

TABLE 13. Gross domestic product and research and development (federally funded, nonfederal, and total): 1953–2007

| Year | GDP | | | R&D | | | | R&D/GDP (%) | | |
|------|-----------------------|--|-----------------------------|-----------------------|-----------------------------|---|--|-------------|--------------------|-----------------------|
| | Current \$billions | Implicit price deflator (2000 = 1.00) | 2000 constant \$billions | Current \$millions | 2000 constant \$millions | Federal support (2000 constant \$millions) | Nonfederal support (2000 constant \$millions) | Total | Federal support | Nonfederal support |
| 1953 | 379.4 | 0.18240 | 2,079.5 | 5,160 | 28,289 | 15,255 | 13,035 | 1.36 | 0.73 | 0.63 |
| 1954 | 380.4 | 0.18434 | 2,065.4 | 5,617 | 30,468 | 16,806 | 13,662 | 1.48 | 0.81 | 0.66 |
| 1955 | 414.8 | 0.18709 | 2,212.8 | 6,281 | 33,573 | 19,259 | 14,314 | 1.51 | 0.87 | 0.65 |
| 1956 | 437.5 | 0.19360 | 2,255.8 | 8,500 | 43,905 | 25,713 | 18,192 | 1.94 | 1.14 | 0.81 |
| 1957 | 461.1 | 0.20039 | 2,301.1 | 9,908 | 49,445 | 31,103 | 18,342 | 2.15 | 1.35 | 0.80 |
| 1958 | 467.2 | 0.20512 | 2,279.2 | 10,915 | 53,213 | 34,000 | 19,213 | 2.34 | 1.49 | 0.84 |
| 1959 | 506.6 | 0.20754 | 2,441.3 | 12,490 | 60,179 | 39,352 | 20,827 | 2.47 | 1.61 | 0.85 |
| 1960 | 526.4 | 0.21044 | 2,501.8 | 13,711 | 65,155 | 42,364 | 22,790 | 2.60 | 1.69 | 0.91 |
| 1961 | 544.7 | 0.21281 | 2,560.0 | 14,564 | 68,438 | 44,567 | 23,871 | 2.67 | 1.74 | 0.93 |
| 1962 | 585.6 | 0.21572 | 2,715.2 | 15,636 | 72,484 | 46,997 | 25,487 | 2.67 | 1.73 | 0.94 |
| 1963 | 617.7 | 0.21801 | 2,834.0 | 17,519 | 80,359 | 53,417 | 26,941 | 2.84 | 1.89 | 0.95 |
| 1964 | 663.6 | 0.22134 | 2,998.6 | 19,103 | 86,305 | 57,668 | 28,637 | 2.88 | 1.92 | 0.96 |
| 1965 | 719.1 | 0.22538 | 3,191.1 | 20,252 | 89,858 | 58,540 | 31,318 | 2.82 | 1.83 | 0.98 |
| 1966 | 787.8 | 0.23180 | 3,399.1 | 22,072 | 95,219 | 61,107 | 34,111 | 2.80 | 1.80 | 1.00 |
| 1967 | 832.6 | 0.23897 | 3,484.6 | 23,346 | 97,696 | 60,940 | 36,756 | 2.80 | 1.75 | 1.05 |
| 1968 | 910.0 | 0.24916 | 3,652.7 | 24,666 | 98,997 | 60,058 | 38,939 | 2.71 | 1.64 | 1.07 |
| 1969 | 984.6 | 0.26153 | 3,765.4 | 25,996 | 99,399 | 58,228 | 41,171 | 2.64 | 1.55 | 1.09 |
| 1970 | 1,038.5 | 0.27538 | 3,771.9 | 26,271 | 95,400 | 54,413 | 40,987 | 2.53 | 1.44 | 1.09 |
| 1971 | 1,127.1 | 0.28916 | 3,898.6 | 26,952 | 93,207 | 52,601 | 40,606 | 2.39 | 1.35 | 1.04 |
| 1972 | 1,238.3 | 0.30171 | 4,105.0 | 28,740 | 95,258 | 53,161 | 42,097 | 2.32 | 1.30 | 1.03 |
| 1973 | 1,382.7 | 0.31854 | 4,341.5 | 30,952 | 97,167 | 52,072 | 45,095 | 2.24 | 1.20 | 1.04 |
| 1974 | 1,500.0 | 0.34721 | 4,319.6 | 33,359 | 96,077 | 49,788 | 46,289 | 2.22 | 1.15 | 1.07 |
| 1975 | 1,638.3 | 0.38007 | 4,311.2 | 35,671 | 93,855 | 48,763 | 45,092 | 2.18 | 1.13 | 1.05 |
| 1976 | 1,825.3 | 0.40202 | 4,540.9 | 39,435 | 98,092 | 50,474 | 47,617 | 2.16 | 1.11 | 1.05 |
| 1977 | 2,030.9 | 0.42758 | 4,750.5 | 43,338 | 101,356 | 51,619 | 49,737 | 2.13 | 1.09 | 1.05 |
| 1978 | 2,294.7 | 0.45762 | 5,015.0 | 48,719 | 106,462 | 53,349 | 53,113 | 2.12 | 1.06 | 1.06 |
| 1979 | 2,563.3 | 0.49553 | 5,173.4 | 55,379 | 111,757 | 54,941 | 56,816 | 2.16 | 1.06 | 1.10 |
| 1980 | 2,789.5 | 0.54062 | 5,161.7 | 63,224 | 116,947 | 55,466 | 61,481 | 2.27 | 1.07 | 1.19 |
| 1981 | 3,128.4 | 0.59128 | 5,291.7 | 72,292 | 122,264 | 57,061 | 65,203 | 2.31 | 1.08 | 1.23 |
| 1982 | 3,255.0 | 0.62738 | 5,189.3 | 80,748 | 128,707 | 59,188 | 69,519 | 2.48 | 1.14 | 1.34 |
| 1983 | 3,536.7 | 0.65214 | 5,423.8 | 89,950 | 137,930 | 63,561 | 74,369 | 2.54 | 1.17 | 1.37 |
| 1984 | 3,933.2 | 0.67664 | 5,813.6 | 102,244 | 151,105 | 68,678 | 82,427 | 2.60 | 1.18 | 1.42 |
| 1985 | 4,220.3 | 0.69724 | 6,053.7 | 114,671 | 164,464 | 75,499 | 88,964 | 2.72 | 1.25 | 1.47 |
| 1986 | 4,462.8 | 0.71269 | 6,263.6 | 120,249 | 168,725 | 76,642 | 92,082 | 2.69 | 1.22 | 1.47 |
| 1987 | 4,739.5 | 0.73204 | 6,475.1 | 126,360 | 172,614 | 80,063 | 92,551 | 2.67 | 1.24 | 1.43 |
| 1988 | 5,103.8 | 0.75706 | 6,742.7 | 133,880 | 176,842 | 79,426 | 97,417 | 2.62 | 1.18 | 1.45 |
| 1989 | 5,484.4 | 0.78569 | 6,981.4 | 141,889 | 180,591 | 76,956 | 103,635 | 2.59 | 1.10 | 1.48 |
| 1990 | 5,803.1 | 0.81614 | 7,112.5 | 151,990 | 186,230 | 75,486 | 110,744 | 2.62 | 1.06 | 1.56 |
| 1991 | 5,995.9 | 0.84457 | 7,100.5 | 160,872 | 190,478 | 71,966 | 118,513 | 2.68 | 1.01 | 1.67 |
| 1992 | 6,337.7 | 0.86402 | 7,336.6 | 165,347 | 191,370 | 70,499 | 120,871 | 2.61 | 0.96 | 1.65 |
| 1993 | 6,657.4 | 0.88390 | 7,532.7 | 165,726 | 187,494 | 68,474 | 119,020 | 2.49 | 0.91 | 1.58 |
| 1994 | 7,072.2 | 0.90265 | 7,835.5 | 169,202 | 187,450 | 67,328 | 120,123 | 2.39 | 0.86 | 1.53 |

