

**Table B-4. U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment status: 1993**

| Level and field of highest degree, and age    | S&Es, total | Employed  |           |           | Unemploy-<br>ed/seeking<br>job | Not in labor force |         |                    |
|---|-------------|-----------|-----------|-----------|--------------------------------|--------------------|---------|--------------------|
|   |             | Total     | Full-time | Part-time |                                | Total              | Retired | Not seeking<br>job |
| <b>All degree levels<sup>1</sup></b>          |             |           |           |           |                                |                    |         |                    |
| <b>All degree fields, total</b> .....         | 11,615,200  | 9,793,500 | 8,793,000 | 1,000,500 | 322,200                        | 1,499,500          | 830,800 | 668,700            |
| <30 .....                                     | 1,518,700   | 1,320,600 | 1,128,600 | 192,000   | 58,400                         | 139,600            | S       | 139,600            |
| 30-39 .....                                   | 3,419,700   | 3,104,400 | 2,826,400 | 278,000   | 85,100                         | 230,200            | 1,900   | 228,300            |
| 40-49 .....                                   | 3,440,700   | 3,191,100 | 2,949,900 | 241,200   | 84,500                         | 165,200            | 7,300   | 157,800            |
| 50-59 .....                                   | 1,700,300   | 1,515,400 | 1,409,600 | 105,800   | 55,400                         | 129,500            | 58,300  | 71,100             |
| 60+ .....                                     | 1,535,800   | 661,900   | 478,500   | 183,500   | 38,800                         | 835,100            | 763,200 | 71,800             |
| <b>S&amp;E degree fields, total</b> .....     | 8,571,000   | 7,035,800 | 6,276,800 | 759,000   | 272,500                        | 1,262,600          | 681,500 | 581,100            |
| <30 .....                                     | 1,352,300   | 1,163,300 | 984,200   | 179,100   | 54,100                         | 134,900            | S       | 134,900            |
| 30-39 .....                                   | 2,479,900   | 2,215,800 | 2,013,700 | 202,100   | 68,800                         | 195,300            | 1,000   | 194,300            |
| 40-49 .....                                   | 2,354,800   | 2,149,800 | 1,978,600 | 171,300   | 71,300                         | 133,700            | 5,400   | 128,200            |
| 50-59 .....                                   | 1,193,500   | 1,042,500 | 970,800   | 71,700    | 43,200                         | 107,900            | 46,100  | 61,700             |
| 60+ .....                                     | 1,190,400   | 464,400   | 329,500   | 134,900   | 35,100                         | 690,900            | 628,900 | 61,900             |
| <b>Sciences, total</b> .....                  | 6,354,300   | 5,202,100 | 4,558,700 | 643,300   | 201,200                        | 951,100            | 427,900 | 523,100            |
| <30 .....                                     | 1,059,600   | 892,600   | 737,100   | 155,500   | 45,000                         | 122,000            | S       | 122,000            |
| 30-39 .....                                   | 1,807,200   | 1,581,100 | 1,403,500 | 177,600   | 52,300                         | 173,800            | 900     | 172,900            |
| 40-49 .....                                   | 1,879,900   | 1,698,800 | 1,538,600 | 160,200   | 56,200                         | 124,900            | 4,800   | 120,000            |
| 50-59 .....                                   | 853,200     | 734,800   | 675,400   | 59,400    | 29,200                         | 89,100             | 34,200  | 54,900             |
| 60+ .....                                     | 754,400     | 294,700   | 204,100   | 90,600    | 18,400                         | 441,300            | 388,000 | 53,300             |
| <b>Computer/math sciences, total</b> .....    | 1,046,400   | 918,000   | 846,900   | 71,200    | 30,100                         | 98,300             | 44,600  | 53,700             |
| <30 .....                                     | 190,200     | 175,200   | 157,100   | 18,100    | 5,700                          | 9,300              | S       | 9,300              |
| 30-39 .....                                   | 377,800     | 345,600   | 322,500   | 23,200    | 9,200                          | 22,900             | 400     | 22,500             |
| 40-49 .....                                   | 275,800     | 255,200   | 240,300   | 14,900    | 7,500                          | 13,200             | 900     | 12,300             |
