

TABLE 1. Federal obligations for science and engineering to universities and colleges, by type of activity: FYs 1963–2010  
(Dollars in thousands)

| Fiscal year | All federal obligations | Research and development <sup>a</sup> | R&D plant <sup>a</sup> | Facilities for instruction in S&E | Fellowships, traineeships, and training grants | General support for S&E | Other S&E activities <sup>a</sup> |
|-------------|-------------------------|---------------------------------------|------------------------|-----------------------------------|--|-------------------------|-----------------------------------|
| 1963        | 1,328,511.0             | 829,524.0                             | 105,896.0              | NA                                | NA   | NA                      | 393,091.0                         |
| 1964        | 1,528,604.0             | 975,597.0                             | 100,837.0              | NA                                | NA   | NA                      | 452,170.0                         |
| 1965        | 1,816,171.0             | 1,094,963.0                           | 126,196.0              | NA                                | NA   | NA                      | 595,012.0                         |
| 1966        | 2,163,504.0             | 1,252,146.0                           | 114,767.0              | NA                                | 365,560.0                                      | NA                      | 431,031.0                         |
| 1967        | 2,323,795.0             | 1,301,242.0                           | 111,309.0              | NA                                | 447,236.0                                      | NA                      | 464,008.0                         |
| 1968        | 2,349,817.0             | 1,398,305.0                           | 96,148.0               | NA                                | 440,895.0                                      | NA                      | 414,469.0                         |
| 1969        | 2,361,399.0             | 1,474,681.0                           | 54,516.0               | NA                                | 436,270.0                                      | NA                      | 395,932.0                         |
| 1970        | 2,187,579.0             | 1,446,618.0                           | 44,778.0               | NA                                | 429,408.0                                      | NA                      | 266,775.0                         |
| 1971        | 2,343,129.0             | 1,551,391.0                           | 29,942.0               | 28,729.0                          | 421,029.0                                      | 99,669.0                | 212,369.0                         |
| 1972        | 2,599,111.0             | 1,853,085.0                           | 36,917.0               | 26,341.0                          | 387,888.0                                      | 83,288.0                | 211,592.0                         |
| 1973        | 2,464,362.0             | 1,870,690.0                           | 43,338.0               | 13,372.0                          | 287,210.0                                      | 38,964.0                | 210,788.0                         |
| 1974        | 2,736,984.0             | 2,085,204.0                           | 29,009.0               | 3,506.0                           | 326,600.0                                      | 86,974.0                | 205,691.0                         |
| 1975        | 2,805,877.0             | 2,246,182.0                           | 44,787.0               | 5,026.0                           | 201,273.0                                      | 46,353.0                | 262,256.0                         |
| 1976        | 2,959,656.0             | 2,430,970.0                           | 23,899.0               | 3,210.0                           | 174,871.0                                      | 74,483.0                | 252,223.0                         |
| 1977        | 3,351,337.0             | 2,803,017.0                           | 36,471.0               | 3,282.0                           | 184,671.0                                      | 75,928.0                | 247,968.0                         |
| 1978        | 3,962,500.0             | 3,388,438.0                           | 34,328.0               | 4,906.0                           | 205,925.0                                      | 74,398.0                | 254,505.0                         |
| 1979        | 4,473,529.0             | 3,874,384.0                           | 32,068.0               | 6,743.0                           | 204,866.0                                      | 92,483.0                | 262,985.0                         |
| 1980        | 4,790,972.0             | 4,160,543.0                           | 37,780.0               | 3,776.0                           | 210,121.0                                      | 91,541.0                | 287,211.0                         |
| 1981        | 5,062,856.0             | 4,410,931.0                           | 27,694.0               | 4,563.0                           | 205,448.0                                      | 92,721.0                | 321,499.0                         |
| 1982        | 5,179,610.0             | 4,554,475.0                           | 31,200.0               | 829.0                             | 176,582.0                                      | 80,137.0                | 336,387.0                         |
| 1983        | 5,680,699.0             | 5,024,398.0                           | 37,547.0               | 2,522.0                           | 189,616.0                                      | 94,847.0                | 331,769.0                         |
| 1984        | 6,308,014.0             | 5,448,821.0                           | 49,764.0               | 1,889.0                           | 194,895.0                                      | 112,588.0               | 500,057.0                         |
| 1985        | 7,257,862.0             | 6,246,181.0                           | 113,932.0              | 4,947.0                           | 253,082.0                                      | 119,171.0               | 520,549.0                         |
| 1986        | 7,431,624.0             | 6,457,495.0                           | 105,827.0              | 4,990.0                           | 246,196.0                                      | 111,130.0               | 505,986.0                         |
| 1987        | 8,568,215.0             | 7,241,932.0                           | 229,875.0              | 13,722.0                          | 290,942.0                                      | 236,933.0               | 554,811.0                         |
