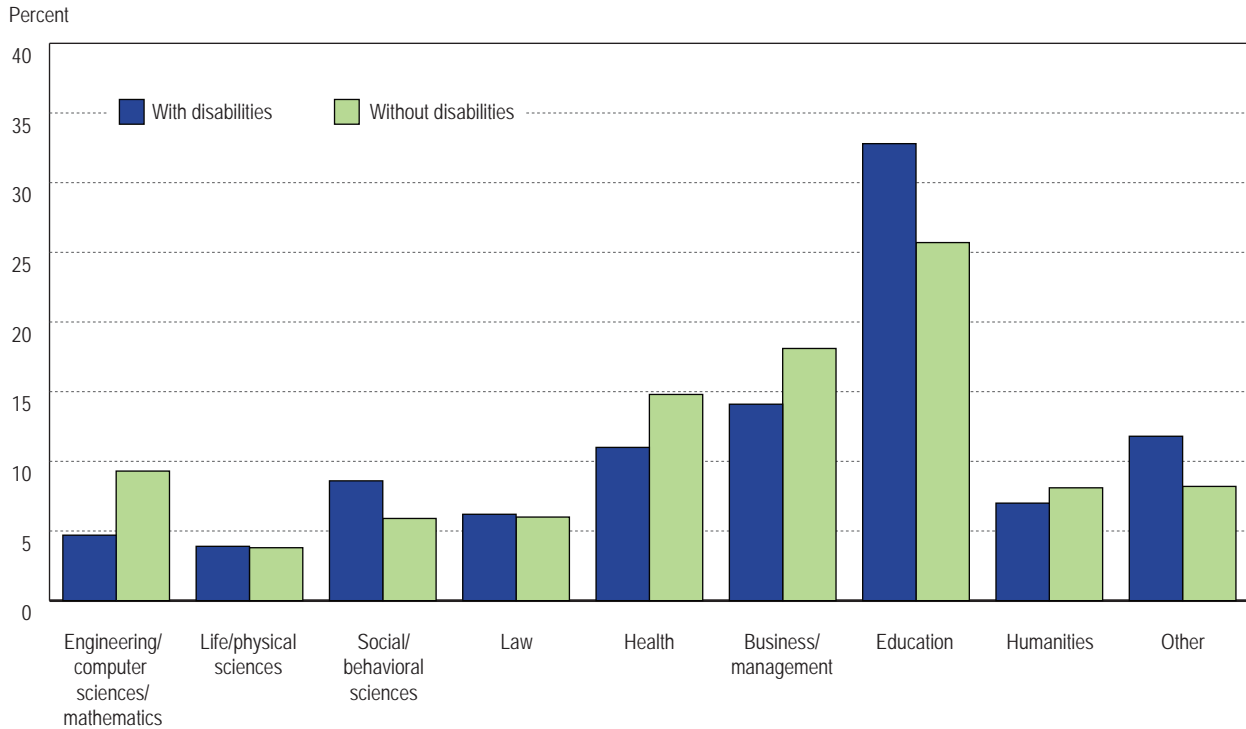


FIGURE D-3. Field distribution of graduate students, by disability status: 2004

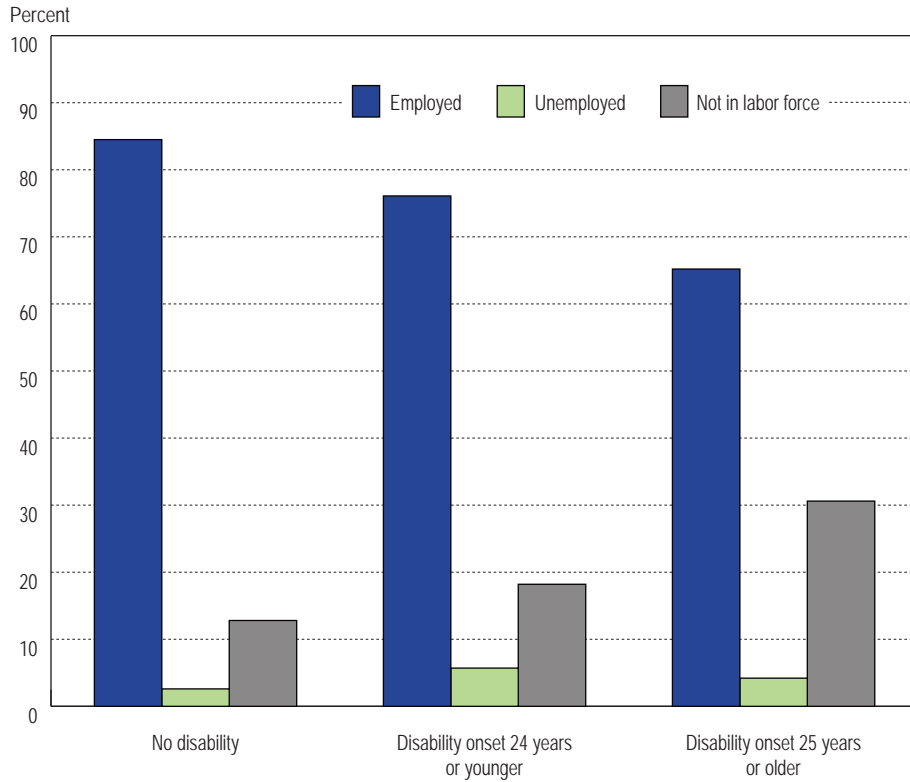


SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 2004.

Graduate students with disabilities differ somewhat from students without disabilities in their distribution across disciplines.

- A higher percentage of graduate students with disabilities than without disabilities were in social/behavioral sciences and in education.
- Similar percentages of graduate students with and without disabilities were enrolled in graduate programs in three broad field groups: life/physical sciences; humanities; and law in 2004.
- A lower percentage of graduate students with disabilities than without was in the combined engineering/computer sciences/mathematics fields.

FIGURE H-2. Employment status of scientists and engineers, by disability status and age at onset of disability: 2003

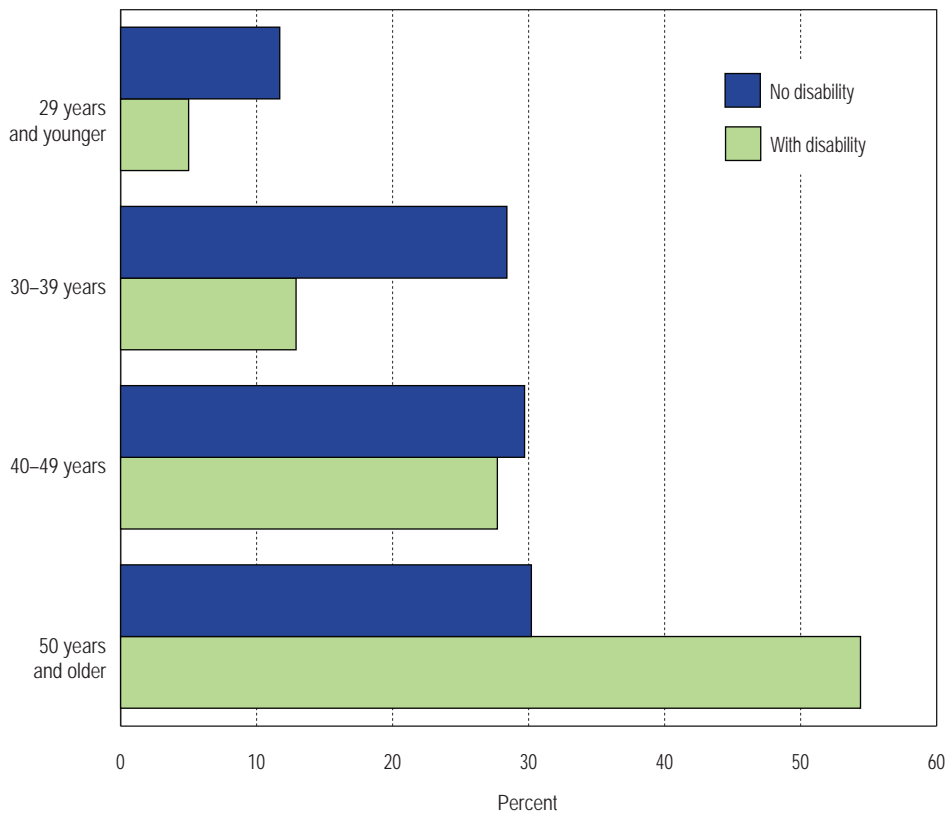


SOURCE: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT).

The labor force participation rates of scientists and engineers with and without disabilities are quite different, and among those with disabilities, age at onset is related to labor force participation.

- Almost a third (31 percent) of scientists and engineers whose disability occurred at age 25 or older were out of the labor force, compared with 18 percent of those whose disability occurred before age 25 and 13 percent of those without disabilities.
- Almost 6 percent of scientists and engineers whose disability occurred before age 25 and 4 percent of those whose disability occurred at age 25 or older were unemployed, compared with 3 percent of those without disabilities.

FIGURE H-4. Age distribution of employed scientists and engineers, by disability status: 2003

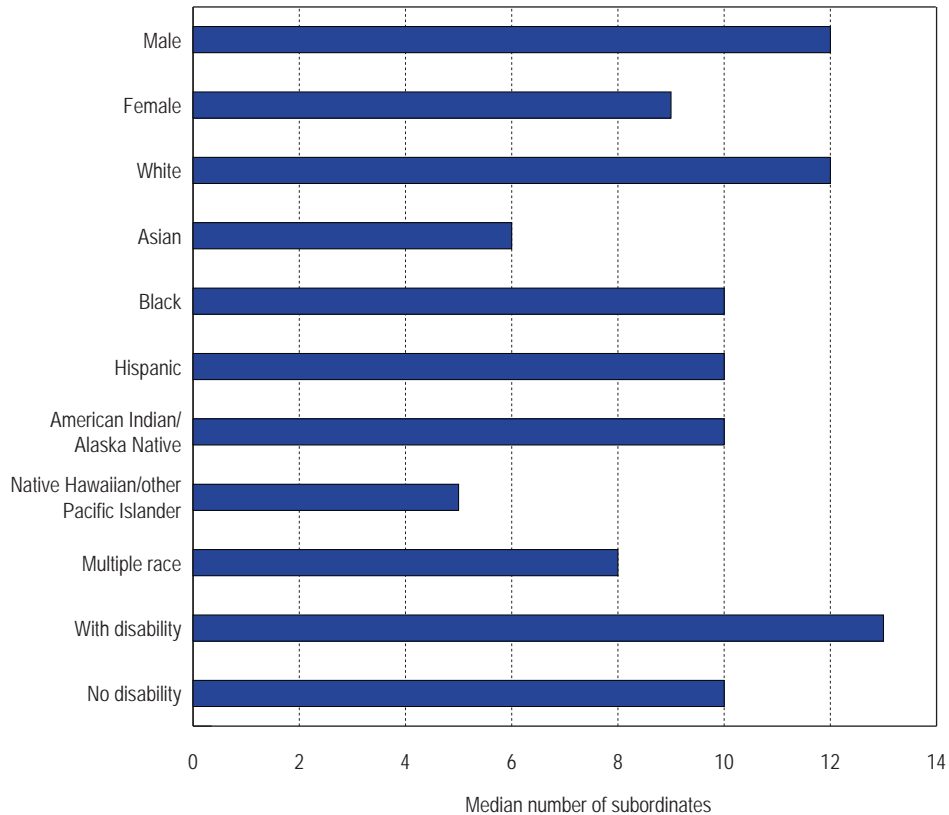


SOURCE: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT).

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

- Only 5 percent of employed scientists and engineers with disabilities were 29 or younger in 2003, compared with 12 percent of those without disabilities.
- Conversely, 54 percent of those with disabilities and 30 percent of those without were 50 or older.

FIGURE H-7. Median number of subordinates of scientists and engineers employed in business or industry, by sex, race/ethnicity, and disability status: 2003



NOTE: Includes only those with supervisory status.

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

Among supervisory scientists and engineers in business or industry, minorities, women, and those without disabilities have fewer subordinates than do whites, men, or those with disabilities.

- Men, on average, have 12 subordinates, compared to 9 for women.
- Asians and Native Hawaiians/other Pacific Islanders, have the fewest subordinates, 6 and 5, respectively, compared with 10 for blacks, Hispanics, and American Indians/Alaska Natives, and 12 for whites.
- Scientists and engineers with disabilities have, on average, 13 subordinates, compared with 10 for those without disabilities.
- Age differences are likely to account for some of these differences.

