

TABLE 3

## Federal obligations for science and engineering to universities and colleges, by state and outlying area: FYs 2012–20

(Dollars in thousands)

| State and outlying area       | 2012         | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         | 2020         |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| All states and outlying areas | 31,216,406.9 | 29,406,914.3 | 31,158,783.3 | 30,562,878.0 | 31,648,932.4 | 32,439,650.5 | 35,303,817.9 | 38,084,444.1 | 39,122,152.2 |
| Alabama                       | 416,323.5    | 389,318.2    | 402,625.0    | 422,018.2    | 401,759.0    | 398,794.8    | 489,338.0    | 540,544.4    | 531,815.2    |
| Alaska                        | 69,789.7     | 73,350.7     | 82,629.3     | 77,383.5     | 79,941.1     | 91,347.5     | 89,974.9     | 115,684.0    | 128,043.0    |
| Arizona                       | 480,430.2    | 403,502.4    | 378,079.5    | 370,620.4    | 394,091.6    | 403,356.8    | 435,199.0    | 482,710.9    | 479,451.3    |
| Arkansas                      | 88,334.8     | 80,219.1     | 76,218.2     | 83,253.1     | 124,245.3    | 75,749.4     | 89,077.8     | 112,667.8    | 119,108.1    |
| California                    | 4,210,808.4  | 4,106,203.6  | 4,286,898.7  | 4,175,558.4  | 4,308,144.6  | 4,399,063.6  | 4,743,953.7  | 4,906,328.5  | 5,060,427.6  |
| Colorado                      | 652,013.7    | 661,640.0    | 675,390.8    | 712,445.2    | 722,558.8    | 706,244.9    | 824,607.6    | 811,513.0    | 858,983.5    |
| Connecticut                   | 551,248.8    | 523,123.9    | 549,775.0    | 530,241.7    | 583,474.8    | 584,341.2    | 637,935.8    | 688,353.2    | 739,927.3    |
| Delaware                      | 90,718.9     | 92,073.4     | 103,640.8    | 85,192.0     | 110,931.5    | 130,428.6    | 122,174.0    | 138,647.1    | 136,654.3    |
| District of Columbia          | 588,320.4    | 563,526.5    | 569,119.5    | 548,437.9    | 594,588.6    | 504,851.1    | 634,444.5    | 498,905.8    | 505,319.4    |
| Florida                       | 724,265.7    | 677,029.9    | 697,311.5    | 807,360.4    | 781,592.5    | 863,410.5    | 866,341.2    | 1,005,064.8  | 988,763.0    |
| Georgia                       | 988,519.9    | 947,192.6    | 913,948.2    | 973,142.7    | 760,343.5    | 1,072,875.6  | 1,177,290.7  | 1,377,691.0  | 1,554,935.6  |
| Hawaii                        | 181,592.4    | 172,028.4    | 174,657.5    | 144,257.1    | 158,276.2    | 144,455.9    | 158,740.8    | 172,601.3    | 150,597.6    |
| Idaho                         | 51,633.7     | 56,154.7     | 48,884.2     | 60,215.9     | 53,124.8     | 55,869.4     | 59,032.6     | 71,398.1     | 75,731.7     |
| Illinois                      | 1,272,572.4  | 1,135,342.6  | 1,165,821.3  | 1,163,027.3  | 1,205,502.9  | 1,191,519.8  | 1,275,437.5  | 1,419,237.7  | 1,470,063.6  |
| Indiana                       | 439,663.2    | 407,939.9    | 456,562.8    | 473,358.1    | 467,292.2    | 486,491.1    | 518,484.8    | 612,549.1    | 629,410.6    |
| Iowa                          | 319,625.9    | 296,944.8    | 306,501.3    | 302,734.4    | 299,278.1    | 283,441.4    | 313,361.8    | 312,625.5    | 366,818.1    |
| Kansas                        | 194,288.6    | 160,948.0    | 166,680.1    | 177,238.5    | 179,133.3    | 200,043.4    | 218,511.1    | 254,812.7    | 221,466.8    |
| Kentucky                      | 206,105.6    | 195,502.4    | 219,035.4    | 231,078.8    | 235,612.4    | 229,711.0    | 266,193.9    | 296,526.1    | 320,973.1    |
| Louisiana                     | 240,426.8    | 224,818.1    | 201,365.9    | 190,859.5    | 206,824.7    | 203,263.6    | 211,122.3    | 253,580.2    | 271,168.9    |
| Maine                         | 45,587.9     | 52,016.3     | 38,498.4     | 43,097.1     | 38,748.1     | 31,709.4     | 53,130.8     | 68,889.3     | 60,489.1     |
| Maryland                      | 2,115,555.4  | 1,990,830.1  | 2,131,720.9  | 1,993,870.8  | 2,337,178.8  | 2,184,150.6  | 2,314,775.3  | 2,415,778.0  | 2,537,078.8  |
| Massachusetts                 | 1,757,207.9  | 1,608,940.6  | 1,715,650.5  | 1,654,686.5  | 1,696,121.8  | 1,739,967.0  | 1,863,079.9  | 1,917,570.9  | 1,890,380.0  |