| 1988        | 9,138,149.0             | 7,721,109.0                           | 202,907.0              | 13,345.0                          | 309,348.0                                      | 171,826.0               | 719,614.0                         |
| 1989        | 10,080,452.0            | 8,528,387.0                           | 237,010.0              | 16,911.0                          | 340,458.0                                      | 197,745.0               | 759,941.0                         |
| 1990        | 10,470,772.0            | 9,016,628.0                           | 141,651.0              | 19,241.0                          | 393,820.0                                      | 143,917.0               | 755,515.0                         |
| 1991        | 11,907,557.0            | 10,091,898.0                          | 163,349.0              | 32,792.0                          | 469,297.0                                      | 192,823.0               | 957,398.0                         |
| 1992        | 12,838,077.0            | 10,926,788.0                          | 209,173.0              | 38,983.0                          | 511,127.0                                      | 160,166.0               | 991,840.0                         |
| 1993        | 12,834,138.0            | 11,024,445.0                          | 259,421.0              | 33,247.0                          | 526,331.0                                      | 66,827.0                | 923,867.0                         |
| 1994        | 13,867,116.0            | 11,898,075.0                          | 216,558.0              | 48,734.0                          | 633,228.0                                      | 136,555.0               | 933,966.0                         |
| 1995        | 14,460,863.0            | 12,180,672.0                          | 341,343.0              | 51,581.0                          | 674,464.0                                      | 263,992.0               | 948,811.0                         |
| 1996        | 14,449,848.0            | 12,345,638.0                          | 248,222.0              | 49,023.0                          | 636,293.0                                      | 219,008.0               | 951,664.0                         |
| 1997        | 15,095,948.0            | 13,019,392.0                          | 275,955.0              | 29,889.0                          | 676,610.0                                      | 170,843.0               | 923,259.0                         |
| 1998        | 16,092,764.0            | 13,875,751.0                          | 156,582.0              | 22,771.0                          | 757,312.0                                      | 237,908.0               | 1,042,440.0                       |
| 1999        | 18,057,126.0            | 15,569,103.0                          | 172,652.0              | 46,992.0                          | 843,736.0                                      | 314,652.0               | 1,109,991.0                       |
| 2000        | 19,877,232.0            | 17,289,808.0                          | 239,620.0              | 59,702.0                          | 782,841.0                                      | 314,184.0               | 1,191,077.0                       |
| 2001        | 22,491,561.0            | 19,390,153.0                          | 398,978.0              | 67,426.0                          | 842,530.0                                      | 331,904.0               | 1,460,570.0                       |
| 2002        | 24,430,674.0            | 21,154,640.0                          | 301,225.0              | 109,693.0                         | 936,862.0                                      | 431,861.0               | 1,496,393.0                       |
| 2003        | 26,659,692.0            | 22,804,253.0                          | 726,204.0              | 86,112.0                          | 949,944.0                                      | 428,796.0               | 1,664,383.0                       |
| 2004        | 27,338,022.0            | 23,810,968.0                          | 382,067.0              | 82,800.0                          | 1,048,218.0                                    | 421,318.0               | 1,592,651.0                       |
| 2005        | 28,041,903.0            | 24,683,582.0                          | 421,772.0              | 39,987.0                          | 1,045,486.0                                    | 388,914.0               | 1,462,162.0                       |
| 2006        | 28,264,540.0            | 24,991,759.0                          | 308,502.0              | 16,460.0                          | 1,036,775.0                                    | 323,060.0               | 1,587,984.0                       |
| 2007        | 28,181,929.0            | 24,997,977.0                          | 279,065.0              | 13,262.0                          | 1,101,018.0                                    | 221,735.0               | 1,568,872.0                       |

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|-------------------|-------------------------|---------------------------------------|------------------------|-----------------------------------|--|-------------------------|-----------------------------------|
| 2008              | 28,389,091.0 r          | 25,489,111.0 r                        | 274,807.0              | 3,694.0                           | 916,357.0 r                                    | 299,684.0               | 1,405,438.0 r                     |
| 2009 <sup>b</sup> | 35,486,482.6 r          | 31,778,564.6 r                        | 790,695.5              | 4,557.6                           | 966,449.6 r                                    | 242,693.9               | 1,703,521.4 r                     |
| 2010 <sup>b</sup> | 35,328,069.7            | 30,633,043.0                          | 1,661,906.9            | 5,737.1                           | 1,134,924.2                                    | 354,656.7               | 1,537,801.9                       |

NA = not available; included under Other S&E activities. r = data significantly revised; replaces previously published data.

S&E = science and engineering.

<sup>a</sup> See Technical Notes, "Changes in Reporting."

<sup>b</sup> Includes American Recovery and Reinvestment Act of 2009 obligations.

NOTE: Because of rounding, detail may not add to totals.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Science and Engineering Support to Universities, Colleges, and Nonprofit Institutions.