

Appendix table 5-1

**Academic R&D expenditures directed to basic research, applied research, and development: 1970–2002**

(Percent distribution)

Year	All academic R&D	Basic research	Applied research	Development
1970	100.0	76.7	18.7	4.6
1971	100.0	76.7	19.5	3.8
1972	100.0	73.9	22.5	3.7
1973	100.0	71.2	24.6	4.3
1974	100.0	71.0	24.7	4.4
1975	100.0	69.5	26.2	4.4
1976	100.0	68.6	26.7	4.7
1977	100.0	68.3	25.9	5.8
1978	100.0	67.6	25.0	7.5
1979	100.0	67.0	24.8	8.2
1980	100.0	66.8	25.1	8.0
1981	100.0	66.9	25.1	8.0
1982	100.0	67.0	25.2	7.9
1983	100.0	66.9	25.6	7.5
1984	100.0	67.1	25.5	7.4
1985	100.0	68.1	24.5	7.3
1986	100.0	68.8	24.1	7.1
1987	100.0	67.5	25.1	7.4
1988	100.0	65.7	26.6	7.7
1989	100.0	65.4	26.8	7.8
1990	100.0	65.7	26.0	8.3
1991	100.0	66.3	25.3	8.4
1992	100.0	66.6	25.2	8.2
1993	100.0	66.6	25.1	8.3
1994	100.0	66.6	24.9	8.4
1995	100.0	67.0	25.0	8.0
1996	100.0	67.6	24.8	7.6
1997	100.0	71.0	22.2	6.9
1998	100.0	73.8	19.9	6.2
1999	100.0	74.3	20.8	4.9
2000	100.0	74.3	21.8	3.9
2001	100.0	74.0	22.1	3.9
2002	100.0	74.1	22.2	3.7

NOTES: Data for 2001 and 2002 are preliminary. Expenditure levels for academic R&D are also in reference to calendar years. These levels are approximations based on FY data. Because of changes in estimation procedures, the character of work data before FY 1998 is not comparable with that of later years. For details of methodological issues of measurement, see *The Methodology Underlying the Measurement of R&D Expenditures: 2002* (NSF/SRS, Arlington, VA, forthcoming). Data are based on annual reports by performers. See appendix tables 4-3, 4-7, 4-11, and 4-15.

SOURCE: National Science Foundation, Division of Science Resources Statistics, *National Patterns of R&D Resources* (Arlington, VA, annual series).