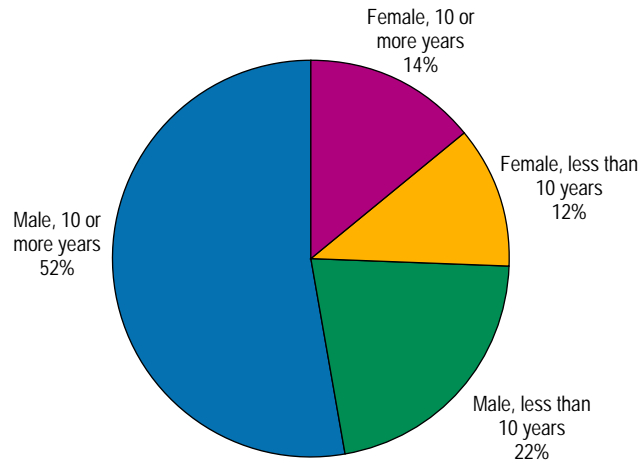


FIGURE H-1. Employed S&E doctorate holders, by sex and years since doctorate: 2001

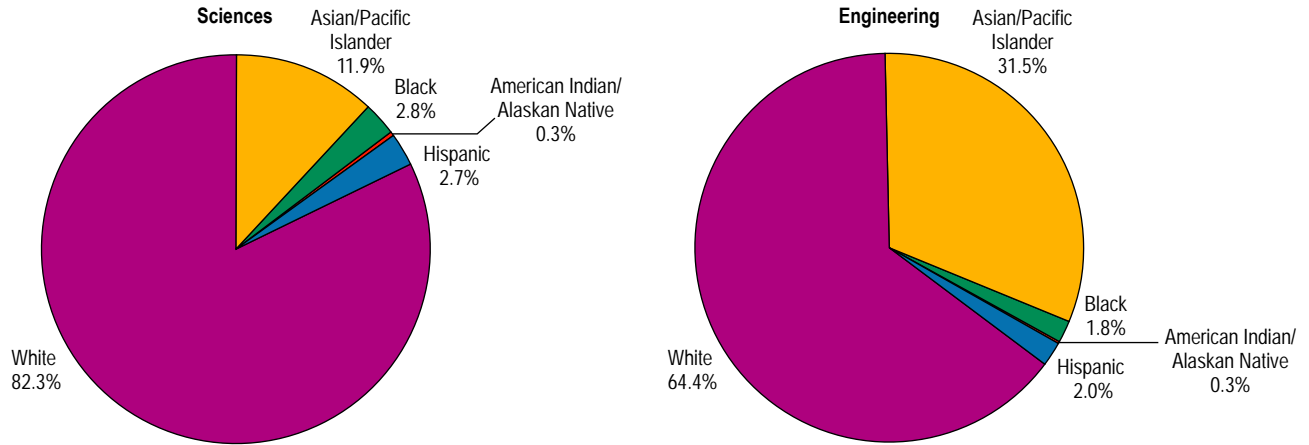


SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

Females made up about 26 percent of employed S&E doctorate holders in 2001.

- More than half of employed S&E doctorate holders in 2001 were males who had earned their doctorates 10 or more years earlier.
- Females constituted a larger share of recent S&E doctorate holders (i.e., those who had earned doctorates less than 10 years earlier) than they did of S&E doctorate holders who earned doctorates more than 10 years earlier.

FIGURE H-2. Employed S&E doctorate holders, by race/ethnicity and field of doctorate: 2001

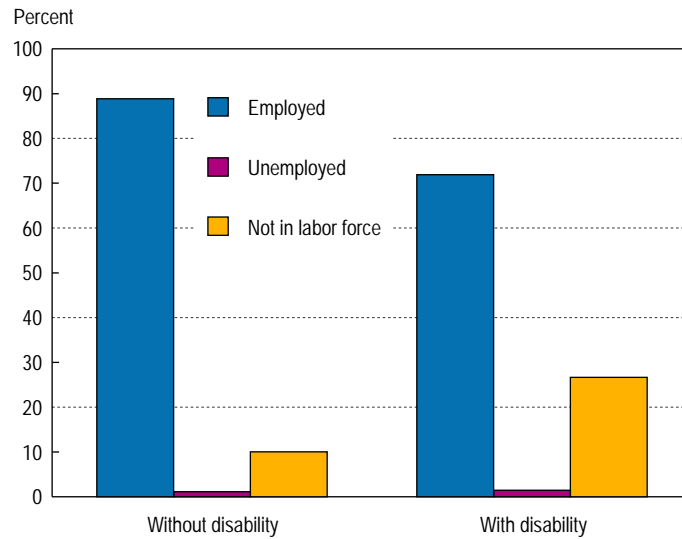


SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

The racial/ethnic composition of engineering doctorate holders differs markedly from that of science doctorate holders.

- Asians/Pacific Islanders comprised a far larger share and whites a much smaller share of engineering doctorate holders than of science doctorate holders in 2001.
- Blacks and Hispanics each constituted about 3 percent of science doctorate holders and 2 percent of engineering doctorate holders in 2001.
- American Indians/Alaskan Natives were 0.3 percent of both science and engineering doctorate holders in 2001.

FIGURE H-3. S&E doctorate holders, by disability and employment status: 2001

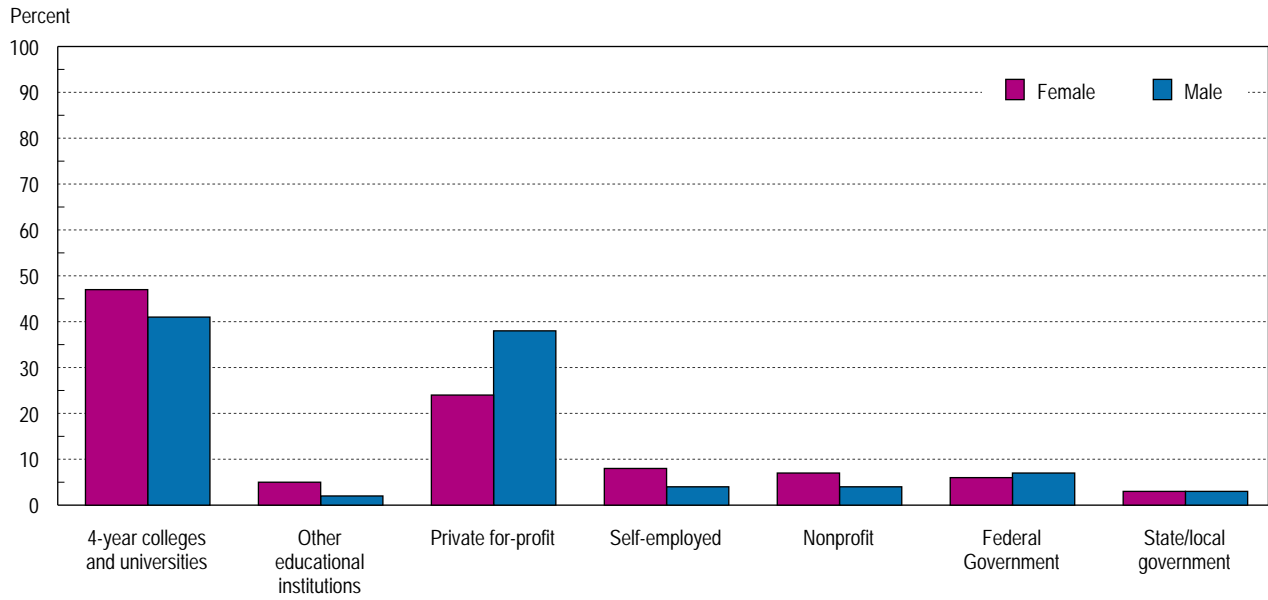


SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

The labor force participation rates of S&E doctorate holders with and without disabilities are quite different.

- About 27 percent of S&E doctorate holders with
- disabilities were out of the labor force in 2001,
- compared with 10 percent of those without
- disabilities.

FIGURE H-4. Employed S&E doctorate holders, by employment sector and sex: 2001

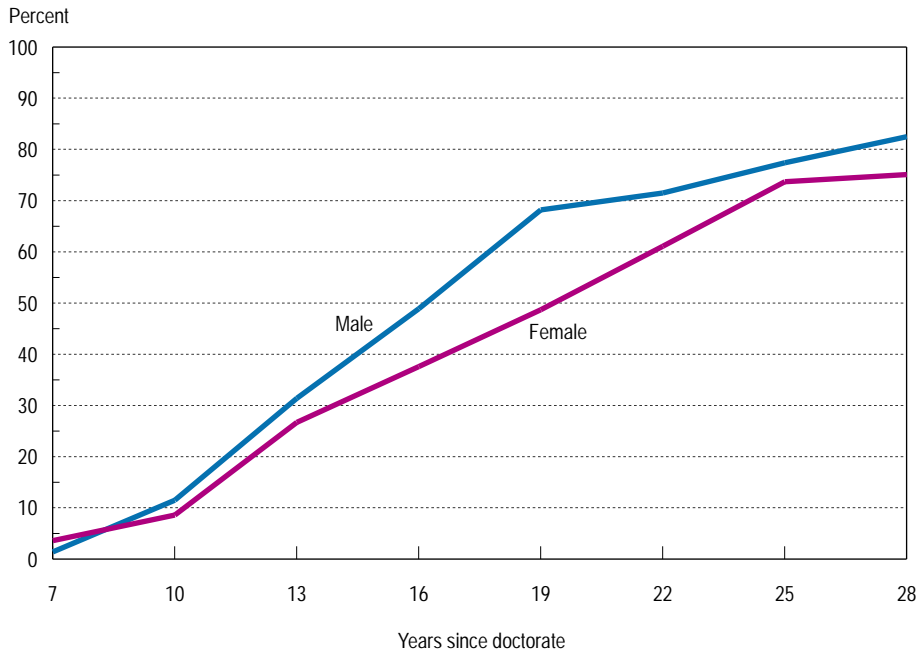


SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

Male and female employed doctorate holders differ in the sectors in which they are employed.

- Females were less likely than males to be employed in business or industry
- and more likely to be employed in educational institutions in 2001.
- Variations by sector primarily stem from differences in occupation. Females
- were less likely than males to be engineers or physical scientists, occupations
- that tend to be employed in business or industry.

FIGURE H-5. Full professors as a percentage of full-time ranked S&E doctorate holders in 4-year colleges and universities, by sex and years since doctorate: 2001



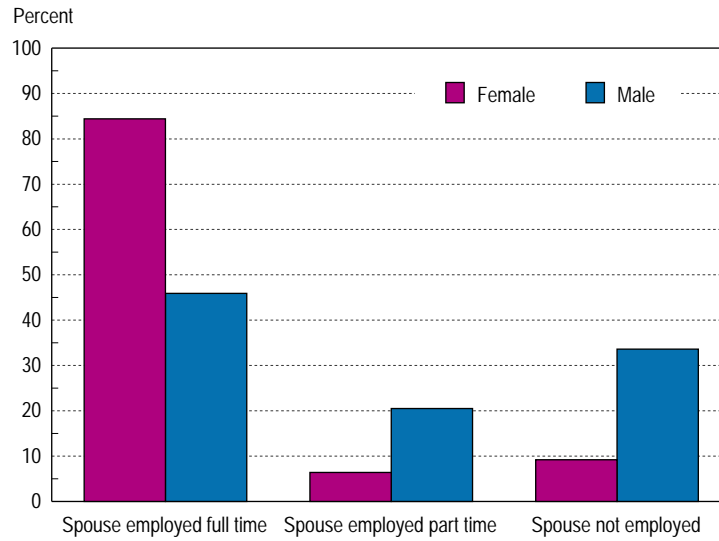
NOTES: Base of percentage is full, associate, and assistant professors. Because of small sample sizes, a 3-year average is used for years since doctorate.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

Among S&E doctorate holders who hold academic faculty positions in 4-year colleges and universities, females are less likely than their male colleagues to be found in the highest faculty ranks.

- Females are less likely than males to be full professors and more likely to be assistant professors.
- The differences in rank vary by time since earning the doctorate. Few differences in rank exist between males and females in their early careers and greater differences exist between 15 and 20 years after receipt of the doctorate.

FIGURE H-6. Employment status of spouses of employed S&E doctorate holders, by sex: 2001

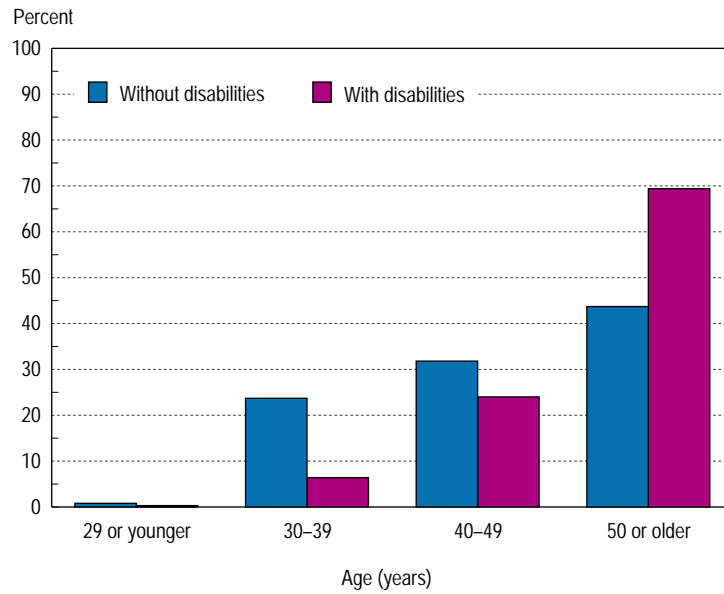


SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

Married female S&E doctorate holders are more likely than their male counterparts to face the challenges of a dual-career household.

- Female S&E doctorate holders are almost twice as likely as males to have spouses employed full time: 82 percent of the married females and 42 percent of the married males had spouses employed full time in 2001.
- Only 13 percent of the married females but 38 percent of the married males had spouses who were not employed.

FIGURE H-7. Age distribution of S&E doctorate holders, by disability status: 2001



SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

Scientists and engineers with disabilities are older, on average, than those without disabilities.

- Only 7 percent of employed S&E doctorate holders with disabilities were younger than 40 years in 2001, compared with 25 percent of those without disabilities.
- Conversely, 69 percent of those with disabilities and 44 percent of those without were 50 or older.

TABLE H-1. Employed bachelor's or higher degree recipients, by occupation, sex, race/ethnicity, country of birth, and disability status: 2000

Page 1 of 6

Occupation, sex, race/ethnicity, country of birth, and disability status	Number	Percent distribution
All occupations	35,706,800	100.0
Male	19,234,500	53.9
Female	16,472,300	46.1
White only	28,919,900	81.0
U.S. born	27,278,400	76.4
Foreign born	1,641,500	4.6
Asian only	2,287,100	6.4
U.S. born	365,700	1.0
Foreign born	1,921,500	5.4
Black only	2,290,300	6.4
U.S. born	1,999,900	5.6
Foreign born	290,400	0.8
Hispanic	1,550,000	4.3
U.S. born	910,600	2.5
Foreign born	639,400	1.8
American Indian/Alaska Native only	113,100	0.3
U.S. born	109,700	0.3
Foreign born	3,500	0.0
Native Hawaiian only	26,300	0.1
U.S. born	21,000	0.1
Foreign born	5,200	0.0
Other race/ethnicity	51,400	0.1
U.S. born	26,900	0.1
Foreign born	24,500	0.1
Two or more races	468,800	1.3
U.S. born	284,000	0.8
Foreign born	184,800	0.5
People without disabilities	32,537,600	91.1
People with disabilities	3,169,200	8.9
Science and engineering occupations	3,633,300	100.0
Male	2,710,000	74.6
Female	923,300	25.4
White only	2,774,600	76.4
U.S. born	2,517,700	69.2
Foreign born	256,900	7.1
Asian only	509,900	14.0
U.S. born	57,200	1.6
Foreign born	452,700	12.4
Black only	158,200	4.4
U.S. born	130,800	3.6
Foreign born	27,400	0.8
Hispanic	124,900	3.4
U.S. born	74,400	2.0
Foreign born	50,500	1.4
American Indian/Alaska Native only	9,700	0.3
U.S. born	9,400	0.3
Foreign born	300	0.0
Native Hawaiian only	1,400	0.0
U.S. born	1,300	0.0
Foreign born	100	0.0

TABLE H-1. Employed bachelor's or higher degree recipients, by occupation, sex, race/ethnicity, country of birth, and disability status: 2000

Page 2 of 6

Occupation, sex, race/ethnicity, country of birth, and disability status	Number	Percent distribution
Other race/ethnicity	6,000	0.2
U.S. born	2,800	0.1
Foreign born	3,200	0.1
Two or more races	48,500	1.3
U.S. born	25,300	0.7
Foreign born	23,200	0.6
People without disabilities	3,376,300	92.9
People with disabilities	257,000	7.1
Science occupations	2,345,700	100.0
Male	1,562,200	66.6
Female	783,500	33.4
White only	1,754,300	74.8
U.S. born	1,586,200	67.6
Foreign born	168,200	7.2
Asian only	351,400	15.0
U.S. born	35,700	1.5
Foreign born	315,700	13.5
Black only	115,400	4.9
U.S. born	97,800	4.2
Foreign born	17,600	0.8
Hispanic	81,800	3.5
U.S. born	50,800	2.2
Foreign born	31,000	1.3
American Indian/Alaska Native only	6,100	0.3
U.S. born	5,800	0.2
Foreign born	300	0.0
Native Hawaiian only	800	0.0
U.S. born	700	0.0
Foreign born	100	0.0
Other race/ethnicity	4,200	0.2
U.S. born	2,300	0.1
Foreign born	1,900	0.1
Two or more races	31,600	1.3
U.S. born	17,300	0.7
Foreign born	14,300	0.6
People without disabilities	2,176,200	93.0
People with disabilities	169,500	7.3
Computer and mathematical occupations	1,484,900	100.0
Male	1,058,300	71.3
Female	426,700	28.7
White only	1,073,200	72.3
U.S. born	978,700	65.9
Foreign born	94,400	6.4
Asian only	250,000	16.8
U.S. born	24,700	1.7
Foreign born	225,300	15.2

TABLE H-1. Employed bachelor's or higher degree recipients, by occupation, sex, race/ethnicity, country of birth, and disability status: 2000

Page 3 of 6

Occupation, sex, race/ethnicity, country of birth, and disability status	Number	Percent distribution
Black only	82,900	5.6
U.S. born	70,800	4.8
Foreign born	12,100	0.8
Hispanic	52,400	3.5
U.S. born	35,300	2.4
Foreign born	17,100	1.2
American Indian/Alaska Native only	3,200	0.2
U.S. born	3,100	0.2
Foreign born	100	0.0
Native Hawaiian only	600	0.0
U.S. born	500	0.0
Foreign born	100	0.0
Other race/ethnicity	2,500	0.2
U.S. born	1,100	0.1
Foreign born	1,400	0.1
Two or more races	20,300	1.4
U.S. born	10,500	0.7
Foreign born	9,800	0.7
People without disabilities	1,376,400	92.7
People with disabilities	108,500	7.3
Life and physical science occupations	547,300	100.0
Male	364,300	66.6
Female	183,000	33.4
White only	411,200	75.1
U.S. born	353,700	64.6
Foreign born	57,500	10.5
Asian only	88,800	16.2
U.S. born	8,100	1.5
Foreign born	80,700	14.7
Black only	18,800	3.4
U.S. born	14,800	2.7
Foreign born	4,000	0.7
Hispanic	17,800	3.2
U.S. born	8,700	1.6
Foreign born	9,100	1.7
American Indian/Alaska Native only	2,000	0.4
U.S. born	1,800	0.3
Foreign born	200	0.0
Native Hawaiian only	300	0.1
U.S. born	300	0.1
Foreign born	0	0.0
Other race/ethnicity	800	0.2
U.S. born	200	0.0
Foreign born	600	0.1
Two or more races	7,600	1.4
U.S. born	3,900	0.7
Foreign born	3,700	0.7
People without disabilities	508,800	93.0
People with disabilities	38,500	7.0

TABLE H-1. Employed bachelor's or higher degree recipients, by occupation, sex, race/ethnicity, country of birth, and disability status: 2000

Page 4 of 6

Occupation, sex, race/ethnicity, country of birth, and disability status	Number	Percent distribution
Psychology occupations	175,200	100.0
Male	60,300	34.4
Female	114,800	65.6
White only	156,200	89.2
U.S. born	148,400	84.7
Foreign born	7,800	4.5
Asian only	2,400	1.4
U.S. born	1,100	0.6
Foreign born	1,200	0.7
Black only	6,900	3.9
U.S. born	6,100	3.5
Foreign born	800	0.5
Hispanic	6,600	3.8
U.S. born	3,500	2.0
Foreign born	3,000	1.7
American Indian/Alaska Native only	900	0.5
U.S. born	900	0.5
Foreign born	0	0.0
Native Hawaiian only	0	0.0
U.S. born	0	0.0
Foreign born	0	0.0
Other race/ethnicity	300	0.2
U.S. born	300	0.2
Foreign born	0	0.0
Two or more races	1,900	1.1
U.S. born	1,800	1.0
Foreign born	100	0.1
People without disabilities	161,400	92.2
People with disabilities	13,700	7.8
Social science occupations	138,300	100.0
Male	79,300	57.3
Female	59,100	42.7
White only	113,700	82.2
U.S. born	105,300	76.1
Foreign born	8,400	6.1
Asian only	10,300	7.4
U.S. born	1,800	1.3
Foreign born	8,500	6.1
Black only	6,800	4.9
U.S. born	6,100	4.4
Foreign born	700	0.5
Hispanic	5,100	3.7
U.S. born	3,400	2.5
Foreign born	1,700	1.2
American Indian/Alaska Native only	100	0.1
U.S. born	100	0.1
Foreign born	0	0.0
Native Hawaiian only	0	0.0
U.S. born	0	0.0
Foreign born	0	0.0

TABLE H-1. Employed bachelor's or higher degree recipients, by occupation, sex, race/ethnicity, country of birth, and disability status: 2000

Page 5 of 6

Occupation, sex, race/ethnicity, country of birth, and disability status	Number	Percent distribution
Other race/ethnicity	600	0.4
U.S. born	600	0.4
Foreign born	0	0.0
Two or more races	1,800	1.3
U.S. born	1,100	0.8
Foreign born	700	0.5
People without disabilities	129,500	93.6
People with disabilities	8,800	6.4
Engineering occupations	1,287,600	100.0
Male	1,147,800	89.1
Female	139,800	10.9
White only	1,020,300	79.2
U.S. born	931,500	72.3
Foreign born	88,700	6.9
Asian only	158,500	12.3
U.S. born	21,500	1.7
Foreign born	137,000	10.6
Black only	42,800	3.3
U.S. born	33,000	2.6
Foreign born	9,800	0.8
Hispanic	43,100	3.3
U.S. born	23,600	1.8
Foreign born	19,500	1.5
American Indian/Alaska Native only	3,600	0.3
U.S. born	3,600	0.3
Foreign born	0	0.0
Native Hawaiian only	600	0.0
U.S. born	600	0.0
Foreign born	0	0.0
Other race/ethnicity	1,800	0.1
U.S. born	500	0.0
Foreign born	1,300	0.1
Two or more races	16,900	1.3
U.S. born	8,000	0.6
Foreign born	8,900	0.7
People without disabilities	1,200,100	93.2
People with disabilities	87,500	6.8
Non-science and engineering occupations	32,073,500	100.0
Male	16,524,600	51.5
Female	15,548,900	48.5
White only	26,145,300	81.5
U.S. born	24,760,600	77.2
Foreign born	1,384,600	4.3
Asian only	1,777,200	5.5
U.S. born	308,500	1.0
Foreign born	1,468,700	4.6

TABLE H-1. Employed bachelor's or higher degree recipients, by occupation, sex, race/ethnicity, country of birth, and disability status: 2000

Page 6 of 6

Occupation, sex, race/ethnicity, country of birth, and disability status	Number	Percent distribution
Black only	2,132,100	6.6
U.S. born	1,869,100	5.8
Foreign born	263,000	0.8
Hispanic	1,425,000	4.4
U.S. born	836,200	2.6
Foreign born	588,900	1.8
American Indian/Alaska Native only	103,400	0.3
U.S. born	100,200	0.3
Foreign born	3,200	0.0
Native Hawaiian only	24,900	0.1
U.S. born	19,700	0.1
Foreign born	5,200	0.0
Other race/ethnicity	45,400	0.1
U.S. born	24,200	0.1
Foreign born	21,300	0.1
Two or more races	420,300	1.3
U.S. born	258,700	0.8
Foreign born	161,600	0.5
People without disabilities	29,161,300	90.9
People with disabilities	2,912,200	9.1

NOTE: Table limited to those with a bachelor's or higher degree. Data based on a 1 percent sample of the U.S. population. Science and engineering occupations do not include postsecondary teachers. Numbers are rounded to nearest hundred. Individuals were classified as having a disability if they had a response of "yes" to a sensory, physical, or mental disability or they had responded that a disability limits but does not prevent work, prevents work, or causes difficulty working.

SOURCE: U.S. Census Bureau, Census 2000, 1% Census Public Use Microdata Sample files.

TABLE H-2. Employed persons 16 years and older, by detailed occupation: Selected years, 1983–2001 annual averages

(Thousands)

Page 2 of 3

Occupation	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
Geologists and geodesists	65	58	S	52	56	54	60	59	56	50
Medical scientists	S	S	S	S	S	83	61	77	100	95
Physicists and astronomers	S	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	63	S
Social scientists and urban planners	261	286	316	374	385	398	453	441	460	454
Economists	98	102	113	122	116	117	148	135	141	135
Psychologists	135	150	171	210	229	239	260	256	266	268
Sociologists	S	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	606	643	661	709	774	777	846	869	978	1,003
Agriculture and forestry	S	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	50	S	54	50	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S	S
Other	334	376	412	448	479	481	535	554	645	698
Teachers, except postsecondary (college and university)	3,365	3,523	3,587	3,936	4,010	4,384	4,507	4,798	5,277	5,473
Elementary school	1,350	1,360	1,329	1,489	1,514	1,660	1,738	1,872	2,072	2,216
Prekindergarten and kindergarten	299	329	389	431	446	504	498	574	600	651
Secondary school	1,209	1,175	1,172	1,220	1,214	1,231	1,232	1,173	1,342	1,304
Special education	81	206	216	257	280	284	311	384	369	353
Other	425	454	480	539	556	705	729	796	893	949
Other	3,423	3,661	3,955	4,164	4,278	4,382	4,730	4,981	5,364	5,440
Technical, sales, and administrative support	31,265	33,231	35,082	36,127	36,318	37,058	37,417	38,309	38,921	39,044
Administrative support, including clerical	16,395	17,309	18,256	18,416	18,452	18,677	18,389	18,361	18,448	18,503
Sales	11,818	12,667	13,480	14,065	14,052	14,342	15,119	15,734	16,118	16,044
Technicians and related support	3,053	3,255	3,346	3,645	3,814	4,039	3,909	4,214	4,355	4,497
Engineering and related technologists and technicians	822	904	896	937	953	875	880	960	973	1,007
Drafting	273	297	283	296	266	246	229	222	235	220
Electrical and electronic technicians	260	304	305	326	352	299	334	391	437	475
Industrial engineering technicians	S	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	S	64	81	70	68	73	62	76	67	68
Other	221	219	214	228	244	241	234	243	215	216

TABLE H-2. Employed persons 16 years and older, by detailed occupation: Selected years, 1983–2001 annual averages

(Thousands)

Page 3 of 3

Occupation	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
Health technologists and technicians	1,111	1,115	1,142	1,276	1,382	1,530	1,648	1,693	1,701	1,807
Clinical laboratory technologists and technicians	255	295	259	308	319	319	374	388	338	355
Dental hygienists	66	56	74	80	84	76	95	107	106	116
Health record technologists and technicians	S	52	58	72	67	64	S	S	S	S
Licensed practical nurses	443	402	406	414	443	424	399	408	357	374
Radiologic technicians	101	121	127	124	140	147	154	148	167	167
Other	200	189	218	279	329	501	607	624	715	777
Science technicians	202	211	204	217	243	264	276	287	293	299
Biological	52	54	59	59	65	86	96	106	106	124
Chemical	82	88	73	74	89	74	84	85	79	70
Other	68	70	72	84	89	104	96	96	108	105
Technicians, except health, engineering, and sciences	917	1,026	1,104	1,216	1,237	1,370	1,106	1,275	1,388	1,384
Other occupations	54,324	57,043	59,106	60,591	60,102	60,758	62,325	64,000	64,882	65,099

NEC not elsewhere classified

S Suppressed because fewer than 50,000 weighted cases

SOURCE: Bureau of Labor Statistics, Current Population Survey, 1983–2001.

