

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| All degree levels and fields ^a | 91,000 | 83,000 | 81,000 | 41,000 | 16,000 | 41,000 | 34,000 | 28,000 |
| Male | 66,000 | 61,000 | 59,000 | 21,000 | 11,000 | 26,000 | 24,000 | 11,000 |
| Female | 59,000 | 53,000 | 50,000 | 35,000 | 11,000 | 33,000 | 22,000 | 27,000 |
| S&E fields | 73,000 | 66,000 | 65,000 | 26,000 | 13,000 | 33,000 | 25,000 | 23,000 |
| Male | 58,000 | 53,000 | 50,000 | 15,000 | 10,000 | 21,000 | 20,000 | 9,000 |
| Female | 43,000 | 37,000 | 35,000 | 22,000 | 9,000 | 26,000 | 14,000 | 22,000 |
| Sciences | 68,000 | 63,000 | 59,000 | 25,000 | 13,000 | 31,000 | 22,000 | 23,000 |
| Male | 50,000 | 47,000 | 43,000 | 14,000 | 9,000 | 18,000 | 16,000 | 9,000 |
| Female | 43,000 | 38,000 | 35,000 | 22,000 | 8,000 | 25,000 | 14,000 | 21,000 |
| Biological/agricultural/environmental life sciences | 30,000 | 28,000 | 25,000 | 11,000 | 5,000 | 13,000 | 9,000 | 10,000 |
| Male | 21,000 | 20,000 | 19,000 | 6,000 | 4,000 | 8,000 | 7,000 | 4,000 |
| Female | 20,000 | 18,000 | 16,000 | 9,000 | 3,000 | 9,000 | 5,000 | 9,000 |
| Agricultural/food sciences | 14,000 | 13,000 | 11,000 | 4,000 | 2,000 | 5,000 | 4,000 | 2,000 |
| Male | 10,000 | 9,000 | 9,000 | 2,000 | 2,000 | 4,000 | 4,000 | 1,000 |
| Female | 8,000 | 8,000 | 7,000 | 3,000 | 2,000 | 2,000 | 1,000 | 2,000 |
| Biological sciences | 25,000 | 24,000 | 22,000 | 9,000 | 4,000 | 11,000 | 7,000 | 9,000 |
| Male | 17,000 | 16,000 | 16,000 | 5,000 | 3,000 | 7,000 | 5,000 | 4,000 |
| Female | 18,000 | 16,000 | 14,000 | 8,000 | 3,000 | 9,000 | 5,000 | 8,000 |
| Environmental life sciences | 10,000 | 9,000 | 9,000 | 3,000 | 2,000 | 4,000 | 3,000 | 2,000 |
| Male | 9,000 | 8,000 | 7,000 | 2,000 | 2,000 | 3,000 | 3,000 | 1,000 |
| Female | 6,000 | 5,000 | 5,000 | 2,000 | 500 | 2,000 | 1,000 | 1,000 |
| Computer/mathematical sciences | 25,000 | 23,000 | 22,000 | 9,000 | 5,000 | 11,000 | 7,000 | 8,000 |
| Male | 18,000 | 17,000 | 17,000 | 5,000 | 4,000 | 7,000 | 6,000 | 3,000 |
| Female | 18,000 | 15,000 | 13,000 | 7,000 | 3,000 | 8,000 | 4,000 | 7,000 |
| Computer/information sciences | 18,000 | 17,000 | 16,000 | 6,000 | 4,000 | 7,000 | 4,000 | 5,000 |
| Male | 14,000 | 14,000 | 13,000 | 3,000 | 4,000 | 3,000 | 3,000 | 2,000 |
| Female | 11,000 | 10,000 | 9,000 | 5,000 | 2,000 | 5,000 | 2,000 | 5,000 |
| Mathematical sciences | 18,000 | 16,000 | 14,000 | 7,000 | 2,000 | 8,000 | 7,000 | 6,000 |
| Male | 13,000 | 11,000 | 11,000 | 3,000 | 2,000 | 6,000 | 6,000 | 3,000 |
| Female | 12,000 | 10,000 | 8,000 | 5,000 | 2,000 | 7,000 | 4,000 | 5,000 |
| Physical/related sciences | 16,000 | 14,000 | 13,000 | 5,000 | 3,000 | 8,000 | 7,000 | 4,000 |
| Male | 14,000 | 13,000 | 13,000 | 3,000 | 3,000 | 6,000 | 6,000 | 2,000 |
| Female | 9,000 | 8,000 | 7,000 | 3,000 | 2,000 | 5,000 | 4,000 | 4,000 |
| Chemistry, except biochemistry | 13,000 | 11,000 | 10,000 | 4,000 | 2,000 | 6,000 | 5,000 | 3,000 |
| Male | 10,000 | 9,000 | 9,000 | 2,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Female | 7,000 | 5,000 | 5,000 | 3,000 | 2,000 | 4,000 | 3,000 | 3,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Earth/atmospheric/ocean sciences | 10,000 | 8,000 | 8,000 | 2,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Male | 9,000 | 7,000 | 7,000 | 2,000 | 2,000 | 3,000 | 3,000 | 2,000 |
| Female | 4,000 | 4,000 | 3,000 | 1,000 | 500 | 2,000 | 2,000 | 1,000 |
| Physics/astronomy | 7,000 | 6,000 | 6,000 | 3,000 | 1,000 | 4,000 | 3,000 | 1,000 |
| Male | 6,000 | 5,000 | 5,000 | 2,000 | 1,000 | 3,000 | 3,000 | 1,000 |
| Female | 3,000 | 2,000 | 2,000 | 2,000 | 500 | 1,000 | 1,000 | 1,000 |
| Other physical sciences | 5,000 | 5,000 | 5,000 | 1,000 | 500 | 2,000 | 2,000 | 1,000 |
| Male | 4,000 | 4,000 | 4,000 | 500 | S | 1,000 | 1,000 | S |
| Female | 4,000 | 3,000 | 3,000 | 1,000 | S | 2,000 | 2,000 | 1,000 |
| Social/related sciences | 54,000 | 50,000 | 46,000 | 21,000 | 9,000 | 23,000 | 16,000 | 19,000 |
| Male | 37,000 | 35,000 | 33,000 | 11,000 | 6,000 | 12,000 | 11,000 | 6,000 |
| Female | 38,000 | 33,000 | 30,000 | 18,000 | 7,000 | 20,000 | 13,000 | 17,000 |
| Economics | 21,000 | 19,000 | 19,000 | 8,000 | 3,000 | 8,000 | 5,000 | 6,000 |
| Male | 18,000 | 18,000 | 17,000 | 5,000 | 2,000 | 5,000 | 5,000 | 2,000 |
| Female | 12,000 | 10,000 | 9,000 | 6,000 | 1,000 | 6,000 | 3,000 | 5,000 |
| Political/related sciences | 25,000 | 22,000 | 20,000 | 8,000 | 4,000 | 10,000 | 7,000 | 7,000 |
| Male | 20,000 | 17,000 | 16,000 | 5,000 | 3,000 | 7,000 | 6,000 | 4,000 |
| Female | 15,000 | 13,000 | 11,000 | 6,000 | 3,000 | 7,000 | 3,000 | 6,000 |
| Psychology | 31,000 | 26,000 | 23,000 | 14,000 | 6,000 | 15,000 | 10,000 | 11,000 |
