

# DETAILED STATISTICAL TABLES

<i>Table</i>	<i>Page</i>
1. Primary education and employment status, and median salary of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	6
2. Primary education and employment status, and median salary of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	7
3. Primary education and employment status, and median salary of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and sex: October 2003 .....	8
4. Primary education and employment status, and median salary of 2001 and 2002 S&E master's degree recipients, by major field of degree and sex: October 2003 .....	9
5. Primary education and employment status, and median salary of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and race/ethnicity: October 2003 .....	10
6. Primary education and employment status, and median salary of 2001 and 2002 S&E master's degree recipients, by major field of degree and race/ethnicity: October 2003 .....	12

## CHARACTERISTICS OF 2001 AND 2002 BACHELOR'S AND MASTER'S DEGREE RECIPIENTS

7. Sex and race/ethnicity of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	14
8. Sex and race/ethnicity of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	15
9. Race/ethnicity of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and sex: October 2003 .....	16
10. Race/ethnicity of 2001 and 2002 S&E master's degree recipients, by major field of degree and sex: October 2003 .....	17
11. Age of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	18
12. Age of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 ....	19
13. Citizenship of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	20
14. Citizenship of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	21

## EDUCATIONAL CHARACTERISTICS OF 2001 AND 2002 BACHELOR'S AND MASTER'S DEGREE RECIPIENTS

15. Undergraduate grade point average of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	22
16. Undergraduate grade point average of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	23
17. Community college attendance and associate's degree receipt among 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	24

<i>Table</i>	<i>Page</i>
18. Community college attendance and associate's degree receipt among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	25
19. Sources of financial support for 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	26
20. Sources of financial support for 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	27
21. Amount borrowed for undergraduate education by 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	28
22. Amount borrowed for undergraduate and graduate education by 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	29
23. Amount owed for undergraduate loans by 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	30
24. Amount owed for undergraduate and graduate loans by 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	31
25. Enrollment in college courses since most recent degree and enrollment status among 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	32
26. Enrollment in college courses since most recent degree and enrollment status among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	33
27. Likelihood of taking additional college courses among 2001 and 2002 S&E bachelor's degree recipients who have not taken college courses since their most recent degree, by major field of degree: October 2003 .....	34
28. Likelihood of taking additional college courses among 2001 and 2002 S&E master's degree recipients who have not taken college courses since their most recent degree, by major field of degree: October 2003 .....	35
29. Type of degree or certificate sought by 2001 and 2002 S&E bachelor's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003 .....	36
30. Type of degree or certificate sought by 2001 and 2002 S&E master's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003 .....	37
31. Sex and race/ethnicity of 2001 and 2002 S&E bachelor's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003 .....	38
32. Sex and race/ethnicity of 2001 and 2002 S&E master's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003 .....	39
33. Educational activity since degree completion among 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	40
34. Educational activity between degree completion and the survey reference week among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	41

## EMPLOYMENT STATUS OF 2001 AND 2002 BACHELOR'S AND MASTER'S DEGREE RECIPIENTS

35. Selected employment characteristics of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	42
36. Selected employment characteristics of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	43

37. Labor force status of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	44
38. Labor force status of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	45
39. Labor force status of 2001 and 2002 S&E bachelor's degree recipients not studying full time, by major field of degree: October 2003 .....	46
40. Labor force status of 2001 and 2002 S&E master's degree recipients not studying full time, by major field of degree: October 2003 .....	47
41. Labor force status of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and sex: October 2003 .....	48
42. Labor force status of 2001 and 2002 S&E master's degree recipients, by major field of degree and sex: October 2003 .....	49
43. Labor force status of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and race/ethnicity: October 2003 .....	50
44. Labor force status of 2001 and 2002 S&E master's degree recipients, by major field of degree and race/ethnicity: October 2003 .....	52

## OCCUPATIONAL CHARACTERISTICS OF 2001 AND 2002 BACHELOR'S AND MASTER'S DEGREE RECIPIENTS

45. Relation of occupation to field of degree among 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	54
46. Relation of occupation to field of degree among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	55
47. Satisfaction with selected job factors among employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	56
48. Satisfaction with selected job factors among employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	57
49. Relation of job to highest degree among employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	58
50. Relation of job to highest degree among employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	59
51. Occupation of employed 2001 and 2002 S&E bachelor's degree recipients, by sex and race/ethnicity: October 2003 .....	60
52. Occupation of employed 2001 and 2002 S&E master's degree recipients, by sex and race/ethnicity: October 2003 .....	61
53. Occupation of employed 2001 and 2002 S&E bachelor's degree recipients, by age: October 2003 .....	62
54. Occupation of employed 2001 and 2002 S&E master's degree recipients, by age: October 2003 .....	63
55. Primary work activity of employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	64
56. Primary work activity of employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	65
57. Work-related training taken by employed 2001 and 2002 S&E bachelor's degree recipients, by occupation: October 2003 .....	66
58. Work-related training taken by employed 2001 and 2002 S&E master's degree recipients, by occupation: October 2003 .....	67

<i>Table</i>	<i>Page</i>
59. Work-related training taken by employed 2001 and 2002 S&E bachelor's degree recipients, by employment sector: October 2003 .....	68
60. Work-related training taken by employed 2001 and 2002 S&E master's degree recipients, by employment sector: October 2003 .....	69
61. Importance of selected job factors to employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	70
62. Importance of selected job factors to employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	71

## EMPLOYER CHARACTERISTICS OF 2001 AND 2002 BACHELOR'S AND MASTER'S DEGREE RECIPIENTS

63. Employment sector of 2001 and 2002 S&E bachelor's degree recipients, by occupation: October 2003 .....	72
64. Employment sector of 2001 and 2002 S&E master's degree recipients, by occupation: October 2003 .....	73
65. Employment sector of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003 .....	74
66. Employment sector of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003 .....	75

## SALARIES OF 2001 AND 2002 BACHELOR'S AND MASTER'S DEGREE RECIPIENTS

67. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sex, race/ethnicity, and major field of degree: October 2003 .....	76
68. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sex, race/ethnicity, and major field of degree: October 2003 .....	77
69. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sex, race/ethnicity, and occupation: October 2003 .....	78
70. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sex, race/ethnicity, and occupation: October 2003 .....	79
71. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sector of employment and major field of degree: October 2003 .....	80
72. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sector of employment and major field of degree: October 2003 .....	81
73. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sector of employment and occupation: October 2003 .....	82
74. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sector of employment and occupation: October 2003 .....	83

TABLE 1. Primary education and employment status, and median salary of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	Primary education and employment status						Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student			Not employed	
			Employed in S&E <sup>a</sup>	Employed in S&E-related <sup>b</sup>	Employed in non-S&E		
All fields	937,700	222,000	157,700	129,500	358,700	69,800	\$36,000
Sciences	682,200	185,100	89,700	25,200	327,400	54,700	32,000
Biological, agricultural, and environmental life sciences	150,700	61,400	21,300	13,900	44,400	9,800	29,000
Agricultural/food sciences	13,500	3,300	S	S	6,900	S	29,000
Biological sciences	125,000	56,400	16,500	11,600	32,900	7,600	29,000
Environmental life sciences	12,200	1,700	3,700	S	4,600	S	30,000
Computer and information sciences	84,800	6,400	38,600	S	33,600	5,700	45,000
Mathematics and statistics	25,600	6,000	4,100	S	13,700	1,500	36,000
Physical and related sciences	35,700	15,500	8,500	1,000	8,800	1,900	35,000
Chemistry, except biochemistry	19,800	10,000	4,800	S	3,300	S	35,000
Earth/atmospheric/ocean sciences	6,600	1,800	2,200	S	2,200	S	32,000
Physics/astronomy	7,000	3,600	1,300	S	1,800	S	40,000
Other physical sciences	2,300	S	S	S	1,500	S	31,000
Psychology	153,000	44,600	S	S	82,700	15,200	28,000
Social and related sciences	232,300	51,000	12,900	3,400	144,400	20,600	30,000
Economics	42,100	6,300	4,000	S	28,000	3,600	37,000
Political and related sciences	69,100	20,900	3,100	S	38,700	5,900	30,000
Sociology/anthropology	74,000	13,700	S	S	49,400	6,300	29,000
Other social sciences	47,100	10,100	S	S	28,400	4,800	30,000
Engineering	112,300	19,100	67,500	S	17,700	7,300	50,000
Aerospace/aeronautical/astronautical engineering	3,100	600	1,800	S	700	S	48,000
Chemical engineering	10,600	2,700	6,000	S	1,400	S	53,000
Civil/architectural engineering	16,300	1,100	12,500	S	1,900	S	44,000
Electrical/computer engineering	35,800	5,500	21,600	S	5,500	2,800	53,000
Industrial engineering	6,600	700	3,400	S	2,100	S	47,000
Materials/metallurgical engineering	2,300	S	S	S	S	S	S
Mechanical engineering	24,800	4,600	14,500	S	4,200	1,500	50,000
Other engineering	12,900	3,000	6,600	S	1,900	S	43,000
Health	143,300	17,700	S	103,700	13,600	S	43,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. For details, see technical notes.

