

TABLE 38. Employed doctoral scientists and engineers, by sector of employment, broad occupation, and sex: 2003

Employment sector and occupation	Total	Male	Female	Total	Male	Female
	Number			Percent		
All sectors	593,300	432,150	161,150	100.0	72.8	27.2
Science occupations	352,960	248,120	104,840	100.0	70.3	29.7
Biological, agricultural, and other life scientist	104,650	71,100	33,550	100.0	67.9	32.1
Computer and information scientist	34,410	29,750	4,660	100.0	86.5	13.5
Mathematical scientist	22,460	17,840	4,620	100.0	79.4	20.6
Physical scientist	73,730	62,730	11,010	100.0	85.1	14.9
Psychologist	67,110	32,320	34,790	100.0	48.2	51.8
Social scientist	50,590	34,370	16,220	100.0	67.9	32.1
Engineering occupations	77,000	70,040	6,960	100.0	91.0	9.0
S&E-related occupations	64,650	43,700	20,940	100.0	67.6	32.4
Non-S&E occupations	98,700	70,290	28,410	100.0	71.2	28.8
Universities and 4-year colleges	259,380	182,090	77,290	100.0	70.2	29.8
Science occupations	181,190	126,940	54,240	100.0	70.1	29.9
Biological, agricultural, and other life scientist	62,680	41,940	20,740	100.0	66.9	33.1
Computer and information scientist	9,820	8,470	1,350	100.0	86.3	13.7
Mathematical scientist	14,920	11,700	3,220	100.0	78.4	21.6
Physical scientist	33,180	28,010	5,170	100.0	84.4	15.6
Psychologist	23,680	11,660	12,020	100.0	49.2	50.8
Social scientist	36,910	25,160	11,740	100.0	68.2	31.8
Engineering occupations	22,920	20,720	2,200	100.0	90.4	9.6
S&E-related occupations	26,460	14,970	11,490	100.0	56.6	43.4
Non-S&E occupations	28,820	19,470	9,360	100.0	67.5	32.5
Other educational institutions	20,170	11,780	8,390	100.0	58.4	41.6
Science occupations	11,830	7,270	4,560	100.0	61.5	38.5
Biological, agricultural, and other life scientist	2,520	1,540	980	100.0	61.3	38.7
Computer and information scientist	300	260	S	100.0	86.4	S
Mathematical scientist	790	640	150	100.0	81.1	18.9
Physical scientist	2,570	2,160	410	100.0	84.2	15.8
Psychologist	4,170	1,660	2,510	100.0	39.9	60.1
Social scientist	1,480	1,000	480	100.0	67.6	32.4
Engineering occupations	340	290	50	100.0	85.0	15.0
S&E-related occupations	3,770	2,260	1,520	100.0	59.8	40.2
Non-S&E occupations	4,230	1,960	2,270	100.0	46.4	53.6
Private-for-profit	187,570	153,260	34,310	100.0	81.7	18.3
Science occupations	82,770	64,250	18,520	100.0	77.6	22.4
Biological, agricultural, and other life scientist	20,840	14,810	6,040	100.0	71.0	29.0
Computer and information scientist	20,850	18,090	2,760	100.0	86.8	13.2
Mathematical scientist	3,700	3,050	650	100.0	82.5	17.5
Physical scientist	24,190	20,640	3,550	100.0	85.3	14.7
Psychologist	9,700	5,200	4,500	100.0	53.6	46.4
Social scientist	3,490	2,470	1,020	100.0	70.8	29.2
Engineering occupations	41,990	38,330	3,660	100.0	91.3	8.7
S&E-related occupations	21,810	17,900	3,920	100.0	82.0	18.0
Non-S&E occupations	41,000	32,790	8,210	100.0	80.0	20.0
Private not-for-profit	29,650	18,800	10,850	100.0	63.4	36.6
Science occupations	16,220	10,150	6,070	100.0	62.6	37.4
Biological, agricultural, and other life scientist	4,350	2,990	1,360	100.0	68.7	31.3
Computer and information scientist	990	880	120	100.0	88.3	11.7
Mathematical scientist	840	650	190	100.0	77.1	22.9
Physical scientist	2,160	1,800	350	100.0	83.6	16.4
Psychologist	5,500	2,590	2,910	100.0	47.1	52.9
Social scientist	2,370	1,240	1,130	100.0	52.3	47.7
Engineering occupations	1,910	1,800	110	100.0	94.1	5.9
S&E-related occupations	3,980	2,560	1,420	100.0	64.4	35.6
Non-S&E occupations	7,540	4,290	3,250	100.0	56.9	43.1