TABLE H-3. Employed females 16 years and older, by detailed occupation: Selected years, 1983–2001 annual averages

(Thousands)

Page 2 of 3

Occupation	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
Social scientists and urban planners	122	122	154	182	205	227	246	242	269	263
Economists	S	S	S	51	53	56	75	71	72	71
Psychologists	77	76	93	113	138	153	154	152	172	165
Sociologists	S	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	220	226	245	275	315	329	382	371	414	435
Agriculture and forestry	S	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	S	S	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S	S
Other	135	144	173	198	215	221	261	260	301	317
Teachers, except postsecondary (college and university)	2,386	2,573	2,642	2,884	2,977	3,294	3,365	3,632	3,952	4,098
Elementary school	1,125	1,142	1,134	1,262	1,299	1,425	1,461	1,571	1,736	1,828
Prekindergarten and kindergarten	294	325	383	421	441	492	489	561	591	637
Secondary school	627	635	636	641	663	708	702	685	772	763
Special education	67	175	181	217	235	238	262	318	311	304
Other	274	296	308	343	338	431	451	497	542	566
Other	1,399	1,569	1,742	1,873	1,944	2,023	2,280	2,423	2,699	2,737
Technical, sales, and administrative support	20,187	21,507	22,704	23,440	23,466	23,641	24,107	24,549	24,842	24,877
Administrative support, including clerical	13,100	13,882	14,614	14,740	14,717	14,679	14,613	14,469	14,512	14,553
Sales	5,617	6,088	6,465	6,941	6,872	6,924	7,485	7,894	8,069	7,924
Technicians and related support	1,471	1,537	1,624	1,759	1,877	2,039	2,009	2,186	2,261	2,400
Engineering and related technologists and technicians	151	163	153	180	176	156	157	178	185	214
Drafting occupations	S	52	S	61	S	S	S	S	S	S
Electrical and electronic technicians	S	S	S	S	S	S	S	56	63	93
Industrial engineering technicians	S	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	S	S	S	S	S	S	S	S	S	S
Other	62	63	57	60	70	60	65	74	68	63
Health technologists and technicians	937	929	962	1,051	1,142	1,237	1,314	1,357	1,380	1,477
Clinical laboratory technologists and technicians	194	223	204	229	241	242	268	295	266	279
Dental hygienists	65	56	72	80	83	75	94	105	105	114
Health record technologists and technicians	S	S	51	66	63	57	S	S	S	S
Licensed practical nurses	430	390	393	397	421	401	380	384	339	353
Radiologic technicians	72	89	90	94	104	103	114	103	124	118
Other	134	124	151	185	231	360	442	453	529	597

TABLE H-3. Employed females 16 years and older, by detailed occupation: Selected years, 1983–2001 annual averages

(Thousands)

Page 3 of 3

Occupation	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
Science technicians	59	70	64	64	72	99	98	113	119	133
Biological	S	S	S	S	S	51	S	61	68	78
Chemical	S	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S	S
Technicians, except health, engineering, and sciences	324	374	444	464	487	546	441	538	576	576
Other occupations	15,223	15,822	16,557	17,166	16,971	17,171	17,920	18,428	18,804	18,868

NEC not elsewhere classified

S suppressed because fewer than 50,000 weighted cases

SOURCE: Bureau of Labor Statistics, Current Population Survey, 1983–2001.

TABLE H-4. Employed males 16 years and older, by detailed occupation: Selected years, 1983–2001 annual averages

(Thousands)

Page 2 of 3

Occupation	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
Social scientists and urban planners	139	164	162	192	180	171	207	199	191	191
Economists	61	67	67	72	64	61	74	65	69	64
Psychologists	58	75	77	96	91	86	106	104	93	102
Sociologists	S	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	386	417	415	435	460	447	464	498	563	568
Agriculture and forestry	S	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	S	S	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S	S
Postsecondary, other	183	218	226	238	251	250	268	287	333	369
Teachers, except postsecondary (college and university)	979	950	945	1,052	1,034	1,090	1,142	1,166	1,325	1,375
Elementary school	226	218	196	227	214	234	277	301	336	387
Prekindergarten and kindergarten	S	S	S	S	S	S	S	S	S	S
Secondary school	583	540	536	579	550	523	530	487	570	541
Special education	S	S	S	S	S	S	S	66	58	S
Other	151	157	172	196	218	274	278	299	352	383
Other	2,023	2,092	2,212	2,291	2,334	2,360	2,452	2,558	2,664	2,703
Technical, sales, and administrative support	11,078	11,725	12,378	12,687	12,852	13,417	13,310	13,760	14,079	14,167
Administrative support, including clerical	3,295	3,427	3,642	3,676	3,735	3,999	3,776	3,892	3,936	3,950
Sales	6,201	6,579	7,015	7,124	7,180	7,418	7,634	7,840	8,049	8,120
Technicians and related support	1,582	1,719	1,721	1,887	1,937	2,000	1,900	2,028	2,094	2,097
Engineering and related technologists and technicians	671	741	742	757	778	719	723	781	787	793
Drafting	225	246	238	235	220	201	187	185	192	176
Electrical and electronic technicians	228	264	261	280	304	252	297	335	374	383
Industrial engineering technicians	S	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	S	58	76	62	61	69	53	68	59	59
Other	159	156	157	167	174	181	169	170	147	153
Health technologists and technicians	174	185	179	225	240	293	334	336	320	330
Clinical laboratory technologists and technicians	61	72	55	79	78	77	106	94	73	75
Dental hygienists	S	S	S	S	S	S	S	S	S	S
Health record technologists and technicians	S	S	S	S	S	S	S	S	S	S
Licensed practical nurses	S	S	S	S	S	S	S	S	S	S
Radiologic technicians	S	S	S	S	S	S	S	S	S	50
Other	66	65	66	94	98	141	165	170	186	181

TABLE H-4. Employed males 16 years and older, by detailed occupation: Selected years, 1983–2001 annual averages

(Thousands)

Page 3 of 3

Occupation	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
Science technicians	143	141	140	153	170	165	178	173	174	166
Biological	S	S	S	S	S	S	S	S	S	S
Chemical	60	65	55	58	66	55	66	65	56	51
Other	51	S	51	58	65	75	64	63	79	69
Technicians, except health, engineering, and sciences	593	652	660	752	750	824	665	737	813	808
Other occupations	39,100	41,221	42,551	43,424	43,130	43,586	44,405	45,573	46,077	46,230

NEC not elsewhere classified

S suppressed because fewer than 50,000 weighted cases

SOURCE: Bureau of Labor Statistics, Current Population Survey, 1983–2001.

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

(Thousands) Page 1 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
All occupations	123,060	124,900	126,708	129,558	131,463	133,488	136,891	136,933	136,485
Managerial and professional specialty	33,847	35,318	36,497	37,686	38,937	40,467	41,337	42,271	42,482
Executive, administrative, and managerial	16,312	17,186	17,746	18,440	19,054	19,584	19,968	20,506	20,561
Professional specialty	17,536	18,132	18,752	19,245	19,883	20,883	21,368	21,765	21,921
Engineers, architects, and surveyors	2,030	2,117	2,140	2,220	2,224	2,291	2,357	2,362	2,249
Architects	141	163	160	169	158	194	218	217	197
Engineers	1,866	1,934	1,960	2,036	2,052	2,081	2,120	2,121	2,028
Aerospace	75	78	80	87	86	79	77	86	90
Agricultural	S	S	S	S	S	S	S	S	S
Chemical	56	80	95	92	69	82	85	75	77
Civil	240	231	243	248	296	287	292	296	267
Electrical and electronic	556	611	601	652	629	639	738	740	677
Industrial	245	250	257	258	262	260	246	258	235
Marine and naval architects	S	S	S	S	S	S	S	S	S
Mechanical	341	330	350	352	335	340	345	341	301
Metallurgical and materials	S	S	S	S	S	S	S	S	S
Mining	S	S	S	S	S	S	S	S	S
Nuclear	S	S	S	S	S	S	S	S	S
Petroleum	S	S	S	S	S	S	S	S	S
Other	255	267	252	258	276	303	259	257	310
Surveyors and mapping scientists	S	S	S	S	S	S	S	S	S
Health assessment and treating	2,708	2,762	2,812	2,886	2,898	3,019	3,009	3,112	3,267
Dietitians	86	94	105	101	90	92	98	101	74
Pharmacists	182	170	184	200	180	216	214	220	231
Physicians' assistants	53	55	63	65	68	67	73	82	89
Registered nurses	1,956	1,977	1,986	2,065	2,032	2,128	2,142	2,202	2,311
Therapists	430	466	474	455	528	517	482	508	562
Occupational	50	52	64	61	71	71	55	63	78
Physical	106	130	118	110	134	144	147	156	167
Respiratory	98	94	96	85	103	90	78	89	97
Speech	92	91	97	102	105	99	102	112	117
Other	84	101	99	97	114	114	99	89	102
Health diagnosing	932	1,002	960	1,027	1,083	1,071	1,066	1,115	1,176
Dentists	148	155	137	138	155	173	171	169	180
Optometrists	S	S	S	S	S	S	S	S	S
Physicians	628	693	667	724	740	720	742	781	825
Podiatrists	S	S	S	S	S	S	S	S	S
Veterinarians	61	59	54	S	58	53	56	56	S
Other	55	51	54	69	73	74	57	63	73
Mathematical and computer scientists	1,186	1,195	1,345	1,494	1,747	1,847	2,109	2,125	2,030
Actuaries	S	S	S	S	S	S	S	S	S
Computer systems analysts and scientists	916	933	1,093	1,236	1,471	1,549	1,829	1,835	1,742
Operations and systems researchers and analysts	222	217	209	201	212	241	228	233	238
Statisticians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Natural scientists	535	519	536	529	519	578	576	590	545
Agricultural and food scientists	S	S	S	S	S	S	53	S	51
Atmospheric and space scientists	S	S	S	S	S	S	S	S	S
Biological and life scientists	120	110	116	106	104	109	116	127	119
Chemists, except biochemists	144	140	149	144	133	136	157	165	130
Forestry and conservation scientists	S	S	S	S	S	S	S	S	S
Geologists and geodesists	57	60	S	59	63	56	S	S	S
Medical scientists	62	61	73	77	83	100	87	101	89
Physicists and astronomers	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	63	55	S	S

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

Page 2 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Social scientists and urban planners	440	453	438	441	430	460	454	457	457
Economists	106	148	148	135	137	141	141	135	123
Psychologists	280	260	245	256	232	266	267	271	277
Sociologists	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	838	846	889	869	919	978	980	1,027	1,015
Agriculture and forestry	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	51	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S
Other	546	535	584	554	589	646	645	715	697
Teachers, except postsecondary (college and university)	4,330	4,507	4,724	4,798	4,962	5,277	5,393	5,498	5,652
Elementary school	1,634	1,738	1,846	1,872	1,951	2,072	2,191	2,225	2,341
Prekindergarten and kindergarten	496	498	543	574	586	600	630	656	647
Secondary school	1,197	1,232	1,228	1,173	1,225	1,342	1,333	1,318	1,289
Special education	308	311	340	384	381	369	365	362	374
Other	696	729	767	796	819	893	875	936	1,001
Other	4,537	4,730	4,908	4,981	5,099	5,364	5,425	5,480	5,530
Technical, sales, and administrative support	37,306	37,417	37,683	38,309	38,521	38,921	39,815	39,469	38,947
Administrative support, including clerical	18,620	18,389	18,353	18,361	18,410	18,448	18,917	18,710	18,184
Sales	14,817	15,119	15,404	15,734	15,850	16,118	16,470	16,201	16,254
Technicians and related support	3,869	3,909	3,926	4,214	4,261	4,355	4,427	4,558	4,509
Engineering and related technologists and technicians	916	880	919	960	970	973	1,010	1,025	980
Drafting	239	229	233	222	228	235	219	225	247
Electrical and electronic technicians	316	334	361	391	431	437	472	486	433
Industrial engineering technicians	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	68	62	73	76	71	67	79	68	65
Other	270	234	230	243	212	215	216	219	209
Science technicians	266	276	245	287	285	293	273	295	291
Biological	89	96	79	106	108	106	109	127	131
Chemical	77	84	78	85	75	79	71	69	64
Other	100	96	87	96	102	108	93	99	96
Health technologists and technicians	1,590	1,648	1,605	1,693	1,733	1,701	1,742	1,831	1,879
Clinical lab technologists and technicians	341	374	376	388	359	338	348	363	384
Dental hygienists	97	95	94	107	112	106	112	111	133
Health record technologists and technicians	S	S	S	S	S	S	S	S	S
Licensed practical nurses	397	399	395	408	381	357	378	383	382
Radiologic technicians	154	154	135	148	170	167	163	168	182
Other	569	607	588	624	694	715	724	788	777

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

Page 4 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Geologists and geodesists	S	S	S	S	S	S	S	S	S
Medical scientists	S	S	S	S	S	S	S	S	54
Other	S	S	S	S	S	S	S	S	S
Physicists and astronomers	S	S	S	S	S	S	S	S	S
Social scientists and urban planners	236	246	249	242	235	269	267	262	272
Economists	50	75	81	71	64	72	75	70	68
Psychologists	164	154	150	152	144	172	172	165	182
Sociologists	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	356	382	387	371	389	414	426	439	433
Agriculture and forestry	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	S	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S
Other	248	261	285	260	267	299	306	321	310
Teachers, except postsecondary (college and university)	3,244	3,365	3,517	3,632	3,737	3,952	4,068	4,125	4,242
Elementary school	1,398	1,461	1,538	1,571	1,639	1,736	1,827	1,836	1,942
Prekindergarten and kindergarten	486	489	533	561	573	591	620	643	632
Secondary school	665	702	686	685	697	772	773	775	749
Special education	258	262	288	318	312	311	301	310	320
Other	437	451	472	497	516	542	548	560	599
Other	2,135	2,280	2,414	2,423	2,563	2,699	2,766	2,769	2,809
Technical, sales, and administrative support	23,984	24,107	24,194	24,549	24,728	24,842	25,388	25,160	24,680
Administrative support, including clerical	14,697	14,613	14,511	14,469	14,469	14,512	14,920	14,719	14,270
Sales	7,273	7,485	7,622	7,894	7,975	8,069	8,175	8,021	7,969
Technicians and related support	2,013	2,009	2,061	2,186	2,285	2,261	2,293	2,421	2,441
Engineering and related technologists and technicians	179	157	183	178	202	185	207	215	204
Drafting	S	S	S	S	S	S	51	S	53
Electrical and electronic technicians	S	S	S	56	73	63	81	90	83
Industrial engineering technicians	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	S	S	S	S	S	S	S	S	S
Other	73	65	77	74	71	68	66	66	58
Science technicians	98	98	92	113	123	119	114	134	138
Biological	S	S	S	61	74	68	65	79	78
Chemical	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Health technologists and technicians	1,298	1,314	1,293	1,357	1,414	1,380	1,402	1,489	1,531
Clinical lab technologists and technicians	263	268	275	295	282	266	260	284	294
Dental hygienists	97	94	93	105	111	105	110	108	131

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

Page 6 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Atmospheric and space scientists	S	S	S	S	S	S	S	S	S
Biological and life scientists	76	75	71	59	64	61	64	70	66
Chemists, except biochemists	91	95	106	108	89	99	109	115	91
Forestry and conservation scientists	S	S	S	S	S	S	S	S	S
Geologists and geodesists	S	51	S	S	55	53	S	S	S
Medical scientists	S	S	S	S	S	55	S	52	S
Physicists and astronomers	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social scientists and urban planners	204	207	189	199	195	191	187	195	184
Economists	56	74	67	65	74	69	66	65	55
Psychologists	116	106	94	104	88	93	95	106	94
Sociologists	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	482	464	502	498	530	563	553	588	582
Agriculture and forestry	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	S	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S
Other	296	275	298	297	323	344	341	393	386
Teachers, except postsecondary (college and university)	1,087	1,142	1,207	1,166	1,225	1,325	1,325	1,373	1,411
Elementary school	236	277	309	301	312	336	365	389	399
Prekindergarten and kindergarten	S	S	S	S	S	S	S	S	S
Secondary school	531	530	542	487	528	570	560	544	540
Special education	50	S	52	66	68	58	64	51	54
Other	260	278	295	299	303	352	327	376	402
Other	2,401	2,452	2,494	2,558	2,536	2,664	2,657	2,711	2,721
Technical, sales, and administrative support	13,322	13,310	13,489	13,760	13,792	14,079	14,427	14,309	14,267
Administrative support, including clerical	3,923	3,776	3,842	3,892	3,941	3,936	3,997	3,991	3,914
Sales	7,543	7,634	7,782	7,840	7,875	8,049	8,295	8,180	8,285
Technicians and related support	1,856	1,900	1,865	2,028	1,976	2,094	2,135	2,137	2,068
Engineering and related technologists and technicians	737	723	736	781	768	787	802	810	777
Drafting	191	187	185	185	184	192	167	180	193
Electrical and electronic technicians	268	297	315	335	358	374	392	396	351
Industrial engineering technicians	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	63	53	63	68	62	59	73	58	59
Other	198	169	153	170	141	147	150	153	150

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

(Thousands)

Page 7 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Science technicians	168	178	153	173	162	174	159	161	154
Biological	S	S	S	S	S	S	S	S	53
Chemical	58	66	57	65	59	56	56	51	S
Other	69	64	62	63	68	79	59	63	58
Health technologists and technicians	292	334	312	336	319	320	340	342	347
Clinical lab technologists and technicians	78	106	100	94	77	73	87	79	90
Dental hygienists	S	S	S	S	S	S	S	S	S
Health record technologists and technicians	S	S	S	S	S	S	S	S	S
Licensed practical nurses	S	S	S	S	S	S	S	S	S
Radiologic technicians	S	S	S	S	52	S	51	50	S
Other	153	165	150	170	173	186	174	187	187
Technicians, except health, engineering, and sciences	659	665	664	737	728	813	833	823	790
Other occupations	35,544	35,688	35,974	36,676	37,034	36,921	38,111	37,762	37,600
White	105,190	106,490	107,808	109,856	110,931	112,235	114,424	114,430	114,013
Managerial and professional specialty	30,045	31,323	32,116	33,089	34,063	35,125	35,476	36,242	36,405
Executive, administrative, and managerial	14,605	15,398	15,807	16,420	16,903	17,235	17,462	17,880	17,944
Professional specialty	15,439	15,924	16,309	16,669	17,160	17,890	18,014	18,362	18,460
Engineers, architects, and surveyors	1,827	1,903	1,870	1,934	1,942	1,994	1,967	1,998	1,919
Architects	131	153	145	154	147	181	197	193	179
Engineers	1,677	1,732	1,705	1,766	1,781	1,797	1,754	1,782	1,716
Aerospace	70	72	74	79	71	67	67	78	83
Agricultural	S	S	S	S	S	S	S	S	S
Chemical	50	69	71	74	61	78	74	61	63
Civil	216	203	207	222	263	241	239	244	220
Electrical and electronic	488	537	516	540	519	523	573	598	549
Industrial	221	225	237	236	233	238	217	227	210
Marine and naval architects	S	S	S	S	S	S	S	S	S
Mechanical	311	301	307	306	298	309	302	302	268
Metallurgical and materials	S	S	S	S	S	S	S	S	S
Mining	S	S	S	S	S	S	S	S	S
Nuclear	S	S	S	S	S	S	S	S	S
Petroleum	S	S	S	S	S	S	S	S	S
Other	230	243	218	226	240	255	214	211	262
Surveyors and mapping scientists	S	S	S	S	S	S	S	S	S
Health assessment and treating	2,345	2,392	2,413	2,473	2,460	2,540	2,531	2,605	2,694
Dietitians	70	73	70	69	68	64	73	73	58
Pharmacists	163	147	154	169	155	173	175	184	180
Physicians' assistants	S	S	61	60	60	61	66	73	77
Registered nurses	1,685	1,713	1,697	1,764	1,715	1,789	1,794	1,829	1,892
Therapists	380	411	430	411	462	455	424	446	486
Occupational	S	S	60	57	64	65	52	57	70
Physical	96	121	107	99	116	124	125	138	148
Respiratory	83	76	85	74	82	68	68	75	78
Speech	86	88	95	97	100	96	97	106	109
Other	71	77	84	85	99	103	82	70	81
Health diagnosing	804	874	827	868	912	882	859	901	940
Dentists	133	143	130	125	140	160	149	141	145
Optometrists	S	S	S	S	S	S	S	S	S
Physicians	526	583	555	590	598	557	567	607	639
Podiatrists	S	S	S	S	S	S	S	S	S
Veterinarians	59	57	S	S	56	51	54	53	S
Other	50	S	53	65	68	68	54	57	69

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

Page 8 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Mathematical and computer scientists	1,022	1,032	1,112	1,228	1,430	1,488	1,639	1,578	1,559
Actuaries	S	S	S	S	S	S	S	S	S
Computer systems analysts and scientists	776	812	893	1,009	1,190	1,238	1,404	1,343	1,330
Operations and systems researchers and analysts	204	184	180	171	182	202	193	189	187
Statisticians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Natural scientists	471	447	455	433	441	490	476	482	451
Agricultural and food scientists	S	S	S	S	S	S	S	S	S
Atmospheric and space scientists	S	S	S	S	S	S	S	S	S
Biological and life scientists	97	87	94	89	90	92	95	105	97
Chemists, except biochemists	127	123	125	115	105	106	115	128	96
Forestry and conservation scientists	S	S	S	S	S	S	S	S	S
Geologists and geodesists	52	57	S	57	62	54	S	S	S
Medical scientists	52	S	52	S	60	70	64	71	68
Physicists and astronomers	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	58	54	S	S
Social scientists and urban planners	396	402	386	389	386	405	401	407	397
Economists	97	135	136	117	125	126	119	118	105
Psychologists	251	229	211	228	204	231	243	244	243
Sociologists	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	726	730	758	737	774	845	824	849	844
Agriculture and forestry	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	S	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S
Other	469	464	495	475	504	547	541	592	578
Teachers, except postsecondary (college and university)	3,842	3,985	4,170	4,205	4,340	4,617	4,686	4,803	4,900
Elementary school	1,436	1,530	1,633	1,624	1,696	1,809	1,894	1,943	2,026
Prekindergarten and kindergarten	422	412	460	490	487	503	531	538	522
Secondary school	1,081	1,120	1,113	1,054	1,094	1,210	1,172	1,189	1,166
Special education	282	276	288	335	335	329	323	320	328
Other	621	648	676	702	728	766	766	813	857
Other	4,007	4,159	4,318	4,401	4,476	4,629	4,631	4,740	4,758
Technical, sales, and administrative support	32,232	32,184	32,177	32,624	32,490	32,779	33,346	32,969	32,665
Administrative support, including clerical	15,696	15,457	15,323	15,323	15,229	15,201	15,497	15,333	14,931
Sales	13,235	13,366	13,519	13,730	13,704	13,956	14,227	13,889	14,018

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

(Thousands) Page 9 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Technicians and related support	3,301	3,361	3,334	3,571	3,557	3,622	3,621	3,747	3,716
Engineering and related technologists and technicians	800	770	789	841	820	813	833	855	830
Drafting	220	209	212	200	212	206	192	208	224
Electrical and electronic technicians	260	280	306	341	349	352	382	399	349
Industrial engineering technicians	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	63	55	64	70	67	61	70	63	64
Other	236	206	189	205	171	178	172	162	175
Science technicians	223	240	204	243	240	244	232	250	247
Biological	73	85	68	88	96	93	95	110	114
Chemical	68	73	64	70	60	64	63	60	53
Other	83	82	72	85	84	87	73	80	80
Health technologists and technicians	1,303	1,369	1,334	1,393	1,404	1,372	1,393	1,464	1,518
Clinical lab technologists and technicians	267	297	284	287	273	243	257	269	285
Dental hygienists	96	92	93	105	106	103	109	106	127
Health record technologists and technicians	S	S	S	S	S	S	S	S	S
Licensed practical nurses	310	308	329	335	304	279	283	278	293
Radiologic technicians	136	141	119	131	148	148	143	147	163
Other	469	516	495	519	559	585	588	651	632
Technicians, except health, engineering, and sciences	975	981	1,008	1,094	1,092	1,193	1,163	1,178	1,122
Other occupations	42,912	42,983	43,514	44,143	44,378	44,333	45,602	45,219	44,943
Female	47,738	48,344	48,920	49,859	50,327	51,096	52,136	52,218	52,164
Managerial and professional specialty	14,223	14,808	15,413	15,978	16,428	17,073	17,396	17,890	18,134
Executive, administrative, and managerial	6,164	6,452	6,781	7,124	7,323	7,527	7,702	8,029	8,062
Professional specialty	8,059	8,356	8,632	8,855	9,105	9,546	9,694	9,862	10,072
Engineers, architects, and surveyors	159	171	163	187	217	201	209	213	202
Architects	S	S	S	S	S	S	S	S	S
Engineers	136	140	136	158	190	172	164	167	165
Aerospace	S	S	S	S	S	S	S	S	S
Agricultural	S	S	S	S	S	S	S	S	S
Chemical	S	S	S	S	S	S	S	S	S
Civil	S	S	S	S	S	S	S	S	S
Electrical and electronic	S	S	S	S	S	S	50	51	S
Industrial	S	S	S	S	S	S	S	S	S
Marine and naval architects	S	S	S	S	S	S	S	S	S
Mechanical	S	S	S	S	S	S	S	S	S
Metallurgical and materials	S	S	S	S	S	S	S	S	S
Mining	S	S	S	S	S	S	S	S	S
Nuclear	S	S	S	S	S	S	S	S	S
Petroleum	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Surveyors and mapping scientists	S	S	S	S	S	S	S	S	S
Health assessment and treating	2,020	2,061	2,069	2,131	2,106	2,178	2,161	2,242	2,341
Dietitians	65	70	65	63	59	55	67	67	53
Pharmacists	62	51	62	70	63	74	73	86	92
Physicians' assistants	S	S	S	S	S	S	S	S	S
Registered nurses	1,581	1,600	1,585	1,647	1,596	1,666	1,662	1,700	1,764
Therapists	287	315	323	313	356	351	323	346	387
Occupational	S	S	52	S	54	59	S	54	63
Physical	65	86	66	66	85	91	80	94	106
Respiratory	50	S	51	S	50	S	S	S	S
Speech	82	81	88	92	93	89	92	97	103
Other	52	58	65	67	74	74	62	55	67

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

Page 10 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Health diagnosing	165	187	193	205	226	196	208	231	256
Dentists	S	S	S	S	S	S	S	S	S
Optometrists	S	S	S	S	S	S	S	S	S
Physicians	111	132	134	144	152	126	140	156	184
Podiatrists	S	S	S	S	S	S	S	S	S
Veterinarians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mathematical and computer scientists	332	326	327	361	400	463	512	465	469
Actuaries	S	S	S	S	S	S	S	S	S
Computer systems analysts and scientists	234	238	238	278	310	353	408	356	361
Operations and systems researchers and analysts	83	72	75	68	73	92	85	88	88
Statisticians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Natural scientists	135	116	130	129	130	137	150	161	154
Agricultural and food scientists	S	S	S	S	S	S	S	S	S
Atmospheric and space scientists	S	S	S	S	S	S	S	S	S
Biological and life scientists	S	S	S	S	S	S	S	S	S
Chemists, except biochemists	S	S	S	S	S	S	S	S	S
Forestry and conservation scientists	S	S	S	S	S	S	S	S	S
Geologists and geodesists	S	S	S	S	S	S	S	S	S
Medical scientists	S	S	S	S	S	S	S	S	S
Physicists and astronomers	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Social scientists and urban planners	216	220	218	209	209	236	234	233	238
Economists	S	68	75	61	58	64	60	60	59
Psychologists	150	137	127	131	125	150	156	149	160
Sociologists	S	S	S	S	S	S	S	S	S
Urban planners	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Teachers, postsecondary (college and university)	313	333	326	313	329	355	358	364	369
Agriculture and forestry	S	S	S	S	S	S	S	S	S
Biological sciences	S	S	S	S	S	S	S	S	S
Chemistry	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	S	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S
Other	220	233	241	220	227	257	255	264	263
Teachers, except postsecondary (college and university)	2,864	2,953	3,100	3,187	3,254	3,467	3,524	3,584	3,664
Elementary school	1,227	1,283	1,362	1,366	1,419	1,523	1,584	1,595	1,682
Prekindergarten and kindergarten	414	405	453	479	480	496	522	529	512
Secondary school	598	630	624	614	613	697	674	704	678

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

(Thousands)

