	68.9	2,797	31.1
1990	9,640	6,649	69.0	2,991	31.0
1991	10,238	7,128	69.6	3,110	30.4
1992	11,095	7,718	69.6	3,377	30.4
1993	11,960	8,398	70.2	3,562	29.8
1994	12,654	8,878	70.2	3,775	29.8
1995	13,337	9,399	70.5	3,938	29.5
1996	13,847	9,868	71.3	3,978	28.7
1997	14,321	10,316	72.0	4,006	28.0
1998	15,159	11,862	78.2	3,298	21.8
1999	16,112	12,665	78.6	3,446	21.4
2000	17,548	13,847	78.9	3,700	21.1
2001	19,244	15,049	78.2	4,195	21.8
2002	21,873	17,221	78.7	4,652	21.3
2003	24,771	19,539	78.9	5,232	21.1

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Fiscal year	All federal R&D expenditures	Basic research		Applied research and development	
		Amount	Percent	Amount	Percent
2004	27,644	21,361	77.3	6,283	22.7
2005	29,203	22,895	78.4	6,308	21.6
2006	30,124	23,691	78.6	6,433	21.4
2007	30,441	23,963	78.7	6,478	21.3

na = not applicable: separate data for federally financed basic research and applied research and development were not collected for these years.

^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.