| 50-59 .....                                   | 134,000     | 116,800   | 108,100   | 8,700     | 5,600                          | 11,600             | 5,800   | 5,800              |
| 60+ .....                                     | 68,600      | 25,200    | 19,000    | 6,300     | 2,200                          | 41,200             | 37,500  | 3,700              |
| <b>Life/related sciences, total</b> ...       | 1,322,600   | 1,073,100 | 932,200   | 141,000   | 30,200                         | 219,200            | 91,700  | 127,600            |
| <30 .....                                     | 202,400     | 147,800   | 116,600   | 31,200    | 7,500                          | 47,100             | S       | 47,100             |
| 30-39 .....                                   | 414,800     | 361,600   | 317,600   | 44,000    | 8,300                          | 45,000             | 100     | 44,800             |
| 40-49 .....                                   | 380,400     | 351,600   | 320,900   | 30,700    | 8,400                          | 20,400             | 1,000   | 19,400             |
| 50-59 .....                                   | 169,400     | 151,100   | 136,600   | 14,600    | 2,900                          | 15,400             | 7,600   | 7,800              |
| 60+ .....                                     | 155,500     | 61,000    | 40,500    | 20,600    | 3,100                          | 91,400             | 82,900  | 8,500              |
| <b>Physical/related sciences, total</b> ..... | 760,700     | 599,800   | 535,400   | 64,400    | 23,300                         | 137,600            | 92,200  | 45,400             |
| <30 .....                                     | 82,200      | 70,000    | 54,400    | 15,700    | 2,400                          | 9,700              | S       | 9,700              |
| 30-39 .....                                   | 198,600     | 180,400   | 163,900   | 16,400    | 4,600                          | 13,600             | S       | 13,600             |
| 40-49 .....                                   | 186,000     | 170,900   | 161,100   | 9,700     | 7,200                          | 7,900              | 100     | 7,800              |
| 50-59 .....                                   | 135,200     | 118,200   | 111,800   | 6,400     | 4,400                          | 12,600             | 5,300   | 7,300              |
| 60+ .....                                     | 158,800     | 60,300    | 44,200    | 16,200    | 4,600                          | 93,800             | 86,700  | 7,100              |
| <b>Social/related sciences, total</b> .....   | 3,224,500   | 2,611,200 | 2,244,300 | 366,900   | 117,500                        | 495,900            | 199,500 | 296,400            |
| <30 .....                                     | 584,900     | 499,600   | 409,000   | 90,500    | 29,500                         | 55,800             | S       | 55,800             |
| 30-39 .....                                   | 816,100     | 693,600   | 599,500   | 94,100    | 30,100                         | 92,400             | 300     | 92,000             |
| 40-49 .....                                   | 1,037,700   | 921,200   | 816,300   | 104,800   | 33,100                         | 83,500             | 2,900   | 80,600             |
| 50-59 .....                                   | 414,500     | 348,800   | 318,900   | 29,800    | 16,300                         | 49,500             | 15,400  | 34,000             |
| 60+ .....                                     | 371,400     | 148,100   | 100,500   | 47,600    | 8,600                          | 214,800            | 180,800 | 34,000             |
| <b>Engineering, total</b> .....               | 2,216,700   | 1,833,700 | 1,718,100 | 115,600   | 71,400                         | 311,600            | 253,600 | 58,000             |
| <30 .....                                     | 292,700     | 270,700   | 247,100   | 23,600    | 9,100                          | 12,900             | S       | 12,900             |
| 30-39 .....                                   | 672,700     | 634,700   | 610,200   | 24,400    | 16,500                         | 21,500             | 100     | 21,300             |
| 40-49 .....                                   | 475,000     | 451,000   | 439,900   | 11,100    | 15,100                         | 8,800              | 600     | 8,200              |
| 50-59 .....                                   | 340,300     | 307,600   | 295,400   | 12,200    | 13,900                         | 18,800             | 11,900  | 6,900              |
| 60+ .....                                     | 436,000     | 169,700   | 125,400   | 44,300    | 16,700                         | 249,600            | 241,000 | 8,700              |