Page 11 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Special education	236	236	244	283	281	280	267	272	280
Other	389	399	418	444	461	471	478	484	512
Other	1,855	1,988	2,108	2,132	2,233	2,312	2,338	2,369	2,380
Technical, sales, and administrative support	20,594	20,569	20,510	20,746	20,692	20,726	21,110	20,844	20,622
Administrative support, including clerical	12,521	12,410	12,246	12,204	12,069	12,064	12,383	12,189	11,856
Sales	6,375	6,461	6,531	6,701	6,728	6,810	6,876	6,690	6,757
Technicians and related support	1,699	1,698	1,733	1,840	1,895	1,852	1,851	1,965	2,009
Engineering and related technologists and technicians	152	133	152	154	162	147	152	166	165
Drafting	S	S	S	S	S	S	S	S	S
Electrical and electronic technicians	S	S	S	51	57	S	53	67	63
Industrial engineering technicians	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	S	S	S	S	S	S	S	S	S
Other	63	54	60	60	57	54	S	S	S
Science technicians	80	82	74	98	102	103	94	114	118
Biological	S	S	S	52	64	61	56	70	71
Chemical	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Health technologists and technicians	1,075	1,101	1,087	1,137	1,157	1,118	1,133	1,203	1,243
Clinical lab technologists and technicians	211	217	212	224	215	197	196	216	222
Dental hygienists	96	91	92	103	105	102	108	103	125
Health record technologists and technicians	S	S	S	S	S	S	S	S	S
Licensed practical nurses	295	294	312	316	291	265	268	264	277
Radiologic technicians	104	106	87	96	108	113	98	107	129
Other	347	382	371	383	423	429	451	500	476
Technicians, except health, engineering, and sciences	392	382	421	450	473	484	472	482	482
Other occupations	12,920	12,966	12,997	13,136	13,208	13,298	13,630	13,483	13,407
Male	57,452	58,146	58,888	59,998	60,604	61,139	62,289	62,212	61,849
Managerial and professional specialty	15,821	16,515	16,703	17,111	17,635	18,052	18,080	18,351	18,271
Executive, administrative, and managerial	8,441	8,947	9,026	9,297	9,580	9,708	9,760	9,851	9,883
Professional specialty	7,380	7,568	7,677	7,814	8,055	8,344	8,320	8,500	8,388
Engineers, architects, and surveyors	1,668	1,731	1,707	1,747	1,725	1,792	1,758	1,784	1,717
Architects	109	123	121	126	120	153	153	148	144
Engineers	1,542	1,593	1,570	1,608	1,592	1,625	1,589	1,614	1,551
Aerospace	60	68	71	76	65	59	61	71	77
Agricultural	S	S	S	S	S	S	S	S	S
Chemical	S	61	63	62	52	65	67	55	54
Civil	201	189	191	205	233	218	215	220	198
Electrical and electronic	457	494	482	499	477	481	523	547	503
Industrial	191	195	208	196	193	198	186	191	176
Marine and naval architects	S	S	S	S	S	S	S	S	S
Mechanical	295	287	285	288	277	289	283	284	249
Metallurgical and materials	S	S	S	S	S	S	S	S	S
Mining	S	S	S	S	S	S	S	S	S
Nuclear	S	S	S	S	S	S	S	S	S
Petroleum	S	S	S	S	S	S	S	S	S
Other	206	221	199	203	207	233	191	190	237
Surveyors and mapping scientists	S	S	S	S	S	S	S	S	S
Health assessment and treating	325	331	344	342	354	362	370	362	353
Dietitians	S	S	S	S	S	S	S	S	S
Pharmacists	101	96	92	99	92	98	102	98	88
Physicians' assistants	S	S	S	S	S	S	S	S	S
Registered nurses	104	113	112	116	119	122	131	129	128

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

(Thousands)

Page 17 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Chemistry	S	S	S	S	S	S	S	S	S
Computer sciences	S	S	S	S	S	S	S	S	S
Earth, environmental, and marine sciences	S	S	S	S	S	S	S	S	S
Economics	S	S	S	S	S	S	S	S	S
Engineering	S	S	S	S	S	S	S	S	S
Health specialties	S	S	S	S	S	S	S	S	S
Mathematical sciences	S	S	S	S	S	S	S	S	S
Medical sciences	S	S	S	S	S	S	S	S	S
Natural sciences NEC	S	S	S	S	S	S	S	S	S
Physics	S	S	S	S	S	S	S	S	S
Political sciences	S	S	S	S	S	S	S	S	S
Psychology	S	S	S	S	S	S	S	S	S
Social sciences NEC	S	S	S	S	S	S	S	S	S
Sociology	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Teachers, except postsecondary (college and university)	299	332	349	368	392	383	429	431	444
Elementary school	142	148	151	169	177	170	200	203	213
Prekindergarten and kindergarten	54	68	71	75	79	78	82	93	93
Secondary school	51	60	51	56	70	60	72	51	50
Special education	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	52	56
Other	213	219	240	217	253	295	293	290	299
Technical, sales, and administrative support	2,531	2,673	2,723	2,835	3,007	3,065	3,100	3,088	2,881
Administrative support, including clerical	1,672	1,711	1,745	1,776	1,858	1,917	1,931	1,905	1,788
Sales	633	732	754	823	879	871	871	880	800
Technicians and related support	227	230	224	237	270	278	298	303	294
Engineering and related technologists and technicians	S	S	S	S	S	S	S	S	S
Drafting	S	S	S	S	S	S	S	S	S
Electrical and electronic technicians	S	S	S	S	S	S	S	S	S
Industrial engineering technicians	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Science technicians	S	S	S	S	S	S	S	S	S
Biological	S	S	S	S	S	S	S	S	S
Chemical	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Health technologists and technicians	179	165	155	168	196	197	206	210	222
Clinical lab technologists and technicians	S	S	S	S	S	S	S	S	61
Dental hygienists	S	S	S	S	S	S	S	S	S
Health record technologists and technicians	S	S	S	S	S	S	S	S	S
Licensed practical nurses	72	76	55	57	64	63	68	83	76
Radiologic technicians	S	S	S	S	S	S	S	S	S
Other	57	S	S	56	75	69	74	68	76
Technicians, except health, engineering, and sciences	S	S	S	S	S	S	51	56	S
Other occupations	2,658	2,672	2,751	2,874	2,898	2,995	2,967	2,880	2,948
Male	6,241	6,422	6,456	6,607	6,871	7,027	7,082	6,938	6,959
Managerial and professional specialty	1,000	1,139	1,094	1,112	1,167	1,263	1,306	1,293	1,294
Executive, administrative, and managerial	526	589	537	559	589	596	629	651	668

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

Page 24 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Chemical	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Health technologists and technicians	S	S	S	S	S	S	S	S	S
Clinical lab technologists and technicians	S	S	S	S	S	S	S	S	S
Dental hygienists	S	S	S	S	S	S	S	S	S
Health record technologists and technicians	S	S	S	S	S	S	S	S	S
Licensed practical nurses	S	S	S	S	S	S	S	S	S
Radiologic technicians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Technicians, except health, engineering, and sciences	S	S	S	S	S	S	S	S	S
Other occupations	1,881	1,964	2,030	2,270	2,388	2,545	2,812	2,872	3,031
Male	6,530	6,725	7,039	7,728	8,018	8,067	9,428	9,668	9,845
Managerial and professional specialty	805	805	851	982	1,019	1,015	1,056	1,110	1,192
Executive, administrative, and managerial	454	451	463	565	601	588	581	631	668
Professional specialty	351	354	388	417	417	426	474	480	524
Engineers, architects, and surveyors	61	69	71	77	74	76	86	83	81
Architects	S	S	S	S	S	S	S	S	S
Engineers	55	59	65	69	66	69	77	74	72
Aerospace	S	S	S	S	S	S	S	S	S
Agricultural	S	S	S	S	S	S	S	S	S
Chemical	S	S	S	S	S	S	S	S	S
Civil	S	S	S	S	S	S	S	S	S
Electrical and electronic	S	S	S	S	S	S	S	S	S
Industrial	S	S	S	S	S	S	S	S	S
Marine and naval architects	S	S	S	S	S	S	S	S	S
Mechanical	S	S	S	S	S	S	S	S	S
Metallurgical and materials	S	S	S	S	S	S	S	S	S
Mining	S	S	S	S	S	S	S	S	S
Nuclear	S	S	S	S	S	S	S	S	S
Petroleum	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Surveyors and mapping scientists	S	S	S	S	S	S	S	S	S
Health assessment and treating	S	S	S	S	S	S	S	S	S
Dietitians	S	S	S	S	S	S	S	S	S
Pharmacists	S	S	S	S	S	S	S	S	S
Physicians' assistants	S	S	S	S	S	S	S	S	S
Registered nurses	S	S	S	S	S	S	S	S	S
Therapists	S	S	S	S	S	S	S	S	S
Occupational	S	S	S	S	S	S	S	S	S
Physical	S	S	S	S	S	S	S	S	S
Respiratory	S	S	S	S	S	S	S	S	S
Speech	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Health diagnosing	S	S	S	S	S	S	S	S	S
Dentists	S	S	S	S	S	S	S	S	S
Optometrists	S	S	S	S	S	S	S	S	S
Physicians	S	S	S	S	S	S	S	S	S
Podiatrists	S	S	S	S	S	S	S	S	S
Veterinarians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Mathematical and computer scientists	S	S	S	S	55	S	57	59	77
Actuaries	S	S	S	S	S	S	S	S	S
Computer systems analysts and scientists	S	S	S	S	S	S	51	54	68

TABLE H-5. Employed persons 16 years and older, by detailed occupation, sex, and race/ethnicity: 1994–2002 annual averages

Page 26 of 26

Occupation, sex, and race/ethnicity	1994	1995	1996	1997	1998	1999	2000	2001	2002
Industrial engineering technicians	S	S	S	S	S	S	S	S	S
Mechanical engineering technicians	S	S	S	S	S	S	S	S	S
Surveying and mapping technicians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Science technicians	S	S	S	S	S	S	S	S	S
Biological	S	S	S	S	S	S	S	S	S
Chemical	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Health technologists and technicians	S	S	S	S	S	S	S	S	53
Clinical lab technologists and technicians	S	S	S	S	S	S	S	S	S
Dental hygienists	S	S	S	S	S	S	S	S	S
Health record technologists and technicians	S	S	S	S	S	S	S	S	S
Licensed practical nurses	S	S	S	S	S	S	S	S	S
Radiologic technicians	S	S	S	S	S	S	S	S	S
Other	S	S	S	S	S	S	S	S	S
Technicians, except health, engineering, and sciences	S	S	S	S	S	S	S	S	S
Other occupations	4,752	4,896	5,108	5,564	5,784	5,849	6,963	7,111	7,270

NEC not elsewhere classified

S suppressed because fewer than 50,000 weighted cases

NOTES: Data for 2001 and 2002 reflect weights calculated on the basis of the 2000 decennial census and do not match the data in tables H-2–H-4, which reflect weights based on the 1990 decennial census. Hispanics may be of any race and are classified by race as well as ethnicity.

SOURCE: Bureau of Labor Statistics, Current Population Survey, 1994–2002.

TABLE H-6. Employed S&E doctorate holders, by occupation and sex: 2001

Occupation	Total		Female		Male	
	Number	Percent	Number	Percent	Number	Percent
All occupations	574,890	100.0	147,110	25.6	427,770	74.4
S&E occupations	427,740	100.0	105,400	24.6	322,330	75.4
Scientists	352,320	100.0	99,320	28.2	252,990	71.8
Computer/information scientists	34,660	100.0	4,720	13.6	29,950	86.4
Computer/information	28,300	100.0	3,810	13.5	24,500	86.6
Postsecondary teachers	6,360	100.0	910	14.3	5,450	85.7
Life and related scientists	107,850	100.0	32,210	29.9	75,640	70.1
Agricultural and food	8,780	100.0	1,430	16.3	7,350	83.7
Biological and medical	61,880	100.0	21,030	34.0	40,850	66.0
Environmental life	1,120	100.0	210	18.8	910	81.3
Postsecondary teachers	36,070	100.0	9,540	26.4	26,530	73.6
Mathematical scientists	21,900	100.0	4,460	20.4	17,450	79.7
Mathematics	8,520	100.0	2,150	25.2	6,370	74.8
Postsecondary teachers	13,390	100.0	2,310	17.3	11,080	82.7
Physical and related scientists	73,840	100.0	10,280	13.9	63,560	86.1
Chemical (excluding biochemical)	24,220	100.0	3,860	15.9	20,360	84.1
Earth, atmospheric, and ocean	8,910	100.0	980	11.0	7,940	89.1
Physics and astronomy	13,960	100.0	1,080	7.7	12,870	92.2
Postsecondary teachers	25,620	100.0	4,190	16.4	21,430	83.6
Other	1,140	100.0	170	14.9	970	85.1
Psychology	66,860	100.0	33,280	49.8	33,590	50.2
Psychology	49,840	100.0	25,960	52.1	23,890	47.9
Postsecondary teachers	17,020	100.0	7,320	43.0	9,700	57.0
Social scientists	47,200	100.0	14,380	30.5	32,820	69.5
Economics	7,520	100.0	1,720	22.9	5,800	77.1
Political	1,430	100.0	330	23.1	1,100	76.9
Sociology and anthropology	3,800	100.0	1,890	49.7	1,900	50.0
Postsecondary teachers	32,100	100.0	9,290	28.9	22,800	71.0
Other	2,360	100.0	1,140	48.3	1,220	51.7
Engineers	75,420	100.0	6,080	8.1	69,340	91.9
Aerospace and related	4,280	100.0	250	5.8	4,030	94.2
Chemical	7,980	100.0	850	10.7	7,130	89.3
Civil	4,000	100.0	220	5.5	3,790	94.8
Electrical and related	16,110	100.0	1,060	6.6	15,060	93.5
Industrial	1,330	100.0	250	18.8	1,080	81.2
Mechanical	8,320	100.0	370	4.4	7,950	95.6
Other	16,530	100.0	1,870	11.3	14,660	88.7
Postsecondary teachers	16,870	100.0	1,230	7.3	15,640	92.7
Non-S&E occupations	147,150	100.0	41,710	28.3	105,440	71.7
Arts, humanities, and related	4,950	100.0	2,340	47.3	2,610	52.7
Health related	17,260	100.0	6,150	35.6	11,100	64.3
Management and administration	76,190	100.0	15,520	20.4	60,670	79.6
Postsecondary teachers (nonS&E)	18,800	100.0	9,860	52.4	8,940	47.6
Precollege teachers (all fields)	4,540	100.0	1,850	40.7	2,690	59.3
Sales and marketing	6,600	100.0	1,420	21.5	5,190	78.6
Social services and related	2,700	100.0	1,160	43.0	1,540	57.0
Technologists and technicians	7,030	100.0	890	12.7	6,140	87.3
Other	9,090	100.0	2,520	27.7	6,570	72.3

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers are rounded to nearest 10. Details may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-7. Employed S&E doctorate holders, by occupation and race/ethnicity: 2001

Occupation	Total	White	Asian/Pacific			American Indian/Alaskan Native
			Islander	Black	Hispanic	
Number of doctorate holders						
All occupations	574,890	454,940	87,770	15,050	15,020	1,840
S&E occupations	427,740	334,210	70,010	9,980	11,920	1,390
Scientists	352,320	283,850	48,130	8,780	10,140	1,220
Computer/information scientists	34,660	21,950	11,340	600	710	S
Computer/information	28,300	17,220	10,020	430	570	S
Postsecondary teachers	6,360	4,720	1,320	170	140	S
Life and related scientists	107,850	85,150	17,240	2,150	3,000	280
Agricultural and food	8,780	6,930	1,160	250	400	S
Biological and medical	61,880	45,740	13,150	1,060	1,730	180
Environmental life	1,120	1,060	S	S	S	S
Postsecondary teachers	36,070	31,430	2,920	840	840	S
Mathematical scientists	21,900	16,880	3,810	540	610	S
Mathematicians	8,520	6,020	2,080	250	140	S
Postsecondary teachers	13,390	10,860	1,730	300	470	S
Physical and related scientists	73,840	59,870	10,660	1,190	1,840	240
Chemical (excluding biochemical)	24,220	17,820	5,380	450	540	S
Earth, atmospheric, and ocean	8,910	7,580	1,010	60	230	S
Physics and astronomy	13,960	11,610	1,940	90	270	S
Postsecondary teachers	25,620	21,860	2,220	580	780	150
Other	1,140	1,000	120	S	S	S
Psychology	66,860	60,450	1,480	2,280	2,260	370
Psychology	49,840	45,440	1,000	1,490	1,630	290
Postsecondary teachers	17,020	15,010	480	790	640	80
Social scientists	47,200	39,560	3,600	2,020	1,710	250
Economics	7,520	5,970	1,050	140	350	S
Political science	1,430	1,170	70	S	100	S
Sociology and anthropology	3,800	3,370	100	190	140	S
Postsecondary teachers	32,100	26,970	2,240	1,540	1,100	190
Other	2,360	2,080	150	90	S	S
Engineers	75,420	50,360	21,880	1,200	1,780	170
Aerospace and related	4,280	3,270	880	S	90	S
Chemical	7,980	4,930	2,750	110	180	S
Civil	4,000	2,660	1,080	100	150	S
Electrical and related	16,110	9,520	6,060	210	290	S
Industrial	1,330	850	440	S	S	S
Mechanical	8,320	5,110	3,010	100	90	S
Postsecondary teachers	16,870	12,500	3,250	490	550	60
Other	16,530	11,530	4,410	140	410	S
Non-S&E occupations	147,150	120,730	17,760	5,070	3,100	450
Arts, humanities, and related	4,950	4,530	230	90	90	S
Health related	17,260	13,930	2,370	580	300	60
Management and administration	76,190	62,480	9,480	2,530	1,490	200
Postsecondary teachers (non-S&E)	18,800	16,010	1,180	880	650	80
Precollege teachers (all fields)	4,540	3,800	230	330	140	S
Sales and marketing	6,600	5,250	1,030	150	140	S
Social services and related	2,700	2,290	140	220	S	S
Technologists and technicians	7,030	4,660	2,230	60	80	S
Other	9,090	7,770	860	230	180	60

TABLE H-7. Employed S&E doctorate holders, by occupation and race/ethnicity: 2001

Page 2 of 2

Occupation	Total	White	Asian/Pacific	Black	Hispanic	American	
			Islander			Indian/Alaskan	
							Percent
All occupations	100.00	79.1	15.3	2.6	2.6	0.3	
S&E occupations	100.00	78.1	16.4	2.3	2.8	0.3	
Scientists	100.00	80.6	13.7	2.5	2.9	0.3	
Computer/information scientists	100.00	63.3	32.7	1.7	2.0	S	
Computer/information	100.00	60.8	35.4	1.5	2.0	S	
Postsecondary teachers	100.00	74.2	20.8	2.7	2.2	S	
Life and related scientists	100.00	79.0	16.0	2.0	2.8	0.3	
Agricultural and food	100.00	78.9	13.2	2.8	4.6	S	
Biological and medical	100.00	73.9	21.3	1.7	2.8	0.3	
Environmental life	100.00	94.6	S	S	S	S	
Postsecondary teachers	100.00	87.1	8.1	2.3	2.3	S	
Mathematical scientists	100.00	77.1	17.4	2.5	2.8	S	
Mathematicians	100.00	70.7	24.4	2.9	1.6	S	
Postsecondary teachers	100.00	81.1	12.9	2.2	3.5	S	
Physical and related scientists	100.00	81.1	14.4	1.6	2.5	0.3	
Chemical (excluding biochemical)	100.00	73.6	22.2	1.9	2.2	S	
Earth, atmospheric, and ocean	100.00	85.1	11.3	0.7	2.6	S	
Physics and astronomy	100.00	83.2	13.9	0.6	1.9	S	
Postsecondary teachers	100.00	85.3	8.7	2.3	3.0	0.6	
Other	100.00	87.7	10.5	S	S	S	
Psychology	100.00	90.4	2.2	3.4	3.4	0.6	
Psychology	100.00	91.2	2.0	3.0	3.3	0.6	
Postsecondary teachers	100.00	88.2	2.8	4.6	3.8	0.5	
Social scientists	100.00	83.8	7.6	4.3	3.6	0.5	
Economics	100.00	79.4	14.0	1.9	4.7	S	
Political science	100.00	81.8	4.9	S	7.0	S	
Sociology and anthropology	100.00	88.7	2.6	5.0	3.7	S	
Postsecondary teachers	100.00	84.0	7.0	4.8	3.4	0.6	
Other	100.00	88.1	6.4	3.8	S	S	
Engineers	100.00	66.8	29.0	1.6	2.4	0.2	
Aerospace and related	100.00	76.4	20.6	S	2.1	S	
Chemical	100.00	61.8	34.5	1.4	2.3	S	
Civil	100.00	66.5	27.0	2.5	3.8	S	
Electrical and related	100.00	59.1	37.6	1.3	1.8	S	
Industrial	100.00	63.9	33.1	S	S	S	
Mechanical	100.00	61.4	36.2	1.2	1.1	S	
Postsecondary teachers	100.00	74.1	19.3	2.9	3.3	0.4	
Other	100.00	69.8	26.7	0.8	2.5	S	
Non-S&E occupations	100.00	82.0	12.1	3.4	2.1	0.3	
Arts, humanities, and related	100.00	91.5	4.6	1.8	1.8	S	
Health related	100.00	80.7	13.7	3.4	1.7	0.3	
Management and administration	100.00	82.0	12.4	3.3	2.0	0.3	
Postsecondary teachers (non-S&E)	100.00	85.2	6.3	4.7	3.5	0.4	
Precollege teachers (all fields)	100.00	83.7	5.1	7.3	3.1	S	
Sales and marketing	100.00	79.5	15.6	2.3	2.1	S	
Social services and related	100.00	84.8	5.2	8.1	S	S	
Technologists and technicians	100.00	66.3	31.7	0.9	1.1	S	
Other	100.00	85.5	9.5	2.5	2.0	0.7	

S suppressed because fewer than 50 weighted cases.

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers are rounded to nearest 10. Details may not add to total because of rounding. Total includes "other race/ethnicity" not shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-8. Employed S&E doctorate holders, by occupation, race/ethnicity and sex: 2001

Occupation	All races/ethnicities			White			Asian/Pacific Islander			Black			Hispanic			American Indian/ Alaskan Native		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
	Number of doctorate holders																	
All occupations	574,890	147,110	427,770	454,940	117,240	337,710	87,770	18,600	69,170	15,050	5,730	9,320	15,020	4,940	10,080	1,840	500	1,330
S&E occupations	427,740	105,400	322,330	334,210	83,060	251,160	70,010	14,730	55,280	9,980	3,420	6,560	11,920	3,790	8,130	1,390	340	1,040
Scientists	352,320	99,320	252,990	283,850	79,110	204,760	48,130	12,990	35,140	8,780	3,280	5,490	10,140	3,560	6,580	1,220	S	900
Computer and information scientists	34,660	4,720	29,950	21,950	2,780	19,170	11,340	1,790	9,560	600	80	530	710	80	640	S	S	S
Computer/information	28,300	3,810	24,500	17,220	2,070	15,160	10,020	1,630	8,400	430	S	390	570	70	500	S	S	S
Postsecondary teachers	6,360	910	5,450	4,720	710	4,010	1,320	160	1,160	170	S	140	140	S	140	S	S	S
Life and related scientists	107,850	32,210	75,640	85,150	24,340	60,810	17,240	5,930	11,310	2,150	770	1,390	3,000	1,060	1,940	280	80	200
Agricultural and food	8,780	1,430	7,350	6,930	1,040	5,890	1,160	220	930	250	S	220	400	130	260	50	S	S
Biological and medical	61,880	21,030	40,850	45,740	14,860	30,880	13,150	5,050	8,110	1,060	410	660	1,730	640	1,090	180	60	120
Environmental life	1,120	210	910	1,060	190	870	S	S	S	S	S	S	S	S	S	S	S	S
Postsecondary teachers	36,070	9,540	26,530	31,430	8,260	23,170	2,920	660	2,270	840	320	510	840	290	550	S	S	S
Mathematical scientists	21,900	4,460	17,450	16,880	3,050	13,840	3,810	1,090	2,710	550	200	350	610	110	510	50	S	S
Mathematicians	8,520	2,150	6,370	6,020	1,350	4,680	2,080	650	1,430	250	110	130	140	S	120	S	S	S
Postsecondary teachers	13,390	2,310	11,080	10,860	1,700	9,160	1,730	440	1,280	300	80	210	470	80	390	S	S	S
Physical and related scientists	73,840	10,280	63,560	59,870	7,600	52,270	10,660	2,200	8,460	1,190	180	1,010	1,840	270	1,570	240	S	220
Chemists (excluding biochemists)	24,220	3,860	20,360	17,820	2,410	15,410	5,380	1,290	4,090	450	70	380	540	90	460	S	S	S
Earth scientists, geologists, and oceanographers	8,910	980	7,940	7,580	820	6,770	1,010	140	870	60	S	60	230	S	220	S	S	S
Physicists and astronomers	13,960	1,080	12,870	11,610	720	10,890	1,940	310	1,630	90	S	80	270	S	240	S	S	S
Postsecondary teachers	25,620	4,190	21,430	21,860	3,530	18,330	2,220	430	1,790	580	80	500	780	130	650	150	S	140
Other	1,140	170	970	1,000	130	870	120	S	90	S	S	S	S	S	S	S	S	S
Psychologists	66,860	33,280	33,590	60,450	29,300	31,150	1,480	920	510	2,280	1,410	870	2,260	1,430	840	370	170	200
Postsecondary teachers	17,020	7,320	9,700	15,010	6,190	8,820	480	270	210	790	500	290	640	340	290	80	S	60
Psychologists	49,840	25,960	23,890	45,440	23,110	22,330	1,000	700	300	1,490	910	580	1,630	1,080	550	290	150	130
Social scientists	47,200	14,380	32,820	39,560	12,030	27,530	3,610	990	2,540	2,010	660	1,360	1,710	630	1,090	250	S	220
Economists	7,520	1,720	5,800	5,970	1,390	4,590	1,050	260	790	140	S	120	350	50	300	S	S	S
Political	1,430	330	1,100	1,170	250	920	70	S	S	50	S	S	100	S	60	50	S	50
Postsecondary teachers	32,100	9,290	22,800	26,970	7,740	19,240	2,240	570	1,670	1,540	470	1,080	1,100	470	630	190	S	170
Sociologists and anthropologists	3,800	1,890	1,900	3,370	1,630	1,740	100	80	S	190	120	70	140	60	70	S	S	S
Other	2,360	1,140	1,220	2,080	1,020	1,060	150	80	80	90	S	60	S	S	S	S	S	S
Engineers	75,420	6,080	69,340	50,360	3,950	46,400	21,880	1,740	20,140	1,200	140	1,070	1,780	230	1,550	170	S	140
Aerospace and related	4,280	250	4,030	3,270	170	3,100	880	S	840	S	S	S	90	S	60	S	S	S

TABLE H-8. Employed S&E doctorate holders, by occupation, race/ethnicity and sex: 2001