<sup>b</sup> S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dieticians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>c</sup> Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2000 or 2001; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 2. Primary education and employment status, and median salary of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	Primary education and employment status						Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student			Not employed	
			Employed in S&E <sup>a</sup> occupation	Employed in S&E-related <sup>b</sup> occupation	Employed in non-S&E occupation		
All fields	246,700	40,900	75,800	58,900	51,600	19,400	\$52,000
Sciences	117,000	27,900	42,000	2,000	36,200	9,000	45,000
Biological, agricultural, and environmental life sciences	16,800	4,500	7,300	1,300	2,800	S	40,000
Agricultural/food sciences	2,900	S	1,700	S	S	S	39,000
Biological sciences	12,100	3,600	4,800	1,200	1,900	S	40,000
Environmental life sciences	1,800	S	S	S	S	S	41,000
Computer and information sciences	27,200	4,800	13,600	S	4,900	4,000	60,000
Mathematics and statistics	5,900	1,800	2,700	S	1,000	S	54,000
Physical and related sciences	9,600	3,100	4,800	S	1,300	S	49,000
Chemistry, except biochemistry	3,800	1,000	2,300	S	S	S	53,000
Earth/atmospheric/ocean sciences	2,600	S	1,700	S	S	S	44,000
Physics/astronomy	2,700	1,600	700	S	S	S	58,000
Other physical sciences	S	S	S	S	S	S	S
Psychology	32,000	6,800	9,200	S	14,400	S	38,000
Social and related sciences	25,500	6,800	4,400	S	11,700	2,400	42,000
Economics	3,900	1,300	900	S	1,300	S	49,000
Political and related sciences	7,500	S	1,500	S	4,300	S	46,000
Sociology/anthropology	5,500	2,300	S	S	2,200	S	34,000
Other social sciences	8,700	2,200	S	S	3,900	S	40,000
Engineering	47,000	10,800	29,900	S	3,600	2,600	65,000
Aerospace/aeronautical/astronautical engineering	1,100	S	800	S	S	S	60,000
Chemical engineering	1,900	700	900	S	S	S	63,000
Civil/architectural engineering	6,000	900	4,700	S	S	S	54,000
Electrical/computer engineering	16,100	4,400	9,900	S	S	S	70,000
Industrial engineering	3,700	S	2,300	S	S	S	71,000
Materials/metallurgical engineering	1,900	S	S	S	S	S	S
Mechanical engineering	6,000	1,200	4,000	S	S	S	59,000
Other engineering	10,300	2,300	6,200	S	1,200	S	65,000
Health	82,700	S	S	56,800	11,800	S	53,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. For details, see technical notes.

<sup>b</sup> S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dieticians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>c</sup> Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2000 or 2001; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 3. Primary education and employment status, and median salary of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and sex: October 2003

Major field and sex	Primary education and employment status							Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student					
			Employed in S&E <sup>a</sup> occupation	Employed in S&E-related <sup>b</sup> occupation	Employed in non-S&E occupation	Not employed		
All fields	937,700	222,000	157,700	129,500	358,700	69,800	\$36,000	
Sciences	682,200	185,100	89,700	25,200	327,400	54,700	32,000	
Male	298,600	79,000	55,400	6,600	137,600	20,100	35,000	
Female	383,600	106,100	34,300	18,600	189,900	34,700	30,000	
Biological, agricultural, and environmental life sciences	150,700	61,400	21,300	13,900	44,400	9,800	29,000	
Male	61,600	27,500	8,900	4,000	18,000	3,200	32,000	
Female	89,200	34,000	12,400	9,800	26,400	6,600	29,000	
Computer and information sciences	84,800	6,400	38,600	S	33,600	5,700	45,000	
Male	60,100	3,900	29,300	S	22,100	4,300	46,000	
Female	24,700	S	9,300	S	11,500	S	44,000	
Mathematics and statistics	25,600	6,000	4,100	S	13,700	1,500	36,000	
Male	13,800	3,900	2,000	S	7,200	S	38,000	
Female	11,800	2,100	2,200	S	6,500	S	35,000	
Physical and related sciences	35,700	15,500	8,500	1,000	8,800	1,900	35,000	
Male	18,900	8,400	4,800	S	4,600	900	36,000	
Female	16,800	7,100	3,700	S	4,200	1,000	34,000	
Psychology	153,000	44,600	S	S	82,700	15,200	28,000	
Male	38,800	12,800	S	S	20,400	S	30,000	
Female	114,200	31,800	S	S	62,200	12,700	28,000	
Social sciences	232,300	51,000	12,900	3,400	144,400	20,600	30,000	
Male	105,300	22,500	8,100	S	65,200	8,600	35,000	
Female	126,900	28,600	4,800	2,500	79,200	12,000	29,000	
Engineering	112,300	19,100	67,500	S	17,700	7,300	50,000	
Male	88,300	15,000	54,200	S	13,700	5,100	50,000	
Female	24,000	4,100	13,300	S	4,100	2,200	48,000	
Health	143,300	17,700	S	103,700	13,600	S	43,000	
Male	20,500	4,300	S	13,100	2,500	S	41,000	
Female	122,800	13,500	S	90,500	11,100	S	43,000	

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. For details, see technical notes.

<sup>b</sup> S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dietitians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>c</sup> Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2000 or 2001; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 4. Primary education and employment status, and median salary of 2001 and 2002 S&E master's degree recipients, by major field of degree and sex: October 2003

Major field and sex	Primary education and employment status						Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student			Not employed	
			Employed in S&E <sup>a</sup> occupation	Employed in S&E-related <sup>b</sup> occupation	Employed in non-S&E occupation		
All fields	246,700	40,900	75,800	58,900	51,600	19,400	\$52,000
Sciences	117,000	27,900	42,000	2,000	36,200	9,000	45,000
Male	54,200	13,500	23,000	S	14,200	3,100	49,000
Female	62,800	14,400	18,900	1,600	22,000	5,900	40,000
Biological, agricultural, and environmental life sciences	16,800	4,500	7,300	1,300	2,800	S	40,000
Male	7,400	2,200	3,800	S	1,200	S	41,000
Female	9,400	2,400	3,600	1,200	1,600	S	38,000
Computer and information sciences	27,200	4,800	13,600	S	4,900	4,000	60,000
Male	17,000	S	9,100	S	3,400	S	66,000
Female	10,200	S	4,400	S	1,500	S	56,000
Mathematics and statistics	5,900	1,800	2,700	S	1,000	S	54,000
Male	3,600	1,300	1,700	S	S	S	56,000
Female	2,300	500	1,000	S	500	S	51,000
Physical and related sciences	9,600	3,100	4,800	S	1,300	S	49,000
Male	6,200	2,400	3,000	S	S	S	52,000
Female	3,400	700	1,800	S	600	S	45,000
Psychology	32,000	6,800	9,200	S	14,400	S	38,000
Male	8,400	2,300	2,700	S	3,200	S	36,000
Female	23,500	4,500	6,500	S	11,300	S	38,000
Social sciences	25,500	6,800	4,400	S	11,700	2,400	42,000
Male	11,600	2,700	2,700	S	5,200	S	43,000
Female	14,000	4,100	1,600	S	6,500	1,600	41,000
Engineering	47,000	10,800	29,900	S	3,600	2,600	65,000
Male	37,800	8,800	24,700	S	2,800	1,600	65,000
Female	9,200	2,000	5,200	S	900	1,000	60,000
Health	82,700	S	S	56,800	11,800	S	53,000
Male	18,400	S	S	11,300	S	S	55,000
Female	64,300	S	S	45,500	7,300	S	50,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. For details, see technical notes.