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

**Table B-4. U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment status: 1993**

| Level and field of highest degree, and age        | S&Es, total | Employed  |           |           | Unemploy-<br>ed/seeking<br>job | Not in labor force |         |                    |
|---|-------------|-----------|-----------|-----------|--------------------------------|--------------------|---------|--------------------|
|   |             | Total     | Full-time | Part-time |                                | Total              | Retired | Not seeking<br>job |
| <b>All degree levels<sup>1</sup> — continued</b>  |             |           |           |           |                                |                    |         |                    |
| <b>Non-S&amp;E degree fields, total</b> ....      | 3,044,200   | 2,757,700 | 2,516,100 | 241,600   | 49,600                         | 236,900            | 149,200 | 87,600             |
| <30 .....   | 166,400     | 157,300   | 144,400   | 13,000    | 4,300                          | 4,800              | S       | 4,800              |
| 30-39 .....                                       | 939,800     | 888,600   | 812,700   | 75,900    | 16,300                         | 34,800             | 800     | 34,000             |
| 40-49 .....                                       | 1,085,900   | 1,041,300 | 971,300   | 69,900    | 13,100                         | 31,500             | 1,900   | 29,600             |
| 50-59 .....                                       | 506,800     | 472,900   | 438,800   | 34,200    | 12,300                         | 21,600             | 12,200  | 9,400              |
| 60+ .....   | 345,400     | 197,600   | 149,000   | 48,600    | 3,600                          | 144,200            | 134,300 | 9,900              |
| <b>Bachelor's</b>                                 |             |           |           |           |                                |                    |         |                    |
| <b>All degree fields, total</b> .....             | 6,975,000   | 5,727,200 | 5,110,700 | 616,500   | 225,600                        | 1,022,200          | 525,800 | 496,400            |
| <30 .....   | 1,293,000   | 1,115,500 | 956,000   | 159,500   | 50,800                         | 126,700            | S       | 126,700            |
| 30-39 .....                                       | 2,131,200   | 1,905,800 | 1,737,000 | 168,700   | 57,800                         | 167,600            | 900     | 166,600            |
| 40-49 .....                                       | 1,818,400   | 1,656,800 | 1,524,400 | 132,500   | 54,800                         | 106,800            | 4,300   | 102,500            |
| 50-59 .....                                       | 820,500     | 704,500   | 650,500   | 54,000    | 33,700                         | 82,300             | 33,300  | 49,000             |
| 60+ .....   | 911,800     | 344,500   | 242,800   | 101,800   | 28,400                         | 538,900            | 487,300 | 51,600             |
| <b>S&amp;E degree fields, total</b> .....         | 6,402,200   | 5,172,600 | 4,607,000 | 565,600   | 222,000                        | 1,007,500          | 518,500 | 488,900            |
| <30 .....   | 1,235,300   | 1,059,000 | 903,700   | 155,300   | 50,400                         | 125,900            | S       | 125,900            |
| 30-39 .....                                       | 1,907,000   | 1,686,200 | 1,538,600 | 147,600   | 56,600                         | 164,200            | 900     | 163,300            |
| 40-49 .....                                       | 1,632,600   | 1,474,500 | 1,354,500 | 119,900   | 53,600                         | 104,500            | 4,200   | 100,300            |
| 50-59 .....                                       | 749,300     | 634,300   | 587,100   | 47,300    | 33,200                         | 81,800             | 33,200  | 48,600             |
| 60+ .....   | 877,900     | 318,600   | 223,100   | 95,500    | 28,200                         | 531,100            | 480,200 | 50,900             |
