

Table C-3. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment sector: 1995

| Level and field of highest degree, and age | Employed S&Es, total | Sector of employment | | | |
|---|----------------------|----------------------|--------------------------|-------------------------------|------------|
| | | Business/industry | 4-yr. College/university | Other educational institution | Government |
| All degree levels¹ | | | | | |
| All degree fields, total | 10,114,500 | 6,893,100 | 876,700 | 960,600 | 1,384,100 |
| <30 | 1,320,600 | 898,100 | 163,900 | 108,700 | 149,900 |
| 30-39 | 2,965,200 | 2,159,400 | 250,000 | 182,400 | 373,500 |
| 40-49 | 3,423,300 | 2,283,100 | 247,800 | 371,000 | 521,400 |
| 50-59 | 1,720,600 | 1,076,000 | 147,400 | 234,800 | 262,400 |
| 60+ | 684,700 | 476,500 | 67,700 | 63,600 | 76,900 |
| S&E degree fields, total | 7,333,100 | 5,040,400 | 644,200 | 606,700 | 1,041,700 |
| <30 | 1,202,500 | 819,600 | 147,200 | 96,000 | 139,700 |
| 30-39 | 2,149,600 | 1,564,600 | 178,500 | 120,500 | 285,900 |
| 40-49 | 2,323,500 | 1,554,200 | 171,100 | 218,900 | 379,300 |
| 50-59 | 1,180,300 | 759,800 | 103,800 | 133,400 | 183,300 |
| 60+ | 477,200 | 342,100 | 43,600 | 37,900 | 53,600 |
| Sciences, total | 5,476,100 | 3,542,900 | 558,900 | 583,600 | 790,800 |
| <30 | 951,500 | 624,500 | 124,800 | 93,800 | 108,400 |
| 30-39 | 1,509,200 | 1,048,100 | 149,900 | 115,100 | 196,100 |
| 40-49 | 1,832,800 | 1,155,300 | 155,800 | 212,500 | 309,200 |
| 50-59 | 877,100 | 517,400 | 90,400 | 127,500 | 141,800 |
| 60+ | 305,500 | 197,500 | 38,000 | 34,700 | 35,200 |
| Computer/math sciences, total | 955,400 | 710,500 | 67,700 | 90,800 | 86,400 |
| <30 | 147,900 | 106,500 | 15,500 | 16,000 | 9,800 |
| 30-39 | 356,800 | 294,900 | 18,800 | 17,000 | 26,100 |
| 40-49 | 281,500 | 199,400 | 18,800 | 32,700 | 30,600 |
| 50-59 | 140,600 | 91,400 | 11,500 | 20,900 | 16,800 |
| 60+ | 28,600 | 18,300 | 3,200 | 4,200 | 3,100 |
| Life/related sciences, total | 1,127,800 | 679,700 | 187,900 | 106,000 | 154,200 |
| <30 | 164,600 | 99,800 | 37,300 | 13,000 | 14,500 |
| 30-39 | 321,400 | 199,200 | 56,400 | 24,200 | 41,500 |
| 40-49 | 401,400 | 244,700 | 54,100 | 38,600 | 64,100 |
| 50-59 | 175,200 | 94,700 | 27,500 | 26,000 | 27,000 |
| 60+ | 65,200 | 41,300 | 12,600 | 4,200 | 7,100 |
| Physical/related sciences, total | 605,200 | 399,500 | 91,100 | 37,700 | 76,900 |
| <30 | 66,400 | 36,000 | 19,600 | 4,400 | 6,400 |
| 30-39 | 172,700 | 116,600 | 26,200 | 8,300 | 21,600 |
| 40-49 | 178,900 | 123,800 | 21,400 | 11,400 | 22,300 |
| 50-59 | 128,100 | 82,200 | 16,500 | 10,100 | 19,300 |
| 60+ | 59,100 | 40,900 | 7,400 | 3,500 | 7,400 |
| Social/related sciences, total | 2,787,700 | 1,753,200 | 212,200 | 349,000 | 473,300 |
| <30 | 572,600 | 382,100 | 52,400 | 60,400 | 77,700 |
| 30-39 | 658,200 | 437,300 | 48,500 | 65,500 | 106,900 |
| 40-49 | 971,000 | 587,500 | 61,500 | 129,700 | 192,200 |
| 50-59 | 433,200 | 249,200 | 34,900 | 70,400 | 78,700 |
| 60+ | 152,600 | 97,100 | 14,900 | 23,000 | 17,700 |