| Male | 17,000 | 15,000 | 14,000 | 6,000 | 3,000 | 7,000 | 6,000 | 3,000 |
| Female | 25,000 | 21,000 | 19,000 | 13,000 | 5,000 | 13,000 | 8,000 | 11,000 |
| Sociology/anthropology | 23,000 | 20,000 | 18,000 | 9,000 | 5,000 | 12,000 | 8,000 | 9,000 |
| Male | 14,000 | 13,000 | 13,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 |
| Female | 20,000 | 16,000 | 14,000 | 9,000 | 4,000 | 11,000 | 7,000 | 9,000 |
| Other social sciences | 18,000 | 15,000 | 14,000 | 7,000 | 3,000 | 8,000 | 6,000 | 5,000 |
| Male | 12,000 | 11,000 | 10,000 | 4,000 | 2,000 | 4,000 | 4,000 | 1,000 |
| Female | 14,000 | 12,000 | 10,000 | 6,000 | 2,000 | 7,000 | 4,000 | 5,000 |
| Engineering | 32,000 | 27,000 | 27,000 | 7,000 | 4,000 | 13,000 | 12,000 | 6,000 |
| Male | 30,000 | 27,000 | 26,000 | 6,000 | 4,000 | 12,000 | 12,000 | 4,000 |
| Female | 10,000 | 9,000 | 8,000 | 4,000 | 2,000 | 5,000 | 2,000 | 4,000 |
| Aerospace/related engineering | 6,000 | 6,000 | 5,000 | 2,000 | 500 | 2,000 | 2,000 | 1,000 |
| Male | 6,000 | 5,000 | 5,000 | 2,000 | 500 | 2,000 | 2,000 | 1,000 |
| Female | 2,000 | 2,000 | 1,000 | 1,000 | S | 500 | S | 500 |
| Chemical engineering | 8,000 | 7,000 | 6,000 | 2,000 | 1,000 | 4,000 | 4,000 | 2,000 |
| Male | 7,000 | 6,000 | 6,000 | 1,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Female | 3,000 | 3,000 | 3,000 | 1,000 | 500 | 1,000 | 500 | 1,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Civil/architectural engineering | 11,000 | 11,000 | 10,000 | 3,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Male | 11,000 | 11,000 | 10,000 | 2,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Female | 4,000 | 4,000 | 3,000 | 2,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Electrical/computer engineering | 15,000 | 14,000 | 13,000 | 4,000 | 2,000 | 7,000 | 6,000 | 3,000 |
| Male | 14,000 | 13,000 | 13,000 | 3,000 | 2,000 | 6,000 | 6,000 | 2,000 |
| Female | 6,000 | 5,000 | 5,000 | 2,000 | 1,000 | 2,000 | 1,000 | 2,000 |
| Industrial engineering | 9,000 | 8,000 | 7,000 | 3,000 | 2,000 | 5,000 | 4,000 | 2,000 |
| Male | 8,000 | 7,000 | 6,000 | 2,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Female | 4,000 | 3,000 | 3,000 | 1,000 | 1,000 | 2,000 | S | 2,000 |
| Mechanical engineering | 14,000 | 13,000 | 12,000 | 4,000 | 2,000 | 7,000 | 6,000 | 2,000 |
| Male | 14,000 | 13,000 | 12,000 | 3,000 | 2,000 | 6,000 | 6,000 | 2,000 |
| Female | 4,000 | 3,000 | 3,000 | 1,000 | 1,000 | 2,000 | 1,000 | 2,000 |
| Other engineering | 13,000 | 11,000 | 10,000 | 3,000 | 2,000 | 6,000 | 5,000 | 3,000 |
| Male | 12,000 | 10,000 | 10,000 | 3,000 | 1,000 | 5,000 | 5,000 | 1,000 |
| Female | 4,000 | 3,000 | 3,000 | 2,000 | 1,000 | 3,000 | 1,000 | 2,000 |
| S&E-related fields | 46,000 | 43,000 | 37,000 | 23,000 | 6,000 | 19,000 | 15,000 | 13,000 |
| Male | 28,000 | 27,000 | 26,000 | 9,000 | 3,000 | 11,000 | 10,000 | 4,000 |
| Female | 35,000 | 33,000 | 29,000 | 22,000 | 5,000 | 17,000 | 13,000 | 13,000 |
| Health | 40,000 | 35,000 | 31,000 | 22,000 | 5,000 | 17,000 | 13,000 | 13,000 |
| Male | 21,000 | 20,000 | 19,000 | 8,000 | 2,000 | 7,000 | 7,000 | 3,000 |
| Female | 33,000 | 30,000 | 27,000 | 22,000 | 5,000 | 16,000 | 11,000 | 13,000 |
| Science/mathematics teacher education | 18,000 | 16,000 | 13,000 | 8,000 | 2,000 | 8,000 | 7,000 | 4,000 |
| Male | 11,000 | 10,000 | 8,000 | 4,000 | S | 5,000 | 5,000 | 1,000 |
| Female | 13,000 | 12,000 | 9,000 | 6,000 | 1,000 | 6,000 | 5,000 | 4,000 |
| Technology/technical fields | 14,000 | 13,000 | 13,000 | 4,000 | 2,000 | 5,000 | 4,000 | 3,000 |
| Male | 14,000 | 13,000 | 12,000 | 3,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Female | 5,000 | 5,000 | 4,000 | 2,000 | S | 2,000 | 2,000 | 2,000 |
| Other S&E-related fields | 15,000 | 14,000 | 13,000 | 5,000 | 2,000 | 4,000 | 3,000 | 3,000 |
| Male | 12,000 | 12,000 | 11,000 | 4,000 | 1,000 | 3,000 | 3,000 | S |
| Female | 7,000 | 7,000 | 6,000 | 4,000 | S | 3,000 | 1,000 | 3,000 |
| Non-S&E fields | 53,000 | 47,000 | 42,000 | 18,000 | 7,000 | 21,000 | 16,000 | 12,000 |
| Male | 36,000 | 34,000 | 32,000 | 11,000 | 5,000 | 14,000 | 13,000 | 4,000 |
| Female | 37,000 | 32,000 | 28,000 | 15,000 | 5,000 | 15,000 | 9,000 | 11,000 |
| Arts/humanities | 14,000 | 13,000 | 12,000 | 6,000 | 2,000 | 5,000 | 3,000 | 4,000 |
| Male | 11,000 | 10,000 | 9,000 | 3,000 | 2,000 | 3,000 | 2,000 | 2,000 |
| Female | 11,000 | 10,000 | 8,000 | 5,000 | 2,000 | 3,000 | 3,000 | 3,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Education, except science/mathematics | | | | | | | | |
| teacher education | 27,000 | 24,000 | 22,000 | 11,000 | 4,000 | 12,000 | 10,000 | 7,000 |