| <b>Sciences, total</b> .....                      | 4,726,000   | 3,814,400 | 3,334,000 | 480,400   | 165,200                        | 746,500            | 303,700 | 442,800            |
| <30 .....   | 987,700     | 830,100   | 692,500   | 137,600   | 42,600                         | 115,000            | S       | 115,000            |
| 30-39 .....                                       | 1,403,000   | 1,211,200 | 1,078,700 | 132,500   | 43,600                         | 148,200            | 800     | 147,400            |
| 40-49 .....                                       | 1,304,500   | 1,164,500 | 1,052,600 | 112,000   | 42,100                         | 97,900             | 3,700   | 94,100             |
| 50-59 .....                                       | 516,000     | 425,900   | 386,600   | 39,300    | 22,800                         | 67,300             | 24,300  | 43,000             |
| 60+ .....   | 514,800     | 182,600   | 123,600   | 59,000    | 14,100                         | 318,100            | 274,800 | 43,300             |
| <b>Computer/math sciences,<br/>total</b> .....    | 761,100     | 663,800   | 614,600   | 49,200    | 23,700                         | 73,600             | 31,500  | 42,100             |
| <30 .....   | 172,000     | 158,400   | 144,200   | 14,200    | 5,400                          | 8,200              | S       | 8,200              |
| 30-39 .....                                       | 286,800     | 261,700   | 244,900   | 16,800    | 7,300                          | 17,700             | 400     | 17,300             |
| 40-49 .....                                       | 179,400     | 163,800   | 153,800   | 10,000    | 5,400                          | 10,100             | 800     | 9,400              |
| 50-59 .....                                       | 75,600      | 64,900    | 60,300    | 4,600     | 4,100                          | 6,600              | 2,600   | 4,000              |
| 60+ .....   | 47,300      | 15,000    | 11,300    | 3,700     | 1,400                          | 30,900             | 27,700  | 3,200              |
| <b>Life/related sciences, total</b> ...           | 966,400     | 773,600   | 660,200   | 113,400   | 23,600                         | 169,200            | 62,700  | 106,500            |
| <30 .....   | 187,900     | 136,200   | 107,400   | 28,800    | 6,600                          | 45,000             | S       | 45,000             |
| 30-39 .....                                       | 320,800     | 276,800   | 242,700   | 34,100    | 6,800                          | 37,200             | 100     | 37,100             |
| 40-49 .....                                       | 257,000     | 236,800   | 213,400   | 23,400    | 6,400                          | 13,700             | 500     | 13,300             |
| 50-59 .....                                       | 96,100      | 83,900    | 71,900    | 12,000    | 1,600                          | 10,700             | 5,500   | 5,200              |
| 60+ .....   | 104,700     | 39,900    | 24,800    | 15,100    | 2,200                          | 62,600             | 56,700  | 5,900              |
| <b>Physical/related sciences,<br/>total</b> ..... | 489,700     | 372,500   | 329,700   | 42,900    | 15,800                         | 101,400            | 67,200  | 34,200             |
| <30 .....   | 70,900      | 60,100    | 47,800    | 12,300    | 2,100                          | 8,600              | S       | 8,600              |
| 30-39 .....                                       | 129,700     | 116,700   | 106,300   | 10,400    | 2,500                          | 10,500             | S       | 10,500             |
| 40-49 .....                                       | 108,700     | 98,700    | 92,800    | 5,900     | 4,300                          | 5,700              | S       | 5,700              |
| 50-59 .....                                       | 74,800      | 63,000    | 58,400    | 4,600     | 3,000                          | 8,900              | 4,600   | 4,300              |
| 60+ .....   | 105,700     | 34,100    | 24,500    | 9,700     | 4,000                          | 67,600             | 62,600  | 5,000              |