<sup>b</sup> S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dieticians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>c</sup> Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2000 or 2001; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 5. Primary education and employment status, and median salary of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	Primary education and employment status							Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student				Not employed	
			Employed in S&E <sup>a</sup>	Employed in S&E-related <sup>b</sup>	Employed in non-S&E	Employed		
All science and engineering fields	937,700	222,000	157,700	129,500	358,700	69,800	\$36,000	
Sciences	682,200	185,100	89,700	25,200	327,400	54,700	32,000	
Asian	92,400	25,100	21,700	S	33,500	8,500	37,000	
Underrepresented minority	111,400	25,000	10,200	4,000	61,800	10,400	31,000	
White, non-Hispanic	457,600	129,900	55,600	16,500	221,600	34,000	31,000	
Other	20,800	5,200	S	S	10,500	S	34,000	
Biological, agricultural, and environmental life sciences	150,700	61,400	21,300	13,900	44,400	9,800	29,000	
Asian	23,500	12,700	S	S	S	S	S	
Underrepresented minority	19,400	6,300	2,700	2,200	6,100	2,100	30,000	
White, non-Hispanic	102,400	40,100	14,500	9,100	32,900	5,800	29,000	
Other	5,400	S	S	S	S	S	S	
Computer and information sciences	84,800	6,400	38,600	S	33,600	5,700	45,000	
Asian	27,500	S	13,700	S	9,800	S	47,000	
Underrepresented minority	11,700	S	4,000	S	5,000	S	38,000	
White, non-Hispanic	43,000	3,300	20,000	S	17,000	S	45,000	
Other	S	S	S	S	S	S	S	
Mathematics and statistics	25,600	6,000	4,100	S	13,700	1,500	36,000	
Asian	4,400	S	S	S	2,200	S	40,000	
Underrepresented minority	2,400	600	S	S	1,400	S	36,000	
White, non-Hispanic	17,800	4,500	2,700	S	9,700	S	35,000	
Other	S	S	S	S	S	S	S	
Physical and related sciences	35,700	15,500	8,500	1,000	8,800	1,900	35,000	
Asian	4,200	2,100	S	S	S	S	S	
Underrepresented minority	3,900	1,500	1,000	S	900	S	33,000	
White, non-Hispanic	26,500	11,200	6,700	S	6,800	1,400	35,000	
Other	1,100	S	S	S	S	S	S	
Psychology	153,000	44,600	S	S	82,700	15,200	28,000	
Asian	S	S	S	S	S	S	S	
Underrepresented minority	31,000	7,000	S	S	20,100	S	29,000	
White, non-Hispanic	110,800	36,200	S	S	55,300	12,000	29,000	
Other	S	S	S	S	S	S	S	
Social sciences	232,300	51,000	12,900	3,400	144,400	20,600	30,000	
Asian	25,000	6,800	S	S	11,900	S	36,000	
Underrepresented minority	43,000	8,400	1,200	S	28,300	4,200	30,000	
White, non-Hispanic	157,100	34,600	9,000	S	99,800	11,800	30,000	
Other	7,200	S	S	S	4,400	S	30,000	
Engineering	112,300	19,100	67,500	S	17,700	7,300	50,000	
Asian	23,300	5,400	12,000	S	3,400	S	52,000	
Underrepresented minority	13,500	2,000	8,000	S	2,600	900	47,000	
White, non-Hispanic	71,400	11,100	45,300	S	10,800	4,000	49,000	
Other	4,100	S	2,200	S	S	S	48,000	

TABLE 5. Primary education and employment status, and median salary of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	Primary education and employment status							Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student					
			Employed in S&E <sup>a</sup> occupation	Employed in S&E-related <sup>b</sup> occupation	Employed in non-S&E occupation	Not employed		
Health	143,300	17,700	S	103,700	13,600	S	43,000	
Asian	S	S	S	S	S	S	S	
Underrepresented minority	23,200	S	S	13,800	S	S	42,000	
White, non-Hispanic	108,800	11,100	S	81,000	10,800	S	43,000	
Other	S	S	S	S	S	S	S	

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. For details, see technical notes.

<sup>b</sup> S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dieticians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>c</sup> Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

NOTES: Detail may not add to total because of rounding. Underrepresented minority race/ethnicity category includes American Indian or Alaska Native, black, and Hispanic. "Other" race/ethnicity includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 6. Primary education and employment status, and median salary of 2001 and 2002 S&E master's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	Primary education and employment status						Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student				
			Employed in S&E <sup>a</sup> occupation	Employed in S&E-related <sup>b</sup> occupation	Employed in non-S&E occupation	Not employed	
All science and engineering fields	246,700	40,900	75,800	58,900	51,600	19,400	\$52,000
Sciences	117,000	27,900	42,000	2,000	36,200	9,000	45,000
Asian	37,100	10,600	16,500	S	5,300	4,500	55,000
Underrepresented minority	12,900	3,100	3,200	S	5,600	900	41,000
White, non-Hispanic	64,200	13,100	21,400	1,700	24,700	3,300	41,000
Other	2,800	S	S	S	S	S	43,000
Biological, agricultural, and environmental life sciences	16,800	4,500	7,300	1,300	2,800	S	40,000
Asian	3,600	S	S	S	S	S	S
Underrepresented minority	1,300	S	S	S	500	S	40,000
White, non-Hispanic	11,300	2,500	5,200	1,100	2,100	S	41,000
Other	S	S	S	S	S	S	S
Computer and information sciences	27,200	4,800	13,600	S	4,900	4,000	60,000
Asian	20,600	S	11,200	S	S	3,200	59,000
Underrepresented minority	1,500	S	S	S	S	S	53,000
White, non-Hispanic	4,800	S	1,500	S	2,300	S	68,000
Other	S	S	S	S	S	S	S
Mathematics and statistics	5,900	1,800	2,700	S	1,000	S	54,000
Asian	2,900	S	S	S	S	S	55,000
Underrepresented minority	400	S	S	S	S	S	50,000
White, non-Hispanic	2,500	700	1,300	S	S	S	50,000
Other	S	S	S	S	S	S	S
Physical and related sciences	9,600	3,100	4,800	S	1,300	S	49,000
Asian	2,900	1,200	S	S	S	S	51,000
Underrepresented minority	900	300	500	S	S	S	48,000
White, non-Hispanic	5,400	1,500	2,800	S	900	S	49,000
Other	S	S	S	S	S	S	S
Psychology	32,000	6,800	9,200	S	14,400	S	38,000
Asian	S	S	S	S	S	S	S
Underrepresented minority	5,100	1,300	1,100	S	2,500	S	38,000
White, non-Hispanic	23,700	3,900	7,600	S	11,100	S	36,000
Other	S	S	S	S	S	S	S
Social sciences	25,500	6,800	4,400	S	11,700	2,400	42,000
Asian	4,300	S	S	S	S	S	S
Underrepresented minority	3,700	1,000	S	S	2,000	S	40,000
White, non-Hispanic	16,500	3,800	3,100	S	7,900	1,400	42,000
Other	S	S	S	S	S	S	S
Engineering	47,000	10,800	29,900	S	3,600	2,600	65,000
Asian	23,900	7,500	13,600	S	S	S	64,000
Underrepresented minority	2,900	600	1,900	S	S	S	64,000
White, non-Hispanic	18,900	2,200	13,700	S	2,200	S	65,000
Other	1,300	S	S	S	S	S	S

TABLE 6. Primary education and employment status, and median salary of 2001 and 2002 S&E master's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	Primary education and employment status						Median salary for full-time employed <sup>c</sup>
	All recipients	Full-time student	Not full-time student			Not employed	
			Employed in S&E <sup>a</sup> occupation	Employed in S&E-related <sup>b</sup> occupation	Employed in non-S&E occupation		
Health	82,700	S	S	56,800	11,800	S	53,000
Asian	S	S	S	S	S	S	S
Underrepresented minority	8,200	S	S	S	S	S	43,000
White, non-Hispanic	68,100	S	S	49,900	S	S	52,000
Other	S	S	S	S	S	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. For details, see technical notes.

<sup>b</sup> S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dieticians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>c</sup> Salary data are for principal jobs only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

NOTES: Detail may not add to total because of rounding. Underrepresented minority race/ethnicity category includes American Indian or Alaska Native, black, and Hispanic. "Other" race/ethnicity includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 7. Sex and race/ethnicity of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Sex		Race/ethnicity							
				Underrepresented minority						White, non-Hispanic	Other <sup>a</sup>
				Asian	American Indian/Alaska Native	Black, non-Hispanic	Hispanic	Hispanic	Hispanic		
All fields	937,700	407,400	530,300	121,000	5,900	72,200	70,000	637,800	30,800		
Sciences	682,200	298,600	383,600	92,400	3,300	52,600	55,500	457,600	20,800		
Biological, agricultural, and environmental life sciences	150,700	61,600	89,200	23,500	S	8,100	10,100	102,400	5,400		
Agricultural/food sciences	13,500	5,800	7,700	S	S	S	S	12,100	S		
Biological sciences	125,000	49,500	75,500	22,300	S	7,700	9,200	80,100	S		
Environmental life sciences	12,200	6,200	6,000	S	S	S	S	10,200	S		
Computer and information sciences	84,800	60,100	24,700	27,500	S	6,000	5,400	43,000	S		
Mathematics and statistics	25,600	13,800	11,800	4,400	S	1,200	1,200	17,800	S		
Physical and related sciences	35,700	18,900	16,800	4,200	S	1,800	1,900	26,500	1,100		
Chemistry, except biochemistry	19,800	8,700	11,100	3,300	S	1,300	1,100	13,400	S		
Earth/atmospheric/ocean sciences	6,600	4,000	2,600	S	S	S	S	6,100	S		
Physics/astronomy	7,000	5,200	1,800	S	S	300	300	5,400	S		
Other physical sciences	2,300	S	1,300	S	S	S	S	1,600	S		
Psychology	153,000	38,800	114,200	S	S	15,600	14,800	110,800	S		
Social and related sciences	232,300	105,300	126,900	25,000	S	19,800	22,100	157,100	7,200		
Economics	42,100	27,600	14,400	11,000	S	2,700	2,500	24,600	S		
Political and related sciences	69,100	32,900	36,100	S	S	6,500	7,100	49,200	S		
Sociology/anthropology	74,000	23,500	50,500	S	S	7,100	7,900	51,300	S		
Other social sciences	47,100	21,200	25,900	S	S	3,500	4,600	31,900	S		
Engineering	112,300	88,300	24,000	23,300	S	5,100	8,200	71,400	4,100		
Aerospace/aeronautical/astronautical engineering	3,100	2,600	600	S	S	S	200	2,300	S		
Chemical engineering	10,600	6,900	3,700	2,400	S	500	700	6,700	S		
Civil/architectural engineering	16,300	12,200	4,100	2,200	S	600	1,200	11,400	S		
Electrical/computer engineering	35,800	30,100	5,700	11,500	S	2,000	2,800	17,700	S		
Industrial engineering	6,600	4,200	2,300	S	S	400	900	4,200	S		
Materials/metallurgical engineering	2,300	1,600	S	S	S	S	S	1,800	S		
Mechanical engineering	24,800	21,700	3,100	3,600	S	900	1,800	17,600	S		
Other engineering	12,900	9,100	3,700	S	S	S	500	9,800	S		
Health	143,300	20,500	122,800	S	S	14,500	6,300	108,800	S		