| Male | 17,000 | 16,000 | 15,000 | 5,000 | 1,000 | 8,000 | 7,000 | 1,000 |
| Female | 22,000 | 19,000 | 17,000 | 10,000 | 3,000 | 10,000 | 6,000 | 7,000 |
| Management/administration | 30,000 | 27,000 | 26,000 | 8,000 | 5,000 | 11,000 | 8,000 | 6,000 |
| Male | 23,000 | 21,000 | 21,000 | 5,000 | 4,000 | 7,000 | 7,000 | 1,000 |
| Female | 16,000 | 14,000 | 13,000 | 6,000 | 3,000 | 7,000 | 3,000 | 6,000 |
| Sales/marketing | 10,000 | 9,000 | 8,000 | 2,000 | 2,000 | 3,000 | 2,000 | 3,000 |
| Male | 8,000 | 7,000 | 7,000 | 2,000 | S | 1,000 | 1,000 | S |
| Female | 6,000 | 5,000 | 5,000 | 2,000 | S | 3,000 | S | 3,000 |
| Social services/related | 15,000 | 14,000 | 12,000 | 7,000 | 2,000 | 5,000 | 4,000 | 3,000 |
| Male | 11,000 | 10,000 | 9,000 | 4,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Female | 10,000 | 10,000 | 9,000 | 6,000 | 1,000 | 3,000 | 2,000 | 2,000 |
| Other non-S&E fields | 26,000 | 25,000 | 23,000 | 9,000 | 3,000 | 9,000 | 7,000 | 5,000 |
| Male | 19,000 | 18,000 | 17,000 | 6,000 | 2,000 | 7,000 | 6,000 | 3,000 |
| Female | 18,000 | 18,000 | 16,000 | 8,000 | 2,000 | 6,000 | 5,000 | 4,000 |
| Bachelor's degrees | 76,000 | 70,000 | 68,000 | 33,000 | 13,000 | 33,000 | 28,000 | 24,000 |
| Male | 56,000 | 50,000 | 49,000 | 16,000 | 9,000 | 21,000 | 19,000 | 9,000 |
| Female | 50,000 | 45,000 | 42,000 | 29,000 | 9,000 | 27,000 | 18,000 | 23,000 |
| S&E fields | 68,000 | 61,000 | 60,000 | 24,000 | 12,000 | 31,000 | 23,000 | 21,000 |
| Male | 52,000 | 47,000 | 46,000 | 14,000 | 9,000 | 20,000 | 18,000 | 9,000 |
| Female | 40,000 | 35,000 | 32,000 | 21,000 | 8,000 | 24,000 | 14,000 | 20,000 |
| Sciences | 65,000 | 60,000 | 57,000 | 23,000 | 12,000 | 29,000 | 21,000 | 22,000 |
| Male | 47,000 | 44,000 | 42,000 | 13,000 | 8,000 | 16,000 | 15,000 | 8,000 |
| Female | 40,000 | 35,000 | 33,000 | 21,000 | 8,000 | 24,000 | 13,000 | 20,000 |
| Biological/agricultural/environmental life sciences | 29,000 | 27,000 | 24,000 | 10,000 | 5,000 | 12,000 | 8,000 | 9,000 |
| Male | 20,000 | 19,000 | 18,000 | 6,000 | 4,000 | 8,000 | 6,000 | 4,000 |
| Female | 20,000 | 18,000 | 16,000 | 9,000 | 3,000 | 9,000 | 4,000 | 8,000 |
| Agricultural/food sciences | 13,000 | 12,000 | 11,000 | 4,000 | 2,000 | 5,000 | 4,000 | 2,000 |
| Male | 10,000 | 9,000 | 9,000 | 2,000 | 2,000 | 4,000 | 4,000 | 1,000 |
| Female | 8,000 | 8,000 | 7,000 | 3,000 | 2,000 | 2,000 | S | 2,000 |
| Biological sciences | 25,000 | 23,000 | 21,000 | 9,000 | 4,000 | 10,000 | 6,000 | 8,000 |
| Male | 16,000 | 15,000 | 15,000 | 5,000 | 3,000 | 6,000 | 4,000 | 4,000 |
| Female | 17,000 | 16,000 | 14,000 | 8,000 | 3,000 | 8,000 | 4,000 | 7,000 |
| Environmental life sciences | 9,000 | 8,000 | 8,000 | 2,000 | 2,000 | 3,000 | 3,000 | 2,000 |
| Male | 8,000 | 7,000 | 6,000 | 1,000 | 2,000 | 3,000 | 3,000 | 500 |
| Female | 5,000 | 5,000 | 5,000 | 2,000 | 500 | 1,000 | S | 1,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Computer/mathematical sciences | 23,000 | 21,000 | 20,000 | 9,000 | 5,000 | 10,000 | 6,000 | 7,000 |
| Male | 17,000 | 16,000 | 15,000 | 4,000 | 4,000 | 6,000 | 5,000 | 3,000 |
| Female | 16,000 | 14,000 | 12,000 | 7,000 | 3,000 | 8,000 | 4,000 | 7,000 |
| Computer/information sciences | 15,000 | 15,000 | 14,000 | 6,000 | 4,000 | 6,000 | 3,000 | 5,000 |
| Male | 13,000 | 12,000 | 12,000 | 3,000 | 4,000 | 3,000 | 2,000 | 2,000 |
| Female | 10,000 | 9,000 | 9,000 | 5,000 | 2,000 | 5,000 | 1,000 | 5,000 |
| Mathematical sciences | 17,000 | 15,000 | 14,000 | 6,000 | 2,000 | 8,000 | 6,000 | 5,000 |
| Male | 12,000 | 11,000 | 10,000 | 3,000 | 1,000 | 6,000 | 5,000 | 3,000 |
| Female | 12,000 | 9,000 | 8,000 | 5,000 | 1,000 | 6,000 | 3,000 | 5,000 |
| Physical/related sciences | 15,000 | 13,000 | 12,000 | 4,000 | 3,000 | 8,000 | 7,000 | 4,000 |
| Male | 12,000 | 12,000 | 12,000 | 3,000 | 3,000 | 6,000 | 6,000 | 2,000 |
| Female | 9,000 | 7,000 | 7,000 | 3,000 | 2,000 | 5,000 | 4,000 | 3,000 |
| Chemistry, except biochemistry | 11,000 | 10,000 | 9,000 | 3,000 | 2,000 | 6,000 | 5,000 | 3,000 |
| Male | 9,000 | 8,000 | 8,000 | 2,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Female | 6,000 | 5,000 | 5,000 | 3,000 | 2,000 | 4,000 | 3,000 | 3,000 |
| Earth/atmospheric/ocean sciences | 8,000 | 7,000 | 7,000 | 2,000 | 2,000 | 4,000 | 3,000 | 2,000 |
| Male | 7,000 | 6,000 | 6,000 | 2,000 | 2,000 | 3,000 | 3,000 | 2,000 |
| Female | 4,000 | 3,000 | 3,000 | 1,000 | * | 2,000 | S | 1,000 |
| Physics/astronomy | 7,000 | 6,000 | 5,000 | 2,000 | 1,000 | 3,000 | 3,000 | 1,000 |
| Male | 6,000 | 5,000 | 5,000 | 1,000 | 1,000 | 3,000 | 3,000 | 500 |
| Female | 2,000 | 2,000 | 1,000 | 1,000 | S | 1,000 | S | 1,000 |