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

**Table B-4. U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment status: 1993**

| Level and field of highest degree, and age   | S&Es, total | Employed  |           |           | Unemploy-<br>ed/seeking<br>job | Not in labor force |         |                    |
|--|-------------|-----------|-----------|-----------|--------------------------------|--------------------|---------|--------------------|
|  |             | Total     | Full-time | Part-time |                                | Total              | Retired | Not seeking<br>job |
| <b>Bachelor's — continued</b>                |             |           |           |           |                                |                    |         |                    |
| <b>Social/related sciences, total</b>        | 2,508,800   | 2,004,400 | 1,729,500 | 274,900   | 102,100                        | 402,300            | 142,200 | 260,100            |
| <30 .....                                    | 557,000     | 475,400   | 393,100   | 82,300    | 28,500                         | 53,100             | S       | 53,100             |
| 30-39 .....                                  | 665,700     | 556,100   | 484,800   | 71,200    | 26,900                         | 82,800             | 300     | 82,500             |
| 40-49 .....                                  | 759,500     | 665,200   | 592,600   | 72,600    | 26,000                         | 68,300             | 2,500   | 65,800             |
| 50-59 .....                                  | 269,500     | 214,200   | 196,000   | 18,200    | 14,200                         | 41,100             | 11,600  | 29,500             |
| 60+ .....                                    | 257,100     | 93,600    | 63,000    | 30,600    | 6,600                          | 157,000            | 127,800 | 29,200             |
| <b>Engineering, total</b> .....              | 1,676,100   | 1,358,300 | 1,273,100 | 85,200    | 56,900                         | 261,000            | 214,900 | 46,100             |
| <30 .....                                    | 247,600     | 228,900   | 211,200   | 17,700    | 7,800                          | 10,900             | S       | 10,900             |
| 30-39 .....                                  | 504,000     | 475,000   | 459,900   | 15,100    | 13,000                         | 16,000             | 100     | 15,900             |
| 40-49 .....                                  | 328,100     | 309,900   | 302,000   | 8,000     | 11,600                         | 6,600              | 400     | 6,100              |
| 50-59 .....                                  | 233,300     | 208,400   | 200,500   | 8,000     | 10,300                         | 14,600             | 8,900   | 5,600              |
| 60+ .....                                    | 363,100     | 136,000   | 99,500    | 36,500    | 14,100                         | 213,000            | 205,400 | 7,600              |
| <b>Non-S&amp;E degree fields, total</b> .... | 572,800     | 554,500   | 503,700   | 50,900    | 3,600                          | 14,700             | 7,300   | 7,400              |
| <30 .....                                    | 57,700      | 56,500    | 52,300    | 4,200     | 400                            | 800                | S       | 800                |
| 30-39 .....                                  | 224,200     | 219,600   | 198,500   | 21,100    | 1,300                          | 3,400              | S       | 3,400              |
| 40-49 .....                                  | 185,900     | 182,400   | 169,800   | 12,500    | 1,200                          | 2,300              | 100     | 2,200              |
| 50-59 .....                                  | 71,100      | 70,200    | 63,500    | 6,700     | 500                            | 400                | 100     | 400                |
| 60+ .....                                    | 33,900      | 25,900    | 19,600    | 6,300     | 200                            | 7,800              | 7,100   | 700                |
| <b>Master's</b>                              |             |           |           |           |                                |                    |         |                    |
| <b>All degree fields, total</b> .....        | 3,011,700   | 2,575,600 | 2,288,400 | 287,200   | 74,600                         | 361,600            | 223,500 | 138,000            |
| <30 .....                                    | 170,900     | 153,800   | 123,600   | 30,200    | 6,300                          | 10,700             | S       | 10,700             |
| 30-39 .....                                  | 819,400     | 748,200   | 663,100   | 85,100    | 21,300                         | 49,900             | S       | 49,900             |