Occupation	All races/ethnicities			White			Asian/Pacific Islander			Black			Hispanic			American Indian/ Alaskan Native		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
Number of doctorate holders																		
Chemical	7,980	850	7,130	4,930	540	4,390	2,750	290	2,460	110	S	100	180	S	180	S	S	S
Civil	4,000	220	3,790	2,660	200	2,460	1,080	S	1,070	100	S	100	150	S	150	S	S	S
Electrical and related	16,110	1,060	15,060	9,520	460	9,060	6,060	540	5,520	210	S	190	290	S	250	S	S	S
Industrial	1,330	250	1,080	850	140	710	440	80	350	S	S	S	S	S	S	S	S	S
Mechanical	8,320	370	7,950	5,110	210	4,900	3,010	150	2,860	100	S	90	90	S	90	S	S	S
Postsecondary teachers	16,870	1,230	15,640	12,500	1,000	11,500	3,250	140	3,110	490	S	440	550	S	510	60	S	60
Other	16,530	1,870	14,660	11,530	1,240	10,290	4,410	480	3,930	140	S	90	410	90	310	S	S	S
Non-S&E occupations	147,150	41,710	105,440	120,730	34,180	86,550	17,760	3,870	13,890	5,070	2,310	2,760	3,100	1,150	1,950	450	160	290
Arts, humanities, and related	4,950	2,340	2,610	4,530	2,060	2,480	230	200	S	90	S	70	90	70	S	S	S	S
Health related	17,260	6,150	11,100	13,930	4,950	8,980	2,370	770	1,610	580	280	300	300	130	170	60	S	S
Managers and administrators	76,190	15,520	60,670	62,480	12,670	49,810	9,480	1,360	8,130	2,530	1,050	1,470	1,490	380	1,110	200	60	140
Postsecondary teachers	18,800	9,860	8,940	16,010	8,270	7,750	1,180	570	610	880	590	290	650	370	280	80	60	S
Precollege teachers	4,540	1,850	2,690	3,800	1,590	2,210	230	110	120	330	80	250	140	60	80	S	S	S
Sales and marketing	6,600	1,420	5,190	5,250	1,120	4,140	1,030	170	870	150	60	100	140	50	80	S	S	S
Social services and related	2,700	1,160	1,540	2,290	1,010	1,290	140	S	110	220	90	120	S	S	S	S	S	S
Technologists and technicians	7,030	890	6,140	4,660	420	4,240	2,230	470	1,760	60	S	60	80	S	80	S	S	S
Other	9,090	2,520	6,570	7,770	2,100	5,660	860	200	660	230	130	100	180	70	110	60	S	S
Percent distribution																		
All occupations	100.0	25.6	74.4	100.0	25.8	74.2	100.0	21.2	78.8	100.0	38.1	61.9	100.0	32.9	67.1	100.0	27.2	72.3
S&E occupations	100.0	18.3	75.4	100.0	18.3	75.2	100.0	16.8	79.0	100.0	22.7	65.7	100.0	25.2	68.2	100.0	18.5	74.8
Scientists	100.0	23.2	71.8	100.0	23.7	72.1	100.0	18.6	73.0	100.0	32.9	62.5	100.0	29.9	64.9	100.0	S	S
Computer and information scientists	100.0	13.6	86.4	100.0	12.7	87.3	100.0	15.8	84.3	100.0	13.3	88.3	100.0	11.3	90.1	100.0	S	S
Computer/information Postsecondary teachers	100.0	13.5	86.6	100.0	12.0	88.0	100.0	16.3	83.8	100.0	S	90.7	100.0	12.3	87.7	100.0	S	S
Life and related scientists	100.0	14.3	85.7	100.0	15.0	85.0	100.0	12.1	87.9	100.0	S	82.4	100.0	S	100.0	100.0	S	S
Agricultural and food	100.0	29.9	70.1	100.0	28.6	71.4	100.0	34.4	65.6	100.0	35.8	64.7	100.0	35.3	64.7	100.0	28.6	71.4
Biological and medical	100.0	16.3	83.7	100.0	15.0	85.0	100.0	19.0	80.2	100.0	S	88.0	100.0	32.5	65.0	100.0	S	S
Environmental life	100.0	34.0	66.0	100.0	32.5	67.5	100.0	38.4	61.7	100.0	38.7	62.3	100.0	37.0	63.0	100.0	33.3	66.7
Postsecondary teachers	100.0	18.8	81.3	100.0	17.9	82.1	100.0	S	S	100.0	S	S	S	S	S	100.0	S	S
Mathematical scientists	100.0	26.4	73.6	100.0	26.3	73.7	100.0	22.6	77.7	100.0	38.1	60.7	100.0	34.5	65.5	100.0	S	S
Mathematicians	100.0	20.4	79.7	100.0	18.1	82.0	100.0	28.6	71.1	100.0	36.4	63.6	100.0	18.0	83.6	100.0	S	S
Postsecondary teachers	100.0	25.2	74.8	100.0	22.4	77.7	100.0	31.3	68.8	100.0	44.0	52.0	100.0	S	85.7	100.0	S	S
Physical and related scientists	100.0	17.3	82.7	100.0	15.7	84.3	100.0	25.4	74.0	100.0	26.7	70.0	100.0	17.0	83.0	100.0	S	S
Chemists (excluding biochemists)	100.0	13.9	86.1	100.0	12.7	87.3	100.0	20.6	79.4	100.0	15.1	84.9	100.0	14.7	85.3	100.0	S	91.7

TABLE H-8. Employed S&E doctorate holders, by occupation, race/ethnicity and sex: 2001

Occupation	All races/ethnicities			White			Asian/Pacific Islander			Black			Hispanic			American Indian/ Alaskan Native		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
	Percent distribution																	
Earth scientists, geologists, and oceanographers	100.0	11.0	89.1	100.0	10.8	89.3	100.0	13.9	86.1	100.0	S	100.0	100.0	S	95.7	100.0	S	S
Physicists and astronomers	100.0	7.7	92.2	100.0	6.2	93.8	100.0	16.0	84.0	100.0	S	88.9	100.0	S	88.9	100.0	S	S
Postsecondary teachers	100.0	16.4	83.6	100.0	16.1	83.9	100.0	19.4	80.6	100.0	13.8	86.2	100.0	16.7	83.3	100.0	S	93.3
Other	100.0	14.9	85.1	100.0	13.0	87.0	100.0	S	75.0	100.0	S	S	S	S	S	100.0	S	S
Psychologists	100.0	49.8	50.2	100.0	48.5	51.5	100.0	62.2	34.5	100.0	61.8	38.2	100.0	63.3	37.2	100.0	45.9	54.1
Postsecondary teachers	100.0	43.0	57.0	100.0	41.2	58.8	100.0	56.3	43.8	100.0	63.3	36.7	100.0	53.1	45.3	100.0	S	75.0
Psychologists	100.0	52.1	47.9	100.0	50.9	49.1	100.0	70.0	30.0	100.0	61.1	38.9	100.0	66.3	33.7	100.0	51.7	44.8
Social scientists	100.0	30.5	69.5	100.0	30.4	69.6	100.0	27.4	70.4	100.0	32.8	67.7	100.0	36.8	63.7	100.0	S	88.0
Economists	100.0	22.9	77.1	100.0	23.3	76.9	100.0	24.8	75.2	100.0	S	85.7	100.0	14.3	85.7	100.0	S	S
Political	100.0	23.1	76.9	100.0	21.4	78.6	100.0	S	S	100.0	S	S	100.0	S	60.0	100.0	S	100.0
Postsecondary teachers	100.0	28.9	71.0	100.0	28.7	71.3	100.0	25.4	74.6	100.0	30.5	70.1	100.0	42.7	57.3	100.0	S	89.5
Sociologists and anthropologists	100.0	49.7	50.0	100.0	48.4	51.6	100.0	80.0	S	100.0	63.2	36.8	100.0	42.9	50.0	100.0	S	S
Other	100.0	48.3	51.7	100.0	49.0	51.0	100.0	53.3	53.3	100.0	S	66.7	100.0	S	S	100.0	S	S
Engineers	100.0	8.1	91.9	100.0	7.8	92.1	100.0	8.0	92.0	100.0	11.7	89.2	100.0	12.9	87.1	100.0	S	82.4
Aerospace and related	100.0	5.8	94.2	100.0	5.2	94.8	100.0	S	95.5	100.0	S	S	100.0	S	66.7	100.0	S	S
Chemical	100.0	10.7	89.3	100.0	11.0	89.0	100.0	10.5	89.5	100.0	S	90.9	100.0	S	100.0	100.0	S	S
Civil	100.0	5.5	94.8	100.0	7.5	92.5	100.0	S	99.1	100.0	S	100.0	100.0	S	100.0	100.0	S	S
Electrical and related	100.0	6.6	93.5	100.0	4.8	95.2	100.0	8.9	91.1	100.0	S	90.5	100.0	S	86.2	100.0	S	S
Industrial	100.0	18.8	81.2	100.0	16.5	83.5	100.0	18.2	79.5	100.0	S	S	100.0	S	S	100.0	S	S
Mechanical	100.0	4.4	95.6	100.0	4.1	95.9	100.0	5.0	95.0	100.0	S	90.0	100.0	S	100.0	100.0	S	S
Postsecondary teachers	100.0	7.3	92.7	100.0	8.0	92.0	100.0	4.3	95.7	100.0	S	89.8	100.0	S	92.7	100.0	S	100.0
Other	100.0	11.3	88.7	100.0	10.8	89.2	100.0	10.9	89.1	100.0	S	64.3	100.0	22.0	75.6	100.0	S	S
Non-S&E occupations	100.0	28.3	71.7	100.0	28.3	71.7	100.0	21.8	78.2	100.0	45.6	54.4	100.0	37.1	62.9	100.0	35.6	64.4
Arts, humanities, and related	100.0	47.3	52.7	100.0	45.5	54.7	100.0	87.0	S	100.0	S	77.8	100.0	77.8	S	100.0	S	S
Health related	100.0	35.6	64.3	100.0	35.5	64.5	100.0	32.5	67.9	100.0	48.3	51.7	100.0	43.3	56.7	100.0	S	S
Managers and administrators	100.0	20.4	79.6	100.0	20.3	79.7	100.0	14.3	85.8	100.0	41.5	58.1	100.0	25.5	74.5	100.0	30.0	70.0
Postsecondary teachers	100.0	52.4	47.6	100.0	51.7	48.4	100.0	48.3	51.7	100.0	67.0	33.0	100.0	56.9	43.1	100.0	75.0	S
Precollege teachers	100.0	40.7	59.3	100.0	41.8	58.2	100.0	47.8	52.2	100.0	24.2	75.8	100.0	42.9	57.1	100.0	S	S
Sales and marketing	100.0	21.5	78.6	100.0	21.3	78.9	100.0	16.5	84.5	100.0	40.0	66.7	100.0	35.7	57.1	100.0	S	S
Social services and related	100.0	43.0	57.0	100.0	44.1	56.3	100.0	S	78.6	100.0	40.9	54.5	100.0	S	S	100.0	S	S
Technologists and technicians	100.0	12.7	87.3	100.0	9.0	91.0	100.0	21.1	78.9	100.0	S	100.0	100.0	S	100.0	100.0	S	S
Other	100.0	27.7	72.3	100.0	27.0	72.8	100.0	23.3	76.7	100.0	56.5	43.5	100.0	38.9	61.1	100.0	S	S

S suppressed because fewer than 50 weighted cases.

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers are rounded to nearest 10. Details may not add to total because of rounding. Total includes "other race/ethnicity" not shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-9. Employed S&E doctorate holders, by occupation and disability status: 2001

Occupation	All doctorate holders		No disability		With disability	
	Number	Percent	Number	Percent	Number	Percent
All occupations	574,890	100.0	539,260	93.8	35,630	6.2
S&E occupations	427,740	100.0	402,340	94.1	25,400	5.9
Scientists	352,320	100.0	331,380	94.1	20,930	5.9
Computer and information scientists	34,660	100.0	33,000	95.2	1,670	4.8
Computer/information	28,300	100.0	27,180	96.0	1,130	4.0
Postsecondary teachers	6,360	100.0	5,820	91.5	540	8.5
Life and related scientists	107,850	100.0	102,050	94.6	5,800	5.4
Agricultural and food	8,780	100.0	8,070	91.9	710	8.1
Biological and medical	61,880	100.0	59,500	96.2	2,380	3.8
Environmental life	1,120	100.0	1,000	89.3	120	10.7
Postsecondary teachers	36,070	100.0	33,470	92.8	2,590	7.2
Mathematical scientists	21,900	100.0	20,580	94.0	1,320	6.0
Mathematicians	8,520	100.0	8,160	95.8	360	4.2
Postsecondary teachers	13,390	100.0	12,430	92.8	960	7.2
Physical and related scientists	73,840	100.0	69,940	94.7	3,900	5.3
Chemists (excluding biochemists)	24,220	100.0	23,100	95.4	1,120	4.6
Earth scientists, geologists, and oceanographers	8,910	100.0	8,490	95.3	430	4.8
Physicists and astronomers	13,960	100.0	13,310	95.3	650	4.7
Postsecondary teachers	25,620	100.0	23,970	93.6	1,650	6.4
Other	1,140	100.0	1,080	94.7	60	5.3
Psychologists	3,800	100.0	3,530	92.9	270	7.1
Postsecondary teachers	32,100	100.0	29,420	91.7	2,680	8.3
Psychologists	2,360	100.0	2,230	94.5	120	5.1
Social scientists	66,860	100.0	62,260	93.1	4,600	6.9
Economists	49,840	100.0	46,510	93.3	3,340	6.7
Political	17,020	100.0	15,750	92.5	1,270	7.5
Postsecondary teachers	1,430	100.0	1,220	85.3	210	14.7
Sociologists and anthropologists	47,200	100.0	43,550	92.3	3,660	7.8
Other	7,520	100.0	7,140	94.9	380	5.1
Engineers	75,420	100.0	70,960	94.1	4,470	5.9
Aerospace and related	4,280	100.0	3,990	93.2	290	6.8
Chemical	7,980	100.0	7,610	95.4	370	4.6
Civil	4,000	100.0	3,790	94.8	210	5.3
Electrical and related	16,110	100.0	15,420	95.7	700	4.3
Industrial	1,330	100.0	1,300	97.7	S	S
Mechanical	8,320	100.0	7,820	94.0	500	6.0
Postsecondary teachers	16,870	100.0	15,600	92.5	1,270	7.5
Other	16,530	100.0	15,430	93.3	1,100	6.7
Non-S&E occupations	147,150	100.0	136,920	93.0	10,230	7.0
Arts, humanities, and related	4,950	100.0	4,520	91.3	430	8.7
Health related	17,260	100.0	16,500	95.6	760	4.4
Managers and administrators	76,190	100.0	71,070	93.3	5,120	6.7
Non-S&E postsecondary teachers	18,800	100.0	17,000	90.4	1,790	9.5
Precollege teachers	4,540	100.0	4,340	95.6	200	4.4
Sales and marketing	6,600	100.0	6,240	94.5	370	5.6
Social services and related	2,700	100.0	2,490	92.2	210	7.8
Technologists and technicians	7,030	100.0	6,550	93.2	480	6.8
Other	9,090	100.0	8,220	90.4	870	9.6

S suppressed because fewer than 50 weighted cases

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers are rounded to nearest 10. Details may not add to total because of rounding. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-10. Employment status of S&E doctorate holders, by age, sex, race/ethnicity, and disability status: 2001

Age in years, sex, race/ethnicity, and disability status	Total	Employed			Not employed		Retired
		Full time	Part time	Postdoctoral appointment	Seeking employment	Not seeking employment	
All ages	656,550	507,250	45,770	21,870	7,570	15,040	59,050
Female	166,320	117,340	20,840	8,930	2,120	9,490	7,590
Male	490,230	389,910	24,920	12,940	5,460	5,540	51,460
White	526,600	399,990	40,610	14,350	5,550	12,080	54,020
Asian/Pacific Islander	95,120	79,050	2,750	5,960	1,600	2,240	3,500
Black	16,060	13,320	1,130	600	170	250	600
Hispanic	16,410	12,970	1,150	890	220	430	740
American Indian/Alaskan Native	2,060	1,690	100	50	S	S	150
No disability	606,990	476,760	41,180	21,320	6,850	13,070	47,810
With disability	49,560	30,490	4,590	550	720	1,970	11,240
29 and younger	4,810	3,190	140	1,300	S	150	S
Female	1,710	1,020	70	530	S	70	S
Male	3,100	2,180	80	780	S	80	S
White	3,620	2,310	70	1,090	S	130	S
Asian/Pacific Islander	900	690	70	140	S	S	S
Black	150	140	S	S	S	S	S
Hispanic	130	50	S	60	S	S	S
American Indian/Alaskan Native	S	S	S	S	S	S	S
No disability	4,710	3,110	140	1,280	S	150	S
With disability	100	80	S	S	S	S	S
30-39	135,950	107,240	6,200	16,790	1,100	4,590	S
Female	46,120	30,010	5,010	7,130	420	3,530	S
Male	89,830	77,230	1,190	9,660	690	1,060	S
White	91,840	71,480	5,200	11,030	640	3,460	S
Asian/Pacific Islander	35,770	29,110	620	4,760	350	940	S
Black	3,370	2,810	140	360	S	S	S
Hispanic	4,440	3,420	220	580	90	140	S
American Indian/Alaskan Native	380	320	S	S	S	S	S
No disability	133,540	105,410	6,080	16,470	1,080	4,460	S
With disability	2,410	1,830	130	310	S	130	S
40-49	185,940	167,210	9,470	3,150	1,800	4,020	280
Female	54,650	42,550	7,140	1,000	720	3,060	180
Male	131,290	124,670	2,330	2,150	1,080	960	100
White	142,970	128,330	8,040	1,820	1,290	3,250	240
Asian/Pacific Islander	31,520	28,970	660	900	410	540	S
Black	5,170	4,580	260	200	50	70	S
Hispanic	5,790	4,890	490	220	40	150	S
American Indian/Alaskan Native	450	390	S	S	S	S	S
No disability	176,910	159,430	8,910	2,960	1,710	3,660	240
With disability	9,030	7,780	560	190	90	360	S
50 and older	329,860	229,610	29,940	630	4,650	6,280	58,750
Female	63,840	43,770	8,620	270	960	2,830	7,390
Male	266,010	185,840	21,320	360	3,690	3,450	51,360
White	288,170	197,860	27,300	400	3,600	5,240	53,760
Asian/Pacific Islander	26,930	20,280	1,410	160	850	770	3,460
Black	7,370	5,790	720	S	90	130	600
Hispanic	6,060	4,610	450	S	90	130	740
American Indian/Alaskan Native	1,220	970	70	S	S	S	150
No disability	291,840	208,810	26,040	610	4,040	4,790	47,550
With disability	38,020	20,800	3,900	S	610	1,480	11,200

S suppressed because fewer than 50 weighted cases.

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Figures are rounded to nearest 10. Total includes "other race/ethnicity" not shown separately. Details may not add to total because of rounding. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-12. S&E doctorate holders who are unemployed or out of labor force, by reason for not working, sex, race/ethnicity, and disability status: 2001

Reason for not working	Race/ethnicity									
	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	No disability	With disability
	Number									
All not working	81,660	19,200	62,460	71,650	7,350	1,010	1,390	230	67,730	13,930
Chronic illness or permanent disability	4,650	1,730	2,920	4,040	370	120	100	S	2,100	2,540
Did not need/want to work	10,970	5,070	5,900	9,710	890	120	240	S	9,930	1,040
Family responsibilities	8,290	6,770	1,510	6,570	1,340	90	270	S	7,820	470
Laid off	3,540	900	2,640	2,650	770	70	S	S	3,240	300
Retired	60,420	7,730	52,690	55,080	3,730	630	800	150	49,050	11,370
Student	2,120	850	1,280	1,500	490	S	80	S	1,980	140
Suitable job not available	5,940	1,930	4,000	4,440	1,130	120	210	S	5,320	620
Other	2,340	880	1,470	1,770	400	100	50	S	2,130	220
	Percent									
Chronic illness or permanent disability	5.7	9.0	4.7	5.6	5.0	12.2	7.5	S	3.1	18.3
Did not need/want to work	13.4	26.4	9.4	13.5	12.1	12.3	17.5	S	14.7	7.4
Family responsibilities	10.1	35.3	2.4	9.2	18.2	8.7	19.6	S	11.5	3.4
Laid off	4.3	4.7	4.2	3.7	10.5	6.9	S	S	4.8	2.1
Retired	74.0	40.3	84.4	76.9	50.7	62.6	57.7	68.3	72.4	81.6
Student	2.6	4.4	2.0	2.1	6.7	S	5.9	S	2.9	1.0
Suitable job not available	7.3	10.1	6.4	6.2	15.3	12.1	14.8	S	7.8	4.5
Other	2.9	4.6	2.3	2.5	5.5	9.6	3.9	S	3.1	1.6

S suppressed because fewer than 50 weighted cases

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Figures are rounded to nearest 10. Details may not add to total because of rounding and because respondents could select more than one reason. Total includes "other race/ethnicity" not shown separately. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-13. Primary education/employment status and median salary of 1999 and 2000 S&E bachelor's degree recipients, by field, sex, race/ethnicity, and disability status: 2001

Field, sex, race/ethnicity, and disability status	All bachelor's degree recipients	Full-time student	Not full-time student			Median salary in dollars for full-time employed ^a
			Employed in S&E	Employed in non-S&E	Not employed	
All S&E fields	758,300	168,400	171,500	373,800	44,600	34,000
Sciences	649,000	154,500	94,700	358,400	41,400	31,000
Female	364,700	86,300	35,800	213,100	29,600	29,000
Male	284,300	68,200	58,900	145,400	11,800	35,000
White	479,600	115,100	71,100	266,200	27,200	30,000
Asian/Pacific Islander	61,900	15,200	10,400	29,500	6,800	36,000
Underrepresented minority	107,600	24,300	13,300	62,700	7,300	30,000
No disability	622,400	149,900	90,900	342,400	39,200	31,000
With disability	26,700	4,600	3,800	16,100	S	32,000
Computer/information sciences	61,500	S	35,600	19,500	4,400	51,000
Female	15,200	S	6,900	6,200	S	45,000
Male	46,300	S	28,700	13,300	S	52,000
White	39,400	S	23,900	11,100	S	53,000
Asian/Pacific Islander	10,100	S	5,900	S	S	50,000
Underrepresented minority	12,000	S	5,700	5,300	S	45,000
No disability	58,100	S	34,000	18,100	4,000	51,000
With disability	3,500	S	S	S	S	S
Life and related sciences	159,400	52,900	17,800	81,600	7,100	29,000
Female	86,500	25,500	8,600	47,100	5,400	27,000
Male	72,800	27,400	9,300	34,500	S	31,000
White	121,100	39,800	14,800	62,100	4,400	29,000
Asian/Pacific Islander	17,700	6,900	S	8,400	S	31,000
Underrepresented minority	20,700	6,200	2,100	11,100	1,300	29,000
No disability	155,500	52,100	17,300	79,300	6,800	29,000
With disability	3,900	S	S	S	S	27,000
Mathematics	24,400	4,300	3,800	14,600	S	33,000
Female	12,600	S	1,800	8,300	S	30,000
Male	11,700	3,100	1,900	6,200	S	35,000
White	18,900	3,100	3,000	11,600	S	33,000
Asian/Pacific Islander	2,000	S	S	S	S	S
Underrepresented minority	3,400	S	S	2,000	S	33,000
No disability	23,100	4,100	3,500	13,700	S	33,000
With disability	S	S	S	S	S	S
Physical and related sciences	32,200	10,100	10,600	9,900	1,600	34,000
Female	12,300	3,700	4,000	3,800	800	32,000
Male	19,900	6,400	6,500	6,100	800	35,000
White	25,800	7,800	8,900	8,000	1,200	34,000
Asian/Pacific Islander	2,500	S	S	S	S	36,000
Underrepresented minority	3,900	1,500	1,000	1,200	S	30,000
No disability	31,100	9,700	10,000	9,800	1,600	34,000
With disability	1,100	S	S	S	S	S
Psychology	152,900	41,000	11,100	91,200	9,600	28,000
Female	118,000	32,200	8,000	69,800	8,000	27,000
Male	34,900	8,800	S	21,400	S	30,000
White	114,400	30,900	7,800	69,900	5,800	27,000
Asian/Pacific Islander	10,100	S	S	S	S	S
Underrepresented minority	28,400	7,300	2,100	17,300	S	28,000

TABLE H-13. Primary education/employment status and median salary of 1999 and 2000 S&E bachelor's degree recipients, by field, sex, race/ethnicity, and disability status: 2001

Field, sex, race/ethnicity, and disability status	All bachelor's degree recipients	Full-time student	Not full-time student			Median salary in dollars for full-time employed ^a
			Employed in S&E	Employed in non-S&E	Not employed	
No disability	146,000	39,900	10,700	86,000	9,300	27,000
With disability	6,900	S	S	5,200	S	30,000
Social and related sciences	218,700	44,200	15,900	141,700	17,000	30,000
Female	120,100	23,300	6,500	77,900	12,400	30,000
Male	98,600	20,800	9,400	63,800	4,500	32,000
White	160,000	31,700	12,700	103,500	12,100	30,000
Asian/Pacific Islander	19,500	4,000	S	12,400	S	35,000
Underrepresented minority	39,200	8,500	1,700	25,800	3,200	30,000
No disability	208,600	42,100	15,200	135,400	15,900	30,000
With disability	10,100	S	S	6,300	S	30,000
Engineering	109,200	13,800	76,800	15,300	3,300	49,000
Female	22,800	3,200	14,800	3,600	1,200	46,000
Male	86,500	10,600	62,000	11,800	2,100	49,000
White	77,300	9,400	55,700	10,500	1,800	48,000
Asian/Pacific Islander	16,700	2,800	10,800	2,100	S	51,000
Underrepresented minority	15,300	1,700	10,400	2,800	S	50,000
No disability	105,600	13,500	74,200	14,800	3,200	49,000
With disability	3,600	S	2,600	S	S	50,000

S suppressed data with weighted cases less than 100 or unweighted sample sizes less than 20 for reasons of respondent confidentiality or data reliability.

^aSalary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal jobs. Full-time students are excluded from salary data.

NOTES: Figures are rounded to nearest 100, and median salaries are rounded to nearest 1,000. Details may not add to totals because of rounding. The underrepresented minority category includes black, Hispanic, and American Indian/Alaskan Native. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, National Survey of Recent College Graduates, 2001.

TABLE H-14. Primary education/employment status and median salary of 1999 and 2000 S&E master's degree recipients, by field, sex, race/ethnicity, and disability status: 2001

Page 1 of 2

Field, sex, race/ethnicity, and disability status	All recipients	Full-time student	Not full-time student			Median salary in dollars for full-time employed ^a
			Employed in S&E	Employed in non-S&E	Not employed	
All S&E	160,100	29,500	77,300	45,900	7,400	50,000
Sciences	115,300	23,900	44,100	41,400	5,800	45,000
Female	63,100	11,800	20,400	26,700	4,200	40,000
Male	52,200	12,200	23,700	14,700	1,600	53,000
White	76,200	16,300	25,500	30,100	4,400	40,000
Asian/Pacific Islander	24,500	4,700	14,000	4,900	S	60,000
Underrepresented minority	14,600	3,000	4,600	6,400	S	40,000
No disability	110,100	23,400	41,800	39,600	5,300	45,000
With disability	5,200	S	2,300	1,800	S	43,000
Computer/information sciences	24,300	1,600	17,100	4,400	S	65,000
Male	16,900	S	12,400	2,600	S	70,000
Female	7,400	S	4,700	1,800	S	60,000
White	8,400	S	4,900	2,100	S	68,000
Asian/Pacific Islander	14,200	S	11,000	2,100	S	65,000
Underrepresented minority	1,700	S	1,300	S	S	75,000
No disability	22,800	S	16,000	4,300	S	65,000
With disability	S	S	S	S	S	S
Life and related sciences	16,200	4,700	5,900	5,000	S	38,000
Male	7,600	2,600	2,300	2,400	S	38,000
Female	8,600	2,100	3,500	2,600	S	37,000
White	12,100	3,100	4,300	4,100	S	37,000
Asian/Pacific Islander	2,400	S	S	S	S	S
Underrepresented minority	1,700	S	600	600	S	33,000
No disability	16,000	4,700	5,800	4,900	S	37,000
With disability	S	S	S	S	S	S
Mathematical and related sciences	6,200	1,600	2,500	2,000	S	45,000
Male	3,700	1,000	1,600	1,000	S	50,000
Female	2,500	S	1,000	1,000	S	42,000
White	4,000	1,000	1,600	1,300	S	45,000
Asian/Pacific Islander	1,400	S	S	S	S	45,000
Underrepresented minority	800	S	S	S	S	40,000
No disability	6,000	1,500	2,400	1,900	S	45,000
With disability	S	S	S	S	S	S
Physical and related sciences	8,600	3,200	3,900	1,100	S	45,000
Male	5,700	2,300	2,600	600	S	48,000
Female	2,900	900	1,300	S	S	42,000
White	5,900	2,100	2,800	700	S	45,000
Asian/Pacific Islander	2,000	900	S	S	S	50,000
Underrepresented minority	700	S	400	S	S	38,000
No disability	8,300	3,100	3,700	1,100	S	45,000
With disability	S	S	S	S	S	S
Psychology	33,000	5,800	9,100	16,100	2,000	35,000
Male	7,100	S	2,200	3,100	S	36,000
Female	25,900	4,300	6,800	13,000	S	34,000
White	26,300	4,300	7,500	12,800	S	35,000
Asian/Pacific Islander	S	S	S	S	S	S
Underrepresented minority	5,300	1,000	1,300	2,700	S	36,000
No disability	31,100	5,800	8,500	15,100	S	35,000
With disability	1,900	S	S	S	S	S
Social and related sciences	27,100	7,100	5,600	12,800	1,500	43,000
Male	11,300	3,300	2,600	4,900	S	44,000
Female	15,800	3,800	3,000	7,900	S	40,000

TABLE H-14. Primary education/employment status and median salary of 1999 and 2000 S&E master's degree recipients, by field, sex, race/ethnicity, and disability status: 2001

Page 2 of 2

Field, sex, race/ethnicity, and disability status	All recipients	Full-time student	Not full-time student			Median salary in dollars for full-time employed ^a
			Employed in S&E	Employed in non-S&E	Not employed	
White	19,500	4,800	4,300	9,100	S	42,000
Asian/Pacific Islander	3,100	S	S	S	S	48,000
Underrepresented minority	4,400	1,000	700	2,600	S	42,000
No disability	25,900	6,900	5,400	12,300	1,400	43,000
With disability	S	S	S	S	S	S
Engineering	44,800	5,600	33,200	4,500	1,500	60,000
Female	9,300	800	6,900	1,200	S	60,000
Male	35,400	4,800	26,300	3,300	1,100	60,000
White	23,900	2,700	17,800	2,800	S	60,000
Asian/Pacific Islander	15,600	2,100	11,800	1,000	S	60,000
Underrepresented minority	5,200	800	3,600	700	S	59,000
No disability	43,300	5,300	32,200	4,400	1,500	60,000
With disability	1,400	S	1,000	S	S	59,000

S suppressed data for weighted cases less than 100 or unweighted sample sizes less than 20 for respondent confidentiality and/or data reliability.

^a Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal jobs. Full-time students are excluded from salary data.

