

Table E-12. Employed U.S. scientists and engineers, by highest degree attained, broad occupation, race/ethnicity, and years since degree: 1993

| Highest degree, occupation, and race/ethnicity | Employed S&Es, total | Years since degree | | | | | | | |
|---|----------------------|--------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | <5 years | 5-9 years | 10-14 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35+ years |
| All degree levels¹ | | | | | | | | | |
| All occupations, total² | 9,793,500 | 1,742,500 | 1,918,200 | 1,731,200 | 1,633,900 | 1,226,200 | 678,000 | 397,600 | 465,900 |
| White | 8,303,300 | 1,413,000 | 1,588,400 | 1,456,900 | 1,398,900 | 1,068,500 | 592,900 | 353,600 | 431,100 |
| Black | 503,100 | 102,900 | 107,000 | 98,200 | 93,900 | 54,700 | 23,200 | 11,100 | 12,200 |
| Hispanic | 306,800 | 72,700 | 75,500 | 63,900 | 45,600 | 23,100 | 12,000 | 7,000 | 6,900 |
| Asian | 650,800 | 148,500 | 141,300 | 106,000 | 89,900 | 76,800 | 48,600 | 25,100 | 14,500 |
| Other | 29,600 | 5,500 | 5,900 | 6,200 | 5,600 | 3,200 | 1,200 | 800 | 1,200 |
| S&E occupations, total | 3,303,400 | 670,500 | 769,100 | 599,500 | 466,300 | 340,800 | 201,400 | 128,600 | 127,200 |
| White | 2,777,500 | 528,400 | 630,400 | 510,300 | 403,800 | 298,400 | 174,400 | 114,200 | 117,600 |
| Black | 119,400 | 28,400 | 32,200 | 24,200 | 16,900 | 8,400 | 4,900 | 2,100 | 2,300 |
| Hispanic | 97,200 | 27,200 | 27,600 | 18,200 | 10,400 | 6,300 | 3,800 | 2,300 | 1,400 |
| Asian | 299,300 | 84,100 | 76,600 | 44,800 | 34,000 | 26,700 | 18,000 | 9,800 | 5,200 |
| Other | 10,000 | 2,300 | 2,200 | 2,000 | 1,200 | 900 | 400 | 200 | 700 |
| Scientists, total | 1,912,300 | 408,900 | 464,900 | 349,500 | 280,000 | 192,400 | 107,500 | 59,200 | 50,000 |
| White | 1,612,100 | 322,200 | 380,100 | 299,000 | 247,000 | 170,500 | 94,300 | 53,400 | 45,600 |
| Black | 79,800 | 19,600 | 22,000 | 14,300 | 11,400 | 6,300 | 3,400 | 1,100 | 1,600 |
| Hispanic | 53,800 | 15,700 | 15,800 | 10,100 | 5,900 | 3,100 | 1,800 | 900 | 500 |
| Asian | 160,500 | 49,600 | 45,700 | 24,700 | 15,100 | 11,700 | 7,700 | 3,700 | 2,100 |
| Other | 6,100 | 1,700 | 1,300 | 1,300 | 600 | 700 | 300 | 100 | 200 |
| Computer/math scientists, total | 991,500 | 173,900 | 268,400 | 202,600 | 148,400 | 103,800 | 51,700 | 26,100 | 16,600 |
| White | 827,700 | 131,800 | 218,400 | 171,700 | 129,900 | 91,700 | 45,300 | 24,000 | 15,000 |
| Black | 44,500 | 9,900 | 13,300 | 8,700 | 6,200 | 3,600 | 1,500 | 600 | 600 |
| Hispanic | 26,300 | 5,900 | 8,500 | 5,600 | 3,600 | 1,300 | 900 | 400 | 100 |
| Asian | 90,600 | 25,800 | 27,800 | 16,000 | 8,500 | 7,000 | 3,800 | 1,100 | 800 |
| Other | 2,400 | 500 | 400 | 800 | 100 | 200 | 200 | 100 | 100 |
| Life/related scientists, total .. | 322,300 | 75,100 | 72,300 | 50,900 | 48,500 | 31,800 | 19,300 | 11,700 | 12,600 |
| White | 269,300 | 59,300 | 57,500 | 43,000 | 42,600 | 28,500 | 16,700 | 10,200 | 11,400 |
| Black | 10,400 | 2,800 | 2,800 | 1,400 | 1,600 | 600 | 700 | 200 | 400 |
| Hispanic | 10,100 | 3,800 | 2,500 | 1,700 | 400 | 800 | 400 | 300 | 200 |
| Asian | 31,300 | 9,000 | 8,800 | 4,700 | 3,900 | 1,900 | 1,500 | 1,100 | 600 |
| Other | 1,100 | 200 | 600 | 100 | 100 | 100 | S | S | S |
| Physical/related scientists, total | 280,900 | 71,100 | 56,700 | 43,900 | 34,500 | 26,700 | 21,400 | 13,200 | 13,500 |
| White | 237,600 | 56,600 | 46,500 | 38,300 | 30,600 | 23,300 | 18,200 | 11,700 | 12,500 |
| Black | 8,000 | 2,300 | 2,100 | 1,100 | 900 | 500 | 700 | 200 | 400 |
| Hispanic | 7,100 | 2,000 | 2,200 | 1,100 | 1,000 | 300 | 200 | 100 | 200 |
| Asian | 27,200 | 9,700 | 5,900 | 3,200 | 2,000 | 2,400 | 2,300 | 1,300 | 400 |
| Other | 1,000 | 400 | S | 300 | S | 200 | S | S | S |
| Social/related scientists, total | 317,600 | 88,700 | 67,500 | 52,100 | 48,500 | 30,100 | 15,100 | 8,200 | 7,300 |
| White | 277,500 | 74,400 | 57,700 | 46,100 | 44,000 | 27,000 | 14,200 | 7,500 | 6,700 |
| Black | 16,800 | 4,700 | 3,800 | 3,200 | 2,700 | 1,600 | 500 | 200 | 200 |
| Hispanic | 10,300 | 4,000 | 2,600 | 1,800 | 900 | 700 | 200 | 100 | 100 |
| Asian | 11,400 | 5,200 | 3,200 | 900 | 700 | 400 | 200 | 400 | 400 |
| Other | 1,600 | 500 | 300 | 100 | 300 | 300 | 100 | S | S |