| Other physical sciences | 5,000 | 4,000 | 4,000 | 1,000 | S | 2,000 | 2,000 | 1,000 |
| Male | 4,000 | 3,000 | 3,000 | S | S | S | S | S |
| Female | 4,000 | 3,000 | 3,000 | 1,000 | S | 2,000 | 2,000 | 1,000 |
| Social/related sciences | 50,000 | 46,000 | 43,000 | 20,000 | 9,000 | 22,000 | 14,000 | 18,000 |
| Male | 34,000 | 32,000 | 31,000 | 10,000 | 6,000 | 11,000 | 10,000 | 6,000 |
| Female | 34,000 | 29,000 | 27,000 | 18,000 | 6,000 | 19,000 | 11,000 | 16,000 |
| Economics | 20,000 | 19,000 | 18,000 | 7,000 | 3,000 | 8,000 | 5,000 | 6,000 |
| Male | 17,000 | 17,000 | 16,000 | 5,000 | 2,000 | 5,000 | 4,000 | 2,000 |
| Female | 11,000 | 9,000 | 8,000 | 5,000 | 1,000 | 6,000 | 3,000 | 5,000 |
| Political/related sciences | 23,000 | 20,000 | 18,000 | 7,000 | 4,000 | 10,000 | 7,000 | 7,000 |
| Male | 18,000 | 16,000 | 15,000 | 4,000 | 3,000 | 7,000 | 6,000 | 4,000 |
| Female | 14,000 | 11,000 | 10,000 | 6,000 | 3,000 | 7,000 | 3,000 | 6,000 |
| Psychology | 27,000 | 23,000 | 21,000 | 12,000 | 5,000 | 12,000 | 7,000 | 11,000 |
| Male | 15,000 | 14,000 | 13,000 | 5,000 | 3,000 | 6,000 | 5,000 | 2,000 |
| Female | 22,000 | 18,000 | 17,000 | 11,000 | 5,000 | 11,000 | 6,000 | 10,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Sociology/anthropology | 23,000 | 21,000 | 18,000 | 9,000 | 5,000 | 11,000 | 8,000 | 9,000 |
| Male | 13,000 | 13,000 | 12,000 | 4,000 | 3,000 | 5,000 | 4,000 | 3,000 |
| Female | 20,000 | 17,000 | 14,000 | 9,000 | 4,000 | 10,000 | 6,000 | 9,000 |
| Other social sciences | 16,000 | 14,000 | 13,000 | 6,000 | 2,000 | 7,000 | 5,000 | 5,000 |
| Male | 11,000 | 10,000 | 9,000 | 4,000 | 2,000 | 4,000 | 4,000 | 1,000 |
| Female | 13,000 | 11,000 | 10,000 | 6,000 | 2,000 | 6,000 | 4,000 | 5,000 |
| Engineering | 29,000 | 24,000 | 24,000 | 7,000 | 4,000 | 11,000 | 10,000 | 5,000 |
| Male | 27,000 | 23,000 | 23,000 | 6,000 | 3,000 | 11,000 | 10,000 | 3,000 |
| Female | 9,000 | 8,000 | 7,000 | 4,000 | 2,000 | 4,000 | 2,000 | 4,000 |
| Aerospace/related engineering | 6,000 | 5,000 | 5,000 | 2,000 | 500 | 2,000 | 2,000 | 1,000 |
| Male | 6,000 | 5,000 | 4,000 | 1,000 | 500 | 2,000 | 2,000 | 1,000 |
| Female | 2,000 | 2,000 | 1,000 | 1,000 | S | 500 | S | 500 |
| Chemical engineering | 7,000 | 6,000 | 6,000 | 2,000 | 1,000 | 4,000 | 4,000 | 2,000 |
| Male | 7,000 | 6,000 | 6,000 | 1,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Female | 3,000 | 3,000 | 3,000 | 1,000 | 500 | 1,000 | S | 1,000 |
| Civil/architectural engineering | 10,000 | 9,000 | 9,000 | 2,000 | 1,000 | 4,000 | 4,000 | 1,000 |
| Male | 10,000 | 9,000 | 9,000 | 2,000 | 500 | 4,000 | 4,000 | 1,000 |
| Female | 3,000 | 3,000 | 3,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Electrical/computer engineering | 13,000 | 11,000 | 11,000 | 3,000 | 2,000 | 5,000 | 5,000 | 3,000 |
| Male | 12,000 | 11,000 | 11,000 | 3,000 | 2,000 | 5,000 | 5,000 | 2,000 |
| Female | 5,000 | 4,000 | 4,000 | 2,000 | 1,000 | 2,000 | S | 2,000 |
| Industrial engineering | 9,000 | 7,000 | 7,000 | 2,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Male | 8,000 | 6,000 | 6,000 | 2,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Female | 3,000 | 3,000 | 3,000 | 1,000 | 1,000 | 2,000 | S | 2,000 |
| Mechanical engineering | 13,000 | 11,000 | 11,000 | 3,000 | 1,000 | 6,000 | 6,000 | 2,000 |
| Male | 13,000 | 11,000 | 11,000 | 3,000 | 1,000 | 6,000 | 6,000 | 2,000 |
| Female | 4,000 | 3,000 | 3,000 | 1,000 | S | 2,000 | S | 1,000 |
| Other engineering | 11,000 | 9,000 | 9,000 | 3,000 | 1,000 | 5,000 | 5,000 | 2,000 |
| Male | 11,000 | 9,000 | 9,000 | 2,000 | 1,000 | 5,000 | 5,000 | 1,000 |
| Female | 4,000 | 3,000 | 2,000 | 1,000 | 1,000 | 2,000 | S | 2,000 |
| S&E-related fields | 41,000 | 38,000 | 33,000 | 21,000 | 5,000 | 17,000 | 13,000 | 12,000 |
| Male | 21,000 | 20,000 | 20,000 | 6,000 | 3,000 | 8,000 | 7,000 | 3,000 |
| Female | 33,000 | 31,000 | 26,000 | 19,000 | 4,000 | 15,000 | 11,000 | 11,000 |
| Health | 35,000 | 30,000 | 26,000 | 19,000 | 4,000 | 15,000 | 11,000 | 11,000 |
| Male | 12,000 | 11,000 | 11,000 | 4,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Female | 31,000 | 27,000 | 24,000 | 18,000 | 4,000 | 14,000 | 10,000 | 11,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Science/mathematics teacher education | 13,000 | 12,000 | 10,000 | 6,000 | 2,000 | 6,000 | 5,000 | 4,000 |
| Male | 8,000 | 7,000 | 7,000 | 3,000 | S | 4,000 | 4,000 | S |
| Female | 10,000 | 8,000 | 7,000 | 5,000 | S | 5,000 | 4,000 | 4,000 |
| Technology/technical fields | 13,000 | 12,000 | 12,000 | 4,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Male | 13,000 | 12,000 | 11,000 | 3,000 | 2,000 | 4,000 | 3,000 | 2,000 |