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

Table C-3. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment sector: 1995

| Level and field of highest degree, and age | Employed S&Es, total | Sector of employment | | | |
|--|----------------------|----------------------|--------------------------|-------------------------------|------------|
| | | Business/industry | 4-yr. College/university | Other educational institution | Government |
| All degree levels¹ — continued | | | | | |
| Engineering, total | 1,856,900 | 1,497,500 | 85,400 | 23,100 | 250,900 |
| <30 | 251,000 | 195,100 | 22,400 | 2,200 | 31,300 |
| 30-39 | 640,400 | 516,500 | 28,600 | 5,400 | 89,800 |
| 40-49 | 490,600 | 398,800 | 15,300 | 6,400 | 70,100 |
| 50-59 | 303,200 | 242,400 | 13,400 | 5,900 | 41,400 |
| 60+ | 171,700 | 144,600 | 5,600 | 3,100 | 18,400 |
| Non-S&E degree fields, total | 2,781,400 | 1,852,700 | 232,500 | 353,900 | 342,400 |
| <30 | 118,100 | 78,500 | 16,600 | 12,700 | 10,200 |
| 30-39 | 815,600 | 594,800 | 71,400 | 61,800 | 87,600 |
| 40-49 | 1,099,900 | 728,900 | 76,700 | 152,100 | 142,200 |
| 50-59 | 540,300 | 316,200 | 43,500 | 101,400 | 79,200 |
| 60+ | 207,500 | 134,400 | 24,100 | 25,800 | 23,200 |
| Bachelor's | | | | | |
| All degree fields, total | 5,926,700 | 4,368,700 | 288,700 | 421,100 | 848,300 |
| <30 | 1,118,700 | 778,600 | 119,600 | 89,800 | 130,700 |
| 30-39 | 1,838,000 | 1,422,300 | 75,300 | 96,900 | 243,600 |
| 40-49 | 1,833,500 | 1,317,400 | 63,900 | 146,900 | 305,300 |
| 50-59 | 794,400 | 576,000 | 19,900 | 68,300 | 130,200 |
| 60+ | 342,100 | 274,400 | 10,000 | 19,200 | 38,500 |
| S&E degree fields, total | 5,408,600 | 3,960,100 | 266,200 | 396,600 | 785,600 |
| <30 | 1,096,300 | 759,800 | 117,800 | 89,600 | 129,100 |
| 30-39 | 1,641,900 | 1,262,000 | 65,800 | 89,000 | 225,100 |
| 40-49 | 1,632,200 | 1,160,900 | 56,600 | 136,400 | 278,200 |
| 50-59 | 719,800 | 519,900 | 17,900 | 63,600 | 118,400 |
| 60+ | 318,300 | 257,500 | 8,100 | 17,900 | 34,800 |
| Sciences, total | 4,047,800 | 2,838,000 | 235,200 | 379,900 | 594,800 |
| <30 | 884,500 | 592,100 | 103,400 | 87,700 | 101,400 |
| 30-39 | 1,170,800 | 872,300 | 57,600 | 85,500 | 155,500 |
| 40-49 | 1,291,200 | 881,700 | 52,000 | 131,300 | 226,200 |
| 50-59 | 518,600 | 351,600 | 15,400 | 59,300 | 92,300 |
| 60+ | 182,600 | 140,300 | 6,800 | 16,000 | 19,400 |
| Computer/math sciences, total | 687,700 | 541,800 | 25,600 | 56,400 | 63,900 |
| <30 | 129,300 | 95,400 | 9,900 | 15,000 | 8,900 |
| 30-39 | 275,300 | 237,500 | 7,200 | 10,500 | 20,100 |
| 40-49 | 186,900 | 139,300 | 5,400 | 20,500 | 21,700 |
| 50-59 | 79,300 | 56,300 | 2,900 | 8,600 | 11,600 |
| 60+ | 16,900 | 13,200 | 100 | 1,900 | 1,600 |
| Life/related sciences, total | 820,200 | 555,700 | 79,600 | 74,400 | 110,500 |
| <30 | 154,600 | 95,000 | 34,000 | 12,300 | 13,300 |
| 30-39 | 245,900 | 171,600 | 21,900 | 20,800 | 31,600 |
| 40-49 | 281,800 | 194,000 | 18,100 | 24,800 | 44,900 |
| 50-59 | 98,200 | 64,800 | 3,100 | 13,900 | 16,400 |
| 60+ | 39,700 | 30,300 | 2,500 | 2,600 | 4,400 |

