

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

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

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

S suppressed because fewer than 50 weighted cases

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

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