TABLE 13. Gross domestic product and research and development (federally funded, nonfederal, and total): 1953–2007

| Year | GDP | | | R&D | | | | R&D/GDP (%) | | |
|------------------|-----------------------|--|-----------------------------|-----------------------|-----------------------------|---|--|-------------|--------------------|-----------------------|
| | Current \$billions | Implicit price deflator (2000 = 1.00) | 2000 constant \$billions | Current \$millions | 2000 constant \$millions | Federal support (2000 constant \$millions) | Nonfederal support (2000 constant \$millions) | Total | Federal support | Nonfederal support |
| 1995 | 7,397.7 | 0.92115 | 8,031.7 | 183,620 | 199,338 | 68,354 | 130,984 | 2.48 | 0.85 | 1.63 |
| 1996 | 7,816.9 | 0.93859 | 8,328.9 | 197,340 | 210,251 | 67,536 | 142,715 | 2.52 | 0.81 | 1.71 |
| 1997 | 8,304.3 | 0.95415 | 8,703.5 | 212,144 | 222,338 | 67,671 | 154,667 | 2.55 | 0.78 | 1.78 |
| 1998 | 8,747.0 | 0.96475 | 9,066.9 | 226,456 | 234,731 | 68,801 | 165,930 | 2.59 | 0.76 | 1.83 |
| 1999 | 9,268.4 | 0.97868 | 9,470.3 | 245,041 | 250,379 | 68,506 | 181,873 | 2.64 | 0.72 | 1.92 |
| 2000 | 9,817.0 | 1.00000 | 9,817.0 | 267,562 | 267,562 | 66,406 | 201,155 | 2.73 | 0.68 | 2.05 |
| 2001 | 10,128.0 | 1.02402 | 9,890.7 | 277,745 | 271,230 | 71,117 | 200,112 | 2.74 | 0.72 | 2.02 |
| 2002 | 10,469.6 | 1.04193 | 10,048.8 | 276,602 | 265,470 | 74,573 | 190,898 | 2.64 | 0.74 | 1.90 |
| 2003 | 10,960.8 | 1.06409 | 10,301.0 | 289,038 | 271,629 | 78,570 | 193,059 | 2.64 | 0.76 | 1.87 |
| 2004 | 11,685.9 | 1.09462 | 10,675.8 | 299,905 | 273,980 | 81,077 | 192,903 | 2.57 | 0.76 | 1.81 |
| 2005 | 12,433.9 | 1.13005 | 11,003.4 | 323,005 | 285,832 | 82,947 | 202,886 | 2.60 | 0.75 | 1.84 |
| 2006 | 13,194.7 | 1.16568 | 11,319.4 | 347,871 | 298,427 | 83,814 | 214,613 | 2.64 | 0.74 | 1.90 |
| 2007 preliminary | 13,843.8 | 1.19686 | 11,567.2 | 368,098 | 307,553 | 82,158 | 225,395 | 2.66 | 0.71 | 1.95 |

GDP=gross domestic product; R&D=research and development.

SOURCES: Department of Commerce, Bureau of Economic Analysis, 2008; National Science Foundation, Division of Science Resources Statistics, special tabulations, 2008.