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

Table C-3. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment sector: 1995

| Level and field of highest degree, and age | Employed S&Es, total | Sector of employment | | | |
|---|----------------------|----------------------|--------------------------|-------------------------------|------------|
| | | Business/industry | 4-yr. College/university | Other educational institution | Government |
| Bachelor's — continued | | | | | |
| Physical/related sciences, total | 374,500 | 273,300 | 30,700 | 21,600 | 48,800 |
| <30 | 56,900 | 32,300 | 14,900 | 4,100 | 5,600 |
| 30-39 | 109,600 | 80,900 | 7,700 | 5,800 | 15,300 |
| 40-49 | 107,600 | 82,600 | 5,900 | 5,500 | 13,700 |
| 50-59 | 65,900 | 48,800 | 1,800 | 5,100 | 10,100 |
| 60+ | 34,500 | 28,700 | 500 | 1,100 | 4,100 |
| Social/related sciences, total | 2,165,400 | 1,467,200 | 99,300 | 227,500 | 371,400 |
| <30 | 543,700 | 369,400 | 44,500 | 56,300 | 73,500 |
| 30-39 | 540,000 | 382,300 | 20,800 | 48,500 | 88,500 |
| 40-49 | 714,800 | 465,800 | 22,700 | 80,500 | 145,900 |
| 50-59 | 275,200 | 181,700 | 7,600 | 31,800 | 54,200 |
| 60+ | 91,600 | 68,100 | 3,700 | 10,500 | 9,300 |
| Engineering, total | 1,360,800 | 1,122,200 | 31,000 | 16,800 | 190,900 |
| <30 | 211,800 | 167,700 | 14,400 | 1,900 | 27,800 |
| 30-39 | 471,100 | 389,700 | 8,300 | 3,500 | 69,600 |
| 40-49 | 341,000 | 279,200 | 4,600 | 5,200 | 52,100 |
| 50-59 | 201,200 | 168,300 | 2,500 | 4,300 | 26,100 |
| 60+ | 135,700 | 117,200 | 1,200 | 1,900 | 15,300 |
| Non-S&E degree fields, total | 518,200 | 408,600 | 22,500 | 24,400 | 62,600 |
| <30 | 22,400 | 18,900 | 1,800 | 200 | 1,600 |
| 30-39 | 196,100 | 160,300 | 9,500 | 7,900 | 18,500 |
| 40-49 | 201,300 | 156,500 | 7,300 | 10,400 | 27,000 |
| 50-59 | 74,500 | 56,100 | 2,000 | 4,700 | 11,800 |
| 60+ | 23,800 | 16,900 | 1,900 | 1,300 | 3,800 |
| Master's | | | | | |
| All degree fields, total | 2,656,800 | 1,610,700 | 204,600 | 464,000 | 377,500 |
| <30 | 150,800 | 92,500 | 27,900 | 15,000 | 15,400 |
| 30-39 | 706,700 | 475,200 | 66,900 | 73,200 | 91,400 |
| 40-49 | 1,017,100 | 608,500 | 61,900 | 194,200 | 152,600 |
| 50-59 | 594,500 | 319,700 | 35,000 | 144,500 | 95,300 |
| 60+ | 187,600 | 114,900 | 13,000 | 37,000 | 22,700 |
| S&E degree fields, total | 1,359,300 | 840,600 | 127,600 | 189,300 | 201,700 |
| <30 | 95,300 | 56,100 | 23,700 | 5,600 | 9,900 |
| 30-39 | 369,600 | 243,500 | 47,400 | 27,800 | 51,000 |
| 40-49 | 492,000 | 304,700 | 32,100 | 75,100 | 80,100 |
| 50-59 | 304,800 | 175,400 | 18,900 | 63,100 | 47,400 |
| 60+ | 97,500 | 61,000 | 5,500 | 17,700 | 13,400 |
| Sciences, total | 953,500 | 519,500 | 102,200 | 184,000 | 147,800 |
| <30 | 58,700 | 30,000 | 16,800 | 5,300 | 6,500 |
| 30-39 | 229,400 | 134,600 | 36,300 | 26,000 | 32,500 |
| 40-49 | 368,500 | 201,000 | 29,700 | 74,000 | 63,900 |
| 50-59 | 226,700 | 116,000 | 14,700 | 62,100 | 33,900 |
| 60+ | 70,200 | 37,900 | 4,700 | 16,600 | 10,900 |