TABLE 38. Employed doctoral scientists and engineers, by sector of employment, broad occupation, and sex: 2003

Employment sector and occupation	Total	Male	Female	Total	Male	Female
	Number			Percent		
Federal government	41,090	31,380	9,720	100.0	76.4	23.6
Science occupations	26,600	20,170	6,430	100.0	75.8	24.2
Biological, agricultural, and other life scientist	10,180	6,940	3,240	100.0	68.2	31.8
Computer and information scientist	970	860	100	100.0	89.2	10.8
Mathematical scientist	1,520	1,290	220	100.0	85.3	14.7
Physical scientist	8,210	7,180	1,030	100.0	87.4	12.6
Psychologist	2,350	1,450	900	100.0	61.6	38.4
Social scientist	3,370	2,440	920	100.0	72.6	27.4
Engineering occupations	5,590	4,910	670	100.0	87.9	12.1
S&E-related occupations	3,940	2,780	1,160	100.0	70.6	29.4
Non-S&E occupations	4,970	3,510	1,450	100.0	70.7	29.3
State and local government	15,970	11,090	4,880	100.0	69.5	30.5
Science occupations	9,410	6,400	3,000	100.0	68.1	31.9
Biological, agricultural, and other life scientist	2,160	1,590	570	100.0	73.6	26.4
Computer and information scientist	430	300	120	100.0	71.2	28.8
Mathematical scientist	230	170	60	100.0	74.0	26.0
Physical scientist	1,580	1,310	270	100.0	82.8	17.2
Psychologist	3,880	2,350	1,530	100.0	60.5	39.5
Social scientist	1,130	680	450	100.0	60.4	39.6
Engineering occupations	1,250	1,120	130	100.0	89.5	10.5
S&E-related occupations	2,000	1,430	570	100.0	71.5	28.5
Non-S&E occupations	3,310	2,130	1,170	100.0	64.5	35.5
Self-employed	36,130	21,310	14,820	100.0	59.0	41.0
Science occupations	23,000	11,540	11,460	100.0	50.2	49.8
Biological, agricultural, and other life scientist	1,680	1,150	530	100.0	68.4	31.6
Computer and information scientist	990	830	160	100.0	84.1	15.9
Mathematical scientist	420	300	120	100.0	70.7	29.3
Physical scientist	1,500	1,330	180	100.0	88.3	11.7
Psychologist	17,540	7,310	10,230	100.0	41.7	58.3
Social scientist	860	620	240	100.0	72.0	28.0
Engineering occupations	2,670	2,600	70	100.0	97.2	2.8
S&E-related occupations	2,380	1,590	790	100.0	66.7	33.3
Non-S&E occupations	8,070	5,580	2,490	100.0	69.1	30.9
Other	3,340	2,440	900	100.0	73.0	27.0
Science occupations	1,950	1,390	560	100.0	71.5	28.5
Biological, agricultural, and other life scientist	220	140	80	100.0	62.7	37.3
Computer and information scientist	70	50	S	100.0	84.0	S
Mathematical scientist	S	S	S	S	S	S
Physical scientist	350	310	S	100.0	88.4	S
Psychologist	300	110	190	100.0	36.5	63.5
Social scientist	980	750	230	100.0	76.5	23.5
Engineering occupations	330	280	50	100.0	84.6	15.4
S&E-related occupations	300	220	80	100.0	72.7	27.3
Non-S&E occupations	770	550	210	100.0	72.2	27.8

S = suppressed due to too few cases (fewer than 50 weighted cases).

S&E = science and engineering.

NOTES: Numbers are rounded to nearest 10. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2003 Survey of Doctorate Recipients.