TABLE A-3. U.S. civilian noninstitutionalized population 5 years old and older, by disability status, type of disability, sex, and age: 2003

Disability status, type, and age (years)	Total		Male		Female	
	Number	Percent	Number	Percent	Number	Percent
5-15 years	44,973,893	100.0	23,016,345	100.0	21,957,548	100.0
With one type of disability	2,217,835	4.9	1,454,086	6.3	763,749	3.5
Sensory disability	260,575	0.6	138,330	0.6	122,245	0.6
Physical disability	190,034	0.4	95,189	0.4	94,845	0.4
Mental disability	1,751,816	3.9	1,211,741	5.3	540,075	2.5
Self-care disability	15,410	0.0	8,826	0.0	6,584	0.0
With two or more types of disability	587,770	1.3	367,090	1.6	220,680	1.0
Includes self-care disability	350,761	0.8	217,420	0.9	133,341	0.6
Does not include self-care disability	237,009	0.5	149,670	0.7	87,339	0.4
No disability	42,168,288	93.8	21,195,169	92.1	20,973,119	95.5
16-20 years	18,531,416	100.0	9,533,831	100.0	8,997,585	100.0
With one type of disability	762,930	4.1	453,980	4.8	308,950	3.4
Sensory disability	129,610	0.7	71,264	0.7	58,346	0.6
Physical disability	104,016	0.6	42,679	0.4	61,337	0.7
Mental disability	457,228	2.5	307,233	3.2	149,995	1.7
Self-care disability	3,721	0.0	1,553	0.0	2,168	0.0
Go-outside-home disability	14,033	0.1	6,612	0.1	7,421	0.1
Employment disability	54,322	0.3	24,639	0.3	29,683	0.3
With two or more types of disability	491,259	2.7	280,882	2.9	210,377	2.3
Includes self-care disability	124,656	0.7	66,757	0.7	57,899	0.6
Does not include self-care disability	366,603	2.0	214,125	2.2	152,478	1.7
Go-outside-home and employment only	22,179	0.1	12,852	0.1	9,327	0.1
Other combination	344,424	1.9	201,273	2.1	143,151	1.6
No disability	17,277,227	93.2	8,798,969	92.3	8,478,258	94.2
21-64 years	165,180,683	100.0	80,880,144	100.0	84,300,539	100.0
With one type of disability	8,487,491	5.1	4,221,247	5.2	4,266,244	5.1
Sensory disability	2,099,428	1.3	1,268,188	1.6	831,240	1.0
Physical disability	3,416,283	2.1	1,513,807	1.9	1,902,476	2.3
Mental disability	1,287,371	0.8	636,427	0.8	650,944	0.8
Self-care disability	39,064	0.0	15,286	0.0	23,778	0.0
Go-outside-home disability	127,836	0.1	46,515	0.1	81,321	0.1
Employment disability	1,517,509	0.9	741,024	0.9	776,485	0.9
With two or more types of disability	11,384,190	6.9	5,472,293	6.8	5,911,897	7.0
Includes self-care disability	3,300,651	2.0	1,471,901	1.8	1,828,750	2.2
Does not include self-care disability	8,083,539	4.9	4,000,392	4.9	4,083,147	4.8
Go-outside-home and employment only	341,477	0.2	152,512	0.2	188,965	0.2
Other combination	7,742,062	4.7	3,847,880	4.8	3,894,182	4.6
No disability	145,309,002	88.0	71,186,604	88.0	74,122,398	87.9
65 years and over	33,896,172	100.0	14,380,551	100.0	19,515,621	100.0
With one type of disability	6,048,108	17.8	2,693,238	18.7	3,354,870	17.2
Sensory disability	1,577,720	4.7	895,912	6.2	681,808	3.5
Physical disability	3,635,365	10.7	1,486,731	10.3	2,148,634	11.0
Mental disability	403,783	1.2	187,299	1.3	216,484	1.1
Self-care disability	35,280	0.1	16,141	0.1	19,139	0.1
Go-outside-home disability	395,960	1.2	107,155	0.7	288,805	1.5
With two or more types of disability	7,478,709	22.1	2,729,446	19.0	4,749,263	24.3
Includes self-care disability	3,152,279	9.3	1,089,580	7.6	2,062,699	10.6
Does not include self-care disability	4,326,430	12.8	1,639,866	11.4	2,686,564	13.8
No disability	20,369,355	60.1	8,957,867	62.3	11,411,488	58.5

NOTES: Data on disability status were derived from answers to two items in the American Community Survey. One asked about the existence of the following long-lasting conditions: blindness, deafness, severe vision or hearing impairment (sensory disability) or a condition that substantially limits physical activities such as walking, climbing stairs, reaching, lifting, or carrying (physical disability). The second question asked if the individual had a physical, mental, or emotional condition lasting 6 months or more that made it difficult to perform certain activities: (a) learning, remembering, or concentrating (mental disability); (b) dressing, bathing, or getting around inside the home (self-care disability); (c) going outside the home alone to shop or visit a doctor's office (go-outside-home disability); and (d) working at a job or business (employment disability). People aged 16 to 64 were classified by Census as having a disability if they responded yes to at least one of the above 6 conditions. People aged 5 to 15 were classified as having a disability if they reported any one of the four conditions: sensory disability, physical disability, mental disability, or self-care disability. People over 65 were classified as having a disability if they reported any one of five conditions: sensory disability, physical disability, mental disability, self-care disability, or go-outside-home disability. Data are based on a sample and are subject to sampling variability. See source table for confidence intervals for these estimates. Age categories drawn from published Census tables.

SOURCE: U.S. Bureau of the Census, 2003 American Community Survey Summary Tables, Table PCT037 http://www.census.gov/hhes/www/disability/data_title.html

TABLE B-6. Disability status of undergraduate students, by age, institution type, financial aid, and enrollment status: 2004

Age, institution type, financial aid, and status	All		
	undergraduates	No disability	With disability
All undergraduates	19,054,000	16,897,500	2,156,400
	Percent distribution		
Age (years)	100.0	100.0	100.0
15–23	56.8	58.2	45.8
24–29	17.3	17.6	15.5
30 and older	25.9	24.3	38.7
Institution type			
4-year	46.6	47.2	42.1
2-year	42.7	42.2	47.2
Less than 2-year	3.1	3.1	3.6
More than one institution	7.5	7.6	7.2
Financial aid			
Grants only	36.6	36.9	34.0
Loans only	13.4	13.4	13.2
Work study only	1.0	1.0	1.0
Other only	2.5	2.3	4.3
Grants and loans	28.5	28.4	30.0
Grants and work study	2.9	2.9	2.7
Grants, loans, and work study	6.1	6.2	5.4
Grants, loans, and other	3.5	3.5	3.6
Other combination	5.6	5.6	5.9
Enrollment status			
Full time			
Full year			
One institution	37.5	38.2	32.6
More than one institution	3.5	3.6	3.0
Part year	13.8	13.6	15.2
Part time			
Full year			
One institution	20.8	20.7	21.9
More than one institution	2.0	2.0	2.0
Part year	22.4	22.0	25.3

NOTES: For disability status, those who reported any type of disability related to blindness, deafness, severe vision or hearing impairment, substantial limitation of mobility, or any other physical, mental, or emotional condition that lasted 6 months or more were classified as "with disability." Differences in number of undergraduates in this table and tables B-1 through B-5 primarily reflect differences in the population of institutions surveyed. See U.S. Department of Education, National Center for Education Statistics, *Estimating Undergraduate Enrollment in Postsecondary Education Using National Center for Education Statistics Data* (NCES 2005-063) at <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2005063> for further explanation of these differences. Age categories used are consistent with those used in National Center for Education Statistics tables based on this survey.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 2004.

TABLE B-7. Major field of study of undergraduates, by disability status: 2004

Major field of study	All		
	undergraduates	No disability	With disability
All fields (number)	19,054,000	16,897,500	2,156,400
	Percent distribution		
All fields	100.0	100.0	100.0
Business/management	19.8	20.0	18.7
Education	8.5	8.6	8.1
Health	16.4	16.4	15.7
Humanities	13.2	13.1	13.8
S&E	26.7	26.7	26.9
Computer/information sciences	6.2	6.1	7.2
Engineering	5.3	5.4	4.5
Life sciences	4.9	4.9	4.7
Mathematics	0.6	0.6	0.4
Physical sciences	0.8	0.8	0.7
Social/behavioral sciences	8.9	8.8	9.3
Other	15.4	15.2	16.9

NOTES: For disability status, those who reported any type of disability related to blindness, deafness, severe vision or hearing impairment, substantial limitation of mobility, or any other physical, mental, or emotional condition that lasted 6 months or more were classified as "with disability." Differences in number of undergraduates in this table and tables B-1 through B-5 primarily reflect differences in the population of institutions surveyed. See U.S. Department of Education, National Center for Education Statistics, *Estimating Undergraduate Enrollment in Postsecondary Education Using National Center for Education Statistics Data* (NCES 2005-063) at <http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2005063> for further explanation of these differences.

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 2004.

TABLE D-8. Disability status of S&E graduate students, by sex, age, race/ethnicity, enrollment, and citizenship status: 2004

(Percent)

Sex, age, race/ethnicity, and enrollment and citizenship status	All students	No disability	With disability
All S&E graduate students	100.0	93.3	6.7
Female	44.3	43.5	57.2
Male	55.7	56.6	42.8
Age (years)			
15-23	15.1	15.6	7.5
24-29	44.8	45.0	41.4
39 and older	40.1	39.4	51.1
Race/ethnicity			
White	59.7	59.0	70.5
Asian	22.4	23.3	9.4
Black	7.1	7.2	5.5
Hispanic	6.3	6.2	8.5
American Indian/Alaska Native	0.6	0.6	0.0
Native Hawaiian/Pacific Islander	0.7	0.8	0.0
Other	1.4	1.5	0.6
More than one race	1.7	1.5	5.4
Enrollment status			
Mostly full time	70.0	70.4	64.9
Mostly part time	25.9	25.4	32.3
Mix of full and part time	4.1	4.2	2.8
Citizenship status			
U.S. citizen	73.0	72.0	88.1
Resident alien	5.8	5.8	5.8
Foreign/international student	21.2	22.2	6.1

NOTES: Enrollment status was determined by graduate student responses to the question, *Since you started working on your degree, have you been enrolled mainly as a full-time student or part-time student?* For disability status, those who reported any type of disability at all related to blindness, deafness, a severe vision or hearing impairment, substantial limitation of mobility, or any other physical, mental, or emotional condition that lasted 6 months or more are classified as "with disability."

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 2004.

TABLE D-9. Field distribution of graduate student enrollment, by disability status: 2004

(Percent distribution)

Field	All students	No disability	With disability
All fields	100.0	100.0	100.0
Business/management	17.8	18.1	14.1
Education	26.2	25.7	32.8
Health	14.6	14.8	11.0
Humanities	8.1	8.1	7.0
Law	6.0	6.0	6.2
S&E	18.9	19.0	17.3
Life/physical sciences	3.9	3.8	3.9
Math/Engineering/Computer science	9.0	9.3	4.7
Social/behavioral sciences	6.1	5.9	8.6
Others	8.5	8.2	11.8

SOURCE: U.S. Department of Education, National Center for Education Statistics, National Postsecondary Student Aid Study, 2004.

TABLE F-13. S&E doctorate recipients, by disability status: 1997–2005

Disability status	1997	1998	1999	2000	2001	2002	2003	2004	2005
All S&E doctorate recipients	27,229	27,273	25,931	25,966	25,496	24,582	25,274	26,272	27,974
No disability	26,909	26,951	25,594	25,638	25,156	24,254	24,961	25,986	27,667
With disability	320	322	337	328	340	328	313	286	307
Blind/visually impaired	39	55	54	49	39	26	28	22	24
Deaf/hard of hearing	45	36	40	38	48	42	48	33	40
Learning disabilities ^a	na	na	na	na	83	78	74	99	89
Physical/orthopedic disability	104	92	96	94	99	121	95	88	86
Vocal/speech disability	7	11	6	6	8	8	11	11	14
Other or more than one	98	96	110	110	58	48	52	28	49
Unspecified	27	32	31	31	5	5	5	5	5

na = not applicable.

^a Not included in survey before 2001.

NOTE: Respondents are asked if they have a disability and then are asked to mark one or more types of disability (blind/visually impaired, deaf/hard of hearing, physical/orthopedic disability, learning/cognitive disability, vocal/speech disability, or other disability).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 1997–2005.

TABLE F-14. Top baccalaureate institutions of S&E doctorate recipients with disabilities, by disability type: 2001–2005

Academic institution	All disabilities	Blind/visually impaired	Deaf/hard of hearing	Learning disabilities	Physical/orthopedic disability	Vocal/speech disability	Other/more than one	Unspecified
All institutions	1,574	139	211	423	489	52	235	25
Foreign	166	18	35	17	65	13	15	3
Unknown	39	5	5	7	12	1	8	1
Top 42 U.S.	456	39	64	140	120	15	71	7
University of California-Berkeley	34	3	1	16	4	1	8	1
Cornell University endowed colleges	20	2	3	4	6	0	5	0
University of Minnesota-Twin Cities	20	2	2	6	3	1	5	1
University of Maryland	16	1	2	3	5	1	4	0
University of California-Los Angeles	14	0	1	4	5	0	4	0
University of Michigan-Ann Arbor	14	0	2	4	2	0	5	1
University of Virginia	14	1	2	5	6	0	0	0
University of California-Davis	13	1	1	5	4	0	2	0
Brigham Young University	12	0	2	5	3	0	1	1
Pennsylvania State University	12	0	2	1	4	2	3	0
University of California-Santa Barbara	12	1	1	3	5	0	2	0
University of Florida	12	1	4	1	5	0	1	0
University of New Mexico	12	0	0	4	5	1	2	0
Princeton University	11	0	3	5	3	0	0	0
University of Washington	11	0	1	5	4	0	1	0
Texas A&M University	10	1	3	1	3	0	2	0
University of Arizona	10	0	1	6	3	0	0	0
University of California-San Diego	10	2	3	4	1	0	0	0
University of California-Santa Cruz	10	0	1	8	0	0	1	0
University of Massachusetts-Amherst	10	0	1	4	2	0	3	0
University of Pennsylvania	10	0	2	1	4	0	3	0
University of Wisconsin-Madison	10	0	1	1	3	2	3	0
California Polytechnic State University-San Luis Obispo	9	2	1	4	2	0	0	0
Duke University	9	0	2	3	3	0	0	1
Purdue University	9	1	1	2	4	0	1	0
University of Colorado-Boulder	9	1	0	3	2	0	3	0
University of Illinois-Urbana-Champaign	9	1	3	4	1	0	0	0
Virginia Polytechnic Institute & State University	9	1	2	2	1	1	1	1
Arizona State University	8	0	1	3	3	0	1	0
Harvard University	8	2	0	1	4	1	0	0
Michigan State University	8	3	2	2	1	0	0	0
Oberlin College	8	1	1	2	3	0	1	0
Ohio State University	8	1	1	3	1	0	2	0
Rutgers the State University of New Jersey New Brunswick	8	2	2	2	1	0	0	1
University of Texas-Austin	8	0	1	1	4	1	1	0
Columbia University	7	1	0	4	1	0	1	0
Rice University	7	1	2	1	0	2	1	0
San Francisco State University	7	2	1	2	2	0	0	0
Stanford University	7	1	2	1	0	1	2	0
SUNY Buffalo	7	0	1	2	4	0	0	0
University of South Florida	7	1	1	1	3	0	1	0
Yale University	7	3	1	1	0	1	1	0
Other U.S.	913	77	107	259	292	23	141	14

NOTE: Respondents are asked if they have a disability and then are asked to mark one or more types of disability (blind/visually impaired, deaf/hard of hearing, physical/orthopedic disability, learning/cognitive disability, vocal/speech disability, or other disability). Institutions with the same number of doctorate recipients are listed alphabetically.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2001–2005.

TABLE F-14. Top baccalaureate institutions of S&E doctorate recipients with disabilities, by disability type: 2000–2004

Academic institution	All disabilities	Blind/visually impaired	Deaf/hard of hearing	Learning disabilities ^a	Physical/orthopedic disability	Vocal/speech disability	Other/more than one	Unspecified
College of William & Mary	6	2	0	2	2	0	0	0
West Virginia University	6	1	0	1	4	0	0	0
Other U.S.	840	82	98	179	270	17	172	22

^a Not included in survey before 2001.