| 40-49 .....                                  | 1,058,100   | 988,300   | 905,600   | 82,700    | 22,900                         | 46,900             | 2,300   | 44,600             |
| 50-59 .....                                  | 570,400     | 514,200   | 476,000   | 38,200    | 16,300                         | 39,900             | 22,100  | 17,900             |
| 60+ .....                                    | 393,000     | 171,000   | 120,000   | 51,000    | 7,800                          | 214,200            | 199,200 | 15,000             |
| <b>S&amp;E degree fields, total</b> .....    | 1,571,900   | 1,328,400 | 1,169,500 | 158,900   | 40,500                         | 203,000            | 122,600 | 80,400             |
| <30 .....                                    | 109,300     | 97,100    | 73,500    | 23,600    | 3,600                          | 8,600              | S       | 8,600              |
| 30-39 .....                                  | 435,500     | 396,900   | 349,000   | 47,900    | 10,600                         | 28,000             | S       | 28,000             |
| 40-49 .....                                  | 520,900     | 480,800   | 438,900   | 41,900    | 14,400                         | 25,600             | 1,100   | 24,500             |
| 50-59 .....                                  | 293,900     | 265,500   | 246,700   | 18,700    | 6,800                          | 21,600             | 11,200  | 10,500             |
| 60+ .....                                    | 212,300     | 88,200    | 61,300    | 26,800    | 5,000                          | 119,200            | 110,300 | 8,800              |
| <b>Sciences, total</b> .....                 | 1,123,600   | 937,700   | 805,400   | 132,300   | 27,400                         | 158,600            | 89,000  | 69,600             |
| <30 .....                                    | 66,400      | 57,500    | 39,700    | 17,700    | 2,400                          | 6,600              | S       | 6,600              |
| 30-39 .....                                  | 290,900     | 260,800   | 221,700   | 39,000    | 7,500                          | 22,700             | S       | 22,700             |
| 40-49 .....                                  | 400,400     | 365,600   | 326,100   | 39,500    | 11,200                         | 23,700             | 1,000   | 22,700             |
| 50-59 .....                                  | 212,800     | 191,200   | 176,000   | 15,300    | 3,600                          | 17,900             | 8,500   | 9,400              |
| 60+ .....                                    | 153,100     | 62,700    | 42,000    | 20,700    | 2,800                          | 87,700             | 79,500  | 8,200              |
| <b>Computer/math sciences, total</b> .....   | 250,600     | 221,400   | 200,700   | 20,700    | 6,100                          | 23,100             | 11,800  | 11,300             |
| <30 .....                                    | 17,300      | 16,000    | 12,100    | 3,900     | 200                            | 1,100              | S       | 1,100              |
| 30-39 .....                                  | 81,900      | 74,900    | 68,800    | 6,100     | 1,800                          | 5,200              | S       | 5,200              |
| 40-49 .....                                  | 84,900      | 80,000    | 75,400    | 4,600     | 2,000                          | 2,900              | 100     | 2,800              |
| 50-59 .....                                  | 48,900      | 42,700    | 38,800    | 3,900     | 1,300                          | 4,900              | 3,200   | 1,700              |
| 60+ .....                                    | 17,600      | 7,800     | 5,500     | 2,300     | 700                            | 9,100              | 8,600   | 500                |
| <b>Life/related sciences, total</b> ...      | 187,500     | 151,000   | 131,500   | 19,500    | 3,900                          | 32,600             | 16,200  | 16,300             |
| <30 .....                                    | 12,500      | 9,900     | 7,500     | 2,300     | 900                            | 1,800              | S       | 1,800              |
| 30-39 .....                                  | 51,800      | 44,600    | 36,300    | 8,300     | 1,100                          | 6,100              | S       | 6,100              |
| 40-49 .....                                  | 64,900      | 58,200    | 53,200    | 5,000     | 1,300                          | 5,400              | 500     | 4,900              |
| 50-59 .....                                  | 35,100      | 31,600    | 30,200    | 1,400     | 400                            | 3,200              | 1,600   | 1,500              |
| 60+ .....                                    | 23,200      | 6,800     | 4,300     | 2,500     | 300                            | 16,100             | 14,100  | 2,000              |