See explanatory information, if any, and SOURCE at end of table.

Table E-12. Employed U.S. scientists and engineers, by highest degree attained, broad occupation, race/ethnicity, and years since degree: 1993

| Highest degree, occupation, and race/ethnicity | Employed S&Es, total | Years since degree | | | | | | | |
|--|----------------------|--------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | <5 years | 5-9 years | 10-14 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35+ years |
| All degree levels¹ — continued | | | | | | | | | |
| Engineers, total | 1,391,100 | 261,600 | 304,200 | 250,100 | 186,300 | 148,400 | 93,800 | 69,400 | 77,200 |
| White | 1,165,400 | 206,200 | 250,300 | 211,200 | 156,800 | 127,900 | 80,100 | 60,900 | 72,000 |
| Black | 39,700 | 8,700 | 10,200 | 9,900 | 5,500 | 2,200 | 1,500 | 1,000 | 700 |
| Hispanic | 43,400 | 11,500 | 11,800 | 8,100 | 4,500 | 3,200 | 1,900 | 1,400 | 900 |
| Asian | 138,800 | 34,500 | 30,900 | 20,100 | 18,900 | 15,000 | 10,200 | 6,000 | 3,100 |
| Other | 3,900 | 700 | 1,000 | 700 | 600 | 200 | 100 | 200 | 500 |
| Non-S&E occupations, total | 6,490,100 | 1,072,000 | 1,149,100 | 1,131,700 | 1,167,600 | 885,500 | 476,600 | 269,000 | 338,700 |
| White | 5,525,800 | 884,500 | 958,000 | 946,600 | 995,100 | 770,100 | 418,500 | 239,300 | 313,500 |
| Black | 383,700 | 74,500 | 74,800 | 74,000 | 77,000 | 46,300 | 18,400 | 9,000 | 9,800 |
| Hispanic | 209,600 | 45,500 | 47,900 | 45,700 | 35,200 | 16,700 | 8,200 | 4,800 | 5,500 |
| Asian | 351,500 | 64,400 | 64,700 | 61,200 | 55,900 | 50,000 | 30,600 | 15,400 | 9,300 |
| Other | 19,600 | 3,200 | 3,700 | 4,200 | 4,400 | 2,300 | 900 | 500 | 500 |
| Managers/administrators | 1,994,400 | 222,700 | 305,000 | 353,100 | 387,200 | 320,500 | 187,900 | 109,000 | 109,000 |
| White | 1,731,100 | 189,300 | 257,200 | 299,900 | 328,600 | 282,200 | 170,500 | 99,900 | 103,600 |
| Black | 101,800 | 13,100 | 18,400 | 21,100 | 25,900 | 13,700 | 6,000 | 2,400 | 1,300 |
| Hispanic | 58,500 | 7,800 | 12,600 | 13,000 | 12,400 | 6,600 | 2,700 | 1,900 | 1,400 |
| Asian | 97,000 | 11,500 | 15,800 | 17,800 | 18,600 | 17,400 | 8,500 | 4,800 | 2,600 |
| Other | 6,100 | 1,000 | 1,100 | 1,200 | 1,700 | 600 | 200 | 100 | 100 |