NOTES: Figures are rounded to nearest 100 and median salaries to nearest 1,000. Details may not add to total because of rounding. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability." Underrepresented minority includes black, Hispanic, and American Indian/Alaskan Native.

SOURCE: National Science Foundation, Division of Science Resources Statistics, National Survey of Recent College Graduates, 2001.

TABLE H-15. Employment status and median salary of 1999 and 2000 S&E doctoral degree recipients, by broad field of doctorate, sex, race/ethnicity, and disability status: 2001

Page 2 of 3

Field, sex, race/ethnicity, and disability status	All recipients	Employed			Not employed		Median salary in dollars for full-time employed ^a	
		Total	Full time	Part time	Postdoc appointment	Seeking work		Not seeking work
Mathematical sciences	1,470	1,450	930	80	440	S	S	45,000
Female	430	410	260	60	80	S	S	43,000
Male	1,040	1,040	670	S	350	S	S	45,000
White	1,020	1,000	560	60	380	S	S	42,000
Asian/Pacific Islander	390	380	310	S	S	S	S	60,000
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
American Indian/Alaskan Native	S	S	S	S	S	S	S	S
No disability	1,400	1,380	880	80	410	S	S	45,000
With disability	70	70	S	S	S	S	S	S
Physical and related sciences	5,570	5,380	3,320	100	1,960	S	160	50,000
Female	1,260	1,100	650	70	380	S	160	47,000
Male	4,310	4,280	2,680	S	1,580	S	S	50,000
White	3,720	3,630	2,170	S	1,420	S	90	48,000
Asian/Pacific Islander	1,440	1,340	840	S	470	S	70	56,000
Black	150	150	130	S	S	S	S	S
Hispanic	250	240	160	S	S	S	S	70,000
American Indian/Alaskan Native	S	S	S	S	S	S	S	S
No disability	5,540	5,350	3,290	100	1,960	S	160	50,000
With disability	S	S	S	S	S	S	S	S
Psychology	5,040	4,840	3,440	360	1,030	S	150	45,000
Female	3,480	3,290	2,220	320	760	S	140	42,000
Male	1,560	1,550	1,230	S	280	S	S	45,000
White	4,100	3,950	2,890	250	810	S	100	44,000
Asian/Pacific Islander	290	270	160	S	70	S	S	45,000
Black	300	300	170	S	80	S	S	40,000
Hispanic	300	270	190	S	70	S	S	45,000
American Indian/Alaskan Native	S	50	S	S	S	S	S	S
No disability	4,900	4,710	3,400	340	980	S	140	45,000
With disability	140	130	S	S	S	S	S	S
Social sciences	4,740	4,540	3,660	530	350	60	140	48,000
Female	2,120	2,030	1,530	310	190	S	70	46,000
Male	2,620	2,520	2,130	230	160	S	70	51,000
White	3,420	3,240	2,610	420	210	S	130	47,000
Asian/Pacific Islander	610	610	540	S	S	S	S	62,000
Black	410	400	260	S	90	S	S	47,000
Hispanic	210	210	170	S	S	S	S	S
American Indian/Alaskan Native	S	50	S	S	S	S	S	S
No disability	4,520	4,330	3,500	520	320	60	140	50,000
With disability	210	210	160	S	S	S	S	S

TABLE H-15. Employment status and median salary of 1999 and 2000 S&E doctoral degree recipients, by broad field of doctorate, sex, race/ethnicity, and disability status: 2001

Page 3 of 3

Field, sex, race/ethnicity, and disability status	All recipients	Employed			Not employed		Median salary in dollars for full-time employed ^a	
		Total	Full time	Part time	Postdoc appointment	Seeking work		Not seeking work
Engineering	7,080	6,870	5,980	100	780	100	110	72,000
Female	1,190	1,120	880	S	190	S	60	69,000
Male	5,890	5,750	5,110	S	590	100	S	73,000
White	3,610	3,460	2,950	S	460	80	60	71,000
Asian/Pacific Islander	2,980	2,910	2,590	S	290	S	S	75,000
Black	240	240	210	S	S	S	S	63,000
Hispanic	240	240	210	S	S	S	S	76,000
American Indian/Alaskan Native	S	S	S	S	S	S	S	S
No disability	6,960	6,750	5,880	90	780	100	110	72,000
With disability	120	120	110	S	S	S	S	S

S suppressed data with weighted cases less than 50 or fewer than 5 respondents and with weighted cases less than 200 for salary data.

^a Salary data for those whose principal job was less than 35 hours per week are not included. Salary data are for principal job only.

NOTES: Figures are rounded to nearest 10 and median salaries to nearest 1,000. Details may not add to totals because of rounding. Total includes "other race/ethnicity" not shown separately. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-16. Median annual salary of S&E doctorate holders employed full time, by broad occupation, age group, and sex: 2001
(Dollars)

Occupation and age in years	Total	Female	Male
All occupations	77,000	62,000	81,000
29 and younger	52,000	46,000	58,000
30-39	65,000	52,300	70,000
40-49	76,000	65,000	80,000
50 and older	85,000	70,000	90,000
S&E occupations	75,000	60,000	78,000
29 and younger	50,000	45,500	56,000
30-39	63,000	51,000	68,100
40-49	74,000	63,000	77,600
50 and older	82,000	69,000	85,000
Scientists	70,000	60,000	75,000
29 and younger	44,000	40,000	45,000
30-39	56,600	50,000	61,700
40-49	70,000	62,000	73,000
50 and older	80,000	68,000	81,000
Computer and mathematical scientists	80,000	72,500	83,000
29 and younger	62,000	65,000	61,100
30-39	79,000	72,000	80,000
40-49	82,000	73,000	85,000
50 and older	84,000	75,000	85,000
Life and related scientists	67,000	58,000	70,000
29 and younger	32,000	32,000	31,000
30-39	48,000	43,000	52,000
40-49	68,300	64,000	70,000
50 and older	80,000	72,000	83,000
Physical and related scientists	77,000	62,600	80,000
29 and younger	48,000	S	45,000
30-39	61,000	54,000	64,000
40-49	77,000	70,000	78,000
50 and older	88,000	70,000	89,000
Social and related scientists	64,000	57,000	69,000
29 and younger	45,500	44,000	54,000
30-39	51,000	50,000	54,000
40-49	61,000	57,000	65,000
50 and older	72,000	63,400	75,000
Engineers	88,000	80,000	89,000
29 and younger	72,000	72,000	72,000
30-39	80,000	79,000	80,000
40-49	89,000	85,000	89,000
50 and older	100,000	84,000	100,000
Non-S&E occupations	90,200	69,000	100,000
29 and younger	63,000	S	65,000
30-39	75,000	60,000	81,000
40-49	92,000	70,000	102,000
50 and older	96,100	71,500	104,000

S suppressed because fewer than 200 weighted cases

NOTES: Salaries rounded to nearest 100. Table limited to those who earned a doctorate in an S&E field from a U.S. institution.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-17. Median annual salary of S&E doctorate holders employed full time, by sex, broad occupation, age, and race/ethnicity: 2001

(Dollars)

Page 1 of 3

Sex, occupation, age in years, and race/ethnicity	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Other
Both sexes							
All occupations	77,000	77,000	80,000	67,000	69,000	64,000	45,000
29 and younger	52,000	48,000	75,000	S	S	S	S
30-39	65,000	60,000	73,500	60,000	58,000	58,500	S
40-49	76,000	76,000	80,000	61,000	67,000	61,000	S
50 and older	85,000	85,000	89,000	75,000	80,000	73,000	S
S&E occupations	75,000	75,000	77,600	63,000	67,500	63,000	46,000
29 and younger	50,000	47,000	72,000	S	S	S	S
30-39	63,000	60,000	72,000	58,000	58,000	58,500	S
40-49	74,000	74,000	80,000	59,600	65,400	56,000	S
50 and older	82,000	82,300	85,000	75,000	80,000	73,000	S
Scientists	70,000	70,000	71,500	61,000	65,000	60,000	S
29 and younger	44,000	43,900	62,000	S	S	S	S
30-39	56,600	54,000	76,000	52,000	55,000	58,500	S
40-49	70,000	70,000	72,500	57,000	63,500	51,000	S
50 and older	80,000	80,000	80,000	73,000	78,000	65,000	S
Computer and mathematical scientists	80,000	80,000	85,000	70,000	78,000	S	S
29 and younger	62,000	50,000	80,000	S	S	S	S
30-39	79,000	72,000	84,000	73,000	75,800	S	S
40-49	82,000	80,000	85,000	72,000	90,000	S	S
50 and older	84,000	85,000	83,200	67,000	70,000	S	S
Life and related scientists	67,000	69,500	60,000	60,000	57,000	62,400	S
29 and younger	32,000	31,500	S	S	S	S	S
30-39	48,000	48,000	50,000	48,500	45,000	S	S
40-49	68,300	70,000	63,000	60,000	57,000	S	S
50 and older	80,000	80,000	77,200	73,000	87,000	S	S
Physical and related scientists	77,000	78,300	74,000	67,500	74,000	55,400	S
29 and younger	48,000	48,000	S	S	S	S	S
30-39	61,000	60,000	67,400	63,000	70,000	S	S
40-49	77,000	78,000	75,000	45,000	72,000	S	S
50 and older	88,000	89,000	83,000	73,000	86,000	S	S
Social and related scientists	64,000	65,000	59,000	59,000	59,200	58,400	S
29 and younger	45,500	46,000	S	S	S	S	S
30-39	51,000	50,400	55,000	51,300	53,000	S	S
40-49	61,000	62,000	59,000	55,000	58,000	S	S
50 and older	72,000	71,900	71,000	76,000	73,000	64,000	S
Engineers	88,000	90,000	87,000	80,000	78,000	S	S
29 and younger	72,000	71,000	75,000	S	S	S	S
30-39	80,000	78,000	84,000	80,000	74,000	S	S
40-49	89,000	90,000	89,500	71,900	75,000	S	S
50 and older	100,000	100,000	93,000	85,000	85,800	S	S
Non-S&E occupations	90,200	92,000	95,000	70,000	76,200	64,000	S
29 and younger	63,000	55,000	S	S	S	S	S
30-39	75,000	72,000	90,000	60,000	65,000	S	S
40-49	92,000	93,000	96,000	70,000	77,300	S	S
50 and older	96,100	98,000	100,000	74,000	82,000	98,000	S
Female							
All occupations	62,000	62,000	65,000	60,000	55,000	64,000	S
29 and younger	46,000	46,000	70,000	S	S	S	S

TABLE H-17. Median annual salary of S&E doctorate holders employed full time, by sex, broad occupation, age, and race/ethnicity: 2001

(Dollars)

Page 2 of 3

Sex, occupation, age in years, and race/ethnicity	Total	White	Asian/ Islander	Black	Hispanic	American Indian/ Alaskan Native	Other
30-39	52,300	50,800	60,000	51,300	50,000	S	S
40-49	65,000	64,800	70,000	59,000	58,000	S	S
50 and older	70,000	70,000	73,300	71,000	56,800	72,000	S
S&E occupations	60,000	60,000	65,000	56,000	54,000	65,000	S
29 and younger	45,500	44,000	70,000	S	S	S	S
30-39	51,000	50,000	60,000	51,300	50,000	S	S
40-49	63,000	62,500	70,000	53,200	57,000	S	S
50 and older	69,000	69,400	72,000	72,100	56,000	S	S
Scientists	60,000	60,000	62,000	54,000	54,000	65,000	S
29 and younger	40,000	40,000	60,000	36,300	30,000	S	S
30-39	50,000	48,500	56,000	48,000	47,100	S	S
40-49	62,000	60,500	70,000	53,200	57,000	S	S
50 and older	68,000	68,000	70,000	72,000	56,000	S	S
Computer and mathematical scientists	72,500	70,000	79,000	71,000	S	S	S
29 and younger	65,000	S	S	S	S	S	S
30-39	72,000	65,000	80,000	S	S	S	S
40-49	73,000	75,000	72,000	S	S	S	S
50 and older	75,000	75,000	74,600	S	S	S	S
Life and related scientists	58,000	60,000	56,000	55,000	50,000	S	S
29 and younger	32,000	32,000	S	S	S	S	S
30-39	43,000	42,400	45,000	39,900	42,000	S	S
40-49	64,000	64,000	65,000	59,000	57,000	S	S
50 and older	72,000	72,000	65,000	S	S	S	S
Physical and related scientists	62,600	60,000	69,500	S	57,900	S	S
29 and younger	S	S	S	S	S	S	S
30-39	54,000	52,500	59,000	S	S	S	S
40-49	70,000	67,400	74,000	S	S	S	S
50 and older	70,000	70,000	75,000	S	S	S	S
Social and related scientists	57,000	58,000	52,400	52,000	55,000	S	S
29 and younger	44,000	44,000	S	S	S	S	S
30-39	50,000	50,000	50,000	50,000	52,500	S	S
40-49	57,000	58,000	54,000	50,000	57,000	S	S
50 and older	63,400	64,000	S	70,000	56,000	S	S
Engineers	80,000	80,000	77,500	S	S	S	S
29 and younger	72,000	S	S	S	S	S	S
30-39	79,000	79,800	75,000	S	S	S	S
40-49	85,000	85,000	87,000	S	S	S	S
50 and older	84,000	87,000	S	S	S	S	S
Non-S&E occupations	69,000	70,000	70,000	62,800	65,000	S	S
29 and younger	S	S	S	S	S	S	S
30-39	60,000	60,000	63,000	58,000	54,000	S	S
40-49	70,000	70,000	75,000	64,000	77,300	S	S
50 and older	71,500	72,000	74,000	69,000	65,000	S	S
Male							
All occupations	81,000	82,000	82,000	70,000	75,000	63,000	S
29 and younger	58,000	50,000	76,000	S	S	S	S
30-39	70,000	67,000	78,000	63,000	68,000	58,500	S
40-49	80,000	80,000	83,000	66,000	71,500	60,000	S

TABLE H-17. Median annual salary of S&E doctorate holders employed full time, by sex, broad occupation, age, and race/ethnicity: 2001

(Dollars)

Page 3 of 3

Sex, occupation, age in years, and race/ethnicity	Total	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Other
50 and older	90,000	90,000	90,000	76,100	86,000	73,000	S
S&E occupations	78,000	78,000	80,000	68,000	73,000	62,000	S
29 and younger	56,000	48,000	74,000	S	S	S	S
30-39	68,100	65,000	75,000	62,500	67,000	58,500	S
40-49	77,600	77,000	80,000	60,000	70,900	S	S
50 and older	85,000	85,000	86,000	75,000	83,000	73,000	S
Scientists	75,000	75,000	75,000	64,900	70,200	S	S
29 and younger	45,000	44,500	62,000	S	S	S	S
30-39	61,700	59,000	70,000	60,000	58,000	S	S
40-49	73,000	74,000	75,000	59,000	67,000	S	S
50 and older	81,000	82,000	80,000	75,000	83,000	64,000	S
Computer and mathematical scientists	83,000	82,100	85,000	70,000	80,500	S	S
29 and younger	61,100	50,000	S	S	S	S	S
30-39	80,000	75,000	84,000	S	81,000	S	S
40-49	85,000	82,100	88,000	75,500	90,000	S	S
50 and older	85,000	85,000	85,000	67,000	70,000	S	S
Life and related scientists	70,000	72,000	62,000	62,000	65,000	60,000	S
29 and younger	31,000	30,500	S	S	S	S	S
30-39	52,000	51,000	54,500	50,000	55,000	S	S
40-49	70,000	71,000	61,200	60,000	60,000	S	S
50 and older	83,000	83,100	78,000	72,000	97,000	S	S
Physical and related scientists	80,000	80,000	75,400	68,100	75,000	55,400	S
29 and younger	45,000	45,000	S	S	S	S	S
30-39	64,000	61,500	70,000	64,900	70,200	S	S
40-49	78,000	80,000	76,000	45,000	75,000	S	S
50 and older	89,000	90,000	84,000	73,000	86,000	S	S
Social and related scientists	69,000	70,000	63,000	62,000	65,000	58,400	S
29 and younger	54,000	54,000	S	S	S	S	S
30-39	54,000	53,000	61,500	55,000	53,000	S	S
40-49	65,000	67,000	62,000	59,000	60,000	S	S
50 and older	75,000	75,000	74,000	78,200	80,000	60,000	S
Engineers	89,000	90,000	88,000	80,000	76,000	S	S
29 and younger	72,000	71,500	S	S	S	S	S
30-39	80,000	78,000	84,000	80,000	72,000	S	S
40-49	89,000	90,000	89,500	71,900	75,000	S	S
50 and older	100,000	100,000	95,000	86,000	85,800	S	S
Non-S&E occupations	100,000	100,000	100,000	79,000	85,000	75,900	S
29 and younger	65,000	52,000	S	S	S	S	S
30-39	81,000	78,400	95,000	70,000	75,000	S	S
40-49	102,000	103,000	100,000	80,000	82,000	S	S
50 and older	104,000	105,000	101,000	77,000	105,000	S	S

S suppressed because fewer than 200 weighted cases

NOTES: Salaries rounded to nearest 100. Table limited to those who earned a doctorate in an S&E field from a U.S. institution.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-18. Median annual salary of S&E doctorate holders employed full time, by broad occupation, age, and disability status: 2001
(Dollars)

Occupation and age in years	All doctorate		
	holders	No disability	With disability
All occupations	77,000	77,000	78,000
29 and younger	52,000	52,000	S
30-39	65,000	65,000	60,000
40-49	76,000	77,000	72,000
50 and older	85,000	85,000	81,000
S&E occupations	75,000	75,000	75,600
29 and younger	50,000	50,000	S
30-39	63,000	63,000	57,000
40-49	74,000	74,300	70,000
50 and older	82,000	82,500	80,000
Scientists	70,000	70,000	72,000
29 and younger	44,000	43,900	S
30-39	56,600	56,700	55,900
40-49	70,000	70,000	67,000
50 and older	80,000	80,000	78,000
Computer and mathematical scientists	80,000	80,700	80,000
29 and younger	62,000	62,000	S
30-39	79,000	79,000	70,000
40-49	82,000	82,200	73,800
50 and older	84,000	84,000	84,000
Life and related scientists	67,000	67,000	70,000
29 and younger	32,000	32,000	S
30-39	48,000	48,000	47,000
40-49	68,300	68,000	70,000
50 and older	80,000	80,000	74,000
Physical and related scientists	77,000	76,200	83,000
29 and younger	48,000	48,000	S
30-39	61,000	61,000	S
40-49	77,000	77,000	80,000
50 and older	88,000	88,400	85,000
Social and related scientists	64,000	63,000	67,000
29 and younger	45,500	45,000	S
30-39	51,000	51,000	45,500
40-49	61,000	62,000	58,600
50 and older	72,000	71,000	74,000
Engineers	88,000	88,000	92,000
29 and younger	72,000	72,000	S
30-39	80,000	80,000	72,000
40-49	89,000	89,000	85,000
50 and older	100,000	100,000	100,000
Non-S&E occupations	90,200	91,100	84,000
29 and younger	63,000	63,000	S
30-39	75,000	75,000	74,000
40-49	92,000	92,000	86,000
50 and older	96,100	98,000	84,000

S suppressed because fewer than 200 weighted cases

NOTES: Salaries rounded to nearest 100. Table limited to those who earned a doctorate in an S&E field from a U.S. institution. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-19. Employed S&E doctorate holders, by sector of employment, broad occupation, sex, race/ethnicity, and disability status: 2001

Page 1 of 2

Sector and occupation	Total	Sex		Race/ethnicity					Disability status	
				White	Asian/ Pacific Islander	Black	Hispanic	American	No disability	With disability
		Indian/ Alaskan Native								
All sectors	574,890	147,110	427,770	454,940	87,770	15,050	15,020	1,840	539,260	35,630
S&E occupations	427,740	105,400	322,330	334,210	70,010	9,980	11,920	1,390	402,340	25,400
Scientists	352,320	99,320	252,990	283,850	48,130	8,780	10,140	1,230	331,380	20,930
Computer and information scientists	34,660	4,720	29,950	21,950	11,340	600	710	S	33,000	1,670
Mathematicians	21,900	4,460	17,450	16,880	3,810	540	610	S	20,580	1,320
Life and related scientists	107,850	32,210	75,640	85,150	17,240	2,150	3,000	280	102,050	5,800
Physical and related scientists	73,840	10,280	63,560	59,870	10,660	1,190	1,840	240	69,940	3,900
Psychologists	66,860	33,280	33,590	60,450	1,480	2,280	2,260	370	62,260	4,600
Social scientists	47,200	14,380	32,820	39,560	3,600	2,020	1,710	250	43,550	3,660
Engineers	75,420	6,080	69,340	50,360	21,880	1,200	1,780	160	70,960	4,470
Non-S&E occupations	147,150	41,710	105,440	120,730	17,760	5,070	3,100	450	136,920	10,230
Business or industry	198,370	35,260	163,100	141,100	49,170	3,480	4,090	450	187,950	10,420
S&E occupations	136,010	24,000	112,000	92,750	37,570	2,240	3,070	330	129,290	6,720
Scientists	92,720	20,580	72,130	66,980	21,530	1,700	2,210	270	88,160	4,560
Computer and information scientists	23,160	3,110	20,050	13,250	9,020	370	470	S	22,230	930
Life and related scientists	23,190	6,310	16,890	16,960	5,040	440	650	110	22,220	980
Mathematicians	3,820	790	3,030	2,350	1,240	140	80	S	3,660	160
Physical and related scientists	25,940	3,410	22,530	19,520	5,580	360	430	S	24,530	1,410
Psychologists	12,440	5,900	6,540	11,560	200	320	280	80	11,620	810
Social scientists	4,160	1,070	3,100	3,330	450	80	300	S	3,900	260
Engineers	43,290	3,420	39,870	25,770	16,040	540	860	60	41,130	2,160
Non-S&E occupations	62,360	11,260	51,100	48,350	11,600	1,240	1,020	120	58,660	3,700
Federal Government	38,050	8,220	29,830	31,940	4,180	970	810	130	36,060	1,990
S&E occupations	29,860	6,140	23,720	24,840	3,660	550	690	S	28,430	1,430
Scientists	24,990	5,740	19,250	20,920	2,880	490	580	S	23,740	1,250
Computer and information scientists	1,080	150	930	830	210	S	S	S	1,050	S
Life and related scientists	9,390	2,780	6,610	7,680	1,300	210	160	S	8,770	620
Mathematicians	1,490	320	1,170	1,150	270	S	S	S	1,360	130
Physical and related scientists	7,880	860	7,020	6,720	830	90	210	S	7,580	300
Psychologists	1,970	720	1,250	1,790	S	S	100	S	1,910	60
Social scientists	3,190	910	2,280	2,750	270	120	60	S	3,080	110
Engineers	4,870	400	4,470	3,920	780	60	110	S	4,690	180
Non-S&E occupations	8,190	2,080	6,110	7,100	520	420	120	S	7,630	560
Nonprofit	28,430	10,310	18,120	24,420	2,690	530	650	130	26,910	1,520
S&E occupations	18,140	6,190	11,950	15,370	2,000	170	490	100	17,220	920
Scientists	16,040	5,930	10,100	13,860	1,530	70	400	80	15,430	610
Computer and information scientists	870	80	790	610	220	S	S	S	840	S
Life and related scientists	4,110	1,410	2,700	3,540	460	S	70	S	4,020	80
Mathematicians	820	220	600	680	100	S	S	S	780	S
Physical and related scientists	2,580	350	2,230	2,230	320	S	S	S	2,460	120
Psychologists	5,920	3,030	2,880	5,280	230	70	260	80	5,630	280
Social scientists	1,750	840	910	1,510	190	S	S	S	1,700	S
Engineers	2,100	260	1,850	1,510	470	S	90	S	1,790	310
Non-S&E occupations	10,290	4,120	6,170	9,050	690	360	160	S	9,690	600
Self-employed	30,420	11,920	18,500	28,000	1,300	420	600	90	28,240	2,180
S&E occupations	21,550	9,440	12,110	20,080	660	300	420	90	19,980	1,570
Scientists	19,630	9,340	10,300	18,390	480	260	310	60	18,160	1,470
Computer and information scientists	790	160	630	660	100	S	S	S	760	S
Life and related scientists	1,620	430	1,190	1,450	100	S	S	S	1,480	130
Mathematicians	280	130	150	270	S	S	S	S	280	S

TABLE H-19. Employed S&E doctorate holders, by sector of employment, broad occupation, sex, race/ethnicity, and disability status: 2001

Sector and occupation	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	No	With
									disability	disability
Physical and related scientists	1,130	S	1,110	1,010	120	S	S	S	1,030	90
Psychologists	14,800	8,220	6,580	14,020	140	260	310	60	13,630	1,160
Social scientists	1,020	390	640	980	S	S	S	S	970	S
Engineers	1,920	100	1,810	1,690	180	S	S	S	1,820	100
Non-S&E occupations	8,870	2,480	6,390	7,920	640	120	180	S	8,260	610
State/local government	16,580	4,560	12,020	13,750	1,680	620	440	90	15,670	920
S&E occupations	10,770	2,980	7,790	8,980	1,040	370	350	30	10,300	480
Scientists	9,710	2,830	6,880	8,290	730	280	280	S	9,300	410
Computer and information scientists	380	140	240	200	150	S	S	S	360	S
Life and related scientists	1,960	500	1,460	1,780	110	S	S	S	1,930	S
Mathematicians	240	S	190	210	S	S	S	S	240	S
Physical and related scientists	1,670	160	1,510	1,330	190	S	140	S	1,630	S
Psychologists	4,470	1,720	2,750	3,990	110	220	140	S	4,200	280
Social scientists	990	260	730	780	130	60	S	S	940	S
Engineers	1,060	150	910	690	310	S	S	S	1,000	70
Non-S&E occupations	5,810	1,580	4,230	4,770	640	250	90	60	5,370	440
Universities and 4-year colleges	245,060	69,520	175,530	200,490	27,730	8,000	7,830	840	227,780	17,280
S&E occupations	200,390	52,570	147,810	162,700	24,300	5,950	6,580	700	186,920	13,470
Scientists	178,460	50,860	127,590	146,090	20,280	5,420	5,910	620	166,630	11,820
Computer and information scientists	8,080	1,030	7,060	6,190	1,550	170	170	S	7,530	560
Life and related scientists	65,400	20,080	45,320	51,770	10,080	1,410	2,040	100	61,600	3,810
Mathematicians	14,410	2,750	11,660	11,510	2,030	330	500	S	13,490	910
Physical and related scientists	32,190	5,110	27,090	26,960	3,440	620	970	160	30,410	1,790
Psychologists	23,510	11,490	12,020	20,530	700	1,210	970	80	21,810	1,710
Social scientists	34,850	10,410	24,450	29,140	2,470	1,670	1,260	240	31,800	3,050
Engineers	21,930	1,710	20,220	16,610	4,020	530	670	80	20,290	1,650
Non-S&E occupations	44,670	16,950	27,720	37,790	3,430	2,050	1,250	140	40,860	3,810
Other educational institutions	17,980	7,320	10,660	15,250	1,020	1,030	600	90	16,650	1,330
S&E occupations	11,020	4,090	6,940	9,500	790	400	330	30	10,200	830
Scientists	10,770	4,000	6,730	9,330	710	340	270	S	9,950	810
Computer and information scientists	300	S	260	210	90	S	S	S	230	70
Life and related scientists	2,180	710	1,470	1,980	150	S	S	S	2,030	140
Mathematicians	840	200	650	700	130	S	S	S	760	80
Physical and related scientists	2,460	390	2,070	2,100	170	110	70	S	2,310	150
Psychologists	3,750	2,190	1,570	3,280	80	170	200	S	3,460	290
Social scientists	1,230	510	720	1,070	70	60	S	S	1,150	80
Engineers	250	S	210	170	80	S	S	S	250	S
Non-S&E occupations	6,960	3,230	3,720	5,750	230	630	270	60	6,450	500

S suppressed because fewer than 50 weighted cases

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability." Total includes "other race/ethnicity" not shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-21. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2001

