

TABLE 14. Employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and sex: 2003

Employment sector and field	Total	Male	Female	Total	Male	Female
	Number			Percent		
All sectors	593,300	432,150	161,150	100.0	72.8	27.2
Science	468,570	329,810	138,760	100.0	70.4	29.6
Biological, agricultural, and environmental life sciences	145,760	101,180	44,580	100.0	69.4	30.6
Computer and information sciences	11,960	10,120	1,840	100.0	84.6	15.4
Mathematics and statistics	28,330	23,770	4,560	100.0	83.9	16.1
Physical sciences	112,670	95,780	16,890	100.0	85.0	15.0
Psychology	91,410	46,030	45,380	100.0	50.4	49.6
Social sciences	78,450	52,940	25,510	100.0	67.5	32.5
Engineering	101,500	92,690	8,820	100.0	91.3	8.7
Health	23,230	9,660	13,570	100.0	41.6	58.4
Universities and 4-year colleges	259,380	182,090	77,290	100.0	70.2	29.8
Science	217,940	151,990	65,950	100.0	69.7	30.3
Biological, agricultural, and environmental life sciences	76,040	51,660	24,380	100.0	67.9	32.1
Computer and information sciences	5,280	4,320	970	100.0	81.7	18.3
Mathematics and statistics	16,630	13,790	2,850	100.0	82.9	17.1
Physical sciences	39,320	33,500	5,820	100.0	85.2	14.8
Psychology	31,680	15,830	15,850	100.0	50.0	50.0
Social sciences	48,980	32,890	16,090	100.0	67.2	32.8
Engineering	28,170	25,260	2,910	100.0	89.7	10.3
Health	13,280	4,840	8,430	100.0	36.5	63.5
Other educational institutions	20,170	11,780	8,390	100.0	58.4	41.6
Science	18,460	10,740	7,720	100.0	58.2	41.8
Biological, agricultural, and environmental life sciences	4,720	2,690	2,030	100.0	57.0	43.0
Computer and information sciences	190	150	S	100.0	75.5	S
Mathematics and statistics	700	570	130	100.0	81.7	18.3
Physical sciences	3,880	3,030	850	100.0	78.0	22.0
Psychology	6,270	2,690	3,580	100.0	42.9	57.1
Social sciences	2,700	1,620	1,080	100.0	59.9	40.1
Engineering	1,140	910	230	100.0	80.0	20.0
Health	570	120	440	100.0	21.9	78.1
Private for-profit	187,570	153,260	34,310	100.0	81.7	18.3
Science	126,220	98,000	28,220	100.0	77.6	22.4
Biological, agricultural, and environmental life sciences	37,630	27,760	9,870	100.0	73.8	26.2
Computer and information sciences	5,540	4,880	660	100.0	88.1	11.9
Mathematics and statistics	7,570	6,550	1,030	100.0	86.5	13.5
Physical sciences	49,290	42,140	7,150	100.0	85.5	14.5
Psychology	16,400	9,470	6,930	100.0	57.7	42.3
Social sciences	9,790	7,200	2,580	100.0	73.6	26.4
Engineering	56,780	52,420	4,360	100.0	92.3	7.7
Health	4,570	2,840	1,720	100.0	62.3	37.7
Private not-for-profit	29,650	18,800	10,850	100.0	63.4	36.6
Science	25,180	15,610	9,580	100.0	62.0	38.0
Biological, agricultural, and environmental life sciences	7,210	4,700	2,510	100.0	65.2	34.8
Computer and information sciences	260	190	70	100.0	72.0	28.0
Mathematics and statistics	780	600	180	100.0	76.9	23.1
Physical sciences	4,020	3,390	630	100.0	84.3	15.7
Psychology	8,540	4,380	4,160	100.0	51.3	48.7
Social sciences	4,370	2,350	2,020	100.0	53.7	46.3
Engineering	2,880	2,670	210	100.0	92.8	7.2
Health	1,590	520	1,060	100.0	32.9	67.1
Federal government	41,090	31,380	9,720	100.0	76.4	23.6
Science	32,550	24,380	8,180	100.0	74.9	25.1
Biological, agricultural, and environmental life sciences	12,830	9,060	3,770	100.0	70.6	29.4
Computer and information sciences	310	270	S	100.0	86.4	S
Mathematics and statistics	1,420	1,260	160	100.0	88.6	11.4

TABLE 14. Employed doctoral scientists and engineers, by sector of employment, broad field of doctorate, and sex: 2003

Employment sector and field	Total	Number		Total	Percent	
		Male	Female		Male	Female
Physical sciences	9,470	8,130	1,340	100.0	85.8	14.2
Psychology	3,280	1,990	1,280	100.0	60.8	39.2
Social sciences	5,240	3,660	1,580	100.0	69.9	30.1
Engineering	7,020	6,370	660	100.0	90.6	9.4
Health	1,520	630	880	100.0	41.7	58.3
State and local government	15,970	11,090	4,880	100.0	69.5	30.5
Science	13,970	9,630	4,340	100.0	68.9	31.1
Biological, agricultural, and environmental life sciences	2,950	2,120	830	100.0	71.9	28.1
Computer and information sciences	90	80	S	100.0	83.1	S
Mathematics and statistics	350	290	50	100.0	84.6	15.4
Physical sciences	2,320	1,940	380	100.0	83.5	16.5
Psychology	5,340	3,170	2,170	100.0	59.3	40.7
Social sciences	2,920	2,030	890	100.0	69.6	30.4
Engineering	1,500	1,290	210	100.0	86.1	13.9
Health	490	170	330	100.0	34.2	65.8
Self-employed	36,130	21,310	14,820	100.0	59.0	41.0
Science	31,460	17,460	14,000	100.0	55.5	44.5
Biological, agricultural, and environmental life sciences	4,100	2,990	1,110	100.0	72.9	27.1
Computer and information sciences	280	240	S	100.0	86.7	S
Mathematics and statistics	800	650	160	100.0	80.2	19.8
Physical sciences	3,700	3,110	600	100.0	83.9	16.1
Psychology	19,580	8,380	11,200	100.0	42.8	57.2
Social sciences	3,000	2,100	900	100.0	70.1	29.9
Engineering	3,570	3,400	180	100.0	95.1	4.9
Health	1,100	450	640	100.0	41.4	58.6
Other sector	3,340	2,440	900	100.0	73.0	27.0
Science	2,780	2,010	780	100.0	72.0	28.0
Biological, agricultural, and environmental life sciences	290	210	80	100.0	72.0	28.0
Computer and information sciences	S	S	S	S	S	S
Mathematics and statistics	60	60	S	100.0	95.6	S
Physical sciences	660	550	110	100.0	82.9	17.1
Psychology	320	110	210	100.0	33.7	66.3
Social sciences	1,450	1,080	370	100.0	74.5	25.5
Engineering	430	370	60	100.0	85.4	14.6
Health	130	70	60	100.0	53.4	46.6

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

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.