| Female | 5,000 | 4,000 | 3,000 | 2,000 | S | 2,000 | 2,000 | 1,000 |
| Other S&E-related fields | 12,000 | 12,000 | 11,000 | 4,000 | S | 3,000 | 2,000 | 3,000 |
| Male | 11,000 | 11,000 | 10,000 | 3,000 | S | 2,000 | 2,000 | S |
| Female | 6,000 | 6,000 | 5,000 | 3,000 | S | 3,000 | S | 3,000 |
| Non-S&E fields | 29,000 | 28,000 | 24,000 | 10,000 | 3,000 | 7,000 | 5,000 | 5,000 |
| Male | 20,000 | 20,000 | 19,000 | 5,000 | 2,000 | 4,000 | 3,000 | 3,000 |
| Female | 21,000 | 19,000 | 17,000 | 8,000 | 3,000 | 6,000 | 4,000 | 5,000 |
| Arts/humanities | 12,000 | 11,000 | 10,000 | 5,000 | 2,000 | 3,000 | 2,000 | 3,000 |
| Male | 9,000 | 8,000 | 8,000 | 2,000 | S | 2,000 | 1,000 | S |
| Female | 8,000 | 8,000 | 7,000 | 4,000 | 1,000 | 2,000 | 2,000 | 2,000 |
| Education, except science/mathematics teacher education | 11,000 | 10,000 | 9,000 | 5,000 | 1,000 | 4,000 | 3,000 | 2,000 |
| Male | 6,000 | 6,000 | 6,000 | 2,000 | S | 2,000 | 2,000 | S |
| Female | 10,000 | 9,000 | 8,000 | 5,000 | S | 4,000 | 3,000 | 2,000 |
| Management/administration | 18,000 | 17,000 | 14,000 | 5,000 | 3,000 | 4,000 | 3,000 | 3,000 |
| Male | 13,000 | 13,000 | 12,000 | 2,000 | 2,000 | 2,000 | 2,000 | S |
| Female | 10,000 | 9,000 | 8,000 | 4,000 | 2,000 | 3,000 | 2,000 | 2,000 |
| Sales/marketing | 6,000 | 5,000 | 5,000 | 500 | S | S | S | S |
| Male | 4,000 | 4,000 | 4,000 | S | S | S | S | S |
| Female | 4,000 | 4,000 | 4,000 | S | S | S | S | S |
| Social services/related | 5,000 | 5,000 | 4,000 | 2,000 | 1,000 | 2,000 | S | S |
| Male | 4,000 | 4,000 | 3,000 | 2,000 | 1,000 | S | S | S |
| Female | 3,000 | 3,000 | 3,000 | 1,000 | S | S | S | S |
| Other non-S&E fields | 11,000 | 11,000 | 10,000 | 4,000 | S | 2,000 | 1,000 | 2,000 |
| Male | 8,000 | 7,000 | 7,000 | 2,000 | S | 1,000 | S | S |
| Female | 8,000 | 8,000 | 8,000 | 3,000 | S | 2,000 | S | S |
| Master's degrees | 51,000 | 46,000 | 43,000 | 21,000 | 8,000 | 22,000 | 18,000 | 13,000 |
| Male | 35,000 | 33,000 | 31,000 | 11,000 | 6,000 | 13,000 | 13,000 | 4,000 |
| Female | 34,000 | 30,000 | 28,000 | 18,000 | 5,000 | 17,000 | 12,000 | 13,000 |
| S&E fields | 30,000 | 26,000 | 23,000 | 10,000 | 4,000 | 14,000 | 11,000 | 7,000 |
| Male | 22,000 | 20,000 | 19,000 | 6,000 | 4,000 | 9,000 | 8,000 | 3,000 |
| Female | 19,000 | 15,000 | 14,000 | 8,000 | 2,000 | 9,000 | 6,000 | 6,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Sciences | 27,000 | 22,000 | 20,000 | 10,000 | 3,000 | 12,000 | 10,000 | 6,000 |
| Male | 18,000 | 16,000 | 15,000 | 6,000 | 3,000 | 7,000 | 7,000 | 2,000 |
| Female | 18,000 | 15,000 | 13,000 | 8,000 | 2,000 | 9,000 | 6,000 | 6,000 |
| Biological/agricultural/environmental life sciences | 9,000 | 8,000 | 8,000 | 4,000 | 1,000 | 5,000 | 4,000 | 2,000 |
| Male | 7,000 | 6,000 | 6,000 | 2,000 | 1,000 | 3,000 | 3,000 | 1,000 |
| Female | 6,000 | 6,000 | 5,000 | 3,000 | 1,000 | 3,000 | 2,000 | 2,000 |
| Agricultural/food sciences | 3,000 | 3,000 | 3,000 | 1,000 | S | 2,000 | 2,000 | * |
| Male | 3,000 | 2,000 | 2,000 | 500 | S | 1,000 | 1,000 | S |
| Female | 2,000 | 2,000 | 2,000 | 1,000 | S | 500 | S | * |
| Biological sciences | 8,000 | 7,000 | 7,000 | 3,000 | 1,000 | 4,000 | 3,000 | 2,000 |
| Male | 6,000 | 5,000 | 5,000 | 2,000 | 500 | 3,000 | 2,000 | 1,000 |
| Female | 6,000 | 5,000 | 4,000 | 3,000 | 1,000 | 3,000 | 2,000 | 2,000 |
| Environmental life sciences | 4,000 | 4,000 | 3,000 | 2,000 | S | 2,000 | 1,000 | 1,000 |
| Male | 3,000 | 3,000 | 3,000 | 1,000 | S | 1,000 | 1,000 | S |
| Female | 3,000 | 2,000 | 2,000 | 1,000 | S | 1,000 | S | * |
| Computer/mathematical sciences | 12,000 | 10,000 | 10,000 | 3,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Male | 10,000 | 9,000 | 8,000 | 2,000 | 2,000 | 3,000 | 3,000 | 1,000 |
| Female | 6,000 | 6,000 | 5,000 | 3,000 | 1,000 | 3,000 | 2,000 | 2,000 |
| Computer/information sciences | 10,000 | 9,000 | 9,000 | 3,000 | 2,000 | 3,000 | 2,000 | 2,000 |
| Male | 9,000 | 8,000 | 8,000 | 2,000 | 2,000 | 2,000 | 2,000 | 1,000 |
| Female | 5,000 | 5,000 | 4,000 | 2,000 | 1,000 | 2,000 | 1,000 | 2,000 |
| Mathematical sciences | 6,000 | 5,000 | 5,000 | 2,000 | 1,000 | 3,000 | 3,000 | 1,000 |
| Male | 5,000 | 4,000 | 4,000 | 1,000 | 1,000 | 3,000 | 2,000 | 500 |
| Female | 4,000 | 3,000 | 3,000 | 2,000 | 1,000 | 2,000 | 1,000 | 1,000 |
| Physical/related sciences | 7,000 | 6,000 | 5,000 | 3,000 | 1,000 | 3,000 | 3,000 | 1,000 |
| Male | 6,000 | 5,000 | 5,000 | 2,000 | 1,000 | 3,000 | 3,000 | 1,000 |
| Female | 3,000 | 3,000 | 2,000 | 2,000 | * | 1,000 | 1,000 | 1,000 |
| Chemistry, except biochemistry | 4,000 | 3,000 | 3,000 | 2,000 | 1,000 | 2,000 | 1,000 | 1,000 |
| Male | 3,000 | 3,000 | 2,000 | 1,000 | 1,000 | 1,000 | 1,000 | 500 |