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 8. Sex and race/ethnicity of 2001 and 2002 S&amp;E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Race/ethnicity					
		Sex		Under-			
		Male	Female	Asian	represented minority <sup>a</sup>	White, non-Hispanic	Other <sup>b</sup>
All fields	246,700	110,300	136,300	65,100	24,000	151,200	6,400
Sciences	117,000	54,200	62,800	37,100	12,900	64,200	2,800
Biological, agricultural, and environmental life sciences	16,800	7,400	9,400	3,600	1,300	11,300	S
Agricultural/food sciences	2,900	1,700	1,200	S	S	2,200	S
Biological sciences	12,100	4,600	7,500	2,800	900	7,900	S
Environmental life sciences	1,800	S	800	S	S	1,200	S
Computer and information sciences	27,200	17,000	10,200	20,600	1,500	4,800	S
Mathematics and statistics	5,900	3,600	2,300	2,900	400	2,500	S
Physical and related sciences	9,600	6,200	3,400	2,900	900	5,400	S
Chemistry, except biochemistry	3,800	2,600	1,200	S	500	1,500	S
Earth/atmospheric/ocean sciences	2,600	1,400	1,200	S	S	1,900	S
Physics/astronomy	2,700	2,000	700	1,000	S	1,500	S
Other physical sciences	S	S	S	S	S	S	S
Psychology	32,000	8,400	23,500	S	5,100	23,700	S
Social and related sciences	25,500	11,600	14,000	4,300	3,700	16,500	S
Economics	3,900	2,200	1,700	1,300	600	1,800	S
Political and related sciences	7,500	4,000	3,400	S	900	4,900	S
Sociology/anthropology	5,500	2,100	3,400	S	1,100	3,600	S
Other social sciences	8,700	3,300	5,400	S	1,100	6,200	S
Engineering	47,000	37,800	9,200	23,900	2,900	18,900	1,300
Aerospace/aeronautical/astronautical engineering	1,100	900	200	S	S	700	S
Chemical engineering	1,900	1,400	500	1,200	S	600	S
Civil/architectural engineering	6,000	4,800	1,200	2,200	400	3,000	S
Electrical/computer engineering	16,100	12,900	3,200	10,800	500	4,500	S
Industrial engineering	3,700	3,000	700	1,800	S	1,600	S
Materials/metallurgical engineering	1,900	1,700	S	S	S	S	S
Mechanical engineering	6,000	5,200	800	2,700	500	2,600	S
Other engineering	10,300	7,900	2,400	3,500	800	5,600	S
Health	82,700	18,400	64,300	S	8,200	68,100	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, black and Hispanic.

<sup>b</sup> Includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 9. Race/ethnicity of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and sex: October 2003

Major field	All recipients	Asian		Underrepresented minority <sup>a</sup>		White, non-Hispanic		Other <sup>b</sup>	
		Male	Female	Male	Female	Male	Female	Male	Female
All fields	937,700	63,400	57,600	54,200	94,000	275,900	361,900	13,900	16,900
Sciences	682,200	45,000	47,400	41,700	69,700	203,100	254,500	8,800	12,000
Biological, agricultural, and environmental life sciences	150,700	9,700	13,800	7,200	12,200	42,600	59,800	S	S
Agricultural/food sciences	13,500	S	S	S	S	5,000	7,100	S	S
Biological sciences	125,000	S	13,300	6,700	11,400	32,100	48,000	S	S
Environmental life sciences	12,200	S	S	S	S	5,500	4,800	S	S
Computer and information sciences	84,800	17,500	10,000	7,600	4,100	33,800	9,100	S	S
Mathematics and statistics	25,600	2,500	1,900	1,300	1,200	9,400	8,400	S	S
Physical and related sciences	35,700	2,300	1,900	1,600	2,300	14,600	11,900	S	S
Chemistry, except biochemistry	19,800	S	S	900	1,500	5,900	7,500	S	S
Earth/atmospheric/ocean sciences	6,600	S	S	S	S	3,800	2,300	S	S
Physics/astronomy	7,000	S	S	400	200	4,000	1,400	S	S
Other physical sciences	2,300	S	S	S	S	S	S	S	S
Psychology	153,000	S	S	7,900	23,100	28,600	82,200	S	S
Social and related sciences	232,300	11,800	13,200	16,200	26,800	74,200	82,900	3,200	4,000
Economics	42,100	7,000	S	3,600	1,700	16,400	8,300	S	S
Political and related sciences	69,100	S	S	4,700	9,100	25,600	23,700	S	S
Sociology/anthropology	74,000	S	S	4,800	10,600	17,400	33,900	S	S
Other social sciences	47,100	S	S	3,100	5,500	14,900	17,100	S	S
Engineering	112,300	18,000	5,300	9,500	4,000	57,900	13,500	2,900	1,200
Aerospace/aeronautical/astronautical engineering	3,100	S	S	200	S	1,800	500	S	S
Chemical engineering	10,600	S	S	600	600	4,700	2,000	S	S
Civil/architectural engineering	16,300	S	S	1,100	700	8,900	2,500	S	S
Electrical/computer engineering	35,800	8,900	S	4,100	900	16,000	1,700	S	S
Industrial engineering	6,600	S	S	700	600	2,900	1,300	S	S
Materials/metallurgical engineering	2,300	S	S	S	S	1,100	S	S	S
Mechanical engineering	24,800	3,300	S	2,200	400	15,400	2,100	S	S
Other engineering	12,900	S	S	S	600	7,000	2,800	S	S
Health	143,300	S	S	S	20,200	14,900	93,900	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, black and Hispanic.

<sup>b</sup> Includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 10. Race/ethnicity of 2001 and 2002 S&E master's degree recipients, by major field of degree and sex: October 2003

Major field	All recipients	Asian		Underrepresented minority <sup>a</sup>		White, non-Hispanic		Other <sup>b</sup>	
		Male	Female	Male	Female	Male	Female	Male	Female
All fields	246,700	40,300	24,800	10,100	13,900	55,700	99,900	2,100	S
Sciences	117,000	20,600	16,400	5,100	7,800	26,800	39,000	1,200	S
Biological, agricultural, and environmental life sciences	16,800	S	S	500	800	5,300	6,100	S	S
Agricultural/food sciences	2,900	S	S	S	S	1,400	S	S	S
Biological sciences	12,100	S	S	S	400	3,100	4,900	S	S
Environmental life sciences	1,800	S	S	S	S	S	S	S	S
Computer and information sciences	27,200	12,400	8,200	1,000	S	3,300	1,800	S	S
Mathematics and statistics	5,900	2,000	S	200	200	1,300	1,200	S	S
Physical and related sciences	9,600	2,100	S	500	300	3,200	2,500	S	S
Chemistry, except biochemistry	3,800	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean sciences	2,600	S	S	S	S	1,000	1,100	S	S
Physics/astronomy	2,700	S	S	S	S	1,100	400	S	S
Other physical sciences	S	S	S	S	S	S	S	S	S
Psychology	32,000	S	S	S	3,800	6,200	17,700	S	S
Social and related sciences	25,500	1,900	2,500	1,500	2,200	7,600	9,500	S	S
Economics	3,900	S	S	S	S	1,100	700	S	S
Political and related sciences	7,500	S	S	S	S	2,600	2,700	S	S
Sociology/anthropology	5,500	S	S	S	800	1,400	2,300	S	S
Other social sciences	8,700	S	S	S	800	2,500	3,800	S	S
Engineering	47,000	19,300	4,600	2,200	800	15,400	4,300	S	S
Aerospace/aeronautical/astronautical engineering	1,100	S	S	S	S	600	S	S	S
Chemical engineering	1,900	S	S	S	S	S	S	S	S
Civil/architectural engineering	6,000	1,800	S	S	S	2,400	900	S	S
Electrical/computer engineering	16,100	8,500	2,300	S	S	3,800	S	S	S
Industrial engineering	3,700	S	S	S	S	1,300	S	S	S
Materials/metallurgical engineering	1,900	S	S	S	S	S	S	S	S
Mechanical engineering	6,000	2,400	S	S	S	2,200	500	S	S
Other engineering	10,300	2,600	S	S	S	4,500	1,400	S	S
Health	82,700	S	S	S	5,400	13,400	56,600	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, black and Hispanic.