NOTE: Respondents are asked if they have a disability and then are asked to mark one or more types of disability (blind/visually impaired, deaf/hard of hearing, physical/orthopedic disability, learning/cognitive disability, vocal/speech disability, or other disability). Institutions with the same number of doctorate recipients are listed alphabetically.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2000–2004.

TABLE F-15. S&E doctorate recipients, by field and disability status: 2005

Field	All recipients	No disability		With disability	
		Number	Percent	Number	Percent
S&E	27,974	27,667	100.0	307	100.0
Science	21,570	21,298	77.0	272	88.6
Agricultural sciences	1,038	1,029	3.7	9	2.9
Biological sciences	6,368	6,301	22.8	67	21.8
Computer sciences	1,136	1,125	4.1	11	3.6
Earth, atmospheric, and ocean sciences	713	705	2.5	8	2.6
Atmospheric sciences	144	143	0.5	1	0.3
Earth sciences	420	414	1.5	6	2.0
Ocean sciences	149	148	0.5	1	0.3
Mathematics and statistics	1,203	1,195	4.3	8	2.6
Physical sciences	3,647	3,617	13.1	30	9.8
Astronomy	186	185	0.7	1	0.3
Chemistry	2,127	2,112	7.6	15	4.9
Physics	1,334	1,320	4.8	14	4.6
Psychology	3,327	3,256	11.8	71	23.1
Social sciences	4,138	4,070	14.7	68	22.1
Anthropology	499	489	1.8	10	3.3
Area/ethnic studies	110	108	0.4	2	0.7
Economics	1,184	1,175	4.2	9	2.9
History of science	43	43	0.2	0	
Linguistics	211	208	0.8	3	1.0
Political science	990	973	3.5	17	5.5
Sociology	555	542	2.0	13	4.2
Other	546	532	1.9	14	4.6
Engineering	6,404	6,369	23.0	35	11.4
Aerospace engineering	219	218	0.8	1	0.3
Chemical engineering	875	869	3.1	6	2.0
Civil engineering	757	752	2.7	5	1.6
Electrical engineering	1,852	1,847	6.7	5	1.6
Industrial engineering	222	220	0.8	2	0.7
Materials engineering	540	540	2.0	0	0.0
Mechanical engineering	978	972	3.5	6	2.0
Other	961	951	3.4	10	3.3

NOTE: Respondents are asked if they have a disability and then are asked to mark one or more types of disability (blind/visually impaired, deaf/hard of hearing, physical/orthopedic disability, learning/cognitive disability, vocal/speech disability, or other disability).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2005.

TABLE F-18. Primary source of support for U.S.-citizen and permanent-resident S&E doctorate recipients, by disability status: 2001–2005

(Percent distribution)

Primary source of support	All recipients	No disability	With disability
All recipients (number)	79,331	77,931	1,400
All sources	100.0	100.0	100.0
Personal/family funds	19.7	19.5	33.0
Loans	6.6	6.5	13.1
Savings	1.7	1.7	3.9
Other earnings in graduate school	5.7	5.6	8.6
Other family earnings or savings	5.7	5.7	7.4
Teaching assistantship	14.7	14.7	14.6
Research assistantship, traineeship, and internship	28.0	28.2	18.9
Research assistantship	25.2	25.4	15.6
Traineeship	2.2	2.2	1.8
Internship or residency	0.3	0.3	0.9
Other assistantship	0.3	0.3	0.6
Fellowship/scholarship and dissertation grant	29.0	29.0	26.5
Fellowship/scholarship	22.6	22.7	21.6
Grant/stipend	6.4	6.4	4.9
Employer reimbursement or assistance	3.3	3.3	4.2
Foreign	0.2	0.2	0.1
Other	0.1	0.1	0.8
Not reported	5.0	5.1	1.8

NOTE: Respondents are asked if they have a disability and then are asked to mark one or more types of disability (blind/visually impaired, deaf/hard of hearing, physical/orthopedic disability, learning/cognitive disability, vocal/speech disability, or other disability).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2001–2005.

TABLE F-22. S&E doctoral degrees awarded by leading institutions to persons with disabilities: 2001–2005

Academic institution	All disabilities	Blind/visually impaired	Deaf/hard of hearing	Learning disabilities	Physical/orthopedic disability	Vocal/speech disability	Other/more than one	Unspecified
All institutions	1,574	139	211	423	489	52	235	25
Top 49 institutions	814	72	115	226	243	27	120	11
University of California-Berkeley	48	7	3	10	19	0	8	1
University of Wisconsin-Madison	30	2	5	9	11	0	3	0
University of Texas-Austin	25	0	2	5	11	1	6	0
Pennsylvania State University main campus	24	3	3	7	6	0	5	0
University of Illinois at Urbana-Champaign	24	4	7	4	4	2	2	1
Harvard University	23	5	1	6	5	0	6	0
Texas A&M University College Station	23	2	8	5	6	0	1	1
University of California-Davis	23	1	2	12	5	0	3	0
University of Florida	23	2	5	4	9	0	3	0
University of New Mexico main campus	22	2	0	9	7	1	3	0
Stanford University	21	0	3	5	9	0	4	0
University of California-Los Angeles	20	1	2	8	7	1	1	0
University of Michigan-Ann Arbor	20	1	4	5	6	1	3	0
Virginia Polytechnic Institute and State University	19	1	2	5	9	1	0	1
Cornell endowed colleges	18	4	3	3	3	2	3	0
Northwestern University	18	3	2	6	3	1	2	1
University of Pennsylvania	18	0	4	6	5	2	1	0
University of Southern California	18	0	1	8	7	0	2	0
Ohio State University	17	1	1	6	4	2	2	1
University of Georgia	17	1	0	7	4	1	4	0
University of Washington-Seattle	17	1	3	7	3	1	2	0
SUNY Buffalo	16	1	2	4	9	0	0	0
University of Maryland-College Park	16	1	4	4	3	0	2	2
Arizona State University	15	1	7	2	3	1	1	0
Michigan State University	15	2	4	3	4	0	2	0
University of California-Santa Barbara	15	3	2	5	5	0	0	0
George Mason University	14	0	0	2	5	0	7	0
University of Arizona	14	1	0	4	7	0	2	0
University of Minnesota-Twin Cities	14	3	2	1	3	1	4	0
Yale University	14	3	2	4	1	0	3	1
Massachusetts Institute of Technology	13	1	2	4	3	2	1	0
University of Colorado-Boulder	13	2	4	2	3	1	1	0
University of Connecticut	13	2	1	7	1	1	1	0
University of Kentucky	13	0	3	6	2	0	2	0
California School of Professional Psychology-Alameda	12	0	3	5	2	0	2	0
North Carolina State University-Raleigh	12	2	4	2	3	0	1	0
Rutgers the State University of New Jersey New Brunswick	12	3	1	2	5	0	1	0
Duke University	11	0	2	3	1	1	3	1
University of California-San Diego	11	1	3	3	2	0	2	0
University of Chicago	11	0	0	4	2	1	3	1
University of Oklahoma-Norman	11	0	0	2	5	0	4	0
Walden University	11	0	2	2	4	0	3	0
CUNY Graduate School and University Center	10	0	0	3	6	0	1	0
Iowa State University	10	1	1	2	6	0	0	0
Southern Illinois University-Carbondale	10	1	2	3	2	0	2	0
SUNY Stony Brook	10	0	1	3	3	0	3	0
Texas Tech University	10	1	1	2	5	1	0	0
University of Kansas	10	0	1	5	2	1	1	0
Wayne State University	10	2	0	0	3	1	4	0
Other institutions	760	67	96	197	246	25	115	14

NOTE: Institutions with the same number of doctorate recipients are listed alphabetically.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2001–2005.

TABLE G-4. Location and type of postgraduate activity for U.S.-citizen and permanent-resident S&E doctoral degree recipients with definite postgraduate plans, by disability status: 2005

(Percent distribution)

Location and type of activity	All recipients	No disability	With disability
All doctoral degree recipients with definite plans (number)	11,161	10,988	173
All doctoral degree recipients with definite plans	100.0	100.0	100.0
United States	96.3	96.3	97.1
Academic employment	22.9	22.8	28.3
Industry employment	15.4	15.4	14.5
Postdoctoral study	45.7	45.8	37.6
Other	12.3	12.2	16.8
Abroad	3.7	3.7	2.9
Location unknown	0.0	0.0	0.0

S&E = Science and engineering.

NOTES: Definite postgraduate plans are defined as *Am returning to, or continuing in, predoctoral employment* or *Have signed contract or made definite commitment for other work or study* by doctoral degree recipients who responded to the question, *How definite are your immediate (within the next year) postgraduate plans?* "Other" includes elementary/secondary schools, government, nonprofit, and other/unknown.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2005.

TABLE H-8. Employed scientists and engineers, by occupation, highest degree level, and disability status: 2003

Occupation	All degrees			Bachelor's			Master's			Doctorate		
	Total	No disability	With disability	Total	No disability	With disability	Total	No disability	With disability	Total	No disability	With disability
All occupations	18,019,400	17,022,100	997,300	10,484,300	9,911,900	572,500	4,976,800	4,697,000	279,900	883,700	824,600	59,200
S&E occupations	4,927,500	4,678,100	249,500	2,799,200	2,663,100	136,200	1,453,300	1,382,900	70,400	581,800	543,700	38,100
Scientist	3,372,700	3,200,800	171,800	1,789,700	1,702,700	87,000	1,003,700	955,400	48,300	488,400	456,600	31,800
Biological/life scientist	554,500	523,600	31,000	195,500	183,100	12,300	128,700	121,800	7,000	171,600	161,500	10,100
Agricultural/food scientist	48,500	45,300	3,200	26,100	24,500	1,500	12,500	11,500	1,000	9,200	8,700	500
Biological/medical scientist	298,500	284,800	13,700	118,200	112,300	5,900	62,700	60,300	2,500	102,600	97,400	5,200
Forestry and conservation scientist	39,500	35,300	4,200	28,600	25,600	3,000	9,000	7,900	S	1,800	1,700	S
Postsecondary teacher	168,100	158,100	9,900	22,600	20,700	1,900	44,500	42,100	2,400	58,000	53,600	4,300
Computer and information scientist	1,883,400	1,796,600	86,800	1,292,700	1,231,200	61,500	526,900	505,300	21,600	53,400	50,500	2,900
Computer/information scientist	1,849,000	1,763,900	85,100	1,281,400	1,220,500	60,900	514,700	493,500	21,200	42,600	40,300	2,300
Postsecondary teacher	34,400	32,800	1,600	11,300	10,700	S	12,200	11,800	S	10,900	10,200	700
Mathematical scientist	125,100	117,100	8,000	38,700	36,400	2,300	51,300	47,800	3,500	33,000	31,300	1,800
Mathematical scientist	67,000	62,800	4,300	28,800	26,800	2,100	25,300	24,100	1,200	11,000	10,400	600
Postsecondary teacher	58,000	54,300	3,700	9,900	9,600	S	26,000	23,700	2,300	22,100	20,900	1,200
Physical scientist	315,100	299,500	15,600	139,400	134,400	5,000	82,900	78,300	4,600	90,500	85,300	5,200
Chemist, except biochemist	124,200	118,800	5,400	68,900	65,600	3,300	25,300	24,500	S	29,900	28,600	1,400
Earth scientist/geologist/oceanographer	71,300	67,200	4,100	33,300	32,300	1,000	27,200	25,500	1,700	10,200	9,400	800
Physicist/astronomer	30,500	29,300	1,200	5,100	5,100	S	8,300	8,100	S	16,800	15,900	900
Other physical scientist	37,300	36,300	1,000	22,300	21,700	S	10,200	9,900	S	4,000	3,900	100
Postsecondary teacher	51,700	47,900	3,900	9,800	9,700	S	12,100	10,300	S	29,600	27,600	2,100
Psychologist	212,000	197,200	14,800	15,900	15,400	S	107,600	100,400	7,200	74,700	68,700	6,000
Psychologist	180,800	168,900	11,900	14,000	13,500	S	99,800	93,700	6,100	54,600	50,400	4,200
Postsecondary teacher	31,200	28,300	3,000	1,900	1,900	S	7,800	6,700	1,100	20,100	18,300	1,900
Social scientist	282,600	266,900	15,700	107,600	102,100	5,500	106,200	101,800	4,400	65,000	59,300	5,700
Economist	34,500	32,700	1,800	8,800	8,400	S	16,500	15,700	S	8,500	7,900	600
Political scientist	14,200	12,700	1,500	8,600	7,600	S	4,000	3,800	S	1,500	1,200	300
Sociologist/anthropologist	21,700	20,200	1,500	8,700	7,800	S	7,900	7,700	S	5,100	4,800	300
Other social scientist	137,800	133,000	4,800	74,200	71,200	3,000	55,800	54,600	S	6,200	5,700	500
Postsecondary teacher	74,400	68,300	6,100	7,200	7,100	S	22,100	20,100	2,000	43,700	39,700	4,000
Engineer	1,554,900	1,477,200	77,600	1,009,500	960,300	49,200	449,600	427,500	22,100	93,400	87,100	6,300
Aerospace engineer	95,200	91,000	4,200	53,200	50,700	2,500	36,700	35,300	1,400	5,100	4,800	300
Chemical engineer	74,600	71,300	3,400	45,200	42,900	2,200	20,500	20,000	500	9,000	8,300	600
Civil engineer	247,300	233,500	13,800	173,800	163,800	10,000	68,300	64,800	3,500	5,100	4,800	300
Electrical engineer	367,400	352,400	15,100	228,900	221,200	7,700	117,500	111,100	6,400	20,700	19,900	900
Industrial engineer	85,700	81,000	4,700	60,500	57,900	2,600	22,600	21,400	1,100	2,400	1,500	S
Mechanical engineer	272,100	259,500	12,600	187,900	178,600	9,300	74,100	71,400	2,700	9,600	9,000	600
Other engineer	379,600	358,500	21,000	254,600	240,200	14,400	102,100	96,800	5,300	21,900	20,600	1,300
Postsecondary teacher	33,000	30,100	2,900	5,400	5,100	S	7,800	6,700	1,100	19,600	18,300	1,300

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE H-8. Employed scientists and engineers, by occupation, highest degree level, and disability status: 2003