| Female | 2,000 | 2,000 | 1,000 | 1,000 | S | 1,000 | 1,000 | 1,000 |
| Earth/atmospheric/ocean sciences | 4,000 | 4,000 | 4,000 | 1,000 | 500 | 1,000 | 1,000 | 1,000 |
| Male | 4,000 | 3,000 | 3,000 | 500 | S | 1,000 | 1,000 | 500 |
| Female | 2,000 | 2,000 | 2,000 | 1,000 | S | 500 | S | 500 |
| Physics/astronomy | 3,000 | 3,000 | 2,000 | 1,000 | * | 2,000 | 2,000 | 1,000 |
| Male | 3,000 | 3,000 | 2,000 | 1,000 | S | 2,000 | 2,000 | 500 |
| Female | 1,000 | 1,000 | 1,000 | 500 | S | 1,000 | S | 1,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Other physical sciences | 1,000 | 1,000 | 1,000 | 1,000 | S | 1,000 | S | S |
| Male | 1,000 | 1,000 | 1,000 | S | S | S | S | S |
| Female | 1,000 | 1,000 | 1,000 | 1,000 | S | S | S | S |
| Social/related sciences | 20,000 | 17,000 | 15,000 | 8,000 | 2,000 | 10,000 | 8,000 | 5,000 |
| Male | 13,000 | 11,000 | 10,000 | 4,000 | 2,000 | 5,000 | 4,000 | 2,000 |
| Female | 16,000 | 13,000 | 11,000 | 7,000 | 2,000 | 8,000 | 6,000 | 4,000 |
| Economics | 7,000 | 6,000 | 5,000 | 2,000 | 500 | 2,000 | 2,000 | 1,000 |
| Male | 5,000 | 5,000 | 4,000 | 2,000 | 500 | 2,000 | 2,000 | 500 |
| Female | 4,000 | 4,000 | 3,000 | 1,000 | S | 1,000 | S | 1,000 |
| Political/related sciences | 9,000 | 8,000 | 7,000 | 3,000 | 1,000 | 3,000 | 3,000 | 2,000 |
| Male | 7,000 | 6,000 | 6,000 | 2,000 | 1,000 | 2,000 | 2,000 | 1,000 |
| Female | 5,000 | 5,000 | 4,000 | 2,000 | 500 | 2,000 | 1,000 | 1,000 |
| Psychology | 15,000 | 13,000 | 11,000 | 6,000 | 2,000 | 8,000 | 6,000 | 4,000 |
| Male | 8,000 | 7,000 | 6,000 | 3,000 | 1,000 | 4,000 | 3,000 | 2,000 |
| Female | 13,000 | 10,000 | 9,000 | 5,000 | 1,000 | 7,000 | 5,000 | 4,000 |
| Sociology/anthropology | 5,000 | 5,000 | 4,000 | 2,000 | 1,000 | 3,000 | 2,000 | 2,000 |
| Male | 4,000 | 3,000 | 3,000 | 1,000 | S | 1,000 | 1,000 | 500 |
| Female | 3,000 | 3,000 | 3,000 | 2,000 | 500 | 2,000 | 2,000 | 1,000 |
| Other social sciences | 6,000 | 5,000 | 4,000 | 2,000 | 1,000 | 3,000 | 3,000 | 2,000 |
| Male | 4,000 | 4,000 | 3,000 | 1,000 | S | 2,000 | 2,000 | 500 |
| Female | 5,000 | 4,000 | 3,000 | 2,000 | * | 3,000 | 2,000 | 2,000 |
| Engineering | 13,000 | 12,000 | 11,000 | 3,000 | 2,000 | 7,000 | 6,000 | 3,000 |
| Male | 12,000 | 11,000 | 11,000 | 2,000 | 2,000 | 6,000 | 6,000 | 1,000 |
| Female | 5,000 | 4,000 | 4,000 | 2,000 | 1,000 | 2,000 | 500 | 2,000 |
| Aerospace/related engineering | 2,000 | 2,000 | 2,000 | 1,000 | S | 1,000 | 1,000 | * |
| Male | 2,000 | 2,000 | 2,000 | 1,000 | S | 1,000 | 1,000 | * |
| Female | 500 | 500 | 500 | * | S | * | S | * |
| Chemical engineering | 3,000 | 2,000 | 2,000 | 500 | 500 | 1,000 | 1,000 | 1,000 |
| Male | 3,000 | 2,000 | 2,000 | 500 | 500 | 1,000 | 1,000 | 1,000 |
| Female | 1,000 | 1,000 | 1,000 | * | S | 500 | S | 500 |
| Civil/architectural engineering | 5,000 | 5,000 | 4,000 | 2,000 | 1,000 | 2,000 | 2,000 | 500 |
| Male | 5,000 | 4,000 | 4,000 | 1,000 | S | 2,000 | 2,000 | S |
| Female | 2,000 | 2,000 | 1,000 | 1,000 | S | 500 | S | S |
| Electrical/computer engineering | 8,000 | 7,000 | 7,000 | 2,000 | 1,000 | 4,000 | 3,000 | 2,000 |
| Male | 7,000 | 7,000 | 6,000 | 1,000 | 1,000 | 4,000 | 3,000 | 1,000 |
| Female | 3,000 | 2,000 | 2,000 | 1,000 | 1,000 | 1,000 | S | 1,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Industrial engineering | 3,000 | 3,000 | 3,000 | 1,000 | 500 | 2,000 | 1,000 | 1,000 |
| Male | 3,000 | 2,000 | 2,000 | 1,000 | 500 | 1,000 | 1,000 | S |
| Female | 1,000 | 1,000 | 1,000 | 500 | S | 1,000 | S | 1,000 |
| Mechanical engineering | 4,000 | 4,000 | 4,000 | 1,000 | 2,000 | 2,000 | 2,000 | 1,000 |
| Male | 4,000 | 4,000 | 4,000 | 1,000 | 1,000 | 2,000 | 2,000 | 500 |
| Female | 1,000 | 1,000 | 1,000 | 500 | S | 1,000 | S | 1,000 |
| Other engineering | 6,000 | 5,000 | 5,000 | 2,000 | 1,000 | 2,000 | 2,000 | 1,000 |
| Male | 5,000 | 5,000 | 5,000 | 1,000 | 1,000 | 2,000 | 2,000 | 1,000 |
| Female | 2,000 | 2,000 | 2,000 | 1,000 | * | 1,000 | S | 1,000 |
| S&E-related fields | 21,000 | 19,000 | 17,000 | 11,000 | 3,000 | 10,000 | 7,000 | 6,000 |
| Male | 12,000 | 11,000 | 11,000 | 5,000 | 2,000 | 4,000 | 4,000 | 1,000 |
| Female | 17,000 | 16,000 | 14,000 | 10,000 | 2,000 | 9,000 | 6,000 | 6,000 |
| Health | 16,000 | 16,000 | 14,000 | 9,000 | 3,000 | 8,000 | 6,000 | 6,000 |
| Male | 8,000 | 7,000 | 7,000 | 2,000 | 2,000 | 2,000 | 2,000 | 1,000 |
| Female | 15,000 | 14,000 | 12,000 | 9,000 | 2,000 | 8,000 | 5,000 | 5,000 |
| Science/mathematics teacher education | 10,000 | 9,000 | 8,000 | 4,000 | S | 4,000 | 4,000 | 2,000 |
| Male | 7,000 | 6,000 | 5,000 | 3,000 | S | 3,000 | 3,000 | S |