<sup>b</sup> Includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 11. Age of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Less than 25 years	25-29 years	30-34 years	35 years or more
All fields	937,700	467,700	307,500	70,400	92,100
Sciences	682,200	368,500	222,800	43,800	47,000
Biological, agricultural, and environmental life sciences	150,700	84,900	53,000	8,000	4,800
Agricultural/food sciences	13,500	6,700	6,100	S	S
Biological sciences	125,000	72,700	42,000	6,700	S
Environmental life sciences	12,200	5,400	4,900	S	S
Computer and information sciences	84,800	32,600	34,300	8,700	9,200
Mathematics and statistics	25,600	14,800	8,300	1,300	1,200
Physical and related sciences	35,700	20,200	10,700	2,300	2,500
Chemistry, except biochemistry	19,800	12,000	5,900	S	1,000
Earth/atmospheric/ocean sciences	6,600	2,800	2,200	900	600
Physics/astronomy	7,000	4,500	2,000	S	S
Other physical sciences	2,300	S	S	S	500
Psychology	153,000	88,600	43,800	8,900	11,800
Social and related sciences	232,300	127,500	72,700	14,600	17,500
Economics	42,100	28,300	10,800	1,700	S
Political and related sciences	69,100	43,200	21,800	1,900	2,100
Sociology/anthropology	74,000	35,500	25,600	5,600	7,300
Other social sciences	47,100	20,500	14,400	5,400	6,800
Engineering	112,300	50,600	48,400	8,100	5,300
Aerospace/aeronautical/astronautical engineering	3,100	1,800	1,100	S	S
Chemical engineering	10,600	5,900	4,000	S	S
Civil/architectural engineering	16,300	5,800	8,400	1,500	S
Electrical/computer engineering	35,800	16,500	13,700	3,100	2,400
Industrial engineering	6,600	2,500	3,500	S	S
Materials/metallurgical engineering	2,300	1,100	S	S	S
Mechanical engineering	24,800	10,300	11,500	1,500	1,400
Other engineering	12,900	6,700	5,200	S	S
Health	143,300	48,500	36,400	18,500	39,800

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 12. Age of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Less than 25 years	25-29 years	30-34 years	35 years or more
All fields	246,700	6,500	107,100	63,200	69,800
Sciences	117,000	2,400	51,700	32,400	30,500
Biological, agricultural, and environmental life sciences	16,800	S	8,800	4,500	3,100
Agricultural/food sciences	2,900	S	1,400	S	S
Biological sciences	12,100	S	6,600	2,800	2,300
Environmental life sciences	1,800	S	S	S	S
Computer and information sciences	27,200	S	11,300	8,400	6,800
Mathematics and statistics	5,900	S	2,800	1,900	1,000
Physical and related sciences	9,600	S	4,300	3,000	2,100
Chemistry, except biochemistry	3,800	S	1,500	1,300	S
Earth/atmospheric/ocean sciences	2,600	S	1,100	800	S
Physics/astronomy	2,700	S	1,500	700	S
Other physical sciences	S	S	S	S	S
Psychology	32,000	S	14,100	7,200	10,500
Social and related sciences	25,500	S	10,500	7,500	7,000
Economics	3,900	S	2,000	900	800
Political and related sciences	7,500	S	3,200	2,200	1,900
Sociology/anthropology	5,500	S	2,500	1,800	1,100
Other social sciences	8,700	S	2,800	2,600	3,200
Engineering	47,000	2,300	25,900	11,600	7,200
Aerospace/aeronautical/astronautical engineering	1,100	S	700	S	S
Chemical engineering	1,900	S	1,200	S	S
Civil/architectural engineering	6,000	S	3,500	1,600	S
Electrical/computer engineering	16,100	S	9,300	3,700	2,000
Industrial engineering	3,700	S	1,900	800	1,000
Materials/metallurgical engineering	1,900	S	S	S	S
Mechanical engineering	6,000	S	4,200	1,200	S
Other engineering	10,300	S	4,100	3,100	2,700
Health	82,700	S	29,500	19,200	32,200

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 13. Citizenship of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	U.S. citizen			Non-U.S. citizen
		Total	From birth	Naturalized	
All fields	937,700	896,600	823,000	73,500	41,200
Sciences	682,200	654,900	596,800	58,100	27,300
Biological, agricultural, and environmental life sciences	150,700	146,100	131,900	14,200	4,700
Agricultural/food sciences	13,500	13,500	13,400	S	S
Biological sciences	125,000	120,400	106,900	13,500	4,600
Environmental life sciences	12,200	12,200	11,600	S	S
Computer and information sciences	84,800	76,000	58,700	17,300	8,800
Mathematics and statistics	25,600	24,100	21,600	2,600	1,500
Physical and related sciences	35,700	34,500	32,400	2,000	1,300
Chemistry, except biochemistry	19,800	19,000	17,400	1,600	S
Earth/atmospheric/ocean sciences	6,600	6,600	6,400	S	S
Physics/astronomy	7,000	6,600	6,400	S	S
Other physical sciences	2,300	2,200	2,200	S	S
Psychology	153,000	148,400	140,300	8,100	S
Social and related sciences	232,300	225,800	211,800	13,900	6,500
Economics	42,100	40,000	36,100	3,900	S
Political and related sciences	69,100	67,500	64,100	3,300	S
Sociology/anthropology	74,000	72,500	67,500	5,000	S
Other social sciences	47,100	45,800	44,100	S	S
Engineering	112,300	102,900	91,400	11,400	9,500
Aerospace/aeronautical/astronautical engineering	3,100	3,100	2,800	200	S
Chemical engineering	10,600	10,100	8,700	1,400	S
Civil/architectural engineering	16,300	15,200	14,300	S	S
Electrical/computer engineering	35,800	30,200	24,100	6,100	5,600
Industrial engineering	6,600	6,100	5,600	S	S
Materials/metallurgical engineering	2,300	1,900	1,700	S	S
Mechanical engineering	24,800	23,900	22,000	1,900	S
Other engineering	12,900	12,500	12,100	S	S
Health	143,300	138,800	134,800	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 14. Citizenship of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	U.S. citizen			Non-U.S. citizen
		Total	From birth	Naturalized	
All fields	246,700	188,100	170,100	18,000	58,600
Sciences	117,000	82,100	74,700	7,500	34,800
Biological, agricultural, and environmental life sciences	16,800	14,100	13,200	S	2,700
Agricultural/food sciences	2,900	2,300	2,300	S	S
Biological sciences	12,100	10,200	9,300	S	1,800
Environmental life sciences	1,800	1,600	1,600	S	S
Computer and information sciences	27,200	7,400	5,800	1,600	19,800
Mathematics and statistics	5,900	3,000	2,200	S	2,800
Physical and related sciences	9,600	6,300	5,800	S	3,200
Chemistry, except biochemistry	3,800	2,100	1,800	S	1,700
Earth/atmospheric/ocean sciences	2,600	2,400	2,300	S	S
Physics/astronomy	2,700	1,500	1,300	S	1,200
Other physical sciences	S	S	S	S	S
Psychology	32,000	30,500	28,700	S	S
Social and related sciences	25,500	20,800	19,000	1,800	4,800
Economics	3,900	1,800	1,600	S	2,100
Political and related sciences	7,500	6,500	5,700	S	S
Sociology/anthropology	5,500	5,100	4,700	S	S
Other social sciences	8,700	7,400	7,000	S	S
Engineering	47,000	24,700	20,700	4,000	22,300
Aerospace/aeronautical/astronautical engineering	1,100	800	700	S	S
Chemical engineering	1,900	900	900	S	1,000
Civil/architectural engineering	6,000	3,600	3,100	S	2,400
Electrical/computer engineering	16,100	6,400	4,500	1,900	9,700
Industrial engineering	3,700	2,000	1,700	S	1,800
Materials/metallurgical engineering	1,900	S	S	S	S
Mechanical engineering	6,000	3,100	2,800	S	2,900
Other engineering	10,300	7,300	6,600	S	3,000
Health	82,700	81,200	74,700	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 15. Undergraduate grade point average of 2001 and 2002 S&amp;E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Undergraduate GPA		
		Below 2.75	2.75 to 3.24	3.25 or higher
All fields	937,700	99,000	308,900	528,700
Sciences	682,200	76,900	226,000	378,100
Biological, agricultural, and environmental life sciences	150,700	15,600	47,800	86,600
Agricultural/food sciences	13,500	1,700	4,900	7,000
Biological sciences	125,000	12,800	37,700	73,800
Environmental life sciences	12,200	S	5,300	5,800
Computer and information sciences	84,800	8,900	35,500	40,300
Mathematics and statistics	25,600	2,000	7,800	15,800
Physical and related sciences	35,700	3,600	10,800	21,400
Chemistry, except biochemistry	19,800	1,700	5,800	12,300
Earth/atmospheric/ocean sciences	6,600	1,100	2,400	3,200
Physics/astronomy	7,000	500	2,000	4,600
Other physical sciences	2,300	S	S	1,300
Psychology	153,000	16,300	50,000	86,700
Social and related sciences	232,300	30,500	74,100	127,300
Economics	42,100	4,900	16,800	20,400
Political and related sciences	69,100	8,200	22,300	38,300
Sociology/anthropology	74,000	11,400	23,000	39,600
Other social sciences	47,100	5,900	12,000	29,000
Engineering	112,300	14,200	43,700	54,400
Aerospace/aeronautical/astronautical engineering	3,100	400	1,400	1,400
Chemical engineering	10,600	800	3,800	6,000
Civil/architectural engineering	16,300	2,600	6,700	7,000
Electrical/computer engineering	35,800	3,900	13,900	17,900
Industrial engineering	6,600	1,000	2,800	2,800
Materials/metallurgical engineering	2,300	S	S	1,100
Mechanical engineering	24,800	3,600	9,200	12,000
Other engineering	12,900	1,400	5,300	6,200
Health	143,300	7,900	39,200	96,200

GPA = Grade point average.