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

Table C-3. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment sector: 1995

| Level and field of highest degree, and age | Employed S&Es, total | Sector of employment | | | |
|---|----------------------|----------------------|--------------------------|-------------------------------|------------|
| | | Business/industry | 4-yr. College/university | Other educational institution | Government |
| Master's — continued | | | | | |
| Computer/math sciences, total | 230,700 | 156,000 | 21,200 | 33,100 | 20,500 |
| <30 | 17,500 | 10,900 | 4,700 | 1,000 | 900 |
| 30-39 | 71,300 | 53,600 | 6,100 | 6,200 | 5,300 |
| 40-49 | 82,200 | 55,500 | 6,600 | 11,800 | 8,300 |
| 50-59 | 50,800 | 31,400 | 2,700 | 11,900 | 4,700 |
| 60+ | 9,000 | 4,500 | 1,100 | 2,100 | 1,300 |
| Life/related sciences, total | 149,400 | 70,600 | 25,000 | 27,300 | 26,500 |
| <30 | 7,600 | 3,600 | 2,400 | 500 | 1,000 |
| 30-39 | 36,200 | 15,600 | 11,400 | 2,500 | 6,700 |
| 40-49 | 59,800 | 29,600 | 5,800 | 12,300 | 12,200 |
| 50-59 | 36,800 | 16,600 | 4,000 | 10,700 | 5,400 |
| 60+ | 9,100 | 5,300 | 1,400 | 1,200 | 1,100 |
| Physical/related sciences, total | 112,200 | 66,600 | 15,200 | 13,200 | 17,300 |
| <30 | 7,100 | 3,200 | 3,000 | 300 | 600 |
| 30-39 | 33,400 | 20,900 | 5,700 | 2,100 | 4,700 |
| 40-49 | 34,400 | 20,600 | 3,300 | 5,200 | 5,300 |
| 50-59 | 27,300 | 15,700 | 2,700 | 3,900 | 5,100 |
| 60+ | 10,100 | 6,100 | 600 | 1,700 | 1,700 |
| Social/related sciences, total | 461,100 | 226,500 | 40,800 | 110,500 | 83,500 |
| <30 | 26,600 | 12,300 | 6,700 | 3,500 | 4,000 |
| 30-39 | 88,600 | 44,500 | 13,100 | 15,200 | 15,800 |
| 40-49 | 192,100 | 95,300 | 14,000 | 44,700 | 38,100 |
| 50-59 | 111,900 | 52,300 | 5,400 | 35,500 | 18,700 |
| 60+ | 42,100 | 22,100 | 1,600 | 11,500 | 6,900 |
| Engineering, total | 405,800 | 321,100 | 25,400 | 5,300 | 53,900 |
| <30 | 36,600 | 26,100 | 6,900 | 300 | 3,400 |
| 30-39 | 140,200 | 108,900 | 11,100 | 1,800 | 18,400 |
| 40-49 | 123,500 | 103,700 | 2,500 | 1,100 | 16,200 |
| 50-59 | 78,100 | 59,300 | 4,200 | 1,000 | 13,500 |
| 60+ | 27,400 | 23,100 | 800 | 1,100 | 2,500 |
| Non-S&E degree fields, total | 1,297,500 | 770,100 | 77,000 | 274,600 | 175,800 |
| <30 | 55,500 | 36,400 | 4,200 | 9,500 | 5,500 |
| 30-39 | 337,100 | 231,700 | 19,500 | 45,400 | 40,400 |
| 40-49 | 525,100 | 303,800 | 29,700 | 119,100 | 72,600 |
| 50-59 | 289,700 | 144,400 | 16,000 | 81,400 | 47,800 |
| 60+ | 90,000 | 53,900 | 7,500 | 19,300 | 9,400 |
| Doctorate | | | | | |
| All degree fields, total | 689,900 | 278,600 | 294,700 | 54,100 | 62,600 |
| <30 | 15,100 | 5,000 | 6,500 | 2,900 | 800 |
| 30-39 | 156,600 | 67,800 | 71,800 | 6,800 | 10,200 |
| 40-49 | 238,400 | 98,700 | 96,000 | 19,500 | 24,200 |
| 50-59 | 198,400 | 75,000 | 84,200 | 18,300 | 20,800 |
| 60+ | 81,400 | 32,100 | 36,200 | 6,400 | 6,700 |