Occupation	All degrees			Bachelor's			Master's			Doctorate		
	Total	No disability	With disability	Total	No disability	With disability	Total	No disability	With disability	Total	No disability	With disability
S&E related occupations	5,220,600	4,970,100	250,500	2,938,500	2,788,600	149,900	1,196,200	1,136,100	60,100	81,700	77,600	4,100
Health related occupation	3,404,800	3,262,300	142,500	1,812,700	1,730,500	82,200	568,300	545,600	22,800	33,700	32,000	1,600
S&E manager	385,700	370,100	15,600	219,200	210,800	8,400	135,300	130,000	5,300	26,000	24,300	1,700
S&E precollege teacher	715,900	667,200	48,700	356,800	331,300	25,400	341,100	318,300	22,800	11,900	11,500	400
S&E technician/technologist	499,600	473,700	25,900	401,100	379,700	21,400	89,400	85,200	4,200	7,500	7,300	300
Other S&E related occupation	214,500	196,700	17,700	148,700	136,300	12,500	62,100	57,000	5,100	2,600	2,500	S
Non-S&E occupations	7,871,300	7,373,900	497,400	4,746,600	4,460,200	286,400	2,327,400	2,178,000	149,400	220,200	203,300	17,000
Art, humanities and related occupation	247,700	237,100	10,600	159,900	153,700	6,200	73,700	70,400	3,400	9,600	8,800	800
Management related occupation	1,310,600	1,232,800	77,700	793,500	743,200	50,300	457,400	432,800	24,600	31,300	29,800	1,500
Non-S&E manager	919,700	865,800	53,900	455,300	428,500	26,800	362,100	341,500	20,600	73,400	68,300	5,000
Non-S&E postsecondary teacher	139,200	124,400	14,700	25,800	23,300	2,600	63,000	57,000	6,000	45,400	40,400	5,000
Non-S&E precollege teacher	599,800	566,400	33,300	303,600	287,700	15,800	283,100	265,800	17,300	8,100	7,900	200
Sales and marketing occupation	1,322,100	1,249,100	73,000	980,000	934,400	45,700	303,500	278,800	24,700	17,700	16,000	1,700
Social services and related occupation	621,000	577,800	43,100	240,000	227,100	12,900	352,800	325,100	27,700	12,300	11,600	800
Other non-S&E occupation	2,711,400	2,520,400	191,000	1,788,500	1,662,300	126,200	431,700	406,500	25,200	22,400	20,400	2,000

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers are rounded to nearest 100. Detail may not add to total because of rounding. All degrees includes professional degrees 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." Differences in estimates of scientists and engineers in the tables in this report reflect different data sources. Data from the Current Population Survey cover employed persons 16 years and older regardless of degree status. Data based on the SESTAT surveys cover persons with bachelor's or higher degrees who were either educated as or working as scientists or engineers.

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

TABLE H-9. Employment status of scientists and engineers, by age, sex, race/ethnicity, and disability status: 2003

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	21,644,100	15,958,600	2,041,000	19,800	595,000	1,418,500	1,611,200
Female	9,514,800	6,122,600	1,451,800	7,800	254,700	1,152,300	525,600
Male	12,129,300	9,836,000	589,200	12,000	340,300	266,300	1,085,600
White	16,863,200	12,226,000	1,715,300	12,500	406,600	1,088,100	1,414,600
Asian	2,048,800	1,560,400	155,800	5,700	94,000	174,400	58,400
Black	1,199,200	974,400	61,200	600	46,000	50,000	66,900
Hispanic	1,093,800	866,300	69,800	800	33,700	76,000	47,200
American Indian/Alaska Native	94,500	68,300	7,800	S	4,100	8,800	5,400
No disability	20,137,300	15,112,600	1,890,700	18,800	533,500	1,254,300	1,327,400
With disability	1,506,900	846,000	150,300	1,000	61,500	164,300	283,800
29 and younger	2,367,000	1,814,400	223,600	1,200	76,600	251,100	S
Female	1,316,800	957,100	148,000	500	40,600	170,600	S
Male	1,050,200	857,300	75,600	700	36,100	80,500	S
White	1,661,300	1,297,800	155,400	900	45,100	162,100	S
Asian	333,600	232,400	32,500	300	15,000	53,400	S
Black	147,900	116,800	12,200	S	7,200	11,600	S
Hispanic	153,500	116,500	13,300	S	6,900	16,700	S
American Indian/Alaska Native	7,500	5,500	1,000	S	S	1,000	S
No disability	2,307,700	1,769,300	218,800	1,200	72,600	245,700	S
With disability	59,300	45,100	4,800	S	4,000	5,400	S
30-39	5,575,500	4,440,300	510,100	14,500	152,500	454,300	3,800
Female	2,643,700	1,707,000	443,800	5,700	81,700	401,800	3,700
Male	2,931,800	2,733,300	66,300	8,800	70,800	52,600	S
White	4,079,700	3,215,600	419,000	9,100	88,200	344,500	3,200
Asian	684,700	541,900	47,000	4,500	30,700	60,600	S
Black	326,000	282,700	13,100	400	14,100	15,100	S
Hispanic	350,300	287,700	20,800	400	15,900	25,600	S
American Indian/Alaska Native	19,500	17,000	700	S	S	S	S
No disability	5,421,400	4,328,200	494,500	13,900	145,100	436,100	3,800
With disability	154,100	112,100	15,600	600	7,500	18,300	S
40-49	5,885,300	4,777,900	544,200	3,000	154,400	375,900	29,900
Female	2,703,600	1,814,200	464,200	1,200	68,600	335,900	19,500
Male	3,181,600	2,963,700	80,000	1,800	85,800	40,000	10,400
White	4,568,600	3,668,800	466,600	1,700	109,800	296,000	25,700
Asian	535,800	435,900	38,800	800	20,800	38,100	1,400
Black	342,000	308,000	10,800	100	11,300	10,300	S
Hispanic	329,700	279,700	19,500	300	6,400	23,200	S
American Indian/Alaska Native	36,100	25,000	2,700	S	S	5,600	S
No disability	5,541,700	4,543,100	503,100	2,700	136,200	330,700	25,900
With disability	343,600	234,800	41,200	200	18,200	45,200	4,000
50 and older	7,816,300	4,926,000	763,100	1,100	211,400	337,200	1,577,500
Female	2,850,700	1,644,300	395,800	400	63,800	244,000	502,400
Male	4,965,700	3,281,700	367,300	700	147,600	93,200	1,075,100
White	6,553,500	4,043,800	674,300	800	163,500	285,400	1,385,800
Asian	494,700	350,100	37,500	S	27,400	22,400	57,000
Black	383,300	266,900	25,100	S	13,400	13,100	64,900
Hispanic	260,200	182,400	16,200	100	4,500	10,600	46,500
American Indian/Alaska Native	31,300	20,900	3,400	S	S	2,100	4,800
No disability	6,866,400	4,472,000	674,400	1,000	179,600	241,800	1,297,700
With disability	949,900	454,000	88,700	200	31,800	95,400	279,800

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers are rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-10. Employment status of scientists and engineers with disabilities, by age at onset of disability: 2003

Employment status	All ages	Since birth	Younger than					50 years or older
			10 years	10-19 years	20-29 years	30-39 years	40-49 years	
All scientists and engineers	1,506,900	86,000	105,100	178,000	159,400	198,200	393,000	387,200
Employed in S&E occupations	499,900	36,700	39,400	77,000	62,500	65,800	136,000	82,400
Employed in non-S&E occupations	497,400	34,300	39,900	63,500	48,700	64,900	156,400	89,600
Not employed, seeking employment	61,500	1,800	5,300	11,200	10,800	8,900	13,800	9,800
Not employed, not seeking employment	448,100	13,200	20,500	26,200	37,400	58,500	86,800	205,400

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-11. Scientists and engineers employed part time, by preference for full-time employment and reason for working part time, sex, race/ethnicity, and disability status: 2003

Preference and reason for part time	Race/ethnicity									
	Total	Sex		White	Asian	Black	Hispanic	American Indian/Alaska Native	Disability status	
		Female	Male						No disability	With disability
All part time	2,041,900	1,452,200	589,700	1,716,000	156,000	61,300	69,900	7,900	1,891,600	150,300
Preference for full-time status										
Did not want	1,758,900	1,299,500	459,400	1,513,100	120,600	42,300	53,800	6,000	1,644,000	114,900
Wanted	283,000	152,700	130,300	202,900	35,400	19,000	16,100	1,900	247,600	35,400
Reason for part-time status										
Chronic illness or permanent disability	71,100	38,200	32,900	59,000	3,100	4,800	3,000	500	44,500	26,600
Did not need/want to work full time	661,800	531,500	130,300	594,700	31,400	12,600	14,000	1,300	624,700	37,200
Family responsibilities	763,300	709,200	54,100	660,400	56,000	8,500	26,400	1,700	733,200	30,000
Retired	384,700	114,900	269,800	341,500	14,900	16,200	7,000	1,900	335,500	49,200
Student	230,000	139,100	90,900	151,600	43,800	11,800	14,100	1,300	220,800	9,300
Suitable full-time job not available	221,000	125,600	95,400	163,500	26,400	12,500	11,200	1,900	200,800	20,200
Other	241,300	173,800	67,500	196,600	17,900	11,700	9,800	1,500	222,000	19,300

NOTES: Numbers are rounded to nearest 100. Detail may not add to total because of rounding and because respondents could select more than one reason. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

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: 2003

Reason for not working	Race/ethnicity									
	Total	Sex		White	Asian	Black	Hispanic	American Indian/ Alaska Native	Disability status	
		Female	Male						No disability	With disability
All not working	140,100	42,000	98,100	114,000	15,900	4,500	4,000	500	117,400	22,700
Chronic illness or permanent disability	6,800	1,800	4,900	4,900	900	600	400	S	2,500	4,200
Did not need/want to work	18,400	8,000	10,400	16,300	1,400	300	300	S	16,100	2,300
Family responsibilities	12,800	11,300	1,500	8,200	2,100	800	1,300	S	12,100	700
Laid off	12,100	3,200	8,900	8,200	3,300	400	100	S	11,300	800
Retired	97,400	18,300	79,100	84,300	7,400	2,600	1,700	300	79,400	18,000
Student	4,300	1,800	2,500	3,300	700	200	S	S	4,200	S
Suitable job not available	14,100	6,100	8,000	9,400	2,900	1,300	500	S	12,900	1,200
Other	6,600	3,500	3,100	4,700	1,400	100	300	S	5,300	1,300
	Percent distribution									
All not working	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Chronic illness or permanent disability	4.8	4.3	5.0	4.3	5.4	13.0	10.1	S	2.2	18.7
Did not need/want to work	13.1	19.1	10.6	14.3	9.0	5.9	6.5	S	13.7	9.9
Family responsibilities	9.1	26.9	1.5	7.2	13.4	18.4	32.0	S	10.3	3.1
Laid off	8.6	7.6	9.1	7.2	21.1	9.3	2.5	S	9.6	3.5
Retired	69.5	43.4	80.7	73.9	46.7	56.6	42.8	63.2	67.6	79.6
Student	3.0	4.2	2.5	2.9	4.5	4.5	S	S	3.6	S
Suitable job not available	10.1	14.4	8.2	8.3	18.1	28.2	11.9	S	11.0	5.4
Other	4.7	8.4	3.1	4.1	8.9	1.9	8.6	S	4.5	5.8

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers are rounded to nearest 100. Detail may not add to total because of rounding and because respondents could select more than one reason. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-13. Primary education/employment status and median salary of 2001 and 2002 S&E bachelor's degree recipients, by field, sex, race/ethnicity, and disability status: 2003

Field, sex, race/ethnicity, and disability status	All bachelor's degree recipients	Full-time student	Not full-time student				Median salary for full-time employed ^a (\$)
			S&E occupation	Employed in S&E-related occupation	Employed in non-S&E occupation	Not employed	
All S&E and health fields	937,700	222,000	157,700	129,500	358,700	69,800	36,000
Sciences	682,200	185,100	89,700	25,200	327,400	54,700	32,000
Female	383,600	106,100	34,300	18,600	189,900	34,700	30,000
Male	298,600	79,000	55,400	6,600	137,600	20,100	35,000
White	457,600	129,900	55,600	16,500	221,600	34,000	31,000
Asian	92,400	25,100	21,700	3,600	33,500	8,500	38,000
Underrepresented minority	132,200	30,200	12,400	5,100	72,300	12,200	32,000
No disability	652,300	179,000	85,800	23,700	313,000	50,800	32,000
With disability	29,800	6,000	3,900	1,500	14,500	3,900	34,000
Biological/life sciences	150,700	61,400	21,300	13,900	44,400	9,800	30,000
Female	89,200	34,000	12,400	9,800	26,400	6,600	29,000
Male	61,600	27,500	8,900	4,000	18,000	3,200	32,000
White	102,400	40,100	14,500	9,100	32,900	5,800	29,000
Asian	23,500	12,700	3,400	S	4,000	S	30,000
Underrepresented minority	24,900	8,600	3,400	2,900	7,400	2,500	32,000
No disability	146,500	60,500	21,100	13,000	42,600	9,200	30,000
With disability	4,300	900	S	S	1,700	S	33,000
Computer and information sciences	84,800	6,400	38,600	S	33,600	5,700	45,000
Female	24,700	2,500	9,300	S	11,500	1,400	44,000
Male	60,100	3,900	29,300	S	22,100	4,300	46,000
White	43,000	3,300	20,000	S	17,000	2,300	46,000
Asian	27,500	S	13,700	S	9,800	2,000	47,000
Underrepresented minority	14,300	1,200	4,900	S	6,800	1,400	40,000
No disability	79,400	6,300	35,800	S	31,800	5,100	45,000
With disability	5,400	S	2,800	S	1,800	S	50,000
Mathematical sciences	25,600	6,000	4,100	S	13,700	1,500	36,000
Female	11,800	2,100	2,200	S	6,500	900	35,000
Male	13,800	3,900	2,000	S	7,200	600	38,000
White	17,800	4,500	2,700	S	9,700	800	36,000
Asian	4,400	900	800	S	2,200	S	40,000
Underrepresented minority	3,400	700	600	S	1,800	300	36,000
No disability	24,100	5,800	3,900	S	12,800	1,400	37,000
With disability	1,500	S	S	S	900	S	34,000
Physical and related sciences	35,700	15,500	8,500	1,000	8,800	1,900	35,000
Female	16,800	7,100	3,700	900	4,200	1,000	34,000
Male	18,900	8,400	4,800	S	4,600	900	36,000
White	26,500	11,200	6,700	400	6,800	1,400	35,000
Asian	4,200	2,100	700	S	1,000	S	40,000
Underrepresented minority	5,000	2,200	1,100	500	1,000	200	34,000
No disability	34,600	15,100	8,200	1,000	8,400	1,900	35,000
With disability	1,100	500	300	S	300	S	35,000
Psychology	153,000	44,600	4,400	6,300	82,700	15,200	28,000
Female	114,200	31,800	2,100	5,400	62,200	12,700	28,000
Male	38,800	12,800	2,200	S	20,400	2,400	30,000
White	110,800	36,200	2,700	4,600	55,300	12,000	29,000
Asian	7,800	S	S	S	4,600	S	24,000
Underrepresented minority	34,400	7,800	1,000	S	22,700	2,500	28,000
No disability	146,200	43,500	4,400	5,800	78,400	14,200	29,000
With disability	6,800	1,100	S	S	4,200	S	27,000
Social and related sciences	232,300	51,000	12,900	3,400	144,400	20,600	30,000
Female	126,900	28,600	4,800	2,500	79,200	12,000	29,000
Male	105,300	22,500	8,100	900	65,200	8,600	35,000

