

TABLE 12. Employed doctoral scientists and engineers, by field of doctorate and years since doctorate: 2003

Field	Total	Number					More than 25
		5 or less	6–10	11–15	16–20	21–25	
All fields	593,300	115,610	107,560	87,230	76,620	68,200	138,080
Science	468,570	86,900	80,310	67,550	63,170	57,650	113,000
Biological, agricultural, and environmental life sciences	145,760	28,460	26,560	21,600	19,530	18,140	31,470
Agricultural/food sciences	16,890	2,450	2,570	3,140	2,850	2,170	3,720
Biochemistry/biophysics	22,850	3,840	4,040	2,660	2,980	3,290	6,040
Cell/molecular biology	15,180	4,400	4,110	2,600	1,830	900	1,350
Environmental life sciences	5,620	1,500	870	690	730	710	1,110
Microbiology	10,970	1,890	1,960	1,590	900	1,510	3,110
Zoology	12,070	1,630	1,320	1,320	1,680	1,820	4,300
Other biological sciences	62,190	12,750	11,690	9,600	8,560	7,740	11,840
Computer and information sciences	11,960	3,740	3,660	2,470	1,370	720	S
Mathematics and statistics	28,330	4,560	4,550	3,630	3,060	3,020	9,520
Physical sciences	112,670	18,390	18,270	16,260	14,600	12,290	32,850
Astronomy/astrophysics	3,820	710	780	450	500	490	880
Chemistry, except biochemistry	57,040	9,410	8,690	8,470	7,470	6,280	16,730
Earth/atmospheric/ocean sciences	17,050	3,000	3,040	2,620	2,590	2,240	3,560
Physics	34,760	5,270	5,770	4,720	4,040	3,280	11,690
Psychology	91,410	16,720	14,880	13,320	14,160	12,630	19,690
Social sciences	78,450	15,030	12,390	10,270	10,440	10,860	19,460
Economics	22,060	3,440	3,190	2,900	3,040	3,210	6,280
Political sciences	17,730	3,880	3,170	2,020	1,760	1,910	4,980
Sociology	14,250	2,500	1,890	1,730	2,080	2,450	3,600
Other social sciences	24,410	5,210	4,140	3,620	3,550	3,290	4,600
Engineering	101,500	21,970	21,910	15,990	10,720	8,260	22,650
Aerospace/aeronautical/astronautical engineering	4,150	920	1,090	450	350	160	1,180
Chemical engineering	13,460	2,540	2,350	2,320	1,910	850	3,490
Civil engineering	9,170	1,860	1,830	1,640	1,010	600	2,230
Electrical/computer engineering	28,480	6,570	6,580	4,440	2,680	2,120	6,100
Materials/metallurgical engineering	10,820	2,240	2,960	1,780	1,080	1,020	1,730
Mechanical engineering	13,920	3,400	3,030	2,220	1,450	1,050	2,770
Other engineering	21,480	4,440	4,070	3,130	2,230	2,460	5,150
Health	23,230	6,740	5,340	3,700	2,730	2,290	2,430
				Percent			
All fields	100.0	19.5	18.1	14.7	12.9	11.5	23.3
Science	100.0	18.5	17.1	14.4	13.5	12.3	24.1
Biological, agricultural, and environmental life sciences	100.0	19.5	18.2	14.8	13.4	12.4	21.6
Agricultural/food sciences	100.0	14.5	15.2	18.6	16.9	12.8	22.0
Biochemistry/biophysics	100.0	16.8	17.7	11.6	13.1	14.4	26.5
Cell/molecular biology	100.0	29.0	27.1	17.1	12.1	5.9	8.9
Environmental life sciences	100.0	26.6	15.5	12.3	13.0	12.7	19.8
Microbiology	100.0	17.2	17.9	14.5	8.2	13.8	28.3
Zoology	100.0	13.5	11.0	10.9	13.9	15.1	35.6
Other biological sciences	100.0	20.5	18.8	15.4	13.8	12.4	19.0
Computer and information sciences	100.0	31.3	30.6	20.7	11.5	6.0	S
Mathematics and statistics	100.0	16.1	16.0	12.8	10.8	10.6	33.6
Physical sciences	100.0	16.3	16.2	14.4	13.0	10.9	29.2
Astronomy/astrophysics	100.0	18.6	20.3	11.9	13.2	12.9	23.1
Chemistry, except biochemistry	100.0	16.5	15.2	14.9	13.1	11.0	29.3
Earth/atmospheric/ocean sciences	100.0	17.6	17.8	15.4	15.2	13.1	20.9

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Field	Total	5 or less	6–10	11–15	16–20	21–25	More than 25
Physics	100.0	15.2	16.6	13.6	11.6	9.4	33.6
Psychology	100.0	18.3	16.3	14.6	15.5	13.8	21.5
Social sciences	100.0	19.2	15.8	13.1	13.3	13.8	24.8
Economics	100.0	15.6	14.5	13.1	13.8	14.5	28.5
Political sciences	100.0	21.9	17.9	11.4	10.0	10.8	28.1
Sociology	100.0	17.6	13.3	12.1	14.6	17.2	25.3
Other social sciences	100.0	21.3	17.0	14.8	14.6	13.5	18.8
Engineering	100.0	21.6	21.6	15.7	10.6	8.1	22.3
Aerospace/aeronautical/astronautical engineering	100.0	22.2	26.2	10.9	8.3	3.8	28.5
Chemical engineering	100.0	18.8	17.5	17.2	14.2	6.3	25.9
Civil engineering	100.0	20.3	19.9	17.9	11.0	6.5	24.4
Electrical/computer engineering	100.0	23.1	23.1	15.6	9.4	7.4	21.4
Materials/metallurgical engineering	100.0	20.7	27.4	16.5	10.0	9.4	16.0
Mechanical engineering	100.0	24.4	21.8	16.0	10.4	7.6	19.9
Other engineering	100.0	20.7	18.9	14.6	10.4	11.4	24.0
Health	100.0	29.0	23.0	15.9	11.8	9.9	10.4

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.