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

Table C-3. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment sector: 1995

| Level and field of highest degree, and age | Employed S&Es, total | Sector of employment | | | |
|---|----------------------|----------------------|--------------------------|-------------------------------|------------|
| | | Business/industry | 4-yr. College/university | Other educational institution | Government |
| Doctorate — continued | | | | | |
| S&E degree fields, total | 557,400 | 236,000 | 248,900 | 19,000 | 53,500 |
| <30 | 9,900 | 3,200 | 5,300 | 800 | 600 |
| 30-39 | 136,800 | 58,700 | 65,000 | 3,400 | 9,700 |
| 40-49 | 195,500 | 86,700 | 81,600 | 6,600 | 20,700 |
| 50-59 | 154,300 | 64,100 | 67,000 | 5,900 | 17,300 |
| 60+ | 60,900 | 23,300 | 30,000 | 2,200 | 5,400 |
| Sciences, total | 467,000 | 181,700 | 220,000 | 17,900 | 47,400 |
| <30 | 7,400 | 1,900 | 4,200 | 800 | 400 |
| 30-39 | 107,700 | 40,700 | 55,700 | 3,300 | 7,900 |
| 40-49 | 169,400 | 70,700 | 73,300 | 6,500 | 18,800 |
| 50-59 | 130,500 | 49,400 | 60,300 | 5,300 | 15,400 |
| 60+ | 52,200 | 18,900 | 26,400 | 2,100 | 4,800 |
| Computer/math sciences, total | 36,900 | 12,700 | 21,000 | 1,400 | 1,900 |
| <30 | 1,100 | 200 | 900 | S | S |
| 30-39 | 10,300 | 3,800 | 5,500 | 300 | 700 |
| 40-49 | 12,300 | 4,500 | 6,800 | 500 | 600 |
| 50-59 | 10,500 | 3,700 | 5,900 | 400 | 500 |
| 60+ | 2,800 | 500 | 1,900 | 200 | 200 |
| Life/related sciences, total | 157,200 | 52,900 | 83,000 | 4,400 | 16,900 |
| <30 | 1,900 | 700 | 900 | 200 | S |
| 30-39 | 38,700 | 12,000 | 22,800 | 900 | 3,000 |
| 40-49 | 59,800 | 21,100 | 30,200 | 1,500 | 7,000 |
| 50-59 | 40,300 | 13,300 | 20,400 | 1,400 | 5,200 |
| 60+ | 16,400 | 5,800 | 8,700 | 400 | 1,600 |
| Physical/related sciences, total | 118,100 | 59,300 | 45,000 | 3,000 | 10,800 |
| <30 | 2,300 | 600 | 1,500 | 100 | 200 |
| 30-39 | 29,800 | 14,800 | 12,900 | 500 | 1,600 |
| 40-49 | 36,800 | 20,600 | 12,200 | 700 | 3,300 |
| 50-59 | 34,700 | 17,300 | 12,100 | 1,100 | 4,100 |
| 60+ | 14,500 | 6,100 | 6,300 | 600 | 1,500 |
| Social/related sciences, total | 154,800 | 56,700 | 71,000 | 9,200 | 17,800 |
| <30 | 2,100 | 400 | 900 | 500 | 200 |
| 30-39 | 28,900 | 10,100 | 14,500 | 1,600 | 2,600 |
| 40-49 | 60,400 | 24,600 | 24,100 | 3,800 | 7,900 |
| 50-59 | 45,000 | 15,100 | 21,900 | 2,300 | 5,600 |
| 60+ | 18,500 | 6,500 | 9,600 | 900 | 1,400 |
| Engineering, total | 90,300 | 54,200 | 28,900 | 1,000 | 6,100 |
| <30 | 2,600 | 1,300 | 1,100 | S | 100 |
| 30-39 | 29,100 | 17,900 | 9,300 | 100 | 1,800 |
| 40-49 | 26,200 | 15,900 | 8,300 | 100 | 1,800 |
| 50-59 | 23,800 | 14,700 | 6,700 | 600 | 1,800 |
| 60+ | 8,700 | 4,400 | 3,600 | 200 | 600 |

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

Table C-3. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, age, and employment sector: 1995

| Level and field of highest degree, and age | Employed S&Es, total | Sector of employment | | | |
|---|----------------------|----------------------|--------------------------|-------------------------------|------------|
| | | Business/industry | 4-yr. College/university | Other educational institution | Government |
| Doctorate — continued | | | | | |
| Non-S&E degree fields, total | 132,600 | 42,600 | 45,700 | 35,100 | 9,100 |
| <30 | 5,200 | 1,700 | 1,100 | 2,200 | 200 |
| 30-39 | 19,900 | 9,100 | 6,800 | 3,300 | 600 |
| 40-49 | 42,900 | 12,100 | 14,400 | 12,900 | 3,500 |
| 50-59 | 44,100 | 10,900 | 17,200 | 12,500 | 3,500 |
| 60+ | 20,500 | 8,800 | 6,200 | 4,200 | 1,300 |

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 were employed in a S&E occupation during either the 1993 or 1995 SESTAT surveys. 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, 1995 SESTAT (Scientists and Engineers Statistical Data System)