TABLE H-13. Primary education/employment status and median salary of 2001 and 2002 S&E bachelor's degree recipients, by field, sex, race/ethnicity, and disability status: 2003

Field, sex, race/ethnicity, and disability status	All bachelor's degree recipients	Full-time student	Not full-time student				Median salary for full-time employed ^a (\$)
			S&E occupation	Employed in S&E-related occupation	Employed in non-S&E occupation	Not employed	
White	157,100	34,600	9,000	2,000	99,800	11,800	30,000
Asian	25,000	6,800	2,400	S	11,900	3,500	36,000
Underrepresented minority	50,200	9,700	1,400	1,000	32,700	5,300	30,000
No disability	221,600	47,800	12,600	3,200	138,900	19,100	30,000
With disability	10,700	3,200	S	S	5,500	1,500	30,000
Engineering	112,300	19,100	67,500	700	17,700	7,300	50,000
Female	24,000	4,100	13,300	300	4,100	2,200	49,000
Male	88,300	15,000	54,200	S	13,700	5,100	50,000
White	71,400	11,100	45,300	S	10,800	4,000	49,000
Asian	23,300	5,400	12,000	S	3,400	2,100	52,000
Underrepresented minority	17,600	2,700	10,200	S	3,500	1,200	48,000
No disability	108,600	18,500	65,200	600	17,400	6,900	50,000
With disability	3,700	600	2,200	S	300	S	48,000
Health	143,300	17,700	S	103,700	13,600	7,700	44,000
Female	122,800	13,500	S	90,500	11,100	7,400	44,000
Male	20,500	4,300	S	13,100	2,500	S	42,000
White	108,800	11,100	S	81,000	10,800	5,600	43,000
Asian	5,400	S	S	S	S	S	46,000
Underrepresented minority	29,100	4,600	S	19,500	2,700	2,100	43,000
No disability	140,900	17,500	S	102,700	13,100	7,100	43,000
With disability	2,400	S	S	S	S	S	46,000

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

^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: Numbers are rounded to nearest 100, and median salaries are rounded to nearest \$1,000. Detail may not add to total because of rounding. The underrepresented minority category includes black, Hispanic, American Indian/Alaska Native, and Native Hawaiian/other Pacific Islander. 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, 2003.

TABLE H-14. Primary education/employment status and median salary of 2001 and 2002 S&E master's degree recipients, by field, sex, race/ethnicity, and disability status: 2003

Field, sex, race/ethnicity, and disability status	All master's degree recipients	Full-time student	Not full-time student				Median salary for full-time employed ^a (\$)
			Employed in S&E occupation	Employed in S&E-related occupation	Employed in non-S&E occupation	Not employed	
All S&E and health fields	246,700	40,900	75,800	58,900	51,600	19,400	52,000
Sciences	117,000	27,900	42,000	2,000	36,200	9,000	45,000
Female	62,800	14,400	18,900	1,600	22,000	5,900	40,000
Male	54,200	13,500	23,000	400	14,200	3,100	50,000
White	64,200	13,100	21,400	1,700	24,700	3,300	42,000
Asian	37,100	10,600	16,500	S	5,300	4,500	56,000
Underrepresented minority	15,700	4,200	4,100	200	6,100	1,100	43,000
No disability	112,100	26,300	40,700	2,000	34,500	8,600	45,000
With disability	4,900	1,600	1,300	S	1,700	300	40,000
Biological/life sciences	16,800	4,500	7,300	1,300	2,800	800	41,000
Female	9,400	2,400	3,600	1,200	1,600	700	38,000
Male	7,400	2,200	3,800	S	1,200	S	42,000
White	11,300	2,500	5,200	1,100	2,100	500	41,000
Asian	3,600	1,300	1,900	S	S	S	40,000
Underrepresented minority	1,900	700	300	S	500	200	38,000
No disability	16,400	4,300	7,200	1,300	2,800	800	41,000
With disability	400	S	S	S	S	S	39,000
Computer and information sciences	27,200	4,800	13,600	S	4,900	4,000	60,000
Female	10,200	2,200	4,400	S	1,500	2,100	58,000
Male	17,000	2,600	9,100	S	3,400	1,900	67,000
White	4,800	700	1,500	S	2,300	S	70,000
Asian	20,600	3,900	11,200	S	2,200	3,200	60,000
Underrepresented minority	1,800	S	900	S	300	400	54,000
No disability	26,000	4,500	13,100	S	4,400	3,900	63,000
With disability	1,200	S	S	S	S	S	50,000
Mathematical sciences	5,900	1,800	2,700	S	1,000	400	55,000
Female	2,300	500	1,000	S	500	300	51,000
Male	3,600	1,300	1,700	S	500	S	57,000
White	2,500	700	1,300	S	500	S	50,000
Asian	2,900	1,000	1,200	S	500	S	57,000
Underrepresented minority	400	100	200	S	100	S	55,000
No disability	5,900	1,800	2,700	S	1,000	400	55,000
With disability	S	S	S	S	S	S	S
Physical and related sciences	9,600	3,100	4,800	S	1,300	400	50,000
Female	3,400	700	1,800	S	600	200	45,000
Male	6,200	2,400	3,000	S	700	S	52,000
White	5,400	1,500	2,800	S	900	200	50,000
Asian	2,900	1,200	1,300	S	S	S	54,000
Underrepresented minority	1,300	400	700	S	100	S	48,000
No disability	9,300	3,000	4,700	S	1,300	400	50,000
With disability	200	S	S	S	S	S	62,000
Psychology	32,000	6,800	9,200	S	14,400	1,100	38,000
Female	23,500	4,500	6,500	S	11,300	900	38,000
Male	8,400	2,300	2,700	S	3,200	S	37,000
White	23,700	3,900	7,600	S	11,100	800	37,000
Asian	2,700	S	S	S	S	S	46,000
Underrepresented minority	5,600	1,500	1,100	S	2,700	300	38,000
No disability	29,900	6,600	8,600	S	13,500	900	38,000
With disability	2,000	S	S	S	1,000	S	30,000
Social and related sciences	25,500	6,800	4,400	300	11,700	2,400	43,000
Female	14,000	4,100	1,600	S	6,500	1,600	41,000
Male	11,600	2,700	2,700	S	5,200	800	43,000
White	16,500	3,800	3,100	S	7,900	1,400	43,000

TABLE H-14. Primary education/employment status and median salary of 2001 and 2002 S&E master's degree recipients, by field, sex, race/ethnicity, and disability status: 2003

Field, sex, race/ethnicity, and disability status	All master's degree recipients	Full-time student	Not full-time student				Median salary for full-time employed ^a (\$)
			Employed in S&E occupation	Employed in S&E-related occupation	Employed in non-S&E occupation	Not employed	
Asian	4,300	1,600	S	S	1,600	800	43,000
Underrepresented minority	4,700	1,300	900	S	2,300	200	42,000
No disability	24,600	6,100	4,400	300	11,400	2,300	43,000
With disability	1,000	600	S	S	300	S	45,000
Engineering	47,000	10,800	29,900	S	3,600	2,600	65,000
Female	9,200	2,000	5,200	S	900	1,000	60,000
Male	37,800	8,800	24,700	S	2,800	1,600	65,000
White	18,900	2,200	13,700	S	2,200	700	65,000
Asian	23,900	7,500	13,600	S	1,100	1,700	64,000
Underrepresented minority	4,200	1,100	2,600	S	300	200	65,000
No disability	45,700	10,600	29,100	S	3,500	2,400	65,000
With disability	1,300	S	700	S	S	S	65,000
Health	82,700	2,300	3,900	56,800	11,800	7,900	53,000
Female	64,300	S	2,600	45,500	7,300	7,900	50,000
Male	18,400	S	S	11,300	4,500	S	56,000
White	68,100	S	S	49,900	7,800	6,800	53,000
Asian	4,100	S	S	S	S	S	58,000
Underrepresented minority	10,500	S	1,900	3,400	4,000	S	52,000
No disability	79,200	2,300	3,900	55,400	11,000	6,600	53,000
With disability	3,500	S	S	S	S	S	43,000

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: Numbers are rounded to nearest 100, and median salaries are rounded to nearest \$1,000. Detail may not add to total because of rounding. The underrepresented minority category includes black, Hispanic, American Indian/Alaska Native, and Native Hawaiian/other Pacific Islander. 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, 2003.

TABLE H-15. Employment status and median salary of 2001 and 2002 S&E doctoral degree recipients, by broad field of doctorate, sex, race/ethnicity, and disability status: 2003

Field, sex, race/ethnicity, and disability status	All recipients	Employed				Not employed		Median salary for full-time employed ^a (\$)
		Total	Full time	Part time	Postdoc appointment	Seeking work	Not seeking work	
All S&E fields	49,700	47,400	33,100	2,900	11,400	1,100	1,200	53,000
Female	20,200	18,900	12,400	2,100	4,400	500	900	50,000
Male	29,500	28,500	20,700	800	7,000	600	400	55,000
White	32,500	31,100	21,500	2,300	7,300	700	700	52,000
Asian	12,300	11,600	8,000	300	3,300	300	400	60,000
Black	2,500	2,400	1,900	100	300	S	S	55,000
Hispanic	1,900	1,800	1,300	100	400	S	100	51,000
American Indian/Alaska Native	300	200	200	S	S	S	S	56,000
No disability	47,500	45,300	31,700	2,700	10,900	1,100	1,100	53,000
With disability	2,200	2,100	1,400	200	500	S	S	55,000
Sciences	37,600	35,700	23,300	2,400	10,000	800	1,000	50,000
Female	16,600	15,400	9,600	1,800	4,000	400	800	48,000
Male	21,000	20,300	13,700	600	6,000	400	300	50,000
White	26,200	24,900	16,300	1,900	6,700	700	700	50,000
Asian	7,600	7,200	4,300	200	2,700	100	300	48,000
Black	1,900	1,900	1,400	100	300	S	S	50,000
Hispanic	1,500	1,400	1,000	100	300	S	100	49,000
American Indian/Alaska Native	200	200	100	S	S	S	S	50,000
No disability	35,800	34,100	22,300	2,200	9,500	800	1,000	50,000
With disability	1,700	1,600	1,000	200	500	S	S	48,000
Biological/life sciences	12,500	11,700	5,600	300	5,800	300	500	41,000
Female	5,500	5,000	2,200	200	2,600	100	300	40,000
Male	6,900	6,700	3,400	S	3,200	S	100	42,000
White	8,100	7,700	3,600	300	3,800	200	300	41,000
Asian	3,200	3,000	1,300	S	1,600	100	200	40,000
Black	500	500	300	S	100	S	S	45,000
Hispanic	500	500	300	S	200	S	S	45,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
No disability	12,000	11,300	5,400	300	5,600	300	500	41,000
With disability	400	400	200	S	200	S	S	38,000
Computer and information sciences	1,600	1,500	1,300	S	100	S	S	78,000
Female	300	300	200	S	S	S	S	75,000
Male	1,300	1,200	1,100	S	S	S	S	78,000
White	900	800	700	S	S	S	S	72,000
Asian	500	500	500	S	S	S	S	84,000
Black	100	100	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
No disability	1,500	1,500	1,300	S	100	S	S	78,000
With disability	S	S	S	S	S	S	S	S
Health sciences	3,100	3,000	2,400	300	400	S	S	59,000
Female	2,000	1,900	1,500	300	200	S	S	60,000
Male	1,100	1,100	900	S	100	S	S	55,000
White	2,100	2,100	1,600	300	200	S	S	59,000
Asian	600	600	500	S	100	S	S	62,000
Black	200	200	200	S	S	S	S	67,000
Hispanic	100	100	S	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
No disability	3,000	2,900	2,300	300	300	S	S	59,000
With disability	S	S	S	S	S	S	S	S
Mathematical sciences	1,900	1,800	1,400	S	400	S	S	57,000
Female	600	500	300	S	200	S	S	50,000
Male	1,300	1,300	1,100	S	200	S	S	60,000
White	1,300	1,300	900	S	300	S	S	57,000
Asian	400	400	300	S	S	S	S	60,000

TABLE H-15. Employment status and median salary of 2001 and 2002 S&E doctoral degree recipients, by broad field of doctorate, sex, race/ethnicity, and disability status: 2003

Field, sex, race/ethnicity, and disability status	All recipients	Employed				Not employed		Median salary for full-time employed ^a (\$)
		Total	Full time	Part time	Postdoc appointment	Seeking work	Not seeking work	
Black	100	100	S	S	S	S	S	S
Hispanic	100	100	S	S	S	S	S	S
No disability	1,800	1,700	1,300	S	400	S	S	58,000
With disability	S	S	S	S	S	S	S	S
Physical and related sciences	7,400	7,100	4,500	200	2,300	S	200	55,000
Female	2,000	1,800	1,300	100	400	S	100	58,000
Male	5,400	5,300	3,300	100	1,900	S	S	54,000
White	4,900	4,700	3,000	200	1,500	S	200	56,000
Asian	1,900	1,900	1,100	S	700	S	S	50,000
Black	300	300	200	S	S	S	S	52,000
Hispanic	200	200	100	S	100	S	S	57,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
No disability	7,200	6,900	4,500	200	2,200	S	200	55,000
With disability	200	200	S	S	S	S	S	33,000
Psychology	7,300	6,900	4,800	1,100	1,000	200	200	50,000
Female	5,100	4,800	3,100	1,100	600	S	100	51,000
Male	2,300	2,100	1,700	S	400	S	S	50,000
White	5,900	5,600	3,900	1,000	700	200	S	50,000
Asian	500	500	300	S	200	S	S	45,000
Black	500	500	300	S	100	S	S	50,000
Hispanic	300	300	200	100	S	S	S	51,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
No disability	6,700	6,400	4,400	1,000	900	100	200	50,000
With disability	600	500	400	S	S	S	S	60,000
Social sciences	6,900	6,600	5,600	600	400	200	200	52,000
Female	3,200	2,900	2,400	300	200	S	100	50,000
Male	3,800	3,700	3,200	300	200	S	S	53,000
White	5,100	4,800	4,100	400	300	200	100	50,000
Asian	900	900	800	S	S	S	S	60,000
Black	500	500	400	S	S	S	S	54,000
Hispanic	300	300	300	S	S	S	S	49,000
American Indian/Alaska Native	100	100	S	S	S	S	S	S
No disability	6,600	6,300	5,400	500	400	200	100	52,000
With disability	400	300	300	S	S	S	S	48,000
Engineering	9,100	8,700	7,500	200	1,000	300	100	73,000
Female	1,600	1,600	1,300	S	200	S	S	78,000
Male	7,400	7,100	6,100	200	800	200	S	72,000
White	4,200	4,200	3,600	S	500	S	S	72,000
Asian	4,100	3,800	3,300	S	500	200	S	74,000
Black	300	300	300	S	S	S	S	78,000
Hispanic	300	300	300	S	S	S	S	70,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
No disability	8,700	8,300	7,100	200	1,000	S	S	71,000
With disability	400	400	400	S	S	S	S	82,000

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: Numbers are rounded to nearest 10 and median salaries to nearest \$1,000. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, 2003.