| Female | 8,000 | 7,000 | 6,000 | 4,000 | S | 3,000 | 3,000 | 2,000 |
| Technology/technical fields | 5,000 | 4,000 | 4,000 | 1,000 | 500 | 2,000 | 1,000 | 1,000 |
| Male | 4,000 | 4,000 | 4,000 | S | S | 2,000 | 1,000 | 1,000 |
| Female | 3,000 | 2,000 | 2,000 | S | S | 1,000 | S | S |
| Other S&E-related fields | 7,000 | 6,000 | 6,000 | 3,000 | S | 2,000 | 2,000 | S |
| Male | 6,000 | 5,000 | 5,000 | 2,000 | S | 2,000 | 2,000 | S |
| Female | 4,000 | 3,000 | 3,000 | 2,000 | S | 1,000 | S | S |
| Non-S&E fields | 41,000 | 36,000 | 34,000 | 15,000 | 6,000 | 17,000 | 14,000 | 9,000 |
| Male | 28,000 | 27,000 | 26,000 | 8,000 | 4,000 | 12,000 | 11,000 | 3,000 |
| Female | 28,000 | 24,000 | 21,000 | 13,000 | 4,000 | 12,000 | 8,000 | 9,000 |
| Arts/humanities | 9,000 | 8,000 | 6,000 | 4,000 | 2,000 | 3,000 | 2,000 | 2,000 |
| Male | 5,000 | 5,000 | 5,000 | 2,000 | 1,000 | 2,000 | 2,000 | S |
| Female | 6,000 | 6,000 | 5,000 | 3,000 | 1,000 | 2,000 | 2,000 | 1,000 |
| Education, except science/mathematics teacher education | 25,000 | 22,000 | 21,000 | 9,000 | 3,000 | 11,000 | 9,000 | 7,000 |
| Male | 15,000 | 14,000 | 13,000 | 4,000 | 1,000 | 7,000 | 7,000 | 1,000 |
| Female | 19,000 | 17,000 | 15,000 | 8,000 | 3,000 | 9,000 | 5,000 | 7,000 |
| Management/administration | 24,000 | 22,000 | 22,000 | 7,000 | 4,000 | 9,000 | 8,000 | 5,000 |
| Male | 19,000 | 18,000 | 18,000 | 5,000 | 3,000 | 7,000 | 7,000 | 1,000 |
| Female | 13,000 | 12,000 | 12,000 | 5,000 | 2,000 | 6,000 | 3,000 | 5,000 |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Sales/marketing | 8,000 | 7,000 | 7,000 | 2,000 | 2,000 | 3,000 | 2,000 | 2,000 |
| Male | 7,000 | 6,000 | 6,000 | 1,000 | S | 1,000 | 1,000 | S |
| Female | 5,000 | 4,000 | 3,000 | 2,000 | S | 3,000 | S | 2,000 |
| Social services/related | 13,000 | 12,000 | 11,000 | 6,000 | 1,000 | 5,000 | 4,000 | 2,000 |
| Male | 9,000 | 8,000 | 8,000 | 2,000 | S | 4,000 | 3,000 | 1,000 |
| Female | 10,000 | 9,000 | 8,000 | 5,000 | 1,000 | 3,000 | 2,000 | 2,000 |
| Other non-S&E fields | 13,000 | 11,000 | 11,000 | 5,000 | S | 6,000 | 4,000 | 3,000 |
| Male | 10,000 | 9,000 | 9,000 | 2,000 | S | 4,000 | 3,000 | 2,000 |
| Female | 10,000 | 9,000 | 8,000 | 4,000 | S | 4,000 | 3,000 | 3,000 |
| Doctorate degrees | 10,000 | 9,000 | 9,000 | 4,000 | 2,000 | 4,000 | 4,000 | 2,000 |
| Male | 8,000 | 7,000 | 7,000 | 3,000 | 1,000 | 3,000 | 3,000 | 1,000 |
| Female | 5,000 | 5,000 | 4,000 | 2,000 | 1,000 | 3,000 | 2,000 | 2,000 |
| S&E fields | 5,000 | 5,000 | 5,000 | 2,000 | 1,000 | 2,000 | 2,000 | 1,000 |
| Male | 4,000 | 4,000 | 4,000 | 1,000 | 1,000 | 2,000 | 1,000 | 1,000 |
| Female | 2,000 | 2,000 | 2,000 | 1,000 | 500 | 1,000 | 1,000 | 1,000 |
| Sciences | 4,000 | 4,000 | 4,000 | 1,000 | 1,000 | 2,000 | 2,000 | 1,000 |
| Male | 3,000 | 3,000 | 3,000 | 1,000 | 1,000 | 1,000 | 1,000 | 1,000 |
| Female | 2,000 | 2,000 | 2,000 | 1,000 | 500 | 1,000 | 1,000 | 1,000 |
| Biological/agricultural/environmental life sciences | 3,000 | 3,000 | 3,000 | 1,000 | 1,000 | 1,000 | 1,000 | 500 |
| Male | 3,000 | 2,000 | 2,000 | 1,000 | 1,000 | 1,000 | 1,000 | 500 |
| Female | 1,000 | 1,000 | 1,000 | 1,000 | 500 | 500 | 500 | 500 |
| Agricultural/food sciences | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | * |
| Male | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | S |
| Female | 500 | 500 | 500 | * | S | * | * | * |
| Biological sciences | 3,000 | 3,000 | 2,000 | 1,000 | 1,000 | 1,000 | 1,000 | 500 |
| Male | 2,000 | 2,000 | 2,000 | 1,000 | 1,000 | 1,000 | 1,000 | 500 |
| Female | 1,000 | 1,000 | 1,000 | 1,000 | 500 | 500 | 500 | 500 |
| Environmental life sciences | 500 | 500 | 500 | * | S | 500 | 500 | S |
| Male | 500 | 500 | 500 | * | S | 500 | 500 | S |
| Female | 500 | 500 | 500 | S | S | S | S | S |
| Computer/mathematical sciences | 2,000 | 2,000 | 2,000 | 500 | * | 500 | 500 | * |
| Male | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | * |
| Female | 1,000 | 1,000 | 1,000 | 500 | S | 500 | 500 | * |
| Computer/information sciences | 1,000 | 1,000 | 1,000 | 500 | * | 500 | * | * |
| Male | 1,000 | 1,000 | 1,000 | 500 | S | * | * | S |
| Female | 500 | 500 | 500 | * | S | * | * | S |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Mathematical sciences | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | * |
| Male | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | S |
| Female | 500 | 500 | 500 | 500 | S | 500 | 500 | * |
| Physical/related sciences | 2,000 | 2,000 | 2,000 | 1,000 | 500 | 1,000 | 1,000 | 1,000 |
| Male | 2,000 | 2,000 | 2,000 | 500 | 500 | 1,000 | 1,000 | 500 |
| Female | 1,000 | 1,000 | 1,000 | 500 | 500 | 1,000 | 500 | 1,000 |