| Other non-S&E occupations | 4,495,700 | 849,300 | 844,100 | 778,600 | 780,400 | 565,000 | 288,700 | 159,900 | 229,800 |
| White | 3,794,700 | 695,300 | 700,800 | 646,800 | 666,600 | 487,900 | 248,000 | 139,500 | 209,900 |
| Black | 281,900 | 61,400 | 56,400 | 52,800 | 51,100 | 32,600 | 12,400 | 6,600 | 8,600 |
| Hispanic | 151,100 | 37,700 | 35,300 | 32,700 | 22,800 | 10,100 | 5,500 | 2,900 | 4,100 |
| Asian | 254,500 | 52,900 | 48,900 | 43,400 | 37,300 | 32,600 | 22,200 | 10,600 | 6,700 |
| Other | 13,500 | 2,100 | 2,600 | 2,900 | 2,700 | 1,700 | 700 | 400 | 400 |
| Bachelor's | | | | | | | | | |
| All occupations, total² | 5,727,200 | 997,600 | 1,104,200 | 978,300 | 913,000 | 725,600 | 400,600 | 266,100 | 341,800 |
| White | 4,866,300 | 821,400 | 915,700 | 822,400 | 780,300 | 628,700 | 344,900 | 236,000 | 317,000 |
| Black | 320,100 | 65,800 | 69,500 | 62,100 | 55,200 | 34,400 | 15,900 | 8,700 | 8,400 |
| Hispanic | 191,500 | 45,300 | 46,600 | 39,500 | 27,500 | 15,000 | 8,000 | 4,200 | 5,400 |
| Asian | 330,900 | 61,800 | 69,000 | 50,100 | 46,600 | 45,500 | 31,100 | 16,800 | 10,000 |
| Other | 18,400 | 3,200 | 3,400 | 4,100 | 3,500 | 2,000 | 800 | 400 | 1,000 |
| S&E occupations, total | 1,980,300 | 349,100 | 485,300 | 379,600 | 269,800 | 200,300 | 116,300 | 89,100 | 90,700 |
| White | 1,700,100 | 288,300 | 408,500 | 327,800 | 236,700 | 175,700 | 99,100 | 79,700 | 84,200 |
| Black | 83,400 | 17,800 | 22,900 | 18,100 | 10,900 | 6,600 | 3,900 | 1,700 | 1,400 |
| Hispanic | 62,600 | 16,100 | 18,900 | 12,400 | 6,500 | 3,600 | 2,500 | 1,400 | 1,100 |
| Asian | 127,600 | 25,500 | 33,600 | 19,600 | 14,900 | 13,800 | 10,700 | 6,000 | 3,400 |
| Other | 6,600 | 1,300 | 1,300 | 1,700 | 700 | 600 | 200 | 200 | 600 |
| Scientists, total | 1,007,000 | 193,800 | 267,200 | 194,500 | 146,100 | 99,400 | 49,700 | 31,100 | 25,100 |
| White | 859,100 | 159,500 | 222,300 | 167,500 | 129,100 | 87,100 | 42,400 | 28,200 | 23,100 |
| Black | 52,000 | 11,800 | 14,700 | 10,100 | 6,500 | 4,600 | 2,600 | 900 | 800 |
| Hispanic | 31,100 | 8,100 | 10,200 | 6,000 | 3,700 | 1,600 | 1,100 | 300 | 200 |
| Asian | 61,000 | 13,500 | 19,000 | 9,900 | 6,700 | 5,800 | 3,500 | 1,700 | 900 |
| Other | 3,800 | 1,000 | 900 | 1,100 | 200 | 400 | 200 | 100 | 100 |