TABLE H-18. Median annual salary of scientists and engineers employed full time, by broad occupation, age, and disability status: 2003

(Dollars)

Occupation and age (years)	Total	No disability	With disability
All occupations	60,000	60,000	56,000
29 and younger	40,000	40,000	39,000
30-39	58,500	59,000	48,000
40-49	68,000	69,000	59,000
50 and older	65,000	65,000	60,000
S&E occupations	69,500	69,800	68,000
29 and younger	49,000	49,000	49,000
30-39	65,000	65,000	62,000
40-49	75,000	75,100	68,000
50 and older	76,000	76,000	75,000
Scientist	65,000	65,000	63,000
29 and younger	45,000	45,000	45,600
30-39	64,000	64,000	60,500
40-49	72,000	72,100	61,000
50 and older	72,000	72,000	70,000
Biological/life scientist	52,000	52,000	53,800
29 and younger	32,000	32,000	20,000
30-39	48,000	48,000	45,600
40-49	60,000	60,000	54,000
50 and older	68,000	69,000	58,000
Computer and information scientist	70,000	70,000	70,000
29 and younger	55,000	55,000	60,000
30-39	70,000	70,000	65,000
40-49	77,000	78,000	70,000
50 and older	75,000	75,000	75,000
Mathematical scientist	60,000	60,000	50,000
29 and younger	40,000	40,000	S
30-39	56,000	56,000	50,000
40-49	71,000	72,000	50,000
50 and older	70,000	70,000	64,100
Physical scientist	60,000	60,000	62,000
29 and younger	38,000	38,500	35,000
30-39	52,000	52,000	50,000
40-49	68,000	70,000	57,000
50 and older	74,300	74,300	79,000
Psychologist	55,000	54,000	61,000
29 and younger	35,000	36,000	24,700
30-39	45,500	45,000	58,000
40-49	60,000	60,000	50,000
50 and older	62,000	62,000	63,000
Social scientist	58,000	58,000	65,000
29 and younger	40,000	40,000	60,000
30-39	55,000	55,000	49,000
40-49	65,000	65,000	62,000
50 and older	75,000	75,000	76,000
Engineer	74,000	74,000	75,000
29 and younger	54,900	55,000	49,800
30-39	70,000	70,000	65,000
40-49	80,000	80,100	78,000
50 and older	82,000	82,000	81,000

TABLE H-18. Median annual salary of scientists and engineers employed full time, by broad occupation, age, and disability status: 2003

(Dollars)

Occupation and age (years)	Total	No disability	With disability
S&E-related occupations	57,000	57,800	50,200
29 and younger	40,000	40,000	39,000
30-39	52,000	53,000	42,000
40-49	62,000	62,700	55,000
50 and older	65,000	65,000	55,500
Non-S&E occupations	54,000	54,600	50,000
29 and younger	35,000	35,000	35,000
30-39	53,000	53,000	44,000
40-49	62,000	62,500	48,000
50 and older	60,000	60,000	55,000

S = suppressed because fewer than 200 weighted cases.

NOTES: Salaries rounded to nearest \$100. 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-19. Employed scientists and engineers, by sector of employment, broad occupation, sex, race/ethnicity, and disability status: 2003

Sector and occupation	Race/ethnicity									
	Sex			Race/ethnicity					Disability status	
	Total	Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability
All sectors	18,019,400	7,582,200	10,437,200	13,953,800	1,721,900	1,036,200	936,900	76,200	17,022,100	997,300
S&E occupations	4,927,500	1,330,500	3,597,100	3,706,100	697,100	215,800	214,300	17,300	4,678,100	249,500
Scientist	3,372,700	1,158,200	2,214,500	2,509,100	502,300	163,000	134,500	12,500	3,200,800	171,800
Biological/life scientist	554,500	240,400	314,200	422,500	78,500	20,400	23,100	3,900	523,600	31,000
Computer and information scientist	1,883,400	519,700	1,363,700	1,335,800	342,900	96,600	72,800	3,200	1,796,600	86,800
Mathematical scientist	125,100	50,100	75,000	95,700	14,600	9,300	3,800	400	117,100	8,000
Physical scientist	315,100	89,900	225,100	248,900	38,600	8,800	12,600	1,500	299,500	15,600
Psychologist	212,000	136,600	75,400	180,200	7,000	10,300	11,100	1,000	197,200	14,800
Social scientist	282,600	121,500	161,100	225,900	20,700	17,700	11,200	2,500	266,900	15,700
Engineers	1,554,900	172,300	1,382,500	1,197,000	194,800	52,800	79,700	4,800	1,477,200	77,600
S&E-related occupations	5,220,600	2,886,900	2,333,700	4,071,300	482,100	287,400	266,700	20,800	4,970,100	250,500
Non-S&E occupations	7,871,300	3,364,900	4,506,400	6,176,500	542,700	533,000	456,000	38,100	7,373,900	497,400
Business or industry	9,677,900	3,198,700	6,479,100	7,472,200	1,121,900	421,000	477,900	33,400	9,202,600	475,300
S&E occupations	3,092,900	651,600	2,441,300	2,296,100	492,100	122,800	128,000	8,500	2,952,900	140,000
Scientist	1,888,700	531,000	1,357,700	1,359,000	343,500	84,100	69,300	5,000	1,805,100	83,600
Biological/life scientist	125,300	53,200	72,100	94,800	18,700	4,500	6,200	200	119,100	6,100
Computer and information scientist	1,449,600	364,000	1,085,600	1,015,700	290,000	68,700	50,300	2,800	1,386,300	63,300
Mathematical scientist	33,500	9,400	24,000	27,200	4,100	1,200	500	S	31,300	2,100
Physical scientist	161,900	48,900	113,000	125,200	21,400	5,100	6,900	800	155,500	6,400
Psychologist	33,200	21,500	11,700	27,800	700	1,600	2,400	200	31,200	2,000
Social scientist	85,200	34,000	51,200	68,200	8,600	3,000	3,000	S	81,600	3,700
Engineers	1,204,300	120,600	1,083,600	937,100	148,600	38,700	58,700	3,500	1,147,900	56,400
S&E-related occupations	2,336,200	1,102,900	1,233,300	1,796,300	269,700	99,600	124,100	8,300	2,238,300	97,900
Non-S&E occupations	4,248,700	1,444,200	2,804,500	3,379,900	360,100	198,700	225,800	16,600	4,011,300	237,400
Federal government	803,200	254,900	548,300	608,400	60,400	69,300	44,200	4,500	751,300	51,900
S&E occupations	285,800	76,400	209,400	219,500	25,500	19,500	14,200	1,700	268,700	17,100
Scientist	179,200	62,300	116,900	135,900	14,600	15,400	8,600	1,400	167,800	11,400
Biological/life scientist	48,900	17,400	31,500	38,400	4,400	2,600	1,900	600	47,100	1,800
Computer and information scientist	66,700	23,200	43,500	46,100	7,200	8,200	3,600	S	60,700	6,100
Mathematical scientist	13,100	6,100	7,000	9,900	600	1,400	900	S	12,300	800
Physical scientist	25,400	5,400	20,000	21,000	1,800	1,100	1,000	300	23,900	1,400
Psychologist	5,600	3,300	2,300	4,900	S	200	300	100	5,200	S
Social scientist	19,400	6,900	12,500	15,500	400	2,000	900	S	18,700	700
Engineers	106,600	14,100	92,500	83,600	10,900	4,000	5,600	S	100,900	5,700
S&E-related occupations	156,900	70,600	86,300	120,500	11,400	10,200	9,500	1,100	149,300	7,500
Non-S&E occupations	360,600	107,900	252,700	268,400	23,500	39,700	20,500	1,700	333,300	27,300

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE H-19. Employed scientists and engineers, by sector of employment, broad occupation, sex, race/ethnicity, and disability status: 2003

Sector and occupation	Race/ethnicity										
	Sex			Race/ethnicity						Disability status	
	Total	Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability	
Nonprofit	1,558,100	1,039,500	518,700	1,247,900	112,400	97,800	67,300	4,900	1,487,500	70,600	
S&E occupations	179,700	76,500	103,200	133,000	22,100	10,300	9,300	1,100	171,900	7,800	
Scientist	158,500	71,300	87,200	119,300	18,100	9,500	6,600	1,000	151,400	7,100	
Biological/life scientist	25,700	9,900	15,800	18,900	4,300	1,300	500	S	25,100	600	
Computer and information scientist	73,800	28,600	45,100	52,900	9,500	5,200	4,400	S	70,400	3,300	
Mathematical scientist	2,900	1,800	1,100	2,600	200	S	S	S	2,800	S	
Physical scientist	5,500	2,100	3,400	4,200	1,100	100	S	S	5,400	S	
Psychologist	20,100	12,600	7,500	17,500	900	700	900	S	18,500	1,700	
Social scientist	30,500	16,300	14,200	23,200	2,100	2,100	700	S	29,300	1,200	
Engineers	21,100	5,200	16,000	13,600	3,900	800	2,600	S	20,400	700	
S&E-related occupations	754,600	577,700	176,900	608,400	60,600	43,100	23,500	1,400	728,900	25,700	
Non-S&E occupations	623,900	385,300	238,500	506,500	29,800	44,400	34,500	2,500	586,700	37,100	
Self-employed	1,240,800	488,600	752,100	1,036,200	85,500	35,200	60,500	7,900	1,151,600	89,200	
S&E occupations	187,700	67,200	120,500	160,700	11,600	6,800	5,300	500	173,400	14,300	
Scientist	139,700	61,600	78,100	120,500	7,400	6,100	3,200	400	129,600	10,100	
Biological/life scientist	9,200	3,200	6,000	8,400	600	S	S	S	7,000	2,300	
Computer and information scientist	58,900	17,500	41,400	47,900	6,100	2,200	1,000	S	57,100	1,800	
Mathematical scientist	2,000	600	1,400	2,000	S	S	S	S	2,000	S	
Physical scientist	7,000	600	6,400	6,500	S	S	200	S	6,700	300	
Psychologist	44,900	30,900	14,000	41,000	400	1,600	1,200	400	40,600	4,300	
Social scientist	17,500	8,700	8,800	14,700	S	2,000	700	S	16,100	S	
Engineers	48,000	5,600	42,400	40,200	4,200	800	2,100	S	43,800	4,200	
S&E-related occupations	375,400	157,200	218,200	307,100	31,200	9,600	20,100	3,200	352,500	22,900	
Non-S&E occupations	677,700	264,200	413,400	568,400	42,800	18,800	35,000	4,300	625,700	52,000	
State/local government	1,339,600	637,500	702,100	966,300	90,000	157,100	87,400	9,500	1,237,700	102,000	
S&E occupations	313,600	98,600	215,000	239,900	28,100	18,600	19,700	2,000	292,600	21,000	
Scientist	212,500	84,000	128,500	167,100	16,800	13,000	12,300	1,300	198,000	14,500	
Biological/life scientist	42,700	13,700	29,000	35,900	3,300	1,300	1,100	S	39,700	2,900	
Computer and information scientist	85,200	32,400	52,800	62,300	9,600	5,800	6,200	S	79,600	5,600	
Mathematical scientist	7,200	3,800	3,400	4,700	1,600	S	S	S	6,400	S	
Physical scientist	28,000	8,300	19,700	23,700	1,100	1,200	1,400	S	25,800	2,300	
Psychologist	14,200	9,000	5,200	11,700	300	600	1,400	S	12,900	1,300	
Social scientist	35,200	16,800	18,400	28,700	1,000	3,600	2,000	S	33,700	1,500	
Engineers	101,100	14,600	86,500	72,800	11,300	5,600	7,400	S	94,600	6,500	
S&E-related occupations	307,000	192,800	114,300	217,100	25,600	31,500	20,900	1,500	282,400	24,600	
Non-S&E occupations	719,000	346,200	372,800	509,400	36,200	106,900	46,700	6,000	662,600	56,400	
Universities and 4-year colleges	1,505,300	754,600	750,700	1,110,300	202,000	88,700	73,000	7,900	1,422,300	83,000	
S&E occupations	703,600	266,800	436,800	517,700	110,900	28,700	31,000	3,400	665,100	38,500	
Scientist	635,400	256,200	379,200	472,900	95,400	26,100	28,100	3,100	600,500	34,900	
Biological/life scientist	271,900	120,900	151,000	200,000	45,600	8,300	13,200	1,500	257,500	14,400	
Computer and information scientist	107,200	33,200	74,000	74,300	18,800	5,500	5,000	S	102,400	4,800	

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE H-19. Employed scientists and engineers, by sector of employment, broad occupation, sex, race/ethnicity, and disability status: 2003

Sector and occupation	Race/ethnicity										
	Total	Sex		Race/ethnicity						Disability status	
		Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability	
Mathematical scientist	46,900	18,400	28,400	33,600	6,300	4,700	1,600	S	44,200	2,600	
Physical scientist	80,100	22,700	57,400	61,800	12,800	1,100	3,000	300	75,600	4,500	
Psychologist	49,400	27,500	21,900	40,200	3,800	2,100	2,400	300	46,800	2,600	
Social scientist	79,800	33,500	46,400	63,100	8,100	4,400	2,900	700	73,900	5,900	
Engineers	68,200	10,600	57,600	44,800	15,600	2,600	2,900	300	64,600	3,600	
S&E-related occupations	456,100	303,400	152,700	328,300	65,700	35,500	18,200	2,200	439,200	16,900	
Non-S&E occupations	345,600	184,400	161,200	264,300	25,300	24,500	23,900	2,300	318,000	27,600	
Other educational institutions	1,894,400	1,208,400	686,000	1,512,500	49,600	167,100	126,700	8,200	1,769,200	125,300	
S&E occupations	164,300	93,300	70,900	139,200	6,800	9,200	6,800	300	153,400	10,900	
Scientist	158,700	91,800	66,900	134,400	6,500	9,000	6,500	300	148,400	10,300	
Biological/life scientist	30,800	22,100	8,700	26,000	1,500	2,300	100	S	28,000	2,700	
Computer and information scientist	41,900	20,800	21,200	36,600	1,600	1,100	2,200	S	40,100	1,800	
Mathematical scientist	19,500	9,900	9,500	15,700	1,700	1,400	500	S	18,100	1,300	
Physical scientist	7,100	1,900	5,200	6,600	300	100	100	S	6,500	600	
Psychologist	44,500	31,800	12,700	37,000	900	3,500	2,600	S	42,000	2,500	
Social scientist	14,900	5,300	9,600	12,500	500	600	1,100	S	13,600	1,300	
Engineers	5,600	1,600	4,000	4,800	300	S	S	S	5,000	600	
S&E-related occupations	834,300	482,300	352,000	693,700	17,900	57,900	50,300	3,200	779,400	54,900	
Non-S&E occupations	895,900	632,700	263,200	679,600	25,000	100,000	69,600	4,700	836,400	59,500	

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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." Differences in estimates of scientists and engineers in the tables in this report reflect different data sources. Data from the Current Population Survey cover employed persons 16 years and older regardless of degree status. Data based on the SESTAT surveys cover persons with bachelor's or higher degrees who were either educated as or working as scientists or engineers.

