

TABLE 10. Trends in federal and nonfederal research and development expenditures as percentage of total research and development: 1953–2004
(Percent)

| Year | Federal | | | | Nonfederal |
|------------------|---------|-----------------|---------------|------------------|------------|
| | Total | Defense related | Space related | Civilian related | |
| 1953 | 53.9 | 48.0 | 1.0 | 4.9 | 46.1 |
| 1954 | 55.2 | 49.0 | 1.0 | 5.2 | 44.8 |
| 1955 | 57.4 | 48.7 | 1.0 | 7.7 | 42.6 |
| 1956 | 58.6 | 49.6 | 0.9 | 8.0 | 41.4 |
| 1957 | 62.9 | 52.8 | 1.0 | 9.2 | 37.1 |
| 1958 | 63.9 | 53.1 | 1.8 | 9.0 | 36.1 |
| 1959 | 65.4 | 53.6 | 2.9 | 8.9 | 34.6 |
| 1960 | 65.0 | 51.4 | 4.4 | 9.2 | 35.0 |
| 1961 | 65.1 | 48.1 | 7.3 | 9.7 | 34.9 |
| 1962 | 64.8 | 49.1 | 6.6 | 9.1 | 35.2 |
| 1963 | 66.5 | 41.9 | 13.6 | 11.0 | 33.5 |
| 1964 | 66.8 | 37.0 | 19.0 | 10.9 | 33.2 |
| 1965 | 65.1 | 33.2 | 20.9 | 11.1 | 34.9 |
| 1966 | 64.2 | 32.4 | 19.6 | 12.2 | 35.8 |
| 1967 | 62.4 | 35.3 | 14.4 | 12.7 | 37.6 |
| 1968 | 60.7 | 34.7 | 13.6 | 12.4 | 39.3 |
| 1969 | 58.6 | 34.7 | 11.5 | 12.4 | 41.4 |
| 1970 | 57.0 | 33.4 | 10.3 | 13.3 | 43.0 |
| 1971 | 56.4 | 32.7 | 9.6 | 14.1 | 43.6 |
| 1972 | 55.8 | 33.0 | 7.9 | 14.9 | 44.2 |
| 1973 | 53.6 | 32.0 | 6.7 | 14.8 | 46.4 |
| 1974 | 51.8 | 29.3 | 6.9 | 15.6 | 48.2 |
| 1975 | 52.0 | 27.6 | 7.5 | 16.8 | 48.0 |
| 1976 | 51.5 | 26.9 | 7.7 | 16.9 | 48.5 |
| 1977 | 50.9 | 27.1 | 6.6 | 17.2 | 49.1 |
| 1978 | 50.1 | 25.9 | 6.2 | 18.0 | 49.9 |
| 1979 | 49.2 | 24.8 | 5.6 | 18.8 | 50.8 |
| 1980 | 47.4 | 24.2 | 5.3 | 17.9 | 52.6 |
| 1981 | 46.7 | 24.4 | 5.2 | 17.0 | 53.3 |
| 1982 | 46.0 | 26.1 | 4.9 | 15.0 | 54.0 |
| 1983 | 46.1 | 27.7 | 4.2 | 14.2 | 53.9 |
| 1984 | 45.5 | 28.7 | 3.0 | 13.7 | 54.5 |
| 1985 | 45.9 | 29.9 | 3.1 | 12.9 | 54.1 |
| 1986 | 45.4 | 31.4 | 3.0 | 11.0 | 54.6 |
| 1987 | 46.4 | 31.7 | 3.2 | 11.4 | 53.6 |
| 1988 | 44.9 | 30.2 | 3.5 | 11.2 | 55.1 |
| 1989 | 42.6 | 27.6 | 3.9 | 11.1 | 57.4 |
| 1990 | 40.5 | 25.1 | 4.3 | 11.1 | 59.5 |
| 1991 | 37.8 | 22.4 | 4.5 | 10.9 | 62.2 |
| 1992 | 36.8 | 21.6 | 4.3 | 10.9 | 63.2 |
| 1993 | 36.5 | 21.2 | 4.4 | 10.9 | 63.5 |
| 1994 | 35.9 | 19.7 | 4.5 | 11.7 | 64.1 |
| 1995 | 34.3 | 18.6 | 4.5 | 11.2 | 65.7 |
| 1996 | 32.1 | 17.6 | 4.1 | 10.4 | 67.9 |
| 1997 | 30.4 | 16.7 | 4.1 | 9.6 | 69.6 |
| 1998 | 29.2 | 15.7 | 3.8 | 9.6 | 70.8 |
| 1999 | 27.4 | 14.6 | 3.2 | 9.5 | 72.6 |
| 2000 | 24.8 | 13.4 | 2.3 | 9.2 | 75.2 |
| 2001 | 26.3 | 13.9 | 2.4 | 9.9 | 73.7 |
| 2002 | 28.2 | 15.4 | 2.5 | 10.3 | 71.8 |
| 2003 preliminary | 29.7 | 16.7 | 2.6 | 10.4 | 70.3 |
| 2004 preliminary | 29.9 | 17.2 | 2.5 | 10.2 | 70.1 |

NOTE: Details may not sum to totals because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics,
unpublished tabulations (Arlington, VA, 2006).