| Michigan                      | 1,005,241.0  | 922,114.7    | 1,280,347.5  | 1,064,850.5  | 1,105,167.1  | 1,127,172.7  | 1,208,598.9  | 1,231,391.0  | 1,264,427.6  |
| Minnesota                     | 442,162.7    | 426,052.4    | 432,099.6    | 421,531.7    | 409,401.2    | 397,657.7    | 438,929.4    | 483,036.7    | 494,618.6    |
| Mississippi                   | 131,795.6    | 130,578.3    | 126,693.6    | 149,827.3    | 168,698.2    | 163,573.0    | 194,488.5    | 216,017.8    | 174,523.6    |
| Missouri                      | 577,751.3    | 520,809.9    | 582,923.7    | 598,317.5    | 604,708.6    | 633,034.7    | 692,647.3    | 761,665.0    | 759,192.9    |
| Montana                       | 79,027.4     | 88,274.4     | 84,740.0     | 111,278.8    | 107,232.7    | 93,277.3     | 104,901.2    | 102,503.4    | 120,073.2    |
| Nebraska                      | 149,181.0    | 131,256.7    | 148,361.0    | 155,413.6    | 169,794.0    | 172,725.9    | 193,924.1    | 215,852.4    | 213,409.1    |
| Nevada                        | 55,636.5     | 59,875.9     | 69,421.2     | 65,082.9     | 68,684.0     | 63,846.2     | 68,935.3     | 91,097.7     | 92,760.8     |
| New Hampshire                 | 156,905.6    | 160,008.4    | 161,092.8    | 150,954.5    | 166,541.2    | 163,932.0    | 156,904.5    | 168,813.3    | 164,638.3    |
| New Jersey                    | 460,350.1    | 408,105.8    | 457,483.2    | 419,304.2    | 471,598.2    | 415,594.9    | 478,909.7    | 504,752.6    | 502,910.2    |
| New Mexico                    | 194,468.9    | 194,776.6    | 217,571.9    | 192,524.7    | 172,023.7    | 177,759.8    | 168,799.8    | 176,029.4    | 205,130.8    |
| New York                      | 2,395,710.5  | 2,317,458.0  | 2,512,800.1  | 2,408,460.4  | 2,503,301.0  | 2,745,391.6  | 2,939,083.7  | 3,160,971.0  | 3,330,002.7  |
| North Carolina                | 1,308,666.9  | 1,238,400.7  | 1,280,134.9  | 1,310,951.0  | 1,349,891.3  | 1,330,488.2  | 1,496,830.2  | 1,662,046.6  | 1,633,195.0  |
| North Dakota                  | 72,201.5     | 68,364.3     | 70,736.4     | 72,284.1     | 83,824.0     | 53,769.0     | 53,689.9     | 49,688.3     | 99,801.7     |
| Ohio                          | 813,448.9    | 776,618.8    | 769,987.1    | 784,305.7    | 844,023.5    | 823,800.4    | 900,294.1    | 978,559.4    | 962,786.8    |
| Oklahoma                      | 125,044.5    | 126,883.5    | 140,843.6    | 138,255.2    | 113,789.9    | 144,703.5    | 168,517.0    | 209,141.6    | 230,013.8    |
| Oregon                        | 394,334.5    | 382,304.0    | 416,284.2    | 406,984.0    | 400,291.7    | 534,768.0    | 516,043.9    | 614,234.8    | 579,066.0    |
| Pennsylvania                  | 1,887,717.5  | 1,779,222.8  | 1,907,682.2  | 1,817,788.0  | 1,867,158.9  | 2,085,288.9  | 2,223,202.0  | 2,403,531.7  | 2,325,359.4  |
| Rhode Island                  | 144,181.1    | 141,594.7    | 144,600.1    | 146,919.9    | 153,548.5    | 172,328.9    | 185,161.0    | 216,940.8    | 226,333.7    |
| South Carolina                | 220,587.5    | 203,918.4    | 237,482.2    | 232,951.9    | 265,874.5    | 269,570.2    | 283,215.8    | 287,364.3    | 296,517.0    |
| South Dakota                  | 45,244.4     | 37,289.6     | 56,883.6     | 53,781.2     | 45,555.2     | 41,439.0     | 43,725.8     | 45,425.4     | 45,103.1     |
| Tennessee                     | 634,556.8    | 584,684.8    | 610,685.2    | 588,621.3    | 639,833.5    | 585,081.9    | 667,729.4    | 662,341.7    | 785,552.9    |
| Texas                         | 1,680,849.1  | 1,482,832.5  | 1,517,064.1  | 1,578,992.9  | 1,678,287.3  | 1,766,643.4  | 1,961,228.5  | 2,146,144.9  | 2,432,708.0  |
| Utah                          | 318,018.7    | 300,376.2    | 329,106.6    | 291,983.2    | 324,097.6    | 329,758.4    | 396,963.6    | 546,005.3    | 489,657.2    |
| Vermont                       | 71,069.6     | 79,648.4     | 88,226.0     | 77,299.6     | 67,295.4     | 71,094.9     | 83,579.7     | 92,230.1     | 99,580.1     |