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

**Table B-4. U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment status: 1993**

| Level and field of highest degree, and age    | S&Es, total | Employed  |           |           | Unemploy-<br>ed/seeking<br>job | Not in labor force |         |                    |
|---|-------------|-----------|-----------|-----------|--------------------------------|--------------------|---------|--------------------|
|   |             | Total     | Full-time | Part-time |                                | Total              | Retired | Not seeking<br>job |
| <b>Master's — continued</b>                   |             |           |           |           |                                |                    |         |                    |
| <b>Physical/related sciences, total</b> ..... | 139,200     | 111,300   | 96,000    | 15,400    | 4,500                          | 23,400             | 14,100  | 9,300              |
| <30 .....                                     | 9,900       | 8,600     | 5,300     | 3,300     | 300                            | 1,000              | S       | 1,000              |
| 30-39 .....                                   | 37,500      | 33,300    | 28,500    | 4,800     | 1,600                          | 2,500              | S       | 2,500              |
| 40-49 .....                                   | 39,400      | 35,800    | 32,900    | 2,800     | 2,000                          | 1,700              | 100     | 1,500              |
| 50-59 .....                                   | 25,600      | 22,200    | 21,300    | 900       | 500                            | 2,900              | 300     | 2,600              |
| 60+ .....                                     | 26,800      | 11,400    | 7,800     | 3,500     | 100                            | 15,300             | 13,700  | 1,600              |
| <b>Social/related sciences, total</b> .....   | 546,300     | 453,900   | 377,300   | 76,700    | 12,900                         | 79,500             | 46,800  | 32,700             |
| <30 .....                                     | 26,700      | 23,000    | 14,700    | 8,200     | 1,000                          | 2,700              | S       | 2,700              |
| 30-39 .....                                   | 119,800     | 108,000   | 88,100    | 19,900    | 2,900                          | 8,900              | S       | 8,900              |
| 40-49 .....                                   | 211,200     | 191,500   | 164,600   | 27,000    | 5,900                          | 13,800             | 300     | 13,500             |
| 50-59 .....                                   | 103,100     | 94,700    | 85,600    | 9,100     | 1,400                          | 7,000              | 3,400   | 3,600              |
| 60+ .....                                     | 85,500      | 36,700    | 24,300    | 12,400    | 1,600                          | 47,100             | 43,100  | 4,000              |
| <b>Engineering, total</b> .....               | 448,300     | 390,700   | 364,100   | 26,700    | 13,100                         | 44,500             | 33,700  | 10,800             |
| <30 .....                                     | 42,900      | 39,700    | 33,800    | 5,900     | 1,200                          | 2,000              | S       | 2,000              |
| 30-39 .....                                   | 144,600     | 136,100   | 127,300   | 8,800     | 3,100                          | 5,300              | S       | 5,300              |
| 40-49 .....                                   | 120,500     | 115,300   | 112,800   | 2,400     | 3,300                          | 2,000              | 200     | 1,800              |
| 50-59 .....                                   | 81,100      | 74,200    | 70,800    | 3,500     | 3,200                          | 3,700              | 2,600   | 1,100              |
| 60+ .....                                     | 59,200      | 25,500    | 19,400    | 6,100     | 2,200                          | 31,500             | 30,900  | 600                |
| <b>Non-S&amp;E degree fields, total</b> ..... | 1,439,800   | 1,247,100 | 1,118,900 | 128,300   | 34,100                         | 158,500            | 100,900 | 57,700             |
| <30 .....                                     | 61,600      | 56,700    | 50,100    | 6,600     | 2,700                          | 2,200              | S       | 2,200              |
| 30-39 .....                                   | 384,000     | 351,400   | 314,100   | 37,200    | 10,700                         | 21,900             | S       | 21,900             |
| 40-49 .....                                   | 537,100     | 507,500   | 466,700   | 40,800    | 8,400                          | 21,200             | 1,100   | 20,100             |
| 50-59 .....                                   | 276,500     | 248,700   | 229,300   | 19,400    | 9,400                          | 18,300             | 10,900  | 7,400              |
| 60+ .....                                     | 180,600     | 82,800    | 58,700    | 24,200    | 2,800                          | 95,000             | 88,800  | 6,200              |
| <b>Doctorate</b>                              |             |           |           |           |                                |                    |         |                    |
| <b>All degree fields, total</b> .....         | 706,700     | 634,800   | 590,400   | 44,300    | 11,200                         | 60,700             | 47,400  | 13,200             |
| <30 .....                                     | 8,600       | 8,200     | 8,000     | 200       | 100                            | 400                | S       | 400                |
| 30-39 .....                                   | 152,000     | 146,300   | 138,700   | 7,700     | 1,800                          | 3,900              | 500     | 3,400              |
| 40-49 .....                                   | 234,700     | 227,000   | 216,100   | 10,900    | 3,200                          | 4,500              | 100     | 4,300              |
| 50-59 .....                                   | 186,800     | 178,200   | 169,500   | 8,700     | 4,000                          | 4,600              | 1,900   | 2,700              |
| 60+ .....                                     | 124,600     | 75,100    | 58,200    | 16,900    | 2,100                          | 47,300             | 44,800  | 2,500              |
| <b>S&amp;E degree fields, total</b> .....     | 589,600     | 529,200   | 495,100   | 34,200    | 9,600                          | 50,800             | 39,600  | 11,300             |
| <30 .....                                     | 7,600       | 7,200     | 7,000     | 200       | 100                            | 400                | S       | 400                |
| 30-39 .....                                   | 136,700     | 132,000   | 125,400   | 6,600     | 1,600                          | 3,100              | 100     | 3,000              |
| 40-49 .....                                   | 197,500     | 191,400   | 182,100   | 9,300     | 2,800                          | 3,300              | 100     | 3,100              |
| 50-59 .....                                   | 148,900     | 141,500   | 135,900   | 5,600     | 3,100                          | 4,200              | 1,700   | 2,500              |
| 60+ .....                                     | 99,000      | 57,200    | 44,700    | 12,500    | 1,900                          | 39,800             | 37,600  | 2,200              |
| <b>Sciences, total</b> .....                  | 497,400     | 444,500   | 414,100   | 30,400    | 8,200                          | 44,700             | 34,500  | 10,200             |
| <30 .....                                     | 5,500       | 5,000     | 4,900     | 100       | 100                            | 400                | S       | 400                |
| 30-39 .....                                   | 112,600     | 108,400   | 102,300   | 6,100     | 1,300                          | 2,900              | 100     | 2,800              |
| 40-49 .....                                   | 171,100     | 165,600   | 157,000   | 8,600     | 2,500                          | 3,000              | 100     | 2,900              |
| 50-59 .....                                   | 123,000     | 116,500   | 111,700   | 4,800     | 2,700                          | 3,700              | 1,400   | 2,300              |
| 60+ .....                                     | 85,300      | 49,000    | 38,200    | 10,900    | 1,600                          | 34,700             | 32,900  | 1,800              |