Page 1 of 3

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	245,060	86,400	52,920	47,790	14,610	43,330
Female	69,520	13,380	15,660	18,580	6,180	15,730
Fewer than 10	34,160	710	4,220	14,380	3,620	11,240
10-19	21,120	4,900	8,610	3,560	1,480	2,560
20-29	11,370	5,890	2,460	620	850	1,560
30 or more	2,870	1,880	370	S	240	370
Male	175,530	73,020	37,260	29,210	8,440	27,610
Fewer than 10	51,850	930	8,110	22,980	3,870	15,950
10-19	44,120	15,250	17,750	4,670	1,640	4,810
20-29	47,050	31,020	8,850	1,190	1,370	4,610
30 or more	32,520	25,820	2,560	370	1,560	2,230
S&E occupations	200,390	69,960	44,300	40,740	12,250	33,130
Female	52,580	9,490	11,630	14,470	5,010	11,980
Fewer than 10	26,680	300	2,830	11,150	2,970	9,430
10-19	15,440	3,310	6,470	2,870	1,200	1,580
20-29	8,320	4,550	1,960	440	660	710
30 or more	2,150	1,320	370	S	190	260
Male	102,490	43,920	23,340	17,710	5,310	12,220
Fewer than 10	74,750	19,310	17,230	20,650	3,890	13,670
10-19	42,470	8,060	10,090	10,550	2,440	11,320
20-29	38,470	20,900	10,010	2,960	1,330	3,270
30 or more	30,390	22,930	3,950	630	1,230	1,650
Scientists	133,130	44,190	29,830	28,170	9,420	21,510
Female	50,860	9,240	11,140	13,910	4,880	11,690
Fewer than 10	25,560	290	2,650	10,600	2,840	9,180
10-19	14,930	3,150	6,160	2,870	1,200	1,540
20-29	8,240	4,480	1,960	440	660	710
30 or more	2,140	1,320	370	S	190	260
Male	82,270	34,950	18,690	14,260	4,540	9,820
Fewer than 10	68,580	19,240	15,800	17,440	3,740	12,360
10-19	37,110	5,750	7,810	10,350	2,260	10,950
20-29	33,660	17,450	9,220	2,930	1,190	2,860
30 or more	26,510	19,790	3,810	630	940	1,340
Computer and information scientists	8,080	2,240	2,690	1,270	290	1,600
Female	1,030	130	430	230	60	180
Fewer than 10	520	S	170	190	S	100
10-19	350	70	160	S	S	50
20-29	130	S	70	S	S	S
30 or more	S	S	S	S	S	S
Male	7,060	2,110	2,260	1,040	230	1,420
Fewer than 10	2,720	110	800	940	100	770
10-19	1,690	590	680	S	90	320
20-29	1,960	980	620	S	S	280
30 or more	680	430	170	S	S	S
Life and related scientists	65,400	19,670	13,080	13,080	3,520	16,060
Female	20,080	3,110	3,750	4,510	1,600	7,110
Fewer than 10	10,270	130	520	2,780	1,000	5,840
10-19	6,000	940	2,400	1,490	350	820
20-29	2,890	1,470	660	230	240	290
30 or more	910	570	160	S	S	160

TABLE H-21. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2001

Page 2 of 3

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
Male	45,320	16,560	9,330	8,570	1,930	8,940
Fewer than 10	15,670	280	1,220	5,900	1,210	7,060
10-19	11,770	3,050	5,020	2,270	330	1,090
20-29	10,840	7,390	2,380	340	130	600
30 or more	7,050	5,830	710	60	260	200
Mathematical scientists	14,410	5,820	3,640	2,860	1,230	860
Female	2,750	530	780	940	290	210
Fewer than 10	1,440	S	310	790	160	140
10-19	680	200	240	90	100	S
20-29	500	240	180	50	S	S
30 or more	130	S	60	S	S	S
Male	11,660	5,300	2,850	1,920	940	650
Fewer than 10	3,190	60	590	1,610	520	410
10-19	2,640	1,020	1,290	150	S	160
20-29	2,960	1,960	660	80	190	80
30 or more	2,860	2,260	310	90	200	S
Physical and related scientists	32,190	11,860	6,210	5,740	1,880	6,510
Female	5,110	980	1,080	1,550	500	1,000
Fewer than 10	2,530	S	290	1,180	250	810
10-19	1,620	400	730	350	90	60
20-29	590	370	S	S	80	80
30 or more	370	210	S	S	90	S
Male	27,090	10,880	5,130	4,180	1,380	5,510
Fewer than 10	7,380	2,350	2,860	570	370	1,220
10-19	7,980	160	850	3,500	520	2,940
20-29	5,760	3,680	920	80	190	890
30 or more	5,970	4,690	500	S	300	460
Psychologists	23,510	7,210	4,840	5,890	1,990	3,590
Female	11,490	1,990	2,320	3,460	1,300	2,420
Fewer than 10	5,980	S	660	2,790	760	1,770
10-19	3,170	670	1,110	640	300	450
20-29	1,960	1,060	440	S	240	180
30 or more	390	260	100	S	S	S
Male	12,020	5,220	2,520	2,430	690	1,170
Fewer than 10	3,190	S	470	1,730	300	690
10-19	2,970	970	1,240	400	170	190
20-29	3,370	2,330	530	270	50	180
30 or more	2,500	1,920	280	S	170	100
Social scientists	34,850	13,950	8,720	7,900	2,440	1,840
Female	10,410	2,500	2,790	3,220	1,140	760
Fewer than 10	4,810	90	690	2,860	640	530
10-19	3,110	880	1,520	250	340	120
20-29	2,170	1,310	580	100	80	110
30 or more	310	230	S	S	80	S
Male	24,450	11,450	5,930	4,690	1,300	1,080
Fewer than 10	6,790	160	1,760	4,020	520	330
10-19	6,170	2,730	2,540	390	240	280
20-29	7,840	5,460	1,470	180	390	350
30 or more	3,660	3,110	160	110	150	130

TABLE H-21. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, years since doctorate, and faculty rank: 2001

Page 3 of 3

Occupation, sex, and years since doctorate	Total	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
Engineers	21,930	9,210	5,130	4,010	910	2,680
Female	1,710	250	480	560	140	290
Fewer than 10	1,120	S	180	550	130	240
10-19	510	160	300	S	S	S
20-29	80	80	S	S	S	S
30 or more	S	S	S	S	S	S
Male	20,220	8,960	4,640	3,450	770	2,390
Fewer than 10	6,170	60	1,430	3,220	150	1,310
10-19	5,360	2,320	2,290	200	190	370
20-29	4,810	3,450	790	S	140	400
30 or more	3,880	3,140	140	S	290	310
Non-S&E occupations	44,670	16,440	8,620	7,050	2,360	10,200
Female	16,950	3,890	4,030	4,110	1,160	3,750
Fewer than 10	7,490	410	1,390	3,230	650	1,810
10-19	5,680	1,590	2,150	690	280	980
20-29	3,050	1,340	500	180	190	850
30 or more	730	560	S	S	S	110
Male	27,720	12,550	4,590	2,940	1,200	6,440
Fewer than 10	6,150	90	1,000	2,070	530	2,450
10-19	6,150	2,220	1,840	680	230	1,170
20-29	9,510	5,780	1,480	160	240	1,840
30 or more	5,920	4,450	280	S	190	980

S suppressed because fewer than 50 weighted cases

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-22. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by race/ethnicity and faculty rank: 2001

Page 1 of 2

Occupation and race/ethnicity	All faculty	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	245,060	86,400	52,920	47,790	14,610	43,330
White	200,490	75,190	43,620	37,070	11,960	32,650
Asian/Pacific Islander	27,730	6,790	5,160	6,510	1,630	7,620
Black	8,000	1,790	2,150	2,140	460	1,460
Hispanic	7,830	2,300	1,780	1,780	510	1,470
American Indian/Alaskan Native	840	310	200	200	S	110
S&E occupations	223,120	77,190	47,790	43,790	13,710	40,650
White	183,880	68,370	39,760	34,100	11,220	30,440
Asian/Pacific Islander	23,700	4,870	4,280	5,810	1,480	7,260
Black	7,460	1,630	1,910	2,020	450	1,450
Hispanic	7,160	2,020	1,630	1,620	510	1,390
American Indian/Alaskan Native	770	270	200	170	S	90
Scientists	201,190	67,970	42,660	39,780	12,800	37,980
White	167,270	61,560	35,900	31,120	10,470	28,230
Asian/Pacific Islander	19,680	2,940	3,390	5,110	1,330	6,900
Black	6,930	1,470	1,680	1,910	440	1,430
Hispanic	6,500	1,750	1,490	1,450	510	1,300
American Indian/Alaskan Native	690	230	200	150	S	80
Computer and information scientists	8,080	2,240	2,690	1,270	290	1,600
White	6,190	1,790	2,010	930	210	1,250
Asian/Pacific Islander	1,550	330	550	300	50	320
Black	170	S	80	S	S	S
Hispanic	170	70	50	S	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Life and related scientists	65,400	19,670	13,070	13,080	3,520	16,060
White	51,770	17,630	11,080	9,650	2,690	10,710
Asian/Pacific Islander	10,080	1,390	1,250	2,530	660	4,240
Black	1,410	260	310	400	S	420
Hispanic	2,040	380	410	440	130	670
American Indian/Alaskan Native	100	S	S	50	S	S
Mathematical scientists	14,410	5,820	3,640	2,860	1,230	860
White	11,510	4,930	2,810	2,110	970	690
Asian/Pacific Islander	2,030	590	620	530	200	90
Black	330	90	70	100	50	S
Hispanic	500	190	130	120	S	60
American Indian/Alaskan Native	S	S	S	S	S	S
Physical and related scientists	32,190	11,860	6,210	5,740	1,880	6,510
White	26,960	10,430	5,040	4,770	1,610	5,110
Asian/Pacific Islander	3,440	900	650	600	210	1,090
Black	620	100	200	160	60	110
Hispanic	970	340	280	170	S	180
American Indian/Alaskan Native	160	80	S	S	S	S
Psychologists	23,510	7,210	4,840	5,890	1,980	3,590
White	20,530	6,770	4,100	5,000	1,640	3,020
Asian/Pacific Islander	700	60	140	210	80	210
Black	1,210	150	420	360	60	210
Hispanic	970	180	170	280	200	140
American Indian/Alaskan Native	80	50	S	S	S	S
Social scientists	34,850	13,950	8,720	7,900	2,440	1,840
White	29,140	12,140	7,210	6,110	2,160	1,520
Asian/Pacific Islander	2,470	820	640	840	70	100
Black	1,670	490	380	560	110	140

TABLE H-22. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by race/ethnicity and faculty rank: 2001

Page 2 of 2

Occupation and race/ethnicity	All faculty	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
Hispanic	1,260	410	380	330	70	70
American Indian/Alaskan Native	240	80	100	S	S	S
Engineers	21,930	9,210	5,130	4,010	910	2,680
White	16,610	6,810	3,860	2,980	750	2,210
Asian/Pacific Islander	4,020	1,930	890	700	150	360
Black	530	160	230	120	S	S
Hispanic	670	280	150	160	S	80
American Indian/Alaskan Native	80	S	S	S	S	S
Non-S&E occupations	44,670	16,440	8,620	7,050	2,360	10,200
White	37,790	14,680	7,510	5,520	1,940	8,150
Asian/Pacific Islander	3,430	780	420	790	220	1,230
Black	2,050	510	460	430	120	540
Hispanic	1,250	460	200	270	90	230
American Indian/Alaskan Native	140	S	S	S	S	S

S suppressed because fewer than 50 weighted cases

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers are rounded to nearest 10. Details may not add to total because of rounding. Total includes "other race/ethnicity" not shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-23. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, race/ethnicity, and faculty rank: 2001

Page 1 of 3

Occupation, sex, and race/ethnicity	Total	Professor	Associate professor	Assistant professor	Other faculty	Not applicable
All occupations	245,050	86,400	52,920	47,790	14,620	43,340
Female	69,520	13,380	15,660	18,580	6,180	15,730
White	55,960	11,820	13,340	14,530	4,830	11,450
Asian/Pacific Islander	7,440	640	990	2,070	790	2,940
Black	3,220	470	750	1,050	170	780
Hispanic	2,660	430	510	850	360	500
American Indian/Alaskan Native	190	S	60	70	S	S
Male	175,530	73,020	37,260	29,210	8,440	27,610
White	144,540	63,360	30,280	22,550	7,140	21,200
Asian/Pacific Islander	20,290	6,150	4,170	4,440	840	4,680
Black	4,950	1,420	1,460	1,110	240	720
Hispanic	5,010	1,770	1,200	910	190	930
American Indian/Alaskan Native	650	290	140	130	S	70
S&E occupations	228,110	82,510	48,890	43,680	13,450	39,580
Female	55,600	9,870	12,190	15,340	5,280	12,920
White	54,670	11,760	13,130	14,140	4,700	10,930
Asian/Pacific Islander	6,290	460	750	1,790	700	2,600
Black	2,730	350	670	860	120	720
Hispanic	2,560	410	470	830	360	480
American Indian/Alaskan Native	190	S	60	70	S	40
Male	151,670	61,860	33,220	26,930	7,390	22,260
White	142,400	62,650	30,070	22,140	7,050	20,490
Asian/Pacific Islander	19,380	5,830	3,950	4,290	820	4,490
Black	4,180	1,080	1,340	1,020	200	550
Hispanic	4,960	1,770	1,200	900	190	900
American Indian/Alaskan Native	650	290	140	130	S	70
Scientists	206,180	73,290	43,760	39,680	12,540	36,900
Female	53,880	9,610	11,710	14,780	5,150	12,630
White	53,370	11,550	12,740	13,700	4,610	10,760
Asian/Pacific Islander	6,010	420	700	1,730	660	2,500
Black	2,670	350	650	840	110	710
Hispanic	2,500	410	460	800	360	470
American Indian/Alaskan Native	190	S	60	70	S	S
Male	131,450	52,900	28,570	23,490	6,620	19,870
White	127,080	56,040	26,600	19,600	6,390	18,450
Asian/Pacific Islander	15,640	3,930	3,120	3,660	710	4,220
Black	3,710	930	1,120	930	200	540
Hispanic	4,350	1,500	1,060	770	190	830
American Indian/Alaskan Native	580	250	140	110	S	60
Computer and information scientists						
Female	1,030	130	430	230	60	180
White	810	80	370	160	50	140
Asian/Pacific Islander	170	S	S	50	S	S
Black	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Male	7,060	2,110	2,260	1,040	230	1,420
White	5,370	1,710	1,640	770	150	1,100

TABLE H-23. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, race/ethnicity, and faculty rank: 2001

Page 2 of 3

Occupation, sex, and race/ethnicity	Total	Professor	Associate professor	Assistant professor	Other faculty	Not applicable
Asian/Pacific Islander	1,380	290	500	250	S	290
Black	150	S	70	S	S	S
Hispanic	160	70	S	S	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Life and related scientists						
Female	20,080	3,110	3,750	4,510	1,600	7,110
White	15,560	2,790	3,280	3,500	1,110	4,870
Asian/Pacific Islander	3,270	180	250	690	370	1,790
Black	450	80	90	120	S	150
Hispanic	780	60	130	190	100	300
American Indian/Alaskan Native	S	S	S	S	S	S
Male	45,320	16,560	9,330	8,570	1,930	8,940
White	36,210	14,840	7,800	6,150	1,580	5,840
Asian/Pacific Islander	6,810	1,210	1,000	1,850	300	2,450
Black	960	180	230	280	S	270
Hispanic	1,260	320	280	250	S	370
American Indian/Alaskan Native	80	S	S	S	S	S
Mathematical scientists						
Female	2,750	530	780	940	290	210
White	1,940	370	580	670	190	130
Asian/Pacific Islander	620	150	160	190	60	50
Black	100	S	S	S	S	S
Hispanic	80	S	S	S	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Male	11,660	5,300	2,850	1,920	940	650
White	9,570	4,560	2,220	1,440	780	560
Asian/Pacific Islander	1,400	440	460	340	130	S
Black	400	190	100	80	S	S
Hispanic	250	90	60	50	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Physical and related scientists						
Female	5,110	980	1,080	1,550	500	1,000
White	4,130	830	980	1,200	400	720
Asian/Pacific Islander	710	90	60	220	80	260
Black	90	S	S	S	S	S
Hispanic	160	60	S	70	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Male	27,090	10,880	5,130	4,180	1,380	5,510
White	22,830	9,600	4,050	3,580	1,210	4,390
Asian/Pacific Islander	2,730	800	590	380	120	830
Black	530	90	180	110	S	90
Hispanic	810	280	270	90	S	170
American Indian/Alaskan Native	140	80	S	S	S	S
Psychologists						
Female	11,490	1,990	2,320	3,460	1,300	2,420
White	9,680	1,810	1,920	2,820	1,110	2,020
Asian/Pacific Islander	430	S	80	140	S	180
Black	790	100	220	340	S	120
Hispanic	570	80	100	150	140	100
American Indian/Alaskan Native	S	S	S	S	S	S

TABLE H-23. S&E doctorate holders employed in universities and 4-year colleges, by broad occupation, sex, race/ethnicity, and faculty rank: 2001

Page 3 of 3

Occupation, sex, and race/ethnicity	Total	Professor	Associate professor	Assistant professor	Other faculty	Not applicable
Male	12,020	5,220	2,520	2,430	690	1,170
White	10,840	4,960	2,180	2,180	520	990
Asian/Pacific Islander	270	60	60	70	S	S
Black	410	S	200	S	60	90
Hispanic	400	100	80	130	60	S
American Indian/Alaskan Native	70	50	S	S	S	S
Social scientists						
Female	10,410	2,500	2,790	3,220	1,140	760
White	8,620	2,220	2,340	2,500	970	590
Asian/Pacific Islander	660	90	140	330	70	S
Black	560	90	130	190	S	110
Hispanic	510	100	170	180	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Male	24,450	11,450	5,930	4,690	1,300	1,080
White	20,530	9,920	4,880	3,610	1,200	930
Asian/Pacific Islander	1,820	740	500	510	S	70
Black	1,110	400	250	360	60	S
Hispanic	760	310	210	150	S	50
American Indian/Alaskan Native	210	80	90	S	S	S
Engineers						
Female	1,710	250	480	560	140	290
White	1,300	210	390	440	90	170
Asian/Pacific Islander	290	S	60	60	S	90
Black	60	S	S	S	S	S
Hispanic	60	S	S	S	S	S
American Indian/Alaskan Native	S	S	S	S	S	S
Male	20,220	8,960	4,640	3,450	770	2,390
White	15,310	6,600	3,470	2,540	660	2,040
Asian/Pacific Islander	3,740	1,900	830	640	110	270
Black	470	150	210	100	S	S
Hispanic	610	270	130	140	S	70
American Indian/Alaskan Native	70	S	S	S	S	S
Non-S&E occupations						
Female	16,950	3,890	4,030	4,110	1,160	3,750
White	13,930	3,510	3,470	3,240	890	2,810
Asian/Pacific Islander	1,290	60	210	380	130	520
Black	1,140	190	240	280	90	350
Hispanic	490	110	80	180	50	60
American Indian/Alaskan Native	90	S	S	S	S	S
Male	27,720	12,550	4,590	2,940	1,200	6,440
White	23,870	11,160	4,040	2,280	1,040	5,340
Asian/Pacific Islander	2,140	720	210	410	90	710
Black	910	320	220	150	S	190
Hispanic	760	340	120	90	S	170
American Indian/Alaskan Native	S	S	S	S	S	S

S Suppressed because fewer than 50 weighted cases

NOTES: Table limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers are rounded to nearest 10. Details may not add to total because of rounding. Total includes "other race/ethnicity" not shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients.

TABLE H-24. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by disability status and faculty rank: 2001

Occupation and disability status	All faculty	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	245,060	86,400	52,920	47,790	14,610	43,330
No disability	227,780	78,490	48,820	45,970	13,370	41,120
With disability	17,280	7,910	4,090	1,820	1,250	2,210
S&E occupations	200,390	69,960	44,300	40,740	12,250	33,130
No disability	186,920	63,580	41,060	39,280	11,250	31,740
With disability	13,470	6,380	3,230	1,470	1,010	1,390
Scientists	178,460	60,750	39,170	36,730	11,340	30,450
No disability	166,630	55,170	36,230	35,430	10,570	29,220
With disability	11,820	5,580	2,930	1,310	790	1,230
Computer and information scientists	8,080	2,240	2,690	1,270	290	1,600
No disability	7,530	2,070	2,430	1,230	270	1,530
With disability	560	170	260	S	S	60
Life and related scientists	65,400	19,670	13,070	13,080	3,520	16,060
No disability	61,600	18,110	12,070	12,520	3,380	15,520
With disability	3,810	1,560	1,010	560	140	540
Mathematical scientists	14,410	5,820	3,640	2,860	1,230	860
No disability	13,490	5,380	3,400	2,760	1,120	840
With disability	910	450	240	110	100	S
Physical and related scientists	32,190	11,860	6,210	5,740	1,880	6,510
No disability	30,410	10,810	5,850	5,600	1,780	6,360
With disability	1,790	1,050	360	130	100	150
Psychologists	23,510	7,210	4,840	5,890	1,980	3,590
No disability	21,810	6,430	4,570	5,760	1,820	3,230
With disability	1,710	780	270	130	160	360
Social scientists	34,850	13,950	8,720	7,900	2,440	1,840
No disability	31,800	12,380	7,920	7,570	2,190	1,740
With disability	3,050	1,570	800	330	250	100
Engineers	21,930	9,210	5,130	4,010	910	2,680
No disability	20,290	8,410	4,830	3,850	680	2,520
With disability	1,650	800	300	160	220	160
Non-S&E occupations	44,670	16,440	8,620	7,050	2,360	10,200
No disability	40,860	14,910	7,760	6,690	2,120	9,380
With disability	3,810	1,530	860	350	240	820

S suppressed because fewer than 50 weighted cases

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-25. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by sex, years since doctorate, and tenure status: 2001

Page 1 of 3

Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
All occupations	245,060	122,320	39,070	29,740	53,920
Female	69,520	24,400	13,660	11,510	19,960
Less than 10	34,160	3,630	10,620	7,560	12,360
10-19	21,120	11,240	2,660	2,730	4,490
20-29	11,370	7,580	330	1,020	2,440
30 or more	2,870	1,950	50	200	660
Male	175,530	97,920	25,420	18,240	33,960
Less than 10	51,850	6,470	19,770	9,900	15,720
10-19	44,120	28,860	4,500	3,330	7,430
20-29	47,050	36,450	1,000	2,930	6,670
30 or more	32,520	26,140	150	2,080	4,150
S&E occupations	200,390	101,350	33,380	24,590	41,060
Female	52,570	18,070	10,520	8,850	15,150
Less than 10	26,670	2,310	8,190	5,920	10,270
10-19	15,440	8,250	2,050	2,140	2,990
20-29	8,320	5,970	240	610	1,500
30 or more	2,140	1,540	S	170	390
Male	147,810	83,280	22,870	15,750	25,910
Less than 10	45,700	5,740	18,010	9,000	12,960
10-19	37,970	25,370	3,840	2,980	5,770
20-29	37,540	30,210	900	2,140	4,290
30 or more	26,600	21,960	120	1,630	2,900
Scientists	178,460	88,280	29,410	23,030	37,720
Female	50,860	17,430	9,990	8,720	14,730
Less than 10	25,560	2,150	7,680	5,790	9,930
10-19	14,930	7,820	2,020	2,140	2,950
20-29	8,240	5,920	240	610	1,470
30 or more	2,140	1,540	S	170	390
Male	127,590	70,860	19,430	14,320	22,990
Less than 10	39,530	4,630	15,070	8,240	11,590
10-19	32,610	21,090	3,550	2,740	5,230
20-29	32,730	26,250	710	2,050	3,710
30 or more	22,730	18,890	90	1,290	2,460
Computer and information scientists	8,080	4,230	1,380	800	1,670
Female	1,030	490	230	90	210
Less than 10	520	120	210	70	110
10-19	350	250	S	S	60
20-29	130	100	S	S	S
30 or more	S	S	S	S	S
Male	7,060	3,740	1,150	710	1,460
Less than 10	2,720	590	1,010	350	780
10-19	1,690	1,070	100	160	370
20-29	1,960	1,490	S	160	270
30 or more	680	590	S	S	S
Life and related scientists	65,400	27,020	10,360	11,110	16,920
Female	20,080	5,420	3,290	4,530	6,840
Less than 10	10,270	400	1,950	2,930	4,990
10-19	6,000	2,550	1,160	1,160	1,130
20-29	2,890	1,860	130	340	570
30 or more	910	620	S	100	150

TABLE H-25. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by sex, years since doctorate, and tenure status: 2001

Page 2 of 3

Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
Male	45,320	21,600	7,070	6,570	10,080
Less than 10	15,670	770	4,750	3,890	6,260
10-19	11,770	6,170	2,050	1,380	2,170
20-29	10,840	8,890	230	830	890
30 or more	7,050	5,770	50	470	770
Mathematical scientists	14,410	8,960	1,930	1,690	1,820
Female	2,750	1,070	590	580	500
Less than 10	1,440	200	550	340	350
10-19	680	380	S	170	100
20-29	500	400	S	60	S
30 or more	130	90	S	S	S
Male	11,660	7,890	1,330	1,110	1,320
Less than 10	3,190	540	1,200	800	650
10-19	2,640	2,280	90	S	230
20-29	2,960	2,480	S	190	290
30 or more	2,860	2,590	S	90	150
Physical and related scientists	32,190	16,420	5,050	3,750	6,970
Female	5,110	2,040	1,180	600	1,290
Less than 10	2,530	360	950	290	930
10-19	1,620	1,100	210	160	150
20-29	590	350	S	80	140
30 or more	370	230	S	70	70
Male	27,090	14,380	3,870	3,160	5,680
Less than 10	7,980	870	2,910	1,820	2,370
10-19	7,380	4,620	770	570	1,420
20-29	5,760	4,120	190	320	1,130
30 or more	5,970	4,780	S	450	750
Psychologists	23,510	10,520	3,700	2,920	6,370
Female	11,490	3,480	2,120	1,880	4,020
Less than 10	5,980	440	1,690	1,400	2,460
10-19	3,170	1,370	370	400	1,020
20-29	1,960	1,310	60	80	510
30 or more	390	360	S	S	S
Male	12,020	7,040	1,580	1,040	2,350
Less than 10	3,190	430	1,330	450	970
10-19	2,970	1,840	170	320	640
20-29	3,370	2,670	90	240	370
30 or more	2,500	2,100	S	S	370
Social scientists	34,850	21,120	6,990	2,770	3,980
Female	10,410	4,910	2,580	1,040	1,870
Less than 10	4,810	630	2,330	760	1,080
10-19	3,110	2,170	240	230	480
20-29	2,170	1,910	S	S	210
30 or more	310	210	S	S	100
Male	24,450	16,200	4,420	1,730	2,100
Less than 10	6,790	1,430	3,880	920	550
10-19	6,170	5,110	380	270	400
20-29	7,840	6,600	150	310	770
30 or more	3,660	3,060	S	220	380

TABLE H-25. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by sex, years since doctorate, and tenure status: 2001

Page 3 of 3

Occupation, sex, and years since doctorate	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
Engineers	21,930	13,070	3,970	1,560	3,340
Female	1,710	640	530	130	420
Less than 10	1,120	150	500	130	340
10-19	510	430	S	S	50
20-29	80	50	S	S	S
30 or more	S	S	S	S	S
Male	20,220	12,420	3,440	1,430	2,920
Less than 10	6,170	1,110	2,930	760	1,360
10-19	5,360	4,280	290	240	550
20-29	4,810	3,960	180	90	580
30 or more	3,880	3,070	S	340	430
Non-S&E occupations	44,670	20,970	5,690	5,150	12,860
Female	16,950	6,330	3,140	2,660	4,810
Less than 10	7,490	1,320	2,430	1,640	2,090
10-19	5,680	2,990	610	590	1,500
20-29	3,050	1,610	90	410	940
30 or more	730	410	S	S	280
Male	27,720	14,640	2,550	2,490	8,050
Less than 10	6,150	730	1,760	900	2,760
10-19	6,150	3,490	660	350	1,660
20-29	9,510	6,240	100	790	2,380
30 or more	5,920	4,180	S	450	1,250

S suppressed because fewer than 50 weighted cases

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-26. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by race/ethnicity and tenure status: 2001

Page 1 of 2

Occupation and race/ethnicity	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
All occupations	245,060	122,320	39,070	29,740	53,920
White	200,490	104,660	30,170	23,030	42,640
Asian/Pacific Islander	27,730	10,330	5,200	4,460	7,730
Black	8,000	3,300	1,900	1,030	1,760
Hispanic	7,830	3,490	1,560	1,120	1,650
American Indian/Alaskan Native	840	510	170	70	90
S&E occupations					
Scientists	178,440	88,270	29,410	23,030	37,730
White	146,100	76,490	22,830	17,230	29,530
Asian/Pacific Islander	20,270	6,640	3,940	3,890	5,800
Black	5,410	2,150	1,380	830	1,060
Hispanic	5,910	2,570	1,120	990	1,230
American Indian/Alaskan Native	620	390	110	60	60
Computer and information scientists	8,080	4,230	1,380	800	1,670
White	6,190	3,260	940	680	1,300
Asian/Pacific Islander	1,550	740	390	90	330
Black	170	110	S	S	S
Hispanic	170	110	S	S	S
American Indian/Alaskan Native	S	S	S	S	S
Life and related scientists	65,400	27,020	10,360	11,100	16,920
White	51,770	24,000	7,930	7,850	11,980
Asian/Pacific Islander	10,080	1,980	1,680	2,530	3,880
Black	1,410	480	330	240	360
Hispanic	2,040	540	380	460	670
American Indian/Alaskan Native	100	S	S	S	S
Mathematical scientists	14,410	8,960	1,930	1,690	1,820
White	11,510	7,490	1,290	1,280	1,450
Asian/Pacific Islander	2,030	1,010	400	300	320
Black	330	130	110	70	S
Hispanic	500	300	130	S	S
American Indian/Alaskan Native	S	S	S	S	S
Physical and related scientists	32,190	16,420	5,050	3,750	6,970
White	26,960	14,200	4,130	2,800	5,830
Asian/Pacific Islander	3,440	1,350	530	670	890
Black	620	170	220	130	110
Hispanic	970	580	140	140	110
American Indian/Alaskan Native	160	100	S	S	S
Psychologists	23,510	10,520	3,700	2,920	6,370
White	20,530	9,470	3,170	2,400	5,480
Asian/Pacific Islander	700	210	170	80	250
Black	1,210	450	210	200	340
Hispanic	970	330	140	230	280
American Indian/Alaskan Native	80	60	S	S	S
Social scientists	34,850	21,120	6,990	2,770	3,980
White	29,140	18,070	5,370	2,220	3,490
Asian/Pacific Islander	2,470	1,350	770	220	130
Black	1,670	810	490	180	200
Hispanic	1,260	710	310	100	130
American Indian/Alaskan Native	240	180	S	S	S