See explanatory information, if any, and SOURCE at end of table.

Table E-12. Employed U.S. scientists and engineers, by highest degree attained, broad occupation, race/ethnicity, and years since degree: 1993

| Highest degree, occupation, and race/ethnicity | Employed S&Es, total | Years since degree | | | | | | | |
|---|----------------------|--------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | <5 years | 5-9 years | 10-14 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35+ years |
| Bachelor's — continued | | | | | | | | | |
| Computer/math scientists, total | 676,200 | 95,600 | 194,500 | 145,100 | 103,300 | 71,100 | 35,000 | 19,500 | 12,100 |
| White | 574,800 | 75,600 | 162,200 | 124,500 | 90,800 | 62,600 | 30,300 | 17,900 | 11,000 |
| Black | 34,500 | 6,900 | 10,600 | 7,400 | 4,300 | 2,900 | 1,500 | 500 | 400 |
| Hispanic | 19,800 | 4,100 | 6,700 | 4,200 | 2,900 | 800 | 800 | 200 | 100 |
| Asian | 45,300 | 8,700 | 14,800 | 8,200 | 5,300 | 4,700 | 2,200 | 800 | 600 |
| Other | 1,900 | 300 | 300 | 800 | S | 100 | 200 | 100 | 100 |
| Life/related scientists, total .. | 131,600 | 31,400 | 30,400 | 20,900 | 19,600 | 13,000 | 7,100 | 4,600 | 4,700 |
| White | 114,200 | 26,400 | 25,200 | 18,400 | 17,800 | 11,800 | 6,100 | 4,300 | 4,300 |
| Black | 5,800 | 1,400 | 1,400 | 700 | 800 | 400 | 500 | 100 | 300 |
| Hispanic | 4,900 | 2,100 | 1,400 | 600 | 200 | 500 | 100 | 100 | 100 |
| Asian | 6,100 | 1,400 | 1,900 | 1,100 | 800 | 300 | 400 | 100 | 100 |
| Other | 700 | 100 | 500 | 100 | 100 | S | S | S | S |
| Physical/related scientists, total | 130,700 | 34,800 | 27,200 | 22,300 | 16,100 | 10,400 | 6,700 | 6,400 | 6,800 |
| White | 113,500 | 30,000 | 23,200 | 19,900 | 14,300 | 9,000 | 5,200 | 5,600 | 6,400 |
| Black | 5,700 | 1,500 | 1,500 | 800 | 700 | 400 | 500 | 100 | 100 |
| Hispanic | 3,500 | 700 | 1,200 | 800 | 400 | 100 | 100 | 100 | 100 |
| Asian | 7,300 | 2,300 | 1,400 | 600 | 600 | 700 | 900 | 600 | 200 |
| Other | 700 | 300 | S | 200 | S | 100 | S | S | S |
| Social/related scientists, total | 68,500 | 32,100 | 15,000 | 6,300 | 7,100 | 5,000 | 1,000 | 700 | 1,500 |
| White | 56,600 | 27,500 | 11,800 | 4,700 | 6,200 | 3,700 | 800 | 400 | 1,500 |
| Black | 6,000 | 1,900 | 1,300 | 1,200 | 700 | 900 | 100 | 100 | S |
| Hispanic | 3,000 | 1,200 | 1,000 | 400 | 200 | 100 | 100 | S | S |
| Asian | 2,300 | 1,100 | 900 | 100 | S | 100 | S | 200 | S |
| Other | 600 | 200 | 100 | S | 100 | 200 | S | S | S |
| Engineers, total | 973,300 | 155,300 | 218,100 | 185,100 | 123,700 | 100,900 | 66,600 | 58,000 | 65,600 |
| White | 841,000 | 128,800 | 186,200 | 160,300 | 107,600 | 88,700 | 56,700 | 51,500 | 61,100 |
| Black | 31,400 | 6,000 | 8,200 | 8,000 | 4,500 | 2,000 | 1,300 | 800 | 600 |
| Hispanic | 31,500 | 8,100 | 8,700 | 6,400 | 2,800 | 2,000 | 1,400 | 1,100 | 900 |
| Asian | 66,600 | 12,000 | 14,600 | 9,700 | 8,200 | 8,100 | 7,200 | 4,400 | 2,500 |
| Other | 2,700 | 400 | 400 | 600 | 600 | 200 | 100 | 100 | 500 |
| Non-S&E occupations, total | 3,746,900 | 648,500 | 618,900 | 598,700 | 643,200 | 525,300 | 284,300 | 177,000 | 251,000 |
| White | 3,166,200 | 533,100 | 507,200 | 494,600 | 543,600 | 452,900 | 245,800 | 156,200 | 232,800 |
| Black | 236,700 | 48,000 | 46,600 | 44,000 | 44,300 | 27,800 | 12,000 | 7,000 | 7,000 |
| Hispanic | 128,900 | 29,200 | 27,700 | 27,100 | 20,900 | 11,400 | 5,500 | 2,800 | 4,300 |
| Asian | 203,300 | 36,300 | 35,300 | 30,500 | 31,700 | 31,700 | 20,500 | 10,800 | 6,600 |
| Other | 11,800 | 1,900 | 2,100 | 2,400 | 2,700 | 1,500 | 600 | 200 | 400 |
| Managers/administrators | 1,134,700 | 115,900 | 160,400 | 182,700 | 210,000 | 186,300 | 114,300 | 77,500 | 87,500 |
| White | 989,300 | 98,600 | 134,500 | 153,800 | 179,500 | 163,600 | 103,900 | 71,600 | 83,700 |
| Black | 57,100 | 6,500 | 10,600 | 12,300 | 14,200 | 7,800 | 3,500 | 1,700 | 500 |
| Hispanic | 35,800 | 4,000 | 7,300 | 8,000 | 7,200 | 5,000 | 1,900 | 1,100 | 1,400 |
| Asian | 48,900 | 6,200 | 7,400 | 8,000 | 7,900 | 9,600 | 4,900 | 3,100 | 1,800 |
| Other | 3,700 | 600 | 600 | 700 | 1,200 | 500 | 100 | S | 100 |

See explanatory information, if any, and SOURCE at end of table.