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding and because a small number of graduates reported that their undergraduate courses were ungraded and have been excluded. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 16. Undergraduate grade point average of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Undergraduate GPA		
		Below 2.75	2.75 to 3.24	3.25 or higher
All fields	246,700	16,100	58,400	171,300
Sciences	117,000	7,400	29,400	79,300
Biological, agricultural, and environmental life sciences	16,800	1,600	5,800	9,400
Agricultural/food sciences	2,900	S	S	1,500
Biological sciences	12,100	1,100	4,000	7,000
Environmental life sciences	1,800	S	S	1,000
Computer and information sciences	27,200	S	5,800	20,100
Mathematics and statistics	5,900	S	1,000	4,700
Physical and related sciences	9,600	S	2,500	6,500
Chemistry, except biochemistry	3,800	S	S	2,800
Earth/atmospheric/ocean sciences	2,600	S	1,000	1,400
Physics/astronomy	2,700	S	600	2,000
Other physical sciences	S	S	S	S
Psychology	32,000	2,700	8,800	20,400
Social and related sciences	25,500	1,500	5,500	18,200
Economics	3,900	S	600	3,000
Political and related sciences	7,500	S	1,500	5,500
Sociology/anthropology	5,500	S	1,400	3,500
Other social sciences	8,700	S	1,900	6,200
Engineering	47,000	2,400	11,900	32,500
Aerospace/aeronautical/astronautical engineering	1,100	S	S	900
Chemical engineering	1,900	S	500	1,400
Civil/architectural engineering	6,000	S	1,800	3,800
Electrical/computer engineering	16,100	S	3,600	11,900
Industrial engineering	3,700	S	600	2,700
Materials/metallurgical engineering	1,900	S	S	S
Mechanical engineering	6,000	S	1,400	4,400
Other engineering	10,300	S	3,400	6,000
Health	82,700	S	17,100	59,400

GPA = Grade point average.

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding and because a small number of graduates reported that their undergraduate courses were ungraded and have been excluded. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 17. Community college attendance and associate's degree receipt among 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Attended community college		Earned associate's degree	
		Number	Percent	Number	Percent
All fields	937,700	470,100	50	160,100	17
Sciences	682,200	326,600	48	103,200	15
Biological, agricultural, and environmental life sciences	150,700	68,100	45	17,800	12
Agricultural/food sciences	13,500	6,300	46	2,700	20
Biological sciences	125,000	54,800	44	12,600	10
Environmental life sciences	12,200	7,000	58	2,500	21
Computer and information sciences	84,800	43,000	51	16,500	19
Mathematics and statistics	25,600	10,900	43	3,400	13
Physical and related sciences	35,700	15,300	43	3,600	10
Chemistry, except biochemistry	19,800	8,300	42	1,600	8
Earth/atmospheric/ocean sciences	6,600	3,600	54	1,000	15
Physics/astronomy	7,000	2,200	31	S	S
Other physical sciences	2,300	1,200	55	600	24
Psychology	153,000	78,300	51	28,200	18
Social and related sciences	232,300	111,100	48	33,800	15
Economics	42,100	17,000	40	3,000	7
Political and related sciences	69,100	27,000	39	4,600	7
Sociology/anthropology	74,000	40,400	55	14,100	19
Other social sciences	47,100	26,700	57	12,100	26
Engineering	112,300	47,400	42	10,300	9
Aerospace/aeronautical/astronautical engineering	3,100	1,100	36	S	S
Chemical engineering	10,600	4,900	46	700	6
Civil/architectural engineering	16,300	7,100	44	1,800	11
Electrical/computer engineering	35,800	15,700	44	3,800	11
Industrial engineering	6,600	2,600	39	500	8
Materials/metallurgical engineering	2,300	S	S	S	S
Mechanical engineering	24,800	10,600	43	2,100	9
Other engineering	12,900	4,900	38	S	S
Health	143,300	96,000	67	46,600	33

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 18. Community college attendance and associate's degree receipt among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Attended community college		Earned associate's degree	
		Number	Percent	Number	Percent
All fields	246,700	110,300	45	37,200	15
Sciences	117,000	42,900	37	13,700	12
Biological, agricultural, and environmental life sciences	16,800	6,100	37	1,400	8
Agricultural/food sciences	2,900	1,300	44	S	S
Biological sciences	12,100	4,200	35	S	S
Environmental life sciences	1,800	S	S	S	S
Computer and information sciences	27,200	7,600	28	2,500	9
Mathematics and statistics	5,900	1,400	24	S	S
Physical and related sciences	9,600	3,500	37	700	7
Chemistry, except biochemistry	3,800	1,100	28	S	S
Earth/atmospheric/ocean sciences	2,600	1,400	53	S	S
Physics/astronomy	2,700	800	31	S	S
Other physical sciences	S	S	S	S	S
Psychology	32,000	14,600	46	5,900	18
Social and related sciences	25,500	9,600	37	2,900	11
Economics	3,900	700	19	S	S
Political and related sciences	7,500	2,800	37	S	S
Sociology/anthropology	5,500	2,400	43	900	17
Other social sciences	8,700	3,600	42	S	S
Engineering	47,000	13,400	28	3,200	7
Aerospace/aeronautical/astronautical engineering	1,100	S	S	S	S
Chemical engineering	1,900	S	S	S	S
Civil/architectural engineering	6,000	1,800	30	S	S
Electrical/computer engineering	16,100	4,200	26	S	S
Industrial engineering	3,700	900	24	S	S
Materials/metallurgical engineering	1,900	S	S	S	S
Mechanical engineering	6,000	1,300	22	S	S
Other engineering	10,300	4,300	42	S	S
Health	82,700	54,000	65	20,300	25

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 19. Sources of financial support for 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Assistant-ships, work study	Earnings from employment	Employer assistance	Gifts from parents/relatives	Loans from college, bank, government	Loans from parents/relatives	Scholarships, grants, fellowships	Other sources
All fields	937,700	220,700	535,700	85,000	632,300	565,900	82,100	581,100	23,100
Sciences	682,200	169,900	385,400	47,200	468,100	414,200	60,000	422,000	14,100
Biological, agricultural, and environmental life sciences	150,700	39,300	88,900	7,000	110,200	89,700	13,800	106,600	S
Agricultural/food sciences	13,500	2,500	8,300	S	9,000	7,900	1,400	9,800	S
Biological sciences	125,000	32,900	73,500	6,000	93,700	73,500	11,000	88,500	S
Environmental life sciences	12,200	3,900	7,100	S	7,500	8,300	S	8,300	S
Computer and information sciences	84,800	16,800	45,000	12,300	49,400	49,600	6,700	45,300	S
Mathematics and statistics	25,600	7,200	14,300	1,300	16,700	16,000	2,100	18,600	S
Physical and related sciences	35,700	10,400	21,500	2,800	25,100	21,300	2,500	26,000	S
Chemistry, except biochemistry	19,800	5,500	11,500	1,300	14,300	11,400	1,200	15,300	S
Earth/atmospheric/ocean sciences	6,600	2,100	3,900	700	4,300	4,600	S	4,400	S
Physics/astronomy	7,000	2,600	4,300	S	5,300	3,800	500	5,000	S
Other physical sciences	2,300	S	1,700	S	1,200	1,500	S	1,300	S
Psychology	153,000	37,600	82,600	10,000	106,100	91,100	12,000	87,700	S
Social and related sciences	232,300	58,600	133,200	13,800	160,700	146,600	23,000	137,900	6,100
Economics	42,100	8,900	23,300	2,300	33,100	22,600	3,700	22,000	S
Political and related sciences	69,100	20,200	38,400	S	49,600	46,100	6,500	46,900	S
Sociology/anthropology	74,000	20,200	44,500	5,700	48,000	50,400	9,200	44,100	S
Other social sciences	47,100	9,400	27,000	4,000	30,100	27,500	3,600	24,900	S
Engineering	112,300	24,900	68,300	9,200	78,100	61,100	13,100	70,800	2,000
Aerospace/aeronautical/astronautical engineering	3,100	500	1,900	S	2,300	2,000	300	2,300	S
Chemical engineering	10,600	2,200	6,300	S	8,000	5,400	900	7,900	S
Civil/architectural engineering	16,300	3,000	10,400	1,300	11,700	10,100	1,900	10,200	S
Electrical/computer engineering	35,800	8,800	20,400	3,300	23,000	18,100	4,700	20,600	S
Industrial engineering	6,600	1,500	3,600	S	4,800	3,400	1,000	3,900	S
Materials/metallurgical engineering	2,300	S	1,200	S	1,600	1,200	S	1,200	S
Mechanical engineering	24,800	5,400	15,900	2,500	16,600	13,700	2,600	16,000	S
Other engineering	12,900	3,200	8,500	S	10,200	7,100	1,400	8,800	S
Health	143,300	25,800	82,000	28,600	86,100	90,600	9,000	88,200	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Numbers for sources of support sum to more than the total because of multiple responses.

Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002;

estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 20. Sources of financial support for 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Assistant-ships, work study	Earnings from employment	Employer assistance	Gifts from parents/relatives	Loans from		Scholarships, grants, fellowships	Other sources
						college, bank, government	parents/relatives		
All fields	246,700	88,400	124,900	59,500	89,700	102,000	11,700	121,800	4,200
Sciences	117,000	51,300	57,500	23,800	45,900	44,600	5,500	61,200	3,100
Biological, agricultural, and environmental life sciences	16,800	8,500	7,800	3,800	5,600	6,400	S	9,400	S
Agricultural/food sciences	2,900	1,800	1,600	S	S	S	S	1,800	S
Biological sciences	12,100	5,700	5,400	2,900	4,400	4,800	S	6,600	S
Environmental life sciences	1,800	1,000	S	S	S	S	S	1,000	S
Computer and information sciences	27,200	10,300	9,800	7,000	14,900	4,000	S	10,100	S
Mathematics and statistics	5,900	3,400	2,100	1,300	1,600	1,100	S	4,100	S
Physical and related sciences	9,600	5,900	3,600	2,200	2,000	2,100	S	6,900	S
Chemistry, except biochemistry	3,800	2,300	1,000	S	S	900	S	2,700	S
Earth/atmospheric/ocean sciences	2,600	1,400	1,600	S	S	800	S	1,700	S
Physics/astronomy	2,700	2,000	700	800	500	S	S	2,000	S
Other physical sciences	S	S	S	S	S	S	S	S	S
Psychology	32,000	11,300	19,300	4,800	12,300	19,700	S	14,000	S
Social and related sciences	25,500	11,900	14,900	4,700	9,600	11,300	1,400	16,700	S
Economics	3,900	2,100	1,900	900	1,700	1,100	S	2,600	S
Political and related sciences	7,500	2,600	4,400	S	2,800	4,000	S	4,900	S
Sociology/anthropology	5,500	3,000	3,100	1,100	1,900	3,100	S	3,700	S
Other social sciences	8,700	4,200	5,500	1,600	3,300	3,100	S	5,500	S
Engineering	47,000	22,700	19,200	15,800	14,200	8,600	2,900	25,400	S
Aerospace/aeronautical/astronautical engineering	1,100	600	400	S	S	S	S	800	S
Chemical engineering	1,900	1,000	400	S	S	300	S	1,600	S
Civil/architectural engineering	6,000	3,000	2,200	1,500	2,000	1,300	S	3,600	S
Electrical/computer engineering	16,100	7,600	6,900	6,000	5,700	2,300	S	8,600	S
Industrial engineering	3,700	2,000	1,300	1,400	S	S	S	1,600	S
Materials/metallurgical engineering	1,900	S	S	S	S	S	S	S	S
Mechanical engineering	6,000	3,500	2,600	1,600	1,700	1,200	S	3,300	S
Other engineering	10,300	4,100	4,900	4,300	2,400	2,100	S	4,700	S
Health	82,700	14,300	48,200	20,000	29,600	48,800	S	35,200	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Numbers for sources of support sum to more than the total because of multiple responses.

Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002;

estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 21. Amount borrowed for undergraduate education by 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Did not borrow	\$1—\$9,999	\$10,000—\$24,999	\$25,000 or more
All fields	937,700	324,300	151,200	296,300	165,900
Sciences	682,200	235,500	119,000	216,300	111,300
Biological, agricultural, and environmental life sciences	150,700	54,400	25,700	48,200	22,400
Agricultural/food sciences	13,500	5,200	2,000	4,200	2,100
Biological sciences	125,000	45,700	22,000	38,800	18,500
Environmental life sciences	12,200	3,500	1,700	5,200	1,900
Computer and information sciences	84,800	31,000	14,200	23,700	15,800
Mathematics and statistics	25,600	9,000	4,600	7,700	4,300
Physical and related sciences	35,700	13,000	7,000	9,600	6,100
Chemistry, except biochemistry	19,800	7,600	4,400	4,800	2,900
Earth/atmospheric/ocean sciences	6,600	1,900	1,000	2,300	1,500
Physics/astronomy	7,000	3,100	1,200	1,800	900
Other physical sciences	2,300	S	S	S	S
Psychology	153,000	54,600	26,200	47,400	24,800
Social and related sciences	232,300	73,500	41,300	79,700	37,700
Economics	42,100	17,300	5,800	12,900	6,100
Political and related sciences	69,100	21,700	11,100	24,500	11,900
Sociology/anthropology	74,000	18,400	14,000	28,300	13,300
Other social sciences	47,100	16,200	10,400	13,900	6,500
Engineering	112,300	44,400	17,100	31,600	19,200
Aerospace/aeronautical/astronautical engineering	3,100	1,100	400	1,000	700
Chemical engineering	10,600	4,700	1,700	2,800	1,400
Civil/architectural engineering	16,300	5,400	2,300	5,400	3,200
Electrical/computer engineering	35,800	14,100	5,900	8,900	6,900
Industrial engineering	6,600	2,900	1,200	1,600	900
Materials/metallurgical engineering	2,300	S	S	S	S
Mechanical engineering	24,800	9,800	3,300	8,100	3,600
Other engineering	12,900	5,300	1,900	3,500	2,200
Health	143,300	44,400	15,100	48,400	35,400

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Undergraduate loan amount represents entire amount borrowed during undergraduate education. Detail may not add to total because of rounding.

Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002;

estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 22. Amount borrowed for undergraduate and graduate education by 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Did not borrow	\$1—\$9,999	\$10,000—\$24,999	\$25,000 or more
All fields	246,700	130,300	29,600	37,800	48,900
Sciences	117,000	65,500	15,300	18,500	17,700
Biological, agricultural, and environmental life sciences	16,800	9,600	3,100	1,900	2,200
Agricultural/food sciences	2,900	1,800	S	S	S
Biological sciences	12,100	6,900	2,100	1,300	1,800
Environmental life sciences	1,800	1,000	S	S	S
Computer and information sciences	27,200	19,600	2,500	3,300	S
Mathematics and statistics	5,900	4,700	S	S	S
Physical and related sciences	9,600	7,300	700	900	S
Chemistry, except biochemistry	3,800	2,900	S	S	S
Earth/atmospheric/ocean sciences	2,600	1,700	S	S	S
Physics/astronomy	2,700	2,200	S	S	S
Other physical sciences	S	S	S	S	S
Psychology	32,000	10,400	5,600	7,700	8,200
Social and related sciences	25,500	14,000	3,100	4,200	4,300
Economics	3,900	2,500	S	S	S
Political and related sciences	7,500	3,700	S	S	2,100
Sociology/anthropology	5,500	2,300	1,000	1,000	1,200
Other social sciences	8,700	5,500	S	1,800	S
Engineering	47,000	34,000	5,500	5,400	2,100
Aerospace/aeronautical/astronautical engineering	1,100	900	S	S	S
Chemical engineering	1,900	1,500	S	S	S
Civil/architectural engineering	6,000	4,100	1,100	S	S
Electrical/computer engineering	16,100	12,000	1,900	S	S
Industrial engineering	3,700	3,000	S	S	S
Materials/metallurgical engineering	1,900	S	S	S	S
Mechanical engineering	6,000	4,100	S	S	S
Other engineering	10,300	7,300	S	1,500	S
Health	82,700	30,800	8,800	14,000	29,100