TABLE H-26. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by race/ethnicity and tenure status: 2001

Page 2 of 2

Occupation and race/ethnicity	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
Engineers	21,930	13,070	3,970	1,560	3,340
White	16,610	9,630	3,030	1,290	2,650
Asian/Pacific Islander	4,020	2,600	630	220	570
Black	530	390	100	S	S
Hispanic	670	410	160	S	90
American Indian/Alaskan Native	80	S	S	S	S
Non-S&E occupations	44,670	20,970	5,690	5,150	12,860
White	37,790	18,520	4,310	4,500	10,460
Asian/Pacific Islander	3,430	1,090	640	350	1,360
Black	2,050	770	430	170	680
Hispanic	1,250	510	280	120	330
American Indian/Alaskan Native	140	80	S	S	S

S suppressed because fewer than 50 weighted cases

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding. Total includes "other race/ethnicity" not shown separately.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-27. Occupations of S&E doctorate holders employed in universities and 4-year colleges, by disability and tenure status: 2001

Occupation and disability status	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
All occupations	245,060	122,320	39,070	29,740	53,920
No disability	227,780	111,570	37,560	28,190	50,460
With disability	17,280	10,740	1,510	1,560	3,460
S&E occupations					
Scientists	178,450	88,280	29,410	23,040	37,730
No disability	166,630	80,310	28,520	22,070	35,730
With disability	11,820	7,980	880	970	2,000
Computer and information scientists	8,080	4,230	1,380	800	1,670
No disability	7,530	3,830	1,350	770	1,580
With disability	560	400	S	S	90
Life and related scientists	65,400	27,020	10,360	11,100	16,920
No disability	61,600	24,820	9,920	10,620	16,230
With disability	3,810	2,200	430	480	690
Mathematical scientists	14,410	8,960	1,930	1,690	1,820
No disability	13,490	8,330	1,850	1,590	1,720
With disability	910	640	70	100	100
Physical and related scientists	32,190	16,420	5,050	3,750	6,970
No disability	30,410	15,110	4,960	3,570	6,770
With disability	1,790	1,320	80	180	200
Psychologists	23,510	10,520	3,700	2,920	6,370
No disability	21,810	9,440	3,630	2,850	5,890
With disability	1,710	1,080	80	70	480
Social scientists	34,850	21,120	6,990	2,770	3,980
No disability	31,800	18,780	6,810	2,660	3,540
With disability	3,050	2,340	180	100	430
Engineers	21,930	13,070	3,970	1,560	3,340
No disability	20,290	12,070	3,830	1,400	2,990
With disability	1,650	1,000	140	150	350
Non-S&E occupations	44,670	20,970	5,690	5,150	12,860
No disability	40,860	19,200	5,210	4,710	11,740
With disability	3,810	1,770	490	440	1,120

S suppressed because fewer than 50 weighted cases

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-28. Occupations of Federal scientists and engineers, by sex: 1998–2002

Page 1 of 6

Occupation and sex	1998	1999	2000	2001	2002
All occupations	189,713	186,891	187,396	193,448	206,182
Female	38,257	38,571	39,788	42,508	47,216
Male	151,456	148,320	147,608	150,936	158,962
All scientists	103,483	103,301	104,790	110,291	120,824
Female	29,392	29,886	31,016	33,420	37,497
Male	74,091	73,415	73,774	76,870	83,326
Computer and mathematical sciences	28,073	27,963	28,339	31,525	39,223
Female	8,863	8,906	9,182	10,263	12,940
Male	19,210	19,057	19,157	21,261	26,282
Computer science	3,182	3,287	3,369	3,861	4,306
Female	987	1,017	1,018	1,148	1,266
Male	2,195	2,270	2,351	2,712	3,040
Cryptanalysis	9	12	12	11	8
Female	6	9	9	8	5
Male	3	3	3	3	3
Equipment specialties	1,018	914	893	817	826
Female	111	97	103	95	90
Male	907	817	790	722	736
Mathematical statistics	1,140	1,155	1,154	1,144	1,158
Female	366	395	397	403	411
Male	774	760	757	741	747
Mathematics	1,407	1,320	1,250	1,126	1,100
Female	421	395	381	347	347
Male	986	925	869	779	753
Operations research	3,137	3,067	3,010	3,041	3,075
Female	749	746	758	771	773
Male	2,388	2,321	2,252	2,270	2,301
Statistics	2,392	2,154	2,244	2,362	2,436
Female	934	828	890	948	1,006
Male	1,458	1,326	1,354	1,414	1,430
Other	15,788	16,054	16,407	19,163	26,314
Female	5,289	5,419	5,626	6,543	9,042
Male	10,499	10,635	10,781	12,620	17,272
Life sciences	28,600	28,847	29,525	30,699	32,405
Female	7,956	8,196	8,542	9,142	9,851
Male	20,644	20,651	20,983	21,557	22,554
Agricultural extension	9	7	5	4	2
Female	5	3	3	3	1
Male	4	4	2	1	1
Agronomy	271	271	275	274	260
Female	25	25	27	25	22
Male	246	246	248	249	238
Animal science	93	91	92	92	92
Female	16	13	15	17	17
Male	77	78	77	75	75
Botany	270	273	277	294	325
Female	132	137	135	149	167
Male	138	136	142	145	158
Ecology	788	774	796	879	979
Female	227	227	238	278	313
Male	561	547	558	601	666

TABLE H-28. Occupations of Federal scientists and engineers, by sex: 1998–2002

Page 2 of 6

Occupation and sex	1998	1999	2000	2001	2002
Entomology	587	552	547	556	565
Female	84	71	79	88	92
Male	503	481	468	468	473
Environmental protection	3,679	3,625	3,644	3,663	3,713
Female	1,479	1,472	1,472	1,515	1,532
Male	2,200	2,153	2,172	2,148	2,181
Fishery biology	1,881	1,932	2,005	2,128	2,220
Female	381	394	428	464	483
Male	1,500	1,538	1,577	1,664	1,737
General biological sciences	9,034	9,495	10,023	10,758	11,664
Female	2,870	3,098	3,281	3,600	3,996
Male	6,164	6,397	6,742	7,158	7,668
Genetics	330	322	334	346	367
Female	72	73	79	83	90
Male	258	249	255	263	277
Horticulture	106	105	100	101	96
Female	34	33	31	33	30
Male	72	72	69	68	66
Microbiology	1,941	2,000	2,064	2,117	2,230
Female	801	825	853	887	942
Male	1,140	1,175	1,211	1,230	1,288
Pharmacology	385	402	383	380	389
Female	112	118	122	123	127
Male	273	284	261	257	262
Physiology	413	410	396	385	359
Female	106	104	97	97	81
Male	307	306	299	288	278
Plant pathology	259	240	243	248	249
Female	53	48	50	57	60
Male	206	192	193	191	189
Plant physiology	258	230	222	222	216
Female	57	48	49	49	47
Male	201	182	173	173	169
Range conservation	925	909	904	901	942
Female	177	181	174	185	206
Male	748	728	730	716	736
Soil conservation	3,731	3,635	3,585	3,611	3,870
Female	605	613	636	666	773
Male	3,126	3,022	2,949	2,945	3,097
Soil science	1,312	1,273	1,270	1,300	1,311
Female	148	142	148	159	171
Male	1,164	1,131	1,122	1,141	1,140
Toxicology	301	309	320	330	341
Female	94	96	105	107	118
Male	207	213	215	223	223
Wildlife biology	1,936	1,897	1,945	2,012	2,124
Female	461	457	502	541	570
Male	1,475	1,440	1,443	1,471	1,554
Zoology	91	95	95	98	91
Female	17	18	18	16	13
Male	74	77	77	82	78
Physical sciences	23,927	23,639	23,442	23,561	23,851
Female	4,608	4,616	4,665	4,800	5,037
Male	19,319	19,023	18,777	18,761	18,814

TABLE H-28. Occupations of Federal scientists and engineers, by sex: 1998–2002

Page 3 of 6

Occupation and sex	1998	1999	2000	2001	2002
Astronomy and space science	465	457	448	449	438
Female	41	42	45	51	50
Male	424	415	403	398	388
Chemistry	5,871	5,685	5,571	5,606	5,683
Female	1,659	1,614	1,609	1,636	1,712
Male	4,212	4,071	3,962	3,970	3,971
Geodesy	70	65	66	66	66
Female	14	15	13	14	13
Male	56	50	53	52	53
Geology	1,674	1,666	1,655	1,689	1,700
Female	306	303	302	315	316
Male	1,368	1,363	1,353	1,374	1,384
Geophysics	404	405	411	410	412
Female	38	40	41	42	51
Male	366	365	370	368	361
Health physics	659	648	650	644	644
Female	128	132	132	132	136
Male	531	516	518	512	508
Hydrology	2,382	2,361	2,370	2,384	2,426
Female	402	410	431	453	477
Male	1,980	1,951	1,939	1,931	1,949
Meteorology	2,741	2,791	2,782	2,723	2,727
Female	231	232	238	239	245
Male	2,510	2,559	2,544	2,484	2,482
Oceanography	646	642	621	610	628
Female	119	116	119	130	147
Male	527	526	502	480	481
Physics	2,788	2,659	2,598	2,565	2,580
Female	201	203	196	203	212
Male	2,587	2,456	2,402	2,362	2,368
Other	6,227	6,260	6,270	6,415	6,547
Female	1,469	1,509	1,539	1,585	1,678
Male	4,758	4,751	4,731	4,830	4,869
Social sciences	22,883	22,852	23,484	24,506	25,345
Female	7,965	8,168	8,627	9,215	9,669
Male	14,918	14,684	14,857	15,291	15,676
Agricultural market reporting	131	123	120	120	117
Female	22	21	20	21	22
Male	109	102	100	99	95
Agricultural markets	383	360	354	337	367
Female	117	119	122	112	119
Male	266	241	232	225	248
Anthropology	86	79	77	80	85
Female	37	34	35	32	37
Male	49	45	42	48	48
Archeology	814	794	832	904	911
Female	287	281	302	331	332
Male	527	513	530	573	579
Civil rights	41	39	43	44	40
Female	20	19	26	28	25
Male	21	20	17	16	15
Economics	5,004	4,482	4,426	4,508	4,496
Female	1,326	1,186	1,203	1,266	1,296
Male	3,678	3,296	3,223	3,242	3,200

TABLE H-28. Occupations of Federal scientists and engineers, by sex: 1998–2002

Page 4 of 6

Occupation and sex	1998	1999	2000	2001	2002
Education research	52	57	59	57	62
Female	26	32	33	30	34
Male	26	25	26	27	28
Foreign affairs	3,190	3,563	3,542	3,873	4,192
Female	1,011	1,137	1,188	1,299	1,437
Male	2,179	2,426	2,354	2,574	2,755
Foreign agricultural affairs	178	168	162	156	153
Female	35	37	38	39	38
Male	143	131	124	117	115
Geography	357	320	347	407	467
Female	110	97	107	138	153
Male	247	223	240	269	314
Intelligence	3,140	3,244	3,359	3,441	3,656
Female	956	1,007	1,021	1,054	1,166
Male	2,184	2,237	2,338	2,387	2,490
International cooperation	20	14	13	13	19
Female	9	8	7	6	10
Male	11	6	6	7	9
International relations	132	139	154	174	192
Female	38	43	42	61	67
Male	38	43	42	61	67
Manpower research and analysis	27	26	24	35	33
Female	14	14	10	19	20
Male	13	12	14	16	13
Psychology	3,370	3,538	3,610	3,683	3,725
Female	1,151	1,321	1,384	1,488	1,514
Male	2,219	2,217	2,226	2,195	2,211
Sociology	39	36	37	36	32
Female	17	15	16	17	15
Male	22	21	21	19	17
Trade	628	599	618	657	657
Female	244	239	246	265	264
Male	384	360	372	392	393
Transportation industry	69	74	74	86	91
Female	18	21	21	27	26
Male	51	53	53	59	65
Unemployment insurance	93	90	82	78	78
Female	33	32	27	29	31
Male	60	58	55	49	47
Other	5,129	5,107	5,551	5,817	5,972
Female	2,494	2,505	2,779	2,953	3,063
Male	2,635	2,602	2,772	2,864	2,909
All engineers	86,230	83,590	82,606	83,157	85,358
Female	8,865	8,685	8,772	9,088	9,719
Male	77,365	74,905	73,834	74,066	75,636
Aerospace	7,578	7,451	7,519	7,734	8,025
Female	794	782	824	917	991
Male	6,784	6,669	6,695	6,817	7,034
Chemical	1,019	1,015	983	980	1,012
Female	198	201	192	201	216
Male	821	814	791	779	796
Civil	11,058	10,650	10,418	10,512	10,668
Female	1,097	1,088	1,072	1,132	1,229
Male	9,961	9,562	9,346	9,380	9,439

TABLE H-28. Occupations of Federal scientists and engineers, by sex: 1998–2002

Page 5 of 6

Occupation and sex	1998	1999	2000	2001	2002
Electrical, electronics, and computer	27,449	26,430	25,771	25,953	26,703
Female	2,531	2,421	2,372	2,463	2,635
Male	24,918	24,009	23,399	23,487	24,065
Computer	2,319	2,268	2,330	3,144	3,389
Female	434	425	437	571	601
Male	1,885	1,843	1,893	2,573	2,788
Electrical	3,527	3,431	3,322	3,308	3,476
Female	321	297	284	277	316
Male	3,206	3,134	3,038	3,030	3,159
Electronics	21,603	20,731	20,119	19,501	19,838
Female	1,776	1,699	1,651	1,615	1,718
Male	19,827	19,032	18,468	17,884	18,118
Industrial and related	1,981	1,818	1,695	1,644	1,706
Female	272	258	245	239	259
Male	1,709	1,560	1,450	1,405	1,447
Fire prevention	144	134	139	140	162
Female	16	14	18	16	18
Male	128	120	121	124	144
Safety	506	491	470	474	467
Female	53	55	53	57	56
Male	453	436	417	417	411
Other industrial	1,331	1,193	1,086	1,030	1,077
Female	203	189	174	166	185
Male	1,128	1,004	912	864	892
Mechanical	9,151	8,931	8,696	8,826	9,314
Female	590	577	561	614	661
Male	8,561	8,354	8,135	8,212	8,653
Other	27,994	27,295	27,524	27,508	27,930
Female	3,383	3,358	3,506	3,522	3,728
Male	24,611	23,937	24,018	23,986	24,202
Agricultural	333	335	333	334	352
Female	30	35	36	38	52
Male	303	300	297	296	300
Biomedical	277	257	260	274	278
Female	70	71	66	68	68
Male	207	186	194	206	210
Ceramic	50	47	45	44	44
Female	9	8	7	8	9
Male	41	39	38	36	35
Environmental	5,051	4,819	4,718	4,592	4,545
Female	1,099	1,040	1,038	1,015	1,029
Male	3,952	3,779	3,680	3,577	3,516
Materials and metallurgical	1,070	1,045	1,057	1,057	1,086
Female	161	168	171	160	175
Male	909	877	886	897	911
Metallurgy	122	112	101	95	93
Female	8	4	4	5	5
Male	114	108	97	90	88
Mining	236	227	231	223	222
Female	11	11	11	10	10
Male	225	216	220	213	212
Naval architecture	761	744	737	739	767
Female	50	58	62	64	67
Male	711	686	675	675	700

TABLE H-28. Occupations of Federal scientists and engineers, by sex: 1998–2002

Page 6 of 6

Occupation and sex	1998	1999	2000	2001	2002
Nuclear	2,112	2,057	2,076	2,141	2,286
Female	118	123	135	157	203
Male	1,994	1,934	1,941	1,984	2,083
Petroleum	319	317	317	310	306
Female	33	32	31	33	36
Male	286	285	286	277	270
Welding	42	38	40	40	43
Female	1	1	2	2	3
Male	41	37	38	38	40
General	17,621	17,297	17,609	17,659	17,908
Female	1,793	1,807	1,943	1,962	2,071
Male	15,828	15,490	15,666	15,697	15,837

NOTE: Total includes those of unknown sex not shown separately.

SOURCE: Office of Personnel Management, tabulations from Central Personnel Data Files, 1998–2002.

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 1 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All occupations	189,713	186,891	187,396	193,448	206,182
White	156,945	153,899	153,597	157,642	166,533
Asian	14,028	14,110	14,353	15,171	16,763
Black	10,283	10,256	10,776	11,440	12,753
Hispanic	6,757	6,784	6,860	7,232	7,955
American Indian	1,583	1,642	1,675	1,791	1,916
All other	46	54	63	66	59
No report	71	146	72	106	203
Scientists	103,483	103,301	104,790	110,291	120,824
White	87,440	86,780	87,347	91,259	98,761
Asian	5,261	5,490	5,805	6,429	7,594
Black	6,720	6,778	7,310	7,893	9,051
Hispanic	3,028	3,101	3,172	3,449	3,986
American Indian	952	1,029	1,058	1,149	1,258
All other	39	40	49	53	48
No report	43	83	49	59	126
Computer and mathematical sciences	28,073	27,963	28,339	31,525	39,223
White	22,419	22,125	22,224	24,513	30,011
Asian	1,931	2,011	2,133	2,438	3,215
Black	2,756	2,821	2,994	3,393	4,361
Hispanic	782	776	775	911	1,253
American Indian	167	191	191	240	320
All other	2	1	3	7	8
No report	16	38	19	23	55
Computer sciences	3,182	3,287	3,369	3,861	4,306
White	2,540	2,593	2,629	2,950	3,283
Asian	339	374	413	516	594
Black	223	229	244	292	314
Hispanic	71	75	74	88	100
American Indian	7	9	9	11	12
All other	0	0	0	0	0
No report	2	7	0	4	3
Cryptanalysis	9	12	12	11	8
White	8	11	10	10	7
Asian	1	0	0	0	0
Black	0	1	2	1	1
Hispanic	0	0	0	0	0
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Equipment specialties	1,018	914	893	817	826
White	770	691	670	627	648
Asian	19	25	26	20	22
Black	126	105	117	100	83
Hispanic	91	80	67	55	56
American Indian	12	13	13	14	14
All other	0	0	0	0	0
No report	0	0	0	1	3
Mathematical statistics	1,140	1,155	1,154	1,144	1,158
White	901	912	892	869	874
Asian	141	147	158	168	171
Black	72	69	76	77	81
Hispanic	23	22	21	24	23
American Indian	1	2	2	2	2

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 2 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	1	1	0
No report	2	3	4	3	7
Mathematics	1,407	1,320	1,250	1,126	1,100
White	1,178	1,103	1,043	941	912
Asian	72	70	64	58	67
Black	102	98	94	80	80
Hispanic	47	42	42	42	37
American Indian	8	6	7	5	4
All other	0	0	0	0	0
No report	0	1	0	0	0
Operations research	3,137	3,067	3,010	3,041	3,075
White	2,756	2,680	2,637	2,657	2,665
Asian	121	119	125	119	133
Black	169	167	163	174	174
Hispanic	73	75	68	72	78
American Indian	16	19	15	17	22
All other	0	0	0	0	0
No report	2	7	2	2	3
Statistics	2,392	2,154	2,244	2,362	2,436
White	1,929	1,754	1,789	1,846	1,883
Asian	113	99	111	127	131
Black	279	240	271	303	327
Hispanic	62	52	63	75	84
American Indian	8	8	9	10	9
All other	0	0	1	1	1
No report	1	1	0	0	1
Other computer sciences	15,788	16,054	16,407	19,163	26,314
White	12,337	12,381	12,554	14,613	19,739
Asian	1,125	1,177	1,236	1,430	2,097
Black	1,785	1,912	2,027	2,366	3,301
Hispanic	415	430	440	555	875
American Indian	115	134	136	181	257
All other	2	1	1	5	7
No report	9	19	13	13	38
Life sciences	28,600	28,847	29,525	30,699	32,405
White	24,868	24,961	25,413	26,252	27,526
Asian	1,277	1,354	1,488	1,667	1,917
Black	1,201	1,209	1,261	1,297	1,366
Hispanic	828	855	884	975	1,051
American Indian	401	437	450	478	511
All other	15	16	18	17	15
No report	10	15	11	13	19
Agricultural extension	9	7	5	4	2
White	6	6	4	3	2
Asian	0	0	0	0	0
Black	2	1	1	1	0
Hispanic	0	0	0	0	0
American Indian	1	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Agronomy	271	271	275	274	260
White	245	245	249	246	227
Asian	5	6	6	6	6
Black	7	6	6	8	9
Hispanic	9	9	9	9	13
American Indian	5	5	5	5	5

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 3 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	0	0	0	0	0
Animal science	93	91	92	92	92
White	86	83	84	83	82
Asian	3	4	4	4	5
Black	2	2	2	2	2
Hispanic	1	1	1	2	2
American Indian	1	1	1	1	1
All other	0	0	0	0	0
No report	0	0	0	0	0
Botany	270	273	277	294	325
White	251	248	250	264	290
Asian	5	8	9	8	8
Black	3	4	3	4	5
Hispanic	7	8	9	14	17
American Indian	2	3	4	3	4
All other	2	2	2	1	1
No report	0	0	0	0	0
Ecology	788	774	796	879	979
White	746	734	752	828	922
Asian	10	11	14	15	21
Black	8	7	9	9	12
Hispanic	17	14	15	18	17
American Indian	6	8	5	7	6
All other	1	0	1	2	1
No report	0	0	0	0	0
Entomology	587	552	547	556	565
White	530	505	492	492	496
Asian	22	18	21	29	34
Black	7	6	6	5	6
Hispanic	25	19	23	26	26
American Indian	2	3	3	3	2
All other	0	0	1	1	1
No report	1	1	1	0	0
Environmental protection	3,679	3,625	3,644	3,663	3,713
White	3,055	2,972	2,981	2,978	3,037
Asian	178	175	178	177	184
Black	272	284	289	299	296
Hispanic	124	141	144	149	139
American Indian	49	50	51	56	54
All other	0	2	1	3	2
No report	1	1	0	1	1
Fishery biology	1,881	1,932	2,005	2,128	2,220
White	1,723	1,762	1,835	1,951	2,031
Asian	48	47	47	56	60
Black	36	36	36	34	34
Hispanic	45	50	50	50	55
American Indian	29	37	37	37	40
All other	0	0	0	0	0
No report	0	0	0	0	0
General biological sciences	9,034	9,495	10,023	10,758	11,664
White	7,827	8,185	8,575	9,126	9,759
Asian	458	523	614	737	899
Black	383	387	421	421	470
Hispanic	237	246	264	314	355
American Indian	122	145	142	151	171

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 4 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	5	5	5	3	3
No report	2	4	2	6	7
Genetics	330	322	334	346	367
White	286	285	287	292	301
Asian	31	25	30	36	44
Black	3	3	4	5	5
Hispanic	7	7	8	10	13
American Indian	1	1	2	2	3
All other	2	1	2	1	1
No report	0	0	1	0	0
Horticulture	106	105	100	101	96
White	97	95	90	93	87
Asian	6	6	6	6	8
Black	2	2	2	0	0
Hispanic	1	2	2	2	1
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Microbiology	1,941	2,000	2,064	2,117	2,230
White	1,548	1,566	1,588	1,608	1,651
Asian	229	261	287	314	342
Black	91	94	100	102	124
Hispanic	64	68	78	82	95
American Indian	7	7	7	8	10
All other	0	0	0	0	0
No report	2	4	4	3	8
Pharmacology	385	402	383	380	389
White	269	281	262	255	253
Asian	89	97	96	100	111
Black	16	15	14	14	14
Hispanic	6	4	6	6	7
American Indian	1	1	2	3	2
All other	0	0	0	0	0
No report	4	4	3	2	2
Physiology	413	410	396	385	359
White	369	368	356	346	320
Asian	34	30	30	28	29
Black	3	2	2	2	2
Hispanic	7	10	8	9	8
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Plant pathology	259	240	243	248	249
White	233	219	218	218	216
Asian	15	11	12	15	16
Black	6	6	7	8	8
Hispanic	2	1	3	4	5
American Indian	3	3	3	3	4
All other	0	0	0	0	0
No report	0	0	0	0	0
Plant physiology	258	230	222	222	216
White	228	211	202	202	195
Asian	23	16	17	17	18
Black	3	2	2	2	2
Hispanic	4	1	1	1	1
American Indian	0	0	0	0	0

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 5 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	0	0	0	0	0
Range conservation	925	909	904	901	942
White	844	831	821	814	854
Asian	2	3	2	3	3
Black	0	0	0	0	1
Hispanic	51	46	46	48	48
American Indian	28	29	35	36	36
All other	0	0	0	0	0
No report	0	0	0	0	0
Soil conservation	3,731	3,635	3,585	3,611	3,870
White	3,231	3,143	3,094	3,096	3,332
Asian	30	28	28	27	29
Black	252	245	248	260	259
Hispanic	120	121	117	125	140
American Indian	97	97	97	102	109
All other	1	1	1	1	1
No report	0	0	0	0	0
Soil science	1,312	1,273	1,270	1,300	1,311
White	1,167	1,130	1,129	1,150	1,165
Asian	20	16	16	15	17
Black	80	81	77	82	79
Hispanic	28	27	28	33	31
American Indian	17	19	20	20	19
All other	0	0	0	0	0
No report	0	0	0	0	0
Toxicology	301	309	320	330	341
White	239	243	250	253	255
Asian	45	46	46	47	55
Black	13	13	19	23	22
Hispanic	4	6	4	5	8
American Indian	0	0	1	1	0
All other	0	0	0	0	0
No report	0	1	0	1	1
Wildlife biology	1,936	1,897	1,945	2,012	2,124
White	1,801	1,758	1,803	1,862	1,967
Asian	22	21	23	24	25
Black	12	13	13	16	16
Hispanic	67	72	66	65	66
American Indian	30	28	35	40	45
All other	4	5	5	5	5
No report	0	0	0	0	0
Zoology	91	95	95	98	91
White	87	91	91	92	84
Asian	2	2	2	3	3
Black	0	0	0	0	0
Hispanic	2	2	2	3	4
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Physical sciences	23,927	23,639	23,442	23,561	23,851
White	20,897	20,569	20,346	20,352	20,501
Asian	1,465	1,490	1,494	1,567	1,632
Black	860	843	846	858	885
Hispanic	570	578	591	613	654
American Indian	117	133	141	146	146

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 6 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	14	13	15	15	12
No report	4	13	9	10	21
Astronomy and space sciences	465	457	448	449	438
White	441	433	423	421	408
Asian	11	11	12	13	13
Black	6	7	7	8	8
Hispanic	7	6	6	7	8
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	1
Chemistry	5,871	5,685	5,571	5,606	5,683
White	4,543	4,359	4,254	4,253	4,266
Asian	783	788	773	800	827
Black	342	330	329	331	345
Hispanic	179	181	187	192	206
American Indian	21	23	22	22	22
All other	0	0	1	1	2
No report	3	4	5	7	15
Geodesy	70	65	66	66	66
White	59	54	56	56	56
Asian	4	4	4	4	4
Black	6	6	5	5	5
Hispanic	1	1	1	1	1
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Geology	1,674	1,666	1,655	1,689	1,700
White	1,582	1,570	1,555	1,582	1,596
Asian	27	29	30	34	34
Black	20	20	21	21	20
Hispanic	29	29	29	32	30
American Indian	16	18	20	20	20
All other	0	0	0	0	0
No report	0	0	0	0	0
Geophysics	404	405	411	410	412
White	369	372	381	380	381
Asian	21	20	19	19	21
Black	4	3	4	4	4
Hispanic	6	6	4	4	4
American Indian	3	3	3	3	2
All other	1	1	0	0	0
No report	0	0	0	0	0
Health physics	659	648	650	644	644
White	554	538	538	531	528
Asian	45	50	48	44	45
Black	41	38	41	45	46
Hispanic	14	16	17	18	19
American Indian	5	5	6	6	6
All other	0	0	0	0	0
No report	0	1	0	0	0
Hydrology	2,382	2,361	2,370	2,384	2,426
White	2,230	2,208	2,215	2,224	2,266
Asian	52	50	46	52	51
Black	27	26	25	28	30
Hispanic	52	55	56	54	55
American Indian	17	19	22	21	21