Table E-12. Employed U.S. scientists and engineers, by highest degree attained, broad occupation, race/ethnicity, and years since degree: 1993

| Highest degree, occupation, and race/ethnicity | Employed S&Es, total | Years since degree | | | | | | | |
|---|----------------------|--------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | <5 years | 5-9 years | 10-14 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35+ years |
| Bachelor's — continued | | | | | | | | | |
| Other non-S&E occupations .. | 2,612,200 | 532,500 | 458,400 | 416,000 | 433,200 | 338,900 | 170,000 | 99,500 | 163,500 |
| White | 2,176,900 | 434,500 | 372,700 | 340,800 | 364,000 | 289,400 | 141,900 | 84,600 | 149,000 |
| Black | 179,600 | 41,500 | 35,900 | 31,800 | 30,100 | 20,100 | 8,400 | 5,300 | 6,500 |
| Hispanic | 93,100 | 25,200 | 20,300 | 19,200 | 13,800 | 6,400 | 3,600 | 1,600 | 2,900 |
| Asian | 154,400 | 30,000 | 27,900 | 22,500 | 23,700 | 22,100 | 15,600 | 7,700 | 4,800 |
| Other | 8,100 | 1,300 | 1,600 | 1,700 | 1,500 | 1,000 | 500 | 200 | 300 |
| Master's | | | | | | | | | |
| All occupations, total² | 2,575,600 | 514,800 | 528,000 | 473,200 | 450,100 | 321,600 | 169,400 | 64,400 | 54,000 |
| White | 2,155,400 | 411,100 | 434,700 | 393,400 | 379,500 | 279,100 | 151,600 | 56,700 | 49,200 |
| Black | 129,400 | 26,300 | 24,000 | 25,700 | 29,200 | 16,000 | 5,000 | 1,200 | 2,000 |
| Hispanic | 73,100 | 18,100 | 17,900 | 15,800 | 11,800 | 5,400 | 2,300 | 1,500 | 300 |
| Asian | 210,700 | 57,900 | 49,600 | 37,100 | 28,300 | 20,500 | 10,200 | 4,700 | 2,400 |
| Other | 7,000 | 1,500 | 1,800 | 1,200 | 1,200 | 700 | 200 | 300 | 100 |
| S&E occupations, total | 891,300 | 234,200 | 200,500 | 149,300 | 131,300 | 86,000 | 50,300 | 21,500 | 18,100 |
| White | 725,900 | 178,700 | 156,400 | 124,100 | 111,900 | 75,300 | 44,500 | 18,600 | 16,500 |
| Black | 26,000 | 7,700 | 6,400 | 4,800 | 4,200 | 1,300 | 700 | 300 | 700 |
| Hispanic | 24,200 | 8,000 | 6,300 | 4,100 | 2,700 | 1,800 | 600 | 600 | 100 |
| Asian | 113,300 | 39,200 | 30,600 | 16,300 | 12,400 | 7,600 | 4,400 | 2,000 | 700 |
| Other | 1,900 | 600 | 800 | 200 | 200 | 100 | 100 | 100 | 100 |
| Scientists, total | 541,400 | 143,700 | 125,700 | 93,900 | 78,800 | 48,400 | 29,600 | 12,200 | 9,200 |
| White | 449,400 | 110,500 | 99,600 | 79,600 | 69,900 | 43,800 | 26,700 | 11,100 | 8,200 |
| Black | 18,800 | 5,300 | 4,600 | 3,100 | 3,500 | 1,200 | 500 | 200 | 600 |
| Hispanic | 13,500 | 4,900 | 3,600 | 2,600 | 1,200 | 700 | 200 | 300 | 100 |
| Asian | 58,900 | 22,700 | 17,700 | 8,600 | 4,000 | 2,700 | 2,100 | 700 | 300 |
| Other | 800 | 300 | 200 | 100 | 200 | 100 | S | S | S |
| Computer/math scientists, total | 263,600 | 67,500 | 63,900 | 48,900 | 37,500 | 25,200 | 12,600 | 5,000 | 3,000 |
| White | 212,100 | 49,700 | 48,800 | 39,900 | 32,700 | 22,400 | 11,300 | 4,500 | 2,800 |
| Black | 8,300 | 2,400 | 2,100 | 1,000 | 1,800 | 600 | 100 | 100 | 100 |
| Hispanic | 5,300 | 1,400 | 1,600 | 1,100 | 500 | 400 | 100 | 200 | S |
| Asian | 37,600 | 13,800 | 11,300 | 6,900 | 2,400 | 1,700 | 1,300 | 200 | 100 |
| Other | 300 | 200 | 100 | S | S | 100 | S | S | S |
| Life/related scientists, total .. | 70,400 | 20,000 | 17,300 | 10,800 | 11,100 | 5,300 | 4,000 | 1,300 | 600 |
| White | 57,400 | 15,500 | 13,000 | 8,900 | 9,800 | 4,900 | 3,700 | 1,000 | 500 |
| Black | 2,700 | 900 | 800 | 500 | 300 | 100 | 100 | 100 | S |
| Hispanic | 1,900 | 700 | 400 | 700 | S | S | 200 | S | S |
| Asian | 8,300 | 2,900 | 3,000 | 800 | 1,000 | 300 | 100 | 200 | 100 |
| Other | 100 | S | 100 | S | S | S | S | S | S |
| Physical/related scientists, total | 72,600 | 21,400 | 15,100 | 10,000 | 8,700 | 6,300 | 5,900 | 2,100 | 3,000 |
| White | 61,100 | 16,500 | 11,900 | 9,100 | 8,100 | 5,700 | 5,100 | 2,000 | 2,700 |
| Black | 1,200 | 400 | 300 | 100 | S | S | 100 | S | 200 |
| Hispanic | 1,900 | 900 | 700 | 100 | 200 | S | S | S | S |
| Asian | 8,200 | 3,600 | 2,200 | 700 | 400 | 500 | 700 | 100 | 100 |
| Other | 100 | 100 | S | 100 | S | S | S | S | S |

See explanatory information, if any, and SOURCE at end of table.