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Undergraduate loan amount represents entire amount borrowed during undergraduate education. Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 23. Amount owed for undergraduate loans by 2001 and 2002 S&amp;E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Did not owe	\$1—\$9,999	\$10,000—\$24,999	\$25,000 or more
All fields	937,700	400,400	165,300	255,800	116,300
Sciences	682,200	291,700	122,500	186,900	81,100
Biological, agricultural, and environmental life sciences	150,700	64,000	26,200	40,500	20,100
Agricultural/food sciences	13,500	6,200	2,600	3,500	S
Biological sciences	125,000	53,200	21,900	32,400	17,500
Environmental life sciences	12,200	4,600	1,800	4,700	S
Computer and information sciences	84,800	39,700	14,600	21,700	8,800
Mathematics and statistics	25,600	11,400	4,600	6,500	3,100
Physical and related sciences	35,700	16,100	6,900	8,900	4,000
Chemistry, except biochemistry	19,800	9,600	3,900	4,300	2,100
Earth/atmospheric/ocean sciences	6,600	2,300	1,100	2,200	1,000
Physics/astronomy	7,000	3,400	1,300	1,600	600
Other physical sciences	2,300	S	S	S	S
Psychology	153,000	67,800	25,700	41,100	18,400
Social and related sciences	232,300	92,800	44,500	68,200	26,800
Economics	42,100	20,900	8,100	9,200	3,900
Political and related sciences	69,100	25,400	12,700	21,600	9,300
Sociology/anthropology	74,000	26,200	13,000	24,900	9,900
Other social sciences	47,100	20,300	10,600	12,500	3,700
Engineering	112,300	56,200	18,200	27,300	10,600
Aerospace/aeronautical/astronautical engineering	3,100	1,300	500	800	500
Chemical engineering	10,600	5,800	1,500	2,600	700
Civil/architectural engineering	16,300	7,300	2,800	4,400	1,800
Electrical/computer engineering	35,800	18,700	5,900	7,500	3,600
Industrial engineering	6,600	3,400	1,200	1,400	500
Materials/metallurgical engineering	2,300	1,200	S	S	S
Mechanical engineering	24,800	12,100	3,800	6,700	2,200
Other engineering	12,900	6,400	2,100	3,300	1,100
Health	143,300	52,400	24,700	41,600	24,600

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: The amount owed represents amount of outstanding debt respondent reported on reference date of the survey. Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 24. Amount owed for undergraduate and graduate loans by 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Did not owe	\$1—\$9,999	\$10,000—\$24,999	\$25,000 or more
All fields	246,700	149,500	28,400	29,800	39,100
Sciences	117,000	74,300	13,300	14,900	14,400
Biological, agricultural, and environmental life sciences	16,800	11,100	2,200	1,700	1,900
Agricultural/food sciences	2,900	2,100	S	S	S
Biological sciences	12,100	7,800	1,600	1,200	1,500
Environmental life sciences	1,800	1,200	S	S	S
Computer and information sciences	27,200	23,400	S	S	S
Mathematics and statistics	5,900	5,100	S	S	S
Physical and related sciences	9,600	7,600	600	900	S
Chemistry, except biochemistry	3,800	3,000	S	S	S
Earth/atmospheric/ocean sciences	2,600	1,800	S	S	S
Physics/astronomy	2,700	2,300	S	S	S
Other physical sciences	S	S	S	S	S
Psychology	32,000	11,500	5,700	7,600	7,300
Social and related sciences	25,500	15,700	2,800	3,600	3,400
Economics	3,900	2,700	S	S	S
Political and related sciences	7,500	4,200	S	S	1,500
Sociology/anthropology	5,500	2,600	1,000	900	1,000
Other social sciences	8,700	6,100	S	1,500	S
Engineering	47,000	38,100	5,100	2,900	900
Aerospace/aeronautical/astronautical engineering	1,100	900	S	S	S
Chemical engineering	1,900	1,600	S	S	S
Civil/architectural engineering	6,000	4,600	1,000	S	S
Electrical/computer engineering	16,100	13,800	1,500	S	S
Industrial engineering	3,700	3,100	S	S	S
Materials/metallurgical engineering	1,900	S	S	S	S
Mechanical engineering	6,000	4,700	S	S	S
Other engineering	10,300	7,900	S	S	S
Health	82,700	37,100	10,000	12,000	23,700

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: The amount owed represents amount of outstanding debt respondent reported on reference date of the survey. Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 25. Enrollment in college courses since most recent degree and enrollment status among 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Taken additional college courses since most recent degree <sup>a</sup>	Enrollment status October 1, 2003		
			Full-time student	Part-time student	Not student
All fields	937,700	418,200	222,000	67,800	648,000
Sciences	682,200	337,600	185,100	50,900	446,100
Biological, agricultural, and environmental life sciences	150,700	92,600	61,400	7,700	81,700
Agricultural/food sciences	13,500	5,100	3,300	S	10,000
Biological sciences	125,000	83,200	56,400	6,800	61,700
Environmental life sciences	12,200	4,200	1,700	S	9,900
Computer and information sciences	84,800	24,500	6,400	7,600	70,800
Mathematics and statistics	25,600	12,600	6,000	2,400	17,100
Physical and related sciences	35,700	22,300	15,500	1,900	18,300
Chemistry, except biochemistry	19,800	13,400	10,000	S	9,000
Earth/atmospheric/ocean sciences	6,600	3,200	1,800	S	4,500
Physics/astronomy	7,000	5,000	3,600	S	3,200
Other physical sciences	2,300	S	S	S	1,700
Psychology	153,000	83,700	44,600	15,800	92,600
Social and related sciences	232,300	101,900	51,000	15,600	165,700
Economics	42,100	14,200	6,300	S	34,300
Political and related sciences	69,100	32,900	20,900	4,100	44,100
Sociology/anthropology	74,000	33,100	13,700	7,000	53,300
Other social sciences	47,100	21,800	10,100	3,000	34,000
Engineering	112,300	42,200	19,100	9,400	83,700
Aerospace/aeronautical/astronautical engineering	3,100	1,400	600	400	2,100
Chemical engineering	10,600	4,700	2,700	S	7,400
Civil/architectural engineering	16,300	4,400	1,100	1,300	14,000
Electrical/computer engineering	35,800	14,100	5,500	3,700	26,500
Industrial engineering	6,600	1,800	700	500	5,300
Materials/metallurgical engineering	2,300	1,300	S	S	1,200
Mechanical engineering	24,800	9,300	4,600	2,100	18,000
Other engineering	12,900	5,200	3,000	S	9,100
Health	143,300	38,500	17,700	S	118,100

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
S&E = science and engineering.

<sup>a</sup> Most recent degree as of survey reference period, October 2003.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 26. Enrollment in college courses since most recent degree and enrollment status among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Taken additional college courses since most recent degree <sup>a</sup>	Enrollment status October 1, 2003		
			Full-time student	Part-time student	Not student
All fields	246,700	82,000	40,900	9,000	196,800
Sciences	117,000	49,400	27,900	6,200	82,900
Biological, agricultural, and environmental life sciences	16,800	7,800	4,500	1,000	11,300
Agricultural/food sciences	2,900	1,100	S	S	2,200
Biological sciences	12,100	6,100	3,600	S	7,700
Environmental life sciences	1,800	S	S	S	1,400
Computer and information sciences	27,200	9,500	4,800	S	21,200
Mathematics and statistics	5,900	2,800	1,800	S	3,700
Physical and related sciences	9,600	4,700	3,100	S	6,000
Chemistry, except biochemistry	3,800	1,700	1,000	S	2,700
Earth/atmospheric/ocean sciences	2,600	600	S	S	2,200
Physics/astronomy	2,700	2,200	1,600	S	900
Other physical sciences	S	S	S	S	S
Psychology	32,000	13,300	6,800	2,100	23,000
Social and related sciences	25,500	11,300	6,800	S	17,700
Economics	3,900	1,900	1,300	S	2,500
Political and related sciences	7,500	1,800	S	S	6,400
Sociology/anthropology	5,500	3,600	2,300	S	3,000
Other social sciences	8,700	4,000	2,200	S	5,800
Engineering	47,000	19,200	10,800	1,600	34,700
Aerospace/aeronautical/astronautical engineering	1,100	400	S	S	900
Chemical engineering	1,900	900	700	S	1,100
Civil/architectural engineering	6,000	1,900	900	S	4,900
Electrical/computer engineering	16,100	7,900	4,400	S	11,300
Industrial engineering	3,700	1,200	S	S	3,000
Materials/metallurgical engineering	1,900	S	S	S	S
Mechanical engineering	6,000	2,000	1,200	S	4,500
Other engineering	10,300	4,200	2,300	S	7,600
Health	82,700	13,400	S	S	79,200

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
S&E = science and engineering.

<sup>a</sup> Most recent degree as of survey reference period, October 2003.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 27. Likelihood of taking additional college courses among 2001 and 2002 S&E bachelor's degree recipients who have not taken college courses since their most recent degree, by major field of degree: October 2003

Major field	Total number not taking college courses since most recent degree <sup>a</sup>	Likelihood will take additional college courses		
		Very likely	Somewhat likely	Very unlikely
All fields	519,500	303,400	163,700	52,400
Sciences	344,600	209,600	98,700	36,300
Biological, agricultural, and environmental life sciences	58,200	36,600	15,000	6,600
Agricultural/food sciences	8,400	2,800	3,600	1,900
Biological sciences	41,800	29,200	9,600	S
Environmental life sciences	8,000	4,600	1,800	S
Computer and information sciences	60,300	30,700	20,600	9,000
Mathematics and statistics	13,000	7,300	4,500	1,300
Physical and related sciences	13,500	7,300	4,800	1,400
Chemistry, except biochemistry	6,500	3,400	2,300	S
Earth/atmospheric/ocean sciences	3,400	1,800	1,300	