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 7 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	4	3	5	5	3
No report	0	0	1	0	0
Meteorology	2,741	2,791	2,782	2,723	2,727
White	2,559	2,605	2,589	2,525	2,523
Asian	61	61	69	74	77
Black	57	59	59	57	60
Hispanic	52	53	52	52	53
American Indian	5	6	6	7	7
All other	7	7	7	8	7
No report	0	0	0	0	0
Oceanography	646	642	621	610	628
White	594	583	562	551	567
Asian	24	29	32	32	33
Black	15	14	14	13	13
Hispanic	13	15	13	14	15
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	1	0	0	0
Physics	2,788	2,659	2,598	2,565	2,580
White	2,528	2,409	2,341	2,286	2,296
Asian	164	158	161	175	179
Black	49	45	50	54	51
Hispanic	42	39	42	45	48
American Indian	5	6	4	3	2
All other	0	0	0	0	0
No report	0	2	0	2	4
Other	6,227	6,260	6,270	6,415	6,547
White	5,438	5,438	5,432	5,543	5,614
Asian	273	290	300	320	348
Black	293	295	291	292	303
Hispanic	175	177	184	194	215
American Indian	45	53	58	64	66
All other	2	2	2	1	0
No report	1	5	3	1	1
Social sciences	22,883	22,852	23,484	24,506	25,345
White	19,256	19,125	19,364	20,142	20,723
Asian	588	635	690	757	830
Black	1,903	1,905	2,209	2,345	2,439
Hispanic	848	892	922	950	1,028
American Indian	267	268	276	285	281
All other	8	10	13	14	13
No report	13	17	10	13	31
Agricultural market reporting	131	123	120	120	117
White	110	103	102	103	99
Asian	1	1	1	1	1
Black	14	13	12	10	10
Hispanic	4	4	3	4	5
American Indian	2	2	2	2	2
All other	0	0	0	0	0
No report	0	0	0	0	0
Agricultural markets	383	360	354	337	367
White	336	312	302	288	305
Asian	4	4	3	4	5
Black	27	26	31	31	39
Hispanic	15	15	15	14	18
American Indian	1	3	3	0	0

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 8 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	0	0	0	0	0
Anthropology	86	79	77	80	85
White	79	71	67	73	76
Asian	0	0	1	1	1
Black	1	1	1	1	1
Hispanic	3	3	3	2	2
American Indian	3	4	5	3	5
All other	0	0	0	0	0
No report	0	0	0	0	0
Archeology	814	794	832	904	911
White	751	740	772	840	845
Asian	9	7	9	10	10
Black	3	3	3	4	6
Hispanic	22	18	22	20	23
American Indian	27	25	25	28	26
All other	2	1	1	1	1
No report	0	0	0	1	0
Civil rights	41	39	43	44	40
White	13	11	12	13	10
Asian	2	2	3	2	3
Black	18	17	22	24	22
Hispanic	8	9	6	5	5
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Economics	5,004	4,482	4,426	4,508	4,496
White	4,348	3,842	3,773	3,825	3,807
Asian	205	213	228	243	243
Black	311	295	300	313	313
Hispanic	117	113	110	114	111
American Indian	20	18	14	12	11
All other	0	0	0	0	0
No report	3	1	1	1	11
Education research	52	57	59	57	62
White	40	44	45	43	50
Asian	3	3	3	3	4
Black	5	6	7	8	6
Hispanic	4	3	3	2	2
American Indian	0	1	1	1	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Foreign affairs	3,190	3,563	3,542	3,873	4,192
White	2,804	3,096	3,082	3,375	3,635
Asian	95	123	117	136	160
Black	160	179	191	201	219
Hispanic	117	150	137	142	166
American Indian	12	13	14	15	11
All other	0	0	0	0	0
No report	2	2	1	4	1
Foreign agricultural affairs	178	168	162	156	153
White	156	147	139	134	133
Asian	8	6	7	6	6
Black	13	14	14	13	12
Hispanic	0	1	2	2	1
American Indian	1	0	0	1	1

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 9 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	0	0	0	0	0
Geography	357	320	347	407	467
White	337	309	331	387	441
Asian	6	4	5	6	7
Black	8	4	4	8	10
Hispanic	2	1	3	2	5
American Indian	3	2	4	4	4
All other	1	0	0	0	0
No report	0	0	0	0	0
Intelligence	3,140	3,244	3,359	3,441	3,656
White	2,705	2,786	2,875	2,928	3,063
Asian	75	77	67	77	96
Black	178	193	206	213	238
Hispanic	160	160	185	193	219
American Indian	17	16	17	22	22
All other	2	6	7	7	7
No report	3	6	2	1	11
International cooperation	20	14	13	13	19
White	18	13	12	11	15
Asian	0	0	0	0	1
Black	2	1	1	2	3
Hispanic	0	0	0	0	0
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
International relations	132	139	154	174	192
White	122	125	136	154	169
Asian	2	2	5	7	8
Black	5	5	7	7	6
Hispanic	3	5	6	6	8
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	2	0	0	1
Manpower research and analysis	27	26	24	35	33
White	24	23	24	27	24
Asian	0	0	0	3	3
Black	2	2	0	3	4
Hispanic	1	1	0	2	2
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Psychology	3,370	3,538	3,610	3,683	3,725
White	3,033	3,149	3,177	3,255	3,282
Asian	46	67	85	78	92
Black	155	176	187	186	180
Hispanic	100	110	122	122	125
American Indian	34	34	37	40	43
All other	0	0	1	1	1
No report	2	2	1	1	2
Sociology	39	36	37	36	32
White	32	29	28	27	25
Asian	2	2	2	2	2
Black	4	4	5	5	3
Hispanic	0	0	0	0	0
American Indian	1	1	2	2	2

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 10 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	0	0	0	0	0
Trade	628	599	618	657	657
White	526	502	515	539	536
Asian	31	29	33	39	40
Black	32	33	38	43	50
Hispanic	37	33	31	35	31
American Indian	2	2	1	1	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Transportation industry	69	74	74	86	91
White	64	67	68	73	80
Asian	0	0	0	1	3
Black	4	5	5	10	6
Hispanic	1	2	1	2	2
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Unemployment insurance	93	90	82	78	78
White	65	65	58	55	55
Asian	0	0	1	0	1
Black	18	16	14	14	14
Hispanic	8	8	8	8	7
American Indian	2	1	1	1	1
All other	0	0	0	0	0
No report	0	0	0	0	0
Other	5,129	5,107	5,551	5,817	5,972
White	3,693	3,691	3,846	3,992	4,073
Asian	99	95	120	138	144
Hispanic	246	256	265	275	296
Black	943	912	1,161	1,249	1,297
American Indian	142	146	150	153	153
All other	3	3	4	5	4
No report	3	4	5	5	5
Engineers	86,230	83,590	82,606	83,157	85,358
White	69,505	67,119	66,250	66,383	67,772
Asian	8,767	8,620	8,548	8,742	9,169
Black	3,563	3,478	3,466	3,547	3,702
Hispanic	3,729	3,683	3,688	3,783	3,969
American Indian	631	613	617	642	658
All other	7	14	14	13	11
No report	28	63	23	47	77
Aerospace	7,578	7,451	7,519	7,734	8,025
White	6,462	6,317	6,358	6,509	6,730
Asian	496	506	520	554	588
Black	268	270	278	298	323
Hispanic	306	319	320	324	341
American Indian	46	39	43	47	42
All other	0	0	0	0	0
No report	0	0	0	2	1
Chemical	1,019	1,015	983	980	1,012
White	785	797	760	763	793
Asian	138	130	132	128	129
Black	39	38	39	35	38
Hispanic	52	48	50	50	48
American Indian	4	2	2	2	2

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 11 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	1	0	0	2	2
Civil	11,058	10,650	10,418	10,512	10,668
White	9,045	8,716	8,530	8,577	8,677
Asian	989	941	925	945	973
Black	338	338	326	353	356
Hispanic	528	502	492	491	512
American Indian	147	134	139	141	143
All other	3	3	2	2	1
No report	8	16	4	3	6
Electrical, electronics, and computer	27,449	26,430	25,771	25,953	26,703
White	21,045	20,146	19,652	19,635	20,012
Asian	3,623	3,552	3,469	3,572	3,794
Black	1,309	1,258	1,217	1,265	1,328
Hispanic	1,310	1,297	1,270	1,308	1,378
American Indian	153	154	154	161	167
All other	1	3	2	2	2
No report	8	20	7	10	22
Computer engineering	2,319	2,268	2,330	3,144	3,389
White	1,763	1,720	1,762	2,283	2,444
Asian	282	282	292	458	506
Black	148	139	144	197	216
Hispanic	112	115	118	190	204
American Indian	14	11	13	14	19
All other	0	0	0	0	0
No report	0	1	1	2	0
Electrical engineering	3,527	3,431	3,322	3,308	3,476
White	2,595	2,512	2,432	2,422	2,540
Asian	550	553	533	526	556
Black	201	183	174	179	190
Hispanic	158	155	161	160	165
American Indian	21	21	20	18	17
All other	0	0	0	0	0
No report	2	7	2	3	8
Electronics engineering	21,603	20,731	20,119	19,501	19,838
White	16,687	15,914	15,458	14,930	15,028
Asian	2,791	2,717	2,644	2,588	2,732
Black	960	936	899	889	922
Hispanic	1,040	1,027	991	958	1,009
American Indian	118	122	121	129	131
All other	1	3	2	2	2
No report	6	12	4	5	14
Industrial and related engineering	1,981	1,818	1,695	1,644	1,706
White	1,580	1,424	1,336	1,306	1,347
Asian	165	164	151	141	145
Black	131	128	123	116	120
Hispanic	89	83	72	67	74
American Indian	16	15	12	13	14
All other	0	0	0	0	0
No report	0	4	1	1	6
Fire prevention engineering	144	134	139	140	162
White	116	104	112	117	134
Asian	16	18	18	17	19
Black	10	10	8	5	7
Hispanic	1	1	0	0	1
American Indian	1	1	1	1	1

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 12 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	0	0	0	0	0
Safety engineering	506	491	470	474	467
White	399	382	368	366	356
Asian	45	46	44	44	38
Black	29	30	27	29	30
Hispanic	30	29	28	32	35
American Indian	3	3	3	3	3
All other	0	0	0	0	0
No report	0	1	0	0	5
Other industrial engineering	1,331	1,193	1,086	1,030	1,077
White	1,065	938	856	823	857
Asian	104	100	89	80	88
Black	92	88	88	82	83
Hispanic	58	53	44	35	38
American Indian	12	11	8	9	10
All other	0	0	0	0	0
No report	0	3	1	1	1
Other	27,994	27,295	27,524	27,508	27,930
White	23,087	22,419	22,535	22,403	22,606
Asian	2,356	2,350	2,383	2,442	2,547
Black	1,186	1,160	1,190	1,180	1,226
Hispanic	1,131	1,121	1,172	1,219	1,265
American Indian	225	225	227	235	245
All other	1	6	8	7	6
No report	8	14	9	22	35
Agricultural engineering	333	335	333	334	352
White	306	308	305	296	313
Asian	13	13	12	15	15
Black	6	6	7	10	10
Hispanic	4	4	6	9	9
American Indian	4	4	3	4	5
All other	0	0	0	0	0
No report	0	0	0	0	0
Biomedical engineering	277	257	260	274	278
White	233	216	223	231	233
Asian	26	23	21	23	25
Black	8	8	8	11	10
Hispanic	8	8	7	8	9
American Indian	2	2	1	1	1
All other	0	0	0	0	0
No report	0	0	0	0	0
Ceramic engineering	50	47	45	44	44
White	41	38	36	35	35
Asian	5	5	5	5	5
Black	3	3	3	3	3
Hispanic	1	1	1	1	1
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Environmental engineering	5,051	4,819	4,718	4,592	4,545
White	3,924	3,727	3,651	3,543	3,509
Asian	560	546	531	523	516
Black	261	244	245	239	235
Hispanic	271	264	255	246	243
American Indian	33	34	35	40	40

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 13 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	2	4	1	1	2
Materials and metallurgical engineering	1,070	1,045	1,057	1,057	1,086
White	893	859	872	875	898
Asian	98	102	101	100	102
Black	38	41	42	39	41
Hispanic	38	38	37	37	40
American Indian	3	4	5	6	4
All other	0	0	0	0	0
No report	0	1	0	0	1
Mechanical engineering	9,151	8,931	8,696	8,826	9,314
White	7,501	7,300	7,079	7,190	7,607
Asian	1,000	977	968	960	993
Black	292	286	293	300	311
Hispanic	313	313	312	324	351
American Indian	40	44	40	43	45
All other	2	2	2	2	2
No report	3	9	2	7	5
Metallurgy	122	112	101	95	93
White	105	96	84	81	79
Asian	15	15	16	13	13
Black	1	0	0	0	0
Hispanic	1	1	1	1	1
American Indian	0	0	0	0	0
All other	0	0	0	0	0
No report	0	0	0	0	0
Mining engineering	236	227	231	223	222
White	213	204	208	202	204
Asian	15	15	15	15	14
Black	2	2	2	0	0
Hispanic	4	4	4	4	3
American Indian	2	2	2	2	1
All other	0	0	0	0	0
No report	0	0	0	0	0
Naval architecture	761	744	737	739	767
White	652	631	635	636	655
Asian	78	78	73	74	76
Black	16	17	14	12	15
Hispanic	12	14	12	13	14
American Indian	3	3	3	3	3
All other	0	0	0	0	0
No report	0	1	0	1	4
Nuclear engineering	2,112	2,057	2,076	2,141	2,286
White	1,804	1,757	1,764	1,810	1,910
Asian	217	212	223	232	258
Black	40	44	44	41	48
Hispanic	32	27	27	28	37
American Indian	17	17	18	23	28
All other	0	0	0	0	0
No report	2	0	0	7	5
Petroleum engineering	319	317	317	310	306
White	278	277	276	268	268
Asian	17	17	17	17	17
Black	5	5	5	4	4
Hispanic	15	14	15	15	11
American Indian	4	4	4	6	6

TABLE H-29. Occupations of Federal scientists and engineers, by race/ethnicity 1998–2002

Page 14 of 14

Occupation and race/ethnicity	1998	1999	2000	2001	2002
All other	0	0	0	0	0
No report	0	0	0	0	0
Welding engineering	42	38	40	40	43
White	35	31	32	31	33
Asian	7	7	7	7	8
Black	0	0	0	0	0
Hispanic	0	0	0	1	1
American Indian	0	0	0	1	1
All other	0	0	0	0	0
No report	0	0	1	0	0
General engineering	17,621	17,297	17,609	17,659	17,908
White	14,603	14,275	14,449	14,395	14,469
Asian	1,305	1,317	1,362	1,418	1,498
Black	806	790	820	821	860
Hispanic	745	746	807	856	896
American Indian	157	155	156	149	156
All other	1	6	8	7	6
No report	4	8	7	13	23

SOURCE: Office of Personnel Management, tabulations from Central Personnel Data Files, 1998–2002.

TABLE H-30. Primary or secondary work activity of S&E doctorate holders employed in the private-for-profit sector, by age, sex, race/ethnicity, and disability status: 2001

Age in years and work activity	Race/ethnicity									
	All groups	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	No disability	With disability
All ages	182,130	30,860	151,280	127,450	47,540	3,090	3,610	370	172,860	9,270
Computer applications	39,380	4,700	34,680	23,360	14,590	660	710	S	37,600	1,780
Management/administration	86,040	14,820	71,210	65,080	17,550	1,410	1,760	190	81,540	4,490
Research and development	125,350	19,030	106,320	84,190	36,410	2,080	2,420	230	119,300	6,050
Teaching	3,560	1,180	2,380	2,820	530	120	80	S	3,390	170
Other	30,140	8,370	21,770	24,730	3,840	580	840	130	28,190	1,950
Younger than 35	21,720	5,610	16,100	12,890	7,610	530	630	50	21,390	320
Computer applications	6,000	1,140	4,860	3,190	2,530	90	190	S	5,900	100
Management/administration	7,200	2,100	5,100	4,760	1,970	220	230	S	7,100	100
Research and development	17,150	4,240	12,910	9,960	6,280	400	470	S	16,890	260
Teaching	390	180	210	240	120	S	S	S	390	S
Other	2,680	1,110	1,570	1,980	490	90	120	S	2,650	S
35-44	65,910	13,250	52,670	39,070	24,070	1,190	1,460	90	64,520	1,390
Computer applications	16,050	1,990	14,060	7,780	7,750	260	210	S	15,730	330
Management/administration	29,380	5,930	23,440	19,270	8,720	520	820	S	28,820	550
Research and development	48,880	9,210	39,670	28,330	18,710	750	1,000	60	47,830	1,060
Teaching	890	260	620	610	180	70	S	S	890	S
Other	8,070	2,680	5,390	5,620	1,900	230	320	S	7,900	170
45-54	54,700	8,580	46,120	42,090	10,540	1,010	880	150	51,360	3,340
Computer applications	10,290	1,210	9,080	6,760	3,050	220	250	S	9,630	660
Management/administration	28,610	4,860	23,750	23,100	4,470	460	440	100	26,910	1,700
Research and development	35,610	4,270	31,340	26,460	7,830	660	580	90	33,390	2,210
Teaching	1,150	450	700	980	110	S	S	S	1,100	50
Other	10,420	3,040	7,380	9,000	880	240	200	80	9,740	680
55 and older	39,810	3,420	36,390	33,400	5,320	370	630	80	35,590	4,220
Computer applications	7,040	360	6,680	5,630	1,260	80	60	S	6,340	700
Management/administration	20,850	1,930	18,930	17,950	2,400	210	250	S	18,710	2,140
Research and development	23,710	1,310	22,400	19,430	3,590	280	370	S	21,190	2,520
Teaching	1,140	280	850	990	120	S	S	S	1,020	120
Other	8,970	1,530	7,440	8,130	570	S	210	S	7,900	1,070

S suppressed because fewer than 50 weighted cases

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding and because total includes "other race/ethnicity" not shown separately. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-31. Demographic characteristics of employed S&E doctorate holders, by sex: 2001
(Percent)

Demographic characteristic	Both sexes	Female	Male
All S&E doctorate holders (number)	574,890	147,110	427,770
Age in 2001 (years)			
29 and younger	0.8	1.1	0.7
30-39	22.7	28.7	20.6
40-49	31.3	34.5	30.2
50 and older	45.3	35.8	48.5
Race/ethnicity			
White	79.1	79.7	78.9
Asian/Pacific Islander	15.3	12.6	16.2
Black	2.6	3.9	2.2
Hispanic	2.6	3.4	2.4
American Indian/Alaskan Native	0.3	0.3	0.3
Other race/ethnicity	0.0	0.1	0.0
Marital status			
Married	79.1	67.2	83.2
Widowed	0.9	1.5	0.7
Separated	1.0	1.2	0.9
Divorced	7.4	11.8	5.8
Never married	11.6	18.2	9.3
If married, spouse's employment status			
Employed			
Full time	54.3	84.4	45.9
Part time	17.4	6.4	20.5
Unemployed	28.3	9.2	33.6
If spouse is employed, field in which spouse's job required technical expertise at bachelor's level or above ^a			
Engineering, computer sciences, or natural sciences	36.3	50.2	31.1
Social sciences	21.9	21.0	22.2
Other	35.9	30.7	37.9
Children living in household			
No	50.1	55.2	48.4
Yes	49.9	44.8	51.6
Citizenship			
U.S. citizen			
Native	76.7	80.9	75.2
Naturalized	13.4	10.5	14.4
Non-U.S. citizen			
Permanent resident	7.0	6.0	7.3
Temporary resident	2.9	2.5	3.1

^a Percents represent the proportion responding "yes" to each category. Respondents could answer "yes" to more than one category.

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Figures rounded to nearest 10. Details may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-32. Demographic characteristics of employed S&E doctorate holders, by race/ethnicity and sex: 2001
(Percent distribution)

Demographic characteristic	All races/ethnicities			White			Asian/Pacific Islander			Black			Hispanic			American Indian/ Alaskan Native		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
S&E doctorate holders (number)	574,890	147,110	427,770	454,940	117,240	337,710	87,770	18,600	69,170	15,050	5,730	9,320	15,020	4,940	10,080	1,840	500	1,330
Age in 2001 (years)																		
29 and younger	0.8	1.1	0.7	0.8	1.0	0.7	1.0	1.9	0.8	1.0	1.3	0.9	0.8	0.9	0.7	0.4	0.7	0.3
30-39	22.7	28.7	20.6	19.3	25.0	17.3	39.3	50.9	36.2	22.0	27.0	18.9	28.1	34.7	24.8	19.6	21.4	18.9
40-49	31.3	34.5	30.2	30.4	34.6	28.9	34.8	32.5	35.4	33.5	34.9	32.7	37.2	39.1	36.3	23.3	31.8	20.1
50 and older	45.3	35.8	48.5	49.6	39.5	53.1	24.9	14.7	27.6	43.5	36.8	47.6	33.9	25.2	38.2	56.7	46.1	60.7
Marital status																		
Married	79.1	67.2	83.2	78.3	66.7	82.4	87.0	78.4	89.3	64.7	47.2	75.5	72.6	62.1	77.7	72.6	59.5	77.5
Widowed	0.9	1.5	0.7	1.0	1.7	0.7	0.5	0.6	0.5	1.1	1.9	0.6	0.3	0.1	0.5	0.7	2.6	0.0
Separated	1.0	1.2	0.9	1.0	1.1	1.0	0.6	0.7	0.6	3.5	4.9	2.7	1.8	2.3	1.5	0.7	1.3	0.4
Divorced	7.4	11.8	5.8	8.1	12.6	6.5	2.7	5.2	2.0	11.0	15.7	8.0	9.2	12.7	7.4	11.7	17.5	9.5
Never married	11.6	18.2	9.3	11.6	17.9	9.4	9.2	15.1	7.6	19.7	30.4	13.2	16.2	22.7	13.0	14.4	19.1	12.6
If married, spouse's employment status																		
Employed																		
Full time	54.3	84.4	45.9	52.6	83.7	43.9	59.2	89.0	52.1	69.0	84.3	63.1	59.8	84.2	50.2	54.9	66.0	51.7
Part time	17.4	6.4	20.5	19.2	7.1	22.6	10.7	2.4	12.6	9.5	3.7	11.8	13.7	6.0	16.7	23.5	21.6	24.1
Not employed	28.3	9.2	33.6	28.2	9.2	33.5	30.1	8.6	35.2	21.5	12.0	25.1	26.5	9.8	33.0	21.5	12.4	24.2
If spouse is employed, field in which spouse's job required technical expertise at bachelor's level or above ^a																		
Engineering, computer sciences, or natural sciences	36.3	50.2	31.1	31.2	45.5	25.7	62.8	78.7	57.6	27.3	35.1	23.7	35.2	48.3	28.3	26.1	44.4	20.0
Social sciences	21.9	21.0	22.2	22.9	22.6	22.9	14.6	11.2	15.8	29.9	26.0	31.6	30.5	22.8	34.6	24.6	17.4	27.0
Other	35.9	30.7	37.9	38.0	32.4	40.1	25.1	20.2	26.7	44.5	38.0	47.4	34.9	31.7	36.5	37.4	34.2	38.5
Children living in household																		
No	50.1	55.2	48.4	52.6	56.7	51.2	37.5	44.4	35.6	50.7	60.1	44.9	47.2	51.9	44.9	61.2	66.6	59.1
Yes	49.9	44.8	51.6	47.4	43.3	48.8	62.5	55.6	64.4	49.3	39.9	55.1	52.8	48.1	55.1	38.8	33.4	40.9
Citizenship																		
U.S. citizen																		
Native	76.7	80.9	75.2	90.8	92.3	90.3	8.4	13.2	7.1	65.0	85.0	52.8	56.5	59.6	55.0	97.5	100.0	96.5
Naturalized	13.4	10.5	14.4	5.4	4.2	5.8	52.1	47.2	53.4	21.3	9.7	28.4	23.8	24.1	23.6	2.4	0.0	3.3
Non-U.S. citizen																		
Permanent resident	7.0	6.0	7.3	2.7	2.5	2.7	27.9	28.1	27.9	9.3	3.6	12.9	13.2	9.5	15.1	0.0	0.0	0.0
Temporary resident	2.9	2.5	3.1	1.1	1.0	1.1	11.6	11.5	11.6	4.3	1.8	5.9	6.5	6.8	6.3	0.2	0.0	0.2

^a Percents represent the proportion responding "yes" to each category. Respondents could answer "yes" to more than one category.

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Figures rounded to nearest 10. Total includes "other race/ethnicity" not shown separately. Details may not add to total because of rounding.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-33. Demographic characteristics of employed S&E doctorate holders, by disability status and sex: 2001

(Percent)

Demographic characteristic	All doctorate holders			No disability			With disability		
	Total	Female	Male	Total	Female	Male	Total	Female	Male
Employed S&E doctorate holders (number)	574,890	147,110	427,770	539,260	139,280	399,980	35,630	7,840	27,800
Age in 2001 (years)									
29 and younger	0.8	1.1	0.7	0.8	1.1	0.7	0.3	0.2	0.3
30-39	22.7	28.7	20.6	23.7	29.7	21.7	6.4	10.7	5.1
40-49	31.3	34.5	30.2	31.8	34.5	30.8	24.0	33.2	21.4
50 and older	45.3	35.8	48.5	43.7	34.7	46.8	69.4	55.9	73.2
Race/ethnicity									
White	79.1	79.7	78.9	78.6	79.5	78.3	86.7	83.0	87.7
Asian/Pacific Islander	15.3	12.6	16.2	15.8	12.9	16.8	7.7	8.8	7.4
Black	2.6	3.9	2.2	2.6	3.9	2.2	2.2	3.7	1.7
Hispanic	2.6	3.4	2.4	2.6	3.3	2.3	2.8	3.7	2.5
American Indian/Alaskan Native	0.3	0.3	0.3	0.3	0.3	0.3	0.6	0.5	0.6
Other	0.0	0.1	0.0	0.0	0.1	0.0	0.1	0.4	0.0
Marital status									
Married	79.1	67.2	83.2	79.1	67.4	83.2	79.6	64.1	84.0
Widowed	0.9	1.5	0.7	0.9	1.5	0.7	1.5	2.6	1.1
Separated	1.0	1.2	0.9	1.0	1.3	0.9	1.2	1.0	1.2
Divorced	7.4	11.8	5.8	7.2	11.5	5.7	9.8	18.0	7.4
Never married	11.6	18.2	9.3	11.8	18.4	9.5	8.0	14.2	6.2
If married, spouse's employment status									
Employed									
Full time	54.3	84.4	45.9	54.4	84.6	45.9	52.4	81.1	46.2
Part time	17.4	6.4	20.5	17.2	6.4	20.3	20.1	6.0	23.1
Not employed	28.3	9.2	33.6	28.4	9.0	33.8	27.5	12.9	30.7
If spouse is employed, field in which spouse's job required technical expertise at bachelor's level or above ^a									
Engineering, computer sciences, or natural sciences	36.3	50.2	31.1	38.0	32.9	39.3	28.1	42.7	24.2
Social sciences	21.9	21.0	22.2	21.2	20.4	21.5	26.5	29.2	25.7
Other	35.9	30.7	37.9	34.2	28.0	36.6	38.0	32.9	39.3
Children living in household									
No	50.1	55.2	48.4	49.4	54.7	47.6	61.3	63.0	60.8
Yes	49.9	44.8	51.6	50.6	45.3	52.4	38.7	37.0	39.2
Citizenship									
U.S. citizen									
Native	76.7	80.9	75.2	76.1	80.7	74.5	86.1	85.4	86.3
Naturalized	13.4	10.5	14.4	13.6	10.7	14.7	10.0	7.5	10.7
Non-U.S. citizen									
Permanent resident	7.0	6.0	7.3	7.2	6.1	7.6	2.8	4.5	2.3
Temporary resident	2.9	2.5	3.1	3.0	2.5	3.2	1.1	2.6	0.6

^a Percents represent the proportion responding "yes" to each category. Respondents could answer "yes" to more than one category.

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Figures rounded to nearest 10. Details may who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.

TABLE H-34. Employed S&E doctorate holders with disabilities, by age at onset of disability: 2001

Age at onset (years)	Number	Percent distribution
All ages	35,630	100.0
Since birth	2,000	5.6
Younger than 10	2,140	6.0
10–19	3,160	8.9
20–29	3,530	9.9
30–39	4,220	11.8
40–49	11,560	32.4
50 or older	9,010	25.3

NOTES: Data are limited to those who earned a doctorate in an S&E field from a U.S. institution. Numbers rounded to nearest 10. Details may not add to total because of rounding. For disability status, those who reported any difficulty (from moderate to unable to do) in any category of seeing (with glasses/contact lenses), hearing (with hearing aid), walking, or lifting are classified as "with disability."

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Doctorate Recipients, 2001.