Table E-12. Employed U.S. scientists and engineers, by highest degree attained, broad occupation, race/ethnicity, and years since degree: 1993

| Highest degree, occupation, and race/ethnicity | Employed S&Es, total | Years since degree | | | | | | | |
|--|----------------------|--------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | <5 years | 5-9 years | 10-14 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35+ years |
| Master's — continued | | | | | | | | | |
| Social/related scientists, total | 134,900 | 34,800 | 29,400 | 24,200 | 21,500 | 11,600 | 6,900 | 3,800 | 2,600 |
| White | 118,800 | 28,800 | 25,800 | 21,800 | 19,400 | 10,700 | 6,600 | 3,600 | 2,200 |
| Black | 6,600 | 1,600 | 1,300 | 1,400 | 1,300 | 500 | 300 | S | 200 |
| Hispanic | 4,400 | 1,900 | 900 | 700 | 400 | 400 | S | 100 | 100 |
| Asian | 4,700 | 2,400 | 1,300 | 300 | 300 | 100 | 100 | 100 | 100 |
| Other | 300 | 100 | 100 | S | 200 | S | S | S | S |
| Engineers, total | 349,900 | 90,500 | 74,800 | 55,400 | 52,600 | 37,700 | 20,800 | 9,300 | 8,900 |
| White | 276,600 | 68,200 | 56,800 | 44,400 | 42,000 | 31,500 | 17,800 | 7,500 | 8,300 |
| Black | 7,200 | 2,400 | 1,800 | 1,700 | 700 | 100 | 200 | 100 | 100 |
| Hispanic | 10,700 | 3,100 | 2,700 | 1,500 | 1,500 | 1,100 | 400 | 300 | S |
| Asian | 54,400 | 16,400 | 12,900 | 7,700 | 8,400 | 5,000 | 2,400 | 1,400 | 400 |
| Other | 1,000 | 300 | 500 | 100 | S | S | 100 | 100 | 100 |
| Non-S&E occupations, total | 1,684,300 | 280,600 | 327,500 | 323,900 | 318,700 | 235,600 | 119,100 | 42,900 | 36,000 |
| White | 1,429,500 | 232,300 | 278,400 | 269,400 | 267,600 | 203,800 | 107,100 | 38,200 | 32,700 |
| Black | 103,300 | 18,600 | 17,600 | 20,900 | 25,000 | 14,700 | 4,300 | 900 | 1,300 |
| Hispanic | 48,800 | 10,000 | 11,600 | 11,700 | 9,100 | 3,600 | 1,600 | 900 | 200 |
| Asian | 97,500 | 18,800 | 18,900 | 20,800 | 15,900 | 12,900 | 5,800 | 2,700 | 1,700 |
| Other | 5,100 | 1,000 | 1,000 | 1,100 | 1,100 | 600 | 200 | 200 | S |
| Managers/administrators | 693,200 | 92,300 | 123,600 | 138,800 | 142,600 | 103,000 | 55,900 | 22,400 | 14,700 |
| White | 599,000 | 78,200 | 105,900 | 119,800 | 120,400 | 90,300 | 50,900 | 19,800 | 13,800 |
| Black | 35,700 | 5,500 | 5,800 | 6,700 | 9,600 | 5,400 | 1,800 | 600 | 400 |
| Hispanic | 18,700 | 3,600 | 4,500 | 3,800 | 4,400 | 1,200 | 600 | 500 | S |
| Asian | 38,100 | 4,600 | 7,100 | 8,200 | 7,800 | 6,100 | 2,500 | 1,300 | 500 |
| Other | 1,700 | 400 | 400 | 300 | 400 | S | 100 | 100 | S |
| Other non-S&E occupations | 991,100 | 188,300 | 203,900 | 185,100 | 176,200 | 132,600 | 63,200 | 20,600 | 21,300 |
| White | 830,500 | 154,100 | 172,500 | 149,600 | 147,200 | 113,500 | 56,300 | 18,400 | 18,900 |
| Black | 67,600 | 13,000 | 11,800 | 14,200 | 15,400 | 9,400 | 2,600 | 300 | 900 |
| Hispanic | 30,100 | 6,400 | 7,200 | 7,900 | 4,700 | 2,400 | 1,000 | 400 | 200 |
| Asian | 59,400 | 14,200 | 11,900 | 12,600 | 8,100 | 6,800 | 3,300 | 1,400 | 1,200 |
| Other | 3,400 | 600 | 600 | 800 | 700 | 600 | 100 | 100 | S |
| Doctorate | | | | | | | | | |
| All occupations, total ² | 634,800 | 117,900 | 110,000 | 105,500 | 103,100 | 94,800 | 54,800 | 26,800 | 21,900 |
| White | 520,800 | 86,000 | 85,600 | 86,400 | 87,100 | 82,900 | 48,700 | 23,700 | 20,200 |
| Black | 20,500 | 5,000 | 5,800 | 4,300 | 3,100 | 1,600 | 400 | 200 | 100 |
| Hispanic | 16,800 | 4,400 | 3,400 | 2,900 | 2,300 | 1,700 | 1,100 | 800 | 300 |
| Asian | 74,300 | 22,100 | 15,000 | 11,300 | 10,000 | 8,300 | 4,400 | 2,100 | 1,100 |
| Other | 2,400 | 400 | 200 | 600 | 600 | 300 | 200 | S | 100 |
| S&E occupations, total | 395,600 | 84,500 | 75,000 | 64,100 | 58,100 | 52,200 | 32,400 | 15,500 | 13,900 |
| White | 321,300 | 59,100 | 58,800 | 53,500 | 49,000 | 45,400 | 28,700 | 13,900 | 12,900 |
| Black | 9,000 | 2,900 | 2,500 | 1,100 | 1,500 | 500 | 300 | 100 | S |
| Hispanic | 9,100 | 2,900 | 2,000 | 1,300 | 1,100 | 900 | 500 | 200 | 100 |
| Asian | 54,800 | 19,300 | 11,500 | 8,000 | 6,200 | 5,100 | 2,700 | 1,200 | 700 |
| Other | 1,400 | 300 | 200 | 200 | 300 | 200 | 100 | S | S |