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

**Table B-4. U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment status: 1993**

| Level and field of highest degree, and age    | S&Es, total | Employed |           |           | Unemploy-<br>ed/seeking<br>job | Not in labor force |         |                    |
|---|-------------|----------|-----------|-----------|--------------------------------|--------------------|---------|--------------------|
|   |             | Total    | Full-time | Part-time |                                | Total              | Retired | Not seeking<br>job |
| <b>Doctorate — continued</b>                  |             |          |           |           |                                |                    |         |                    |
| <b>Computer/math sciences, total</b> .....    | 34,800      | 32,800   | 31,600    | 1,200     | 400                            | 1,600              | 1,300   | 300                |
| <30 .....                                     | 900         | 800      | 800       | 100       | S                              | S                  | S       | S                  |
| 30-39 .....                                   | 9,100       | 9,000    | 8,700     | 300       | S                              | S                  | S       | S                  |
| 40-49 .....                                   | 11,600      | 11,400   | 11,100    | 300       | 100                            | 200                | S       | 200                |
| 50-59 .....                                   | 9,500       | 9,100    | 8,900     | 200       | 200                            | 200                | 100     | 100                |
| 60+ .....                                     | 3,700       | 2,500    | 2,100     | 400       | 100                            | 1,200              | 1,200   | S                  |
| <b>Life/related sciences, total</b> ...       | 168,700     | 148,500  | 140,400   | 8,100     | 2,700                          | 17,500             | 12,700  | 4,800              |
| <30 .....                                     | 2,000       | 1,700    | 1,700     | S         | S                              | 300                | S       | 300                |
| 30-39 .....                                   | 42,300      | 40,200   | 38,600    | 1,700     | 400                            | 1,700              | 100     | 1,600              |
| 40-49 .....                                   | 58,500      | 56,500   | 54,300    | 2,200     | 700                            | 1,200              | S       | 1,200              |
| 50-59 .....                                   | 38,200      | 35,700   | 34,500    | 1,200     | 1,000                          | 1,600              | 500     | 1,000              |
| 60+ .....                                     | 27,600      | 14,300   | 11,300    | 3,000     | 600                            | 12,700             | 12,100  | 600                |
| <b>Physical/related sciences, total</b> ..... | 131,800     | 115,900  | 109,800   | 6,100     | 3,000                          | 12,900             | 10,900  | 2,000              |
| <30 .....                                     | 1,400       | 1,300    | 1,300     | S         | S                              | 100                | S       | 100                |
| 30-39 .....                                   | 31,400      | 30,400   | 29,100    | 1,200     | 500                            | 500                | S       | 500                |
| 40-49 .....                                   | 37,900      | 36,400   | 35,400    | 1,000     | 900                            | 500                | S       | 500                |
| 50-59 .....                                   | 34,800      | 33,000   | 32,100    | 900       | 1,000                          | 900                | 400     | 400                |
| 60+ .....                                     | 26,300      | 14,800   | 11,900    | 2,900     | 600                            | 10,900             | 10,500  | 500                |
| <b>Social/related sciences, total</b> .....   | 162,200     | 147,300  | 132,300   | 15,000    | 2,100                          | 12,800             | 9,600   | 3,200              |
| <30 .....                                     | 1,200       | 1,200    | 1,200     | S         | S                              | S                  | S       | S                  |
| 30-39 .....                                   | 29,800      | 28,800   | 25,900    | 2,900     | 300                            | 700                | S       | 700                |
| 40-49 .....                                   | 63,100      | 61,200   | 56,200    | 5,100     | 800                            | 1,100              | 100     | 1,000              |
| 50-59 .....                                   | 40,400      | 38,700   | 36,200    | 2,500     | 600                            | 1,200              | 400     | 800                |
| 60+ .....                                     | 27,600      | 17,400   | 12,800    | 4,500     | 400                            | 9,800              | 9,100   | 700                |
| <b>Engineering, total</b> .....               | 92,200      | 84,700   | 81,000    | 3,700     | 1,400                          | 6,100              | 5,100   | 1,100              |
| <30 .....                                     | 2,200       | 2,100    | 2,100     | S         | S                              | S                  | S       | S                  |
| 30-39 .....                                   | 24,100      | 23,600   | 23,000    | 500       | 300                            | 200                | S       | 200                |
| 40-49 .....                                   | 26,400      | 25,800   | 25,100    | 700       | 300                            | 300                | S       | 300                |
| 50-59 .....                                   | 25,900      | 25,000   | 24,200    | 800       | 400                            | 500                | 300     | 200                |
| 60+ .....                                     | 13,700      | 8,200    | 6,500     | 1,700     | 300                            | 5,200              | 4,700   | 400                |
| <b>Non-S&amp;E degree fields, total</b> ....  | 117,100     | 105,600  | 95,400    | 10,200    | 1,700                          | 9,800              | 7,900   | 2,000              |
| <30 .....                                     | 1,000       | 1,000    | 1,000     | S         | S                              | S                  | S       | S                  |
| 30-39 .....                                   | 15,300      | 14,400   | 13,300    | 1,100     | 200                            | 800                | 400     | 400                |
| 40-49 .....                                   | 37,200      | 35,600   | 34,000    | 1,600     | 400                            | 1,200              | S       | 1,200              |
| 50-59 .....                                   | 37,900      | 36,700   | 33,600    | 3,100     | 900                            | 400                | 200     | 200                |
| 60+ .....                                     | 25,600      | 17,900   | 13,500    | 4,400     | 200                            | 7,500              | 7,300   | 200                |

1 Includes professional degrees

**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)