TABLE 13. Employed doctoral scientists and engineers, by field of doctorate and sector of employment: 2003

Field	Total	Universities and 4-year colleges	Other educational institutions	Private for-profit	Private not-for-profit	Federal government	State and local government	Self-employed	Other
					Number				
All fields	593,300	259,380	20,170	187,570	29,650	41,090	15,970	36,130	3,340
Science	468,570	217,940	18,460	126,220	25,180	32,550	13,970	31,460	2,780
Biological, agricultural, and environmental life sciences	145,760	76,040	4,720	37,630	7,210	12,830	2,950	4,100	290
Agricultural/food sciences	16,890	7,580	470	5,770	500	1,620	240	650	60
Biochemistry/biophysics	22,850	11,410	490	7,180	1,180	1,520	400	630	S
Cell/molecular biology	15,180	8,540	440	4,160	950	730	140	220	S
Environmental life sciences	5,620	2,180	140	970	340	1,280	460	230	S
Microbiology	10,970	5,100	500	3,560	430	810	180	350	S
Zoology	12,070	6,340	440	2,410	470	1,510	410	480	S
Other biological sciences	62,190	34,900	2,230	13,580	3,340	5,350	1,110	1,530	140
Computer and information sciences	11,960	5,280	190	5,540	260	310	90	280	S
Mathematics and statistics	28,330	16,630	700	7,570	780	1,420	350	800	60
Physical sciences	112,670	39,320	3,880	49,290	4,020	9,470	2,320	3,700	660
Astronomy/astrophysics	3,820	2,290	110	670	240	380	50	50	S
Chemistry, except biochemistry	57,040	15,920	2,250	31,190	1,640	2,650	1,100	2,130	150
Earth/atmospheric/ocean sciences	17,050	8,240	580	3,690	510	2,650	680	630	70
Physics	34,760	12,860	950	13,740	1,620	3,800	490	890	420
Psychology	91,410	31,680	6,270	16,400	8,540	3,280	5,340	19,580	320
Social sciences	78,450	48,980	2,700	9,790	4,370	5,240	2,920	3,000	1,450
Economics	22,060	12,160	260	3,570	870	2,680	450	850	1,220
Political sciences	17,730	11,620	610	2,020	870	810	930	770	90
Sociology	14,250	10,070	560	930	1,180	540	440	490	S
Other social sciences	24,410	15,120	1,270	3,270	1,440	1,210	1,100	890	110
Engineering	101,500	28,170	1,140	56,780	2,880	7,020	1,500	3,570	430
Aerospace/aeronautical/astronautical engineering	4,150	1,200	S	1,800	210	680	70	200	S
Chemical engineering	13,460	2,280	200	9,290	440	550	140	510	50
Civil engineering	9,170	3,580	120	3,830	190	590	430	300	130
Electrical/computer engineering	28,480	7,940	180	16,990	810	1,290	150	1,080	S
Materials/metallurgical engineering	10,820	1,680	150	7,150	290	1,030	S	420	80
Mechanical engineering	13,920	3,630	140	8,610	290	770	S	450	S
Other engineering	21,480	7,870	340	9,110	660	2,120	660	630	100
Health	23,230	13,280	570	4,570	1,590	1,520	490	1,100	130
					Percent				
All fields	100.0	43.7	3.4	31.6	5.0	6.9	2.7	6.1	0.6
Science	100.0	46.5	3.9	26.9	5.4	6.9	3.0	6.7	0.6
Biological, agricultural, and environmental life sciences	100.0	52.2	3.2	25.8	4.9	8.8	2.0	2.8	0.2
Agricultural/food sciences	100.0	44.9	2.8	34.2	3.0	9.6	1.4	3.8	0.3

TABLE 13. Employed doctoral scientists and engineers, by field of doctorate and sector of employment: 2003

Field	Total	Universities and 4-year colleges	Other educational institutions	Private for-profit	Private not-for-profit	Federal government	State and local government	Self-employed	Other
Physical sciences	100.0	34.9	3.4	43.7	3.6	8.4	2.1	3.3	0.6
Astronomy/astrophysics	100.0	60.1	2.9	17.5	6.3	9.9	1.4	1.4	S
Chemistry, except biochemistry	100.0	27.9	3.9	54.7	2.9	4.6	1.9	3.7	0.3
Earth/atmospheric/ocean sciences	100.0	48.4	3.4	21.7	3.0	15.5	4.0	3.7	0.4
Physics	100.0	37.0	2.7	39.5	4.7	10.9	1.4	2.6	1.2
Psychology	100.0	34.7	6.9	17.9	9.3	3.6	5.8	21.4	0.4
Social sciences	100.0	62.4	3.4	12.5	5.6	6.7	3.7	3.8	1.9
Economics	100.0	55.1	1.2	16.2	4.0	12.1	2.0	3.9	5.5
Political sciences	100.0	65.6	3.5	11.4	4.9	4.6	5.3	4.3	0.5
Sociology	100.0	70.7	3.9	6.5	8.3	3.8	3.1	3.4	S
Other social sciences	100.0	61.9	5.2	13.4	5.9	5.0	4.5	3.6	0.4
Engineering	100.0	27.8	1.1	55.9	2.8	6.9	1.5	3.5	0.4
Aerospace/aeronautical/astronautical engineering	100.0	28.8	S	43.4	5.1	16.3	1.6	4.7	S
Chemical engineering	100.0	17.0	1.4	69.0	3.3	4.1	1.1	3.8	0.4
Civil engineering	100.0	39.0	1.3	41.8	2.1	6.5	4.7	3.3	1.4
Electrical/computer engineering	100.0	27.9	0.6	59.6	2.8	4.5	0.5	3.8	S
Materials/metallurgical engineering	100.0	15.5	1.4	66.1	2.6	9.5	S	3.8	0.8
Mechanical engineering	100.0	26.0	1.0	61.8	2.1	5.5	S	3.2	S
Other engineering	100.0	36.7	1.6	42.4	3.1	9.9	3.1	2.9	0.5
Health	100.0	57.2	2.4	19.7	6.8	6.5	2.1	4.7	0.6

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.