See explanatory information, if any, and SOURCE at end of table.

Table E-12. Employed U.S. scientists and engineers, by highest degree attained, broad occupation, race/ethnicity, and years since degree: 1993

| Highest degree, occupation, and race/ethnicity | Employed S&Es, total | Years since degree | | | | | | | |
|---|----------------------|--------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | <5 years | 5-9 years | 10-14 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35+ years |
| Doctorate — continued | | | | | | | | | |
| Scientists, total | 330,500 | 68,800 | 64,200 | 55,500 | 48,500 | 42,500 | 26,000 | 13,600 | 11,400 |
| White | 275,900 | 50,100 | 51,700 | 47,900 | 42,200 | 37,800 | 23,200 | 12,300 | 10,700 |
| Black | 8,000 | 2,500 | 2,400 | 900 | 1,200 | 500 | 300 | 100 | S |
| Hispanic | 8,000 | 2,600 | 1,700 | 1,200 | 900 | 800 | 400 | 200 | 100 |
| Asian | 37,400 | 13,200 | 8,200 | 5,300 | 3,900 | 3,200 | 2,000 | 900 | 500 |
| Other | 1,300 | 300 | 200 | 200 | 300 | 200 | 100 | S | S |
| Computer/math scientists, total | 48,700 | 10,600 | 8,800 | 7,800 | 7,300 | 7,400 | 3,800 | 1,700 | 1,300 |
| White | 38,500 | 6,400 | 6,500 | 6,700 | 6,200 | 6,500 | 3,500 | 1,500 | 1,200 |
| Black | 1,200 | 500 | 400 | S | 100 | 100 | S | S | S |
| Hispanic | 1,300 | 400 | 200 | 300 | 200 | 100 | S | S | S |
| Asian | 7,600 | 3,200 | 1,700 | 800 | 800 | 600 | 300 | 100 | S |
| Other | 200 | S | S | S | 100 | S | S | S | S |
| Life/related scientists, total .. | 98,100 | 22,600 | 20,600 | 15,900 | 13,400 | 11,800 | 6,800 | 3,600 | 3,400 |
| White | 79,900 | 16,500 | 16,400 | 13,400 | 11,300 | 10,300 | 5,700 | 3,200 | 3,200 |
| Black | 1,500 | 400 | 500 | 200 | 200 | 100 | 100 | S | S |
| Hispanic | 2,400 | 900 | 400 | 200 | 100 | 200 | 200 | 200 | 100 |
| Asian | 13,900 | 4,700 | 3,300 | 2,000 | 1,600 | 1,200 | 800 | 200 | 100 |
| Other | 300 | 100 | 100 | S | S | S | S | S | S |
| Physical/related scientists, total | 77,000 | 14,300 | 14,200 | 11,600 | 9,700 | 10,000 | 8,800 | 4,700 | 3,700 |
| White | 62,400 | 9,600 | 11,300 | 9,300 | 8,100 | 8,600 | 7,900 | 4,100 | 3,500 |
| Black | 1,100 | 400 | 300 | 100 | 100 | 100 | 100 | S | S |
| Hispanic | 1,700 | 500 | 400 | 200 | 400 | 200 | 100 | S | S |
| Asian | 11,600 | 3,800 | 2,300 | 1,900 | 1,000 | 1,200 | 800 | 500 | 100 |
| Other | 200 | S | S | S | S | 100 | S | S | S |
| Social/related scientists, total | 106,700 | 21,300 | 20,500 | 20,200 | 18,100 | 13,300 | 6,500 | 3,700 | 3,100 |
| White | 95,100 | 17,700 | 17,500 | 18,400 | 16,600 | 12,500 | 6,100 | 3,500 | 2,800 |
| Black | 4,100 | 1,200 | 1,200 | 600 | 700 | 200 | 100 | 100 | S |
| Hispanic | 2,600 | 800 | 700 | 600 | 200 | 200 | 100 | S | S |
| Asian | 4,300 | 1,600 | 1,000 | 600 | 400 | 300 | 100 | 100 | 300 |
| Other | 700 | 200 | 100 | 100 | 100 | 100 | 100 | S | S |
| Engineers, total | 65,000 | 15,600 | 10,800 | 8,600 | 9,700 | 9,700 | 6,400 | 1,800 | 2,400 |
| White | 45,400 | 9,000 | 7,100 | 5,600 | 6,800 | 7,600 | 5,600 | 1,500 | 2,200 |
| Black | 1,000 | 300 | 100 | 200 | 300 | S | S | S | S |
| Hispanic | 1,100 | 300 | 200 | 100 | 200 | 100 | 100 | S | S |
| Asian | 17,500 | 6,000 | 3,300 | 2,700 | 2,300 | 1,900 | 700 | 300 | 200 |
| Other | 100 | S | S | S | S | S | S | S | S |
| Non-S&E occupations, total | 239,200 | 33,400 | 35,000 | 41,300 | 44,900 | 42,700 | 22,500 | 11,300 | 8,000 |
| White | 199,500 | 26,900 | 26,800 | 32,900 | 38,100 | 37,600 | 20,000 | 9,800 | 7,300 |
| Black | 11,500 | 2,100 | 3,300 | 3,200 | 1,500 | 1,100 | 100 | 100 | 100 |
| Hispanic | 7,800 | 1,500 | 1,400 | 1,500 | 1,100 | 800 | 600 | 600 | 200 |
| Asian | 19,500 | 2,800 | 3,400 | 3,300 | 3,800 | 3,100 | 1,700 | 900 | 400 |
| Other | 1,000 | 100 | 100 | 400 | 300 | S | S | S | S |