| Chemistry, except biochemistry | 2,000 | 1,000 | 1,000 | 500 | 500 | 1,000 | 1,000 | 500 |
| Male | 1,000 | 1,000 | 1,000 | 500 | 500 | 1,000 | 1,000 | * |
| Female | 1,000 | 1,000 | 1,000 | 500 | 500 | 1,000 | 500 | 500 |
| Earth/atmospheric/ocean sciences | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | * |
| Male | 1,000 | 1,000 | 500 | 500 | * | 500 | 500 | * |
| Female | 500 | 500 | 500 | * | * | * | * | S |
| Physics/astronomy | 1,000 | 1,000 | 1,000 | 500 | 500 | 1,000 | 500 | 500 |
| Male | 1,000 | 1,000 | 1,000 | 500 | 500 | 500 | 500 | * |
| Female | 500 | 500 | 500 | 500 | * | 500 | * | 500 |
| Other physical sciences | 500 | 500 | 500 | * | S | S | S | S |
| Male | 500 | 500 | 500 | S | S | S | S | S |
| Female | 500 | 500 | 500 | * | S | S | S | S |
| Social/related sciences | 2,000 | 2,000 | 2,000 | 1,000 | 500 | 1,000 | 1,000 | 1,000 |
| Male | 1,000 | 1,000 | 1,000 | 1,000 | 500 | 1,000 | 1,000 | 500 |
| Female | 1,000 | 1,000 | 1,000 | 1,000 | 500 | 1,000 | 500 | 500 |
| Economics | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | 500 |
| Male | 1,000 | 500 | 1,000 | 500 | * | 500 | 500 | S |
| Female | 500 | 500 | 500 | 500 | S | 500 | * | * |
| Political/related sciences | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | 500 |
| Male | 1,000 | 1,000 | 1,000 | 500 | S | 500 | 500 | * |
| Female | 500 | 500 | 500 | 500 | S | 500 | * | * |
| Psychology | 1,000 | 1,000 | 1,000 | 1,000 | 500 | 500 | 500 | 500 |
| Male | 1,000 | 1,000 | 1,000 | 1,000 | * | 500 | 500 | * |
| Female | 1,000 | 1,000 | 1,000 | 1,000 | 500 | 500 | 500 | 500 |
| Sociology/anthropology | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | * |
| Male | 500 | 500 | 500 | 500 | S | 500 | 500 | S |
| Female | 500 | 500 | 500 | 500 | S | 500 | 500 | * |
| Other social sciences | 1,000 | 1,000 | 1,000 | 500 | * | 500 | 500 | * |
| Male | 500 | 500 | 500 | 500 | S | 500 | 500 | S |
| Female | 500 | 500 | 500 | 500 | S | 500 | 500 | * |

TABLE A-8. Standard errors for U.S. scientists and engineers, by level and field of highest degree, sex, and employment status: 2006

| Level and field of highest degree and sex | All scientists and engineers | Employed | | | Unemployed/ seeking job | Not in labor force | | |
|---|------------------------------|----------|-----------|-----------|-------------------------|--------------------|---------|-----------------|
| | | Total | Full time | Part time | | Total | Retired | Not seeking job |
| | | | | | | | | |
| Other S&E-related fields | 1,000 | 1,000 | 1,000 | S | S | S | S | S |
| Male | 1,000 | 1,000 | 1,000 | S | S | S | S | S |
| Female | 500 | 500 | 500 | S | S | S | S | S |
| Non-S&E degrees | 7,000 | 7,000 | 6,000 | 3,000 | S | 3,000 | 3,000 | 1,000 |
| Male | 6,000 | 6,000 | 6,000 | 2,000 | S | 2,000 | 2,000 | S |
| Female | 4,000 | 4,000 | 3,000 | 2,000 | S | 3,000 | 2,000 | 1,000 |
| Arts/humanities | 3,000 | 3,000 | 3,000 | 1,000 | S | 1,000 | 1,000 | S |
| Male | 2,000 | 2,000 | 2,000 | S | S | S | S | S |
| Female | 2,000 | 2,000 | 1,000 | 1,000 | S | 500 | S | S |
| Education, except science/mathematics teacher education | 6,000 | 5,000 | 5,000 | 2,000 | S | 3,000 | 3,000 | S |
| Male | 4,000 | 4,000 | 3,000 | 1,000 | S | 2,000 | 2,000 | S |
| Female | 4,000 | 3,000 | 3,000 | 1,000 | S | 2,000 | 1,000 | S |
| Management/administration | 3,000 | 2,000 | 2,000 | 1,000 | S | 1,000 | 1,000 | S |
| Male | 2,000 | 2,000 | 2,000 | S | S | S | S | S |
| Female | 1,000 | 1,000 | 1,000 | S | S | S | S | S |
| Sales/marketing | 500 | 500 | 500 | S | S | S | S | S |
| Male | 500 | 500 | 500 | S | S | S | S | S |
| Female | S | S | S | S | S | S | S | S |
| Social services/related | 3,000 | 3,000 | 3,000 | 1,000 | S | 1,000 | S | S |
| Male | 3,000 | 3,000 | 3,000 | 1,000 | S | S | S | S |
| Female | 1,000 | 1,000 | 1,000 | 1,000 | S | S | S | S |
| Other non-S&E fields | 3,000 | 3,000 | 3,000 | 1,000 | S | 2,000 | 2,000 | S |
| Male | 3,000 | 3,000 | 2,000 | S | S | S | S | S |
| Female | 2,000 | 2,000 | 2,000 | S | S | 2,000 | S | S |

* = standard error is not calculated when estimate is less than 500; S = standard error is not calculated when estimate is suppressed for reliability or confidentiality.

S&E = science and engineering.

^a Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field through 2005, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See <http://sestat.nsf.gov/docs/ed03maj.html> for a detailed description of the educational field classification. Standard errors of less than 500 are rounded up to 500, and standard errors equal to or greater than 500 are rounded up to the nearest thousand.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.