TABLE 3

**Federal obligations for science and engineering to universities and colleges, by state and outlying area: FYs 2012–20**

(Dollars in thousands)

| State and outlying area                | 2012      | 2013      | 2014      | 2015      | 2016      | 2017      | 2018      | 2019        | 2020      |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|
| Virginia                               | 514,168.5 | 508,966.5 | 537,079.9 | 526,601.8 | 550,181.3 | 536,876.6 | 593,674.5 | 641,633.7   | 619,535.3 |
| Washington                             | 816,934.1 | 755,635.2 | 820,577.2 | 784,059.6 | 755,053.8 | 766,493.0 | 880,489.1 | 1,021,099.3 | 908,379.7 |
| West Virginia                          | 81,147.3  | 50,015.4  | 58,329.2  | 58,656.4  | 57,544.0  | 49,766.3  | 58,313.5  | 68,634.2    | 91,425.7  |
| Wisconsin                              | 621,219.6 | 582,340.8 | 600,947.2 | 596,951.4 | 621,572.1 | 628,007.4 | 649,247.1 | 698,206.5   | 705,232.9 |
| Wyoming                                | 31,964.4  | 34,713.4  | 33,810.0  | 35,331.4  | 30,450.3  | 28,826.6  | 35,802.7  | 45,662.6    | 57,348.7  |
| American Samoa                         | 1,982.5   | 1,828.8   | 2,512.9   | 2,725.2   | 2,951.6   | 1,663.1   | 1,704.5   | 1,604.9     | 1,197.4   |
| Guam                                   | 4,528.6   | 3,610.4   | 3,455.6   | 5,732.0   | 7,522.0   | 6,419.8   | 3,895.3   | 5,382.6     | 9,924.3   |
| Puerto Rico                            | 83,638.0  | 79,888.5  | 83,723.4  | 78,842.0  | 87,382.9  | 67,523.9  | 83,590.0  | 94,104.1    | 90,998.8  |
| Trust Territory of the Pacific Islands | 4,058.1   | 3,645.9   | 4,771.8   | 5,021.8   | 5,524.4   | 2,744.0   | 0.0       | 3,131.2     | 2,731.2   |
| Virgin Islands                         | 7,580.6   | 6,173.8   | 9,310.5   | 10,215.0  | 11,364.5  | 7,542.8   | 8,589.7   | 5,520.5     | 10,409.2  |

**Note(s):**

Detail may not add to total because of rounding.

**Source(s):**

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