See explanatory information, if any, and SOURCE at end of table.

Table E-12. Employed U.S. scientists and engineers, by highest degree attained, broad occupation, race/ethnicity, and years since degree: 1993

| Highest degree, occupation, and race/ethnicity | Employed S&Es, total | Years since degree | | | | | | | |
|--|----------------------|--------------------|-----------|-------------|-------------|-------------|-------------|-------------|-----------|
| | | <5 years | 5-9 years | 10-14 years | 15-19 years | 20-24 years | 25-29 years | 30-34 years | 35+ years |
| Doctorate — continued | | | | | | | | | |
| Managers/administrators | 119,000 | 11,700 | 13,400 | 21,500 | 24,500 | 24,800 | 13,700 | 6,100 | 3,300 |
| White | 101,900 | 10,100 | 10,600 | 17,500 | 20,600 | 22,200 | 12,500 | 5,500 | 3,000 |
| Black | 5,200 | 700 | 1,100 | 1,700 | 1,000 | 400 | 100 | S | 100 |
| Hispanic | 2,500 | 100 | 500 | 600 | 500 | 400 | 100 | 200 | S |
| Asian | 8,800 | 700 | 1,100 | 1,500 | 2,200 | 1,800 | 900 | 400 | 100 |
| Other | 600 | S | S | 300 | 100 | S | S | S | S |
| Other non-S&E occupations .. | 120,200 | 21,700 | 21,600 | 19,900 | 20,500 | 17,900 | 8,800 | 5,200 | 4,700 |
| White | 97,600 | 16,800 | 16,300 | 15,500 | 17,500 | 15,400 | 7,500 | 4,300 | 4,300 |
| Black | 6,300 | 1,400 | 2,100 | 1,500 | 500 | 600 | S | S | S |
| Hispanic | 5,300 | 1,400 | 900 | 1,000 | 600 | 500 | 500 | 300 | 200 |
| Asian | 10,700 | 2,100 | 2,300 | 1,800 | 1,600 | 1,300 | 800 | 500 | 200 |
| Other | 400 | S | S | 100 | 200 | S | S | S | S |

- 1 Includes professional degrees
- 2 Total excludes 37,000 individuals who reported never having worked.

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who are employed in an S&E occupation.
 Figures are rounded to nearest hundred. Details may not add to total because of rounding.

KEY: S = Suppressed for reasons of confidentiality and/or data reliability

SOURCE: National Science Foundation/Science Resources Studies Division, 1993 SESTAT (Scientists and Engineers Statistical Data System)