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

TABLE H-20. Scientists and engineers employed in schools and academic institutions, by institution type, sex, race/ethnicity, and disability status: 2003

Institution type	Race/ethnicity									
	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability
All educational institutions	3,399,700	1,963,000	1,436,800	2,622,800	251,600	255,800	199,700	16,100	3,191,400	208,300
Preschool, elementary, middle, or secondary school	1,719,500	1,113,200	606,300	1,374,500	40,800	153,200	117,900	6,600	1,613,500	106,000
2-year college, junior college, or technical institute	160,700	86,500	74,200	128,000	7,900	12,300	7,600	1,200	142,600	18,100
4-year college or university	738,100	316,400	421,700	563,300	84,100	41,000	34,600	5,000	689,900	48,200
Medical school	560,700	336,500	224,200	405,300	85,800	34,200	24,500	1,800	538,200	22,400
University research institute	206,500	101,600	104,900	141,700	32,100	13,500	13,900	1,100	194,100	12,400
Other	14,200	8,600	5,600	10,000	800	1,600	S	S	13,100	1,200

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-21. S&E doctorate holders employed full time in universities and 4-year colleges, by Carnegie classification of academic institution, sex, race/ethnicity, and disability status: 2003

Carnegie classification	Race/ethnicity										
	Sex			Race/ethnicity						Disability status	
	Total	Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability	
All academic institutions	357,900	110,300	247,600	270,200	55,100	16,500	12,900	2,100	333,500	24,400	
Research university I	105,100	30,200	74,900	81,800	16,100	3,300	3,200	600	98,500	6,700	
Research university II	18,700	4,300	14,400	14,600	2,800	500	500	200	16,800	1,900	
Doctorate granting I	12,100	3,400	8,600	9,400	1,700	600	300	S	11,100	1,000	
Doctorate granting II	14,300	3,700	10,600	11,400	1,700	400	600	200	13,200	1,100	
Comprehensive I	40,100	11,600	28,500	31,700	4,000	2,300	1,600	400	36,600	3,500	
Comprehensive II	3,200	1,000	2,200	2,800	200	100	S	S	3,000	200	
Liberal arts	18,100	5,400	12,700	15,800	1,000	900	400	S	16,800	1,300	
2-year institutions	1,100	200	900	900	S	S	100	S	1,100	S	
Medical schools and medical centers	12,300	4,700	7,600	9,100	2,100	400	700	S	11,400	900	
Other specialized institutions	3,600	1,000	2,500	2,700	500	100	100	S	3,400	100	
Missing	129,200	44,700	84,600	90,000	24,700	8,000	5,500	500	121,600	7,600	

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-24. S&E doctorate holders employed in academic institutions, by type of academic position, sex, race/ethnicity, and disability status: 2003

Academic position	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian	Black	Hispanic	American	No disability	With disability
								Indian/ Alaska Native		
All faculty	442,100	144,500	297,600	338,600	61,000	22,000	16,200	2,300	410,300	31,900
President, provost, chancellor	4,900	900	4,000	4,400	S	300	100	S	4,800	200
Dean, department head, chair	36,700	11,800	24,900	30,400	2,400	2,300	1,500	100	33,500	3,200
Research faculty	139,600	41,300	98,300	100,200	26,600	6,000	5,500	900	130,500	9,100
Teaching faculty	236,000	70,100	165,900	188,700	26,400	10,000	8,100	1,500	216,200	19,800
Adjunct faculty	22,600	9,600	13,000	19,000	1,900	800	500	S	19,300	3,300
Postdoc	30,000	11,400	18,600	17,000	10,600	1,000	1,400	S	29,000	1,000
Research assistant	3,200	900	2,300	1,200	1,800	S	100	S	3,100	S
Teaching assistant	600	200	400	400	200	S	S	S	600	S
Other	29,700	10,200	19,500	24,400	2,700	1,300	800	200	26,800	2,900

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail 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 Native Hawaiian/other Pacific Islander and multiple race not shown separately. Respondents could answer "yes" to more than one category.

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

TABLE H-26. S&E doctorate holders employed in universities and 4-year colleges, by occupation, disability status and faculty rank: 2003

Occupation and disability status	All faculty	Professor	Associate professor	Assistant professor	Other faculty	Rank not applicable
All occupations	385,200	122,900	79,900	78,700	20,000	83,800
No disability	357,300	111,600	74,500	73,800	17,800	79,600
With disability	27,800	11,200	5,400	4,900	2,200	4,200
S&E occupations	294,800	92,400	65,100	63,300	13,700	60,300
No disability	275,200	84,000	60,700	60,400	12,500	57,700
With disability	19,600	8,400	4,400	2,900	1,200	2,700
Scientist	267,100	81,500	59,500	57,700	13,100	55,300
No disability	249,100	74,200	55,300	55,000	11,900	52,800
With disability	17,900	7,300	4,200	2,700	1,200	2,500
Biological/life scientist	112,900	29,700	22,200	23,000	5,400	32,600
No disability	106,100	27,400	20,700	21,800	4,700	31,500
With disability	6,900	2,300	1,500	1,200	700	1,100
Computer and information scientist	14,800	3,500	3,400	3,600	600	3,600
No disability	14,000	3,200	3,200	3,500	600	3,400
With disability	800	300	200	100	S	S
Mathematical scientist	23,500	8,600	7,000	5,200	1,200	1,600
No disability	22,500	8,100	6,800	5,000	1,100	1,500
With disability	1,100	500	200	100	S	200
Physical scientist	41,900	13,800	7,600	8,400	1,800	10,400
No disability	39,400	12,500	7,100	8,200	1,700	9,900
With disability	2,500	1,300	500	200	100	500
Psychologist	26,900	8,500	5,700	6,700	1,700	4,300
No disability	24,900	7,600	5,300	6,200	1,700	4,100
With disability	2,000	900	400	500	S	200
Social scientist	47,000	17,400	13,500	10,800	2,400	2,900
No disability	42,300	15,400	12,200	10,200	2,100	2,400
With disability	4,600	2,000	1,300	600	300	400
Engineer	27,800	10,900	5,600	5,600	600	5,000
No disability	26,100	9,800	5,400	5,400	600	4,900
With disability	1,700	1,100	200	200	S	200
S&E related occupations	14,500	3,200	1,300	1,900	800	7,300
No disability	13,900	3,100	1,200	1,700	800	7,100
With disability	600	200	S	200	S	200
Non-S&E occupations	75,800	27,200	13,500	13,500	5,400	16,200
No disability	68,200	24,500	12,600	11,700	4,500	14,900
With disability	7,600	2,700	900	1,800	900	1,300

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-29. S&E doctorate holders employed in universities and 4-year colleges, by occupation, disability status, and tenure status: 2003

Occupation and disability status	Total	Tenured	Not tenured		Tenure not applicable
			On tenure track	Not on tenure track	
All occupations	385,200	169,100	66,300	48,500	101,300
No disability	357,300	154,400	62,300	44,900	95,800
With disability	27,800	14,700	4,000	3,600	5,600
S&E occupations	294,800	132,400	51,900	36,300	74,300
No disability	275,200	120,800	49,700	34,000	70,700
With disability	19,600	11,600	2,100	2,300	3,600
Scientist	267,100	117,900	46,400	34,300	68,600
No disability	249,100	107,400	44,400	32,100	65,300
With disability	17,900	10,500	2,000	2,200	3,300
Biological/life scientist	112,900	40,600	18,500	18,800	35,100
No disability	106,100	37,100	17,700	17,600	33,700
With disability	6,900	3,500	800	1,200	1,400
Computer and information scientist	14,800	5,800	3,300	1,400	4,200
No disability	14,000	5,300	3,200	1,400	4,100
With disability	800	500	100	S	S
Mathematical scientist	23,500	12,600	3,900	2,000	5,000
No disability	22,500	11,900	3,700	2,000	4,800
With disability	1,100	700	100	S	200
Physical scientist	41,900	18,500	6,700	4,900	11,800
No disability	39,400	17,000	6,600	4,400	11,300
With disability	2,500	1,500	100	500	500
Psychologist	26,900	11,800	4,300	3,200	7,600
No disability	24,900	10,700	4,000	3,100	7,200
With disability	2,000	1,200	300	S	400
Social scientist	47,000	28,500	9,600	3,900	4,900
No disability	42,300	25,400	9,200	3,600	4,200
With disability	4,600	3,100	500	300	700
Engineer	27,800	14,600	5,500	2,000	5,700
No disability	26,100	13,400	5,300	1,900	5,400
With disability	1,700	1,200	200	S	300
S&E related occupations	14,500	2,300	1,000	3,200	8,100
No disability	13,900	2,100	900	3,000	7,900
With disability	600	200	S	200	200
Non-S&E occupations	75,800	34,400	13,400	9,000	19,000
No disability	68,200	31,500	11,600	7,900	17,200
With disability	7,600	2,900	1,800	1,100	1,800

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-30. Percentage of full-time ranked S&E doctorate holders employed in 4-year colleges or universities who are supported by federal grants or contracts, by occupation, sex, race/ethnicity, and disability status: 2003

(Percent)

Occupation	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian	Black	Hispanic	American	No disability	With disability
								Indian/ Alaska Native		
All occupations (number)	119,000	30,200	88,800	93,400	16,100	3,800	4,300	800	109,800	9,100
All occupations	42.3	35.8	45.0	42.5	45.8	28.0	42.9	41.3	42.1	44.0
S&E occupations	46.7	40.5	49.2	46.9	50.9	28.6	50.8	39.2	47.0	42.0
Scientist	44.8	39.4	47.2	45.0	48.6	26.0	48.7	44.3	45.1	40.2
Biological/life scientist	58.0	51.2	61.6	56.9	60.9	62.0	68.8	65.2	58.6	49.6
Computer and information scientist	45.4	33.5	47.4	43.6	47.1	50.0	71.4	S	45.8	39.7
Mathematical scientist	30.9	26.3	32.7	35.5	30.2	3.0	36.8	S	30.8	32.4
Physical scientist	60.1	53.6	61.2	59.6	63.4	37.3	69.9	72.4	60.6	51.9
Psychologist	30.8	32.7	29.1	30.4	37.2	22.3	37.5	46.7	30.9	29.5
Social scientist	21.5	22.3	21.2	23.1	17.8	15.7	9.8	S	21.1	25.7
Engineer	63.9	68.4	63.4	65.5	63.2	52.2	66.5	S	64.4	58.2
S&E-related occupations	43.7	35.2	48.9	45.0	30.2	45.8	S	S	41.4	77.9
Non-S&E occupations	24.9	20.3	27.2	25.4	16.5	25.6	23.4	S	22.6	47.0

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-31. Full-time natural science and engineering doctorate holders employed in 4-year colleges or universities, by sex, race, disability status, and number of refereed publications and patents since 1998: 2003

Sex, race/ethnicity, and disability status	Publications since 1998							Patents since 1998	
	Total	None	1 or 2	3-5	6-10	11-20	More than 20	No	Yes
Total	357,900	30,400	26,500	41,800	71,500	83,800	103,800	326,200	31,700
Female	110,300	10,800	10,800	14,400	24,000	26,100	24,200	104,200	6,000
Male	247,600	19,700	15,700	27,400	47,500	57,700	79,500	222,000	25,600
White	270,200	23,900	19,900	30,800	53,500	61,300	80,900	246,800	23,500
Asian	55,100	3,800	2,100	5,800	12,000	15,400	16,100	48,400	6,700
Black	16,500	1,600	3,400	3,400	3,300	2,600	2,200	16,100	400
Hispanic	12,900	1,000	900	1,700	2,100	3,500	3,700	12,100	800
American Indian/Alaskan Native	2,100	S	100	100	300	800	700	1,900	200
No disability	333,500	27,700	25,400	39,000	66,400	79,300	95,700	304,400	29,100
With disability	24,400	2,800	1,100	2,800	5,100	4,500	8,100	21,800	2,500

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Natural sciences includes biological, life, computer, mathematical, and physical sciences. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-32. Scientists and engineers employed in government, by managerial status, age, sex, race/ethnicity, and disability status: 2003

Primary or secondary work activity and age (years)	Race/ethnicity									
	Sex			Race/ethnicity					Disability status	
	Total	Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability
All ages	2,142,900	892,400	1,250,400	1,574,700	150,400	226,400	131,500	13,900	1,989,000	153,900
Managers	863,200	309,200	553,900	664,800	43,900	87,500	44,300	3,900	802,300	60,900
Nonmanagers	1,279,700	583,200	696,500	909,900	106,500	138,900	87,200	10,100	1,186,700	93,000
Percent who are managers	40.3	34.7	44.3	42.2	29.2	38.6	33.7	27.9	40.3	39.6
Younger than 35	457,200	214,000	243,200	330,100	30,500	46,300	33,400	4,600	445,500	11,700
Managers	145,500	55,600	89,900	112,000	7,700	14,000	8,400	S	139,400	6,100
Nonmanagers	311,700	158,500	153,300	218,100	22,900	32,400	25,100	4,000	306,100	5,600
Percent who are managers	31.8	26.0	37.0	33.9	25.1	30.2	25.0	S	31.3	52.2
35-44	582,600	243,500	339,100	401,800	43,600	71,500	46,800	4,400	552,600	30,000
Managers	234,800	94,000	140,700	171,500	12,600	28,400	13,900	2,200	225,600	9,100
Nonmanagers	347,800	149,500	198,300	230,300	31,000	43,000	32,900	2,200	327,000	20,800
Percent who are managers	40.3	38.6	41.5	42.7	28.8	39.8	29.7	49.7	40.8	30.5
45-54	714,600	295,900	418,700	543,100	46,900	72,900	37,800	2,600	647,300	67,300
Managers	322,700	116,200	206,400	255,600	14,500	30,500	14,800	S	294,000	28,700
Nonmanagers	391,900	179,700	212,300	287,500	32,500	42,400	23,000	2,200	353,400	38,600
Percent who are managers	45.2	39.3	49.3	47.1	30.8	41.8	39.2	S	45.4	42.7
55 or older	388,500	139,000	249,500	299,700	29,300	35,700	13,400	2,300	343,600	44,900
Managers	160,200	43,400	116,800	125,600	9,200	14,600	7,200	S	143,300	16,900
Nonmanagers	228,300	95,600	132,600	174,100	20,100	21,100	6,200	1,600	200,300	28,000
Percent who are managers	41.2	31.2	46.8	41.9	31.4	40.8	53.7	S	41.7	37.7

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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." Managers include anyone who reported management as either a primary or secondary work activity.

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

TABLE H-33. Primary or secondary work activity of scientists and engineers employed in business or industry, by age, sex, race/ethnicity, and disability status: 2003

Age in years and work activity	Total	Sex		Race/ethnicity					Disability status	
		Female	Male	White	Asian	Black	Hispanic	American	No disability	With disability
								Indian/ Alaska Native		
All ages	9,677,900	3,198,700	6,479,100	7,472,200	1,121,900	421,000	477,900	33,400	9,202,600	475,300
Computer applications	1,961,900	539,600	1,422,300	1,396,300	361,300	77,700	89,900	3,100	1,873,600	88,300
Management/administration	3,589,800	986,500	2,603,300	2,928,300	291,900	142,700	154,500	13,800	3,435,200	154,600
Research and development	1,965,200	528,100	1,437,100	1,433,100	307,000	87,300	95,900	7,900	1,868,300	96,900
Teaching	439,200	257,600	181,600	355,400	29,700	28,900	18,200	1,900	420,000	19,200
Other	7,819,700	2,715,400	5,104,300	6,124,800	806,100	340,500	395,600	28,700	7,422,700	397,000
Younger than 35	2,574,700	1,044,000	1,530,700	1,851,000	397,400	120,100	145,300	4,900	2,516,500	58,200
Computer applications	646,400	180,400	466,000	402,200	173,400	22,900	33,200	1,500	630,300	16,000
Management/administration	822,900	292,500	530,400	629,000	90,800	36,900	42,600	1,400	808,100	14,800
Research and development	614,500	212,300	402,300	409,900	122,400	32,800	33,800	2,600	597,500	17,100
Teaching	104,000	72,900	31,100	82,500	8,200	5,700	4,600	S	102,400	1,600
Other	1,891,200	837,300	1,053,900	1,406,600	240,800	87,600	111,500	2,800	1,847,700	43,500
35-44	3,046,800	1,029,600	2,017,200	2,284,900	371,800	145,600	185,300	9,600	2,950,800	96,000
Computer applications	686,400	191,500	495,000	490,100	115,100	31,400	34,500	1,100	666,200	20,300
Management/administration	1,230,400	348,700	881,700	982,300	114,500	47,000	63,600	4,600	1,197,100	33,300
Research and development	644,800	170,700	474,100	447,400	112,300	33,100	37,300	1,700	626,000	18,800
Teaching	146,800	89,800	57,000	120,400	8,700	10,400	6,300	S	142,200	4,700
Other	2,389,200	860,000	1,529,200	1,816,500	257,500	117,700	150,400	7,600	2,312,700	76,400
45-54	2,583,000	810,500	1,772,500	2,096,700	232,500	114,600	99,100	13,500	2,404,100	178,900
Computer applications	426,100	118,100	308,000	334,800	51,700	19,600	15,300	S	398,100	27,900
Management/administration	1,031,700	262,000	769,700	876,200	59,200	43,500	33,300	6,600	967,300	64,400
Research and development	451,100	99,100	352,000	365,200	50,300	15,300	15,300	1,500	420,900	30,200
Teaching	122,400	72,400	50,000	102,100	6,000	8,200	4,800	S	114,600	7,800
Other	2,151,900	701,700	1,450,300	1,748,400	187,400	94,800	85,500	12,700	2,001,600	150,300
55 and older	1,473,300	314,500	1,158,800	1,239,700	120,200	40,800	48,100	5,400	1,331,200	142,100
Computer applications	203,000	49,600	153,400	169,200	21,100	3,700	6,900	S	179,000	24,000
Management/administration	504,800	83,400	421,400	440,700	27,500	15,300	15,000	1,200	462,700	42,100
Research and development	254,700	45,900	208,700	210,500	22,100	6,100	9,500	2,100	223,900	30,800
Teaching	65,900	22,400	43,500	50,500	6,700	4,500	2,500	S	60,900	5,100
Other	1,276,400	276,800	999,600	1,075,900	104,200	33,500	40,700	5,100	1,152,800	123,600

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Sum of primary/secondary work activity categories exceeds total because of multiple response. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-34. Median number of direct subordinates for managerial scientists and engineers employed in business or industry, by age, sex, race/ethnicity, and disability status: 2003

Sex, race/ethnicity, and disability status	All ages	Younger			
	(years)	than 35	35-44	45-54	55 or older
Total	6	4	6	8	7
Female	5	3	5	6	5
Male	7	4	7	9	8
White	6	4	7	8	7
Asian	5	3	5	6	7
Black	7	7	7	7	4
Hispanic	6	3	6	8	6
American Indian/Alaska Native	9	5	5	9	12
No disability	6	4	6	8	7
With disability	6	4	4	9	6

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-35. Scientists and engineers employed full time in business or industry, by occupation, number of publications since 1998, applications for a U.S. patent since 1998, sex, race/ethnicity, and disability status: 2003

Occupation, publications, and patents	Race/ethnicity										
	Sex			Race/ethnicity						Disability status	
	Total	Female	Male	White	Asian	Black	Hispanic	American Indian/ Alaska Native	No disability	With disability	
Publications since 1998											
All occupations	8,850,100	2,611,800	6,238,300	6,772,600	1,055,700	398,700	453,600	29,800	8,433,200	416,900	
None	7,407,500	2,286,700	5,120,800	5,640,800	887,600	345,500	391,800	24,200	7,053,700	353,800	
1 or 2	645,400	163,400	482,000	515,100	72,300	24,500	25,200	2,100	614,500	30,900	
3 to 5	371,800	73,600	298,200	282,100	47,700	15,900	17,500	1,800	354,200	17,600	
6 to 10	221,200	59,400	161,900	170,500	26,400	7,000	9,300	700	214,100	7,100	
11 to 20	128,000	16,600	111,300	105,000	13,800	2,900	4,900	S	123,900	4,000	
More than 20	76,100	12,100	64,000	59,000	7,900	3,000	5,000	S	72,800	3,400	
Patents since 1998											
All natural scientists and engineers ^a	2,879,400	546,900	2,332,400	2,115,700	475,600	117,400	121,100	7,200	2,750,100	129,300	
No	2,610,900	521,400	2,089,500	1,910,600	427,600	113,000	113,600	6,700	2,493,200	117,700	
Yes	268,500	25,500	242,900	205,100	48,100	4,400	7,500	500	256,900	11,600	
Biological/life scientist	119,000	49,000	69,900	88,900	18,400	4,500	6,200	200	113,500	5,500	
No	100,800	43,600	57,200	76,300	13,500	4,300	5,800	S	96,000	4,800	
Yes	18,100	5,400	12,700	12,600	4,900	200	400	S	17,400	700	
Computer and information scientist	1,398,700	330,200	1,068,500	971,200	285,900	68,400	49,400	2,800	1,337,500	61,200	
No	1,325,000	321,800	1,003,200	916,100	272,500	66,400	47,900	2,700	1,266,900	58,100	
Yes	73,700	8,400	65,300	55,100	13,400	2,000	1,500	S	70,600	3,100	
Engineer	1,174,800	113,100	1,061,800	909,900	146,800	38,700	58,400	3,500	1,120,200	54,600	
No	1,027,000	105,500	921,500	793,600	123,300	37,200	53,200	3,200	979,600	47,400	
Yes	147,800	7,500	140,300	116,300	23,500	1,400	5,200	S	140,700	7,200	
Mathematical scientist	30,600	8,800	21,700	25,000	3,600	1,200	300	S	28,600	2,000	
No	29,100	8,800	20,300	23,700	3,400	1,200	200	S	27,200	1,900	
Yes	1,500	100	1,400	1,200	200	S	S	S	1,400	S	
Physical scientist	156,300	45,800	110,500	120,600	21,000	4,500	6,900	800	150,200	6,100	
No	129,000	41,700	87,300	100,800	14,900	3,800	6,500	700	123,500	5,500	
Yes	27,300	4,200	23,100	19,800	6,100	700	400	S	26,700	600	

S = suppressed because fewer than 50 weighted cases.

^a The prevalence of patents by social scientists was so low they were excluded from this analysis, as were those in S&E related and non-S&E occupations.

NOTES: Numbers rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/Other Pacific Islander and multiple race 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, Scientists and Engineers Statistical Data System (SESTAT).

TABLE H-38. Demographic characteristics of employed scientists and engineers, by disability status and sex: 2003

(Percent distribution)

Demographic characteristic	Total			No disability			With disability		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
Employed scientists and engineers (number)	18,019,400	7,582,200	10,437,200	17,022,100	7,195,800	9,826,200	997,300	386,400	610,900
Age in 2003 (years)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
29 and younger	11.3	14.6	8.9	11.7	15.0	9.3	5.0	7.5	3.4
30-39	27.6	28.4	26.9	28.4	29.2	27.8	12.9	13.8	12.3
40-49	29.6	30.1	29.2	29.7	29.8	29.5	27.7	34.5	23.4
50 and older	31.6	26.9	35.0	30.2	26.0	33.4	54.4	44.3	60.9
Disability status									
No disability	94.5	94.9	94.1	100.0	100.0	100.0	S	S	S
With disability	5.5	5.1	5.9	S	S	S	100.0	100.0	100.0
Race/ethnicity									
White	77.4	75.1	79.1	77.5	75.4	79.0	76.2	69.1	80.8
Asian	9.6	9.3	9.7	9.6	9.3	9.9	8.0	8.9	7.5
Black	5.8	7.7	4.3	5.7	7.6	4.4	5.8	9.5	3.5
Hispanic	5.2	5.6	4.9	5.2	5.6	4.9	5.7	7.0	4.9
American Indian/Alaska Native	0.4	0.5	0.4	0.4	0.4	0.3	1.2	1.6	1.0
Other race/ethnicity ^a	1.6	1.8	1.5	1.6	1.6	1.5	3.0	4.0	2.4
Marital status									
Married	75.2	68.8	79.9	75.3	69.1	79.9	73.9	62.3	81.1
Widowed	1.0	1.6	0.6	1.0	1.6	0.6	1.5	2.9	0.6
Separated	1.0	1.2	0.9	1.0	1.2	0.9	1.0	1.2	0.9
Divorced	6.9	9.6	5.0	6.8	9.3	4.9	10.1	14.9	7.1
Never married	15.8	18.8	13.5	15.9	18.8	13.7	13.5	18.7	10.3
If married, spouse's employment status									
Employed	56.2	60.9	52.8	56.3	61.3	52.6	54.4	52.2	55.8
Full time	46.3	57.0	38.5	46.5	57.5	38.4	43.9	48.4	41.0
Part time	9.9	3.8	14.3	9.8	3.8	14.2	10.5	3.8	14.8
Not employed	19.0	7.9	27.1	19.0	7.8	27.3	19.5	10.2	25.4
If spouse is employed, field in which spouse's job required bachelor's in ^b									
Engineering, computer sciences, or natural sciences	12.4	18.1	8.3	12.5	18.2	8.4	10.5	16.6	6.7
Social sciences	6.4	5.7	6.8	6.3	5.7	6.8	6.6	5.7	7.1
Other	22.7	21.0	24.0	22.7	21.0	23.9	23.7	20.5	25.7
Children living in household									
No	48.4	50.4	46.9	48.0	50.1	46.5	54.4	57.2	52.6
Yes	51.6	49.6	53.1	52.0	49.9	53.5	45.6	42.8	47.4
Citizenship									
U.S. citizen	94.2	95.3	93.4	94.1	95.3	93.2	96.3	96.7	96.1
Native	84.3	85.6	83.4	84.2	85.6	83.2	86.8	85.9	87.3
Naturalized	9.9	9.7	10.0	9.9	9.7	10.1	9.6	10.9	8.7

TABLE H-38. Demographic characteristics of employed scientists and engineers, by disability status and sex: 2003

(Percent distribution)

Demographic characteristic	Total			No disability			With disability		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
Non-U.S. citizen	5.8	4.7	6.6	5.9	4.7	6.8	3.7	3.3	3.9
Permanent resident	4.1	3.6	4.4	4.1	3.6	4.5	2.7	2.8	2.7
Temporary resident	1.7	1.1	2.2	1.8	1.1	2.2	1.0	0.5	1.3

S = suppressed because percent based on fewer than 50 weighted cases.

^a Includes Native Hawaiian/other Pacific Islander and multiple race.

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

NOTES: Numbers rounded to nearest 100. Detail 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, Scientists and Engineers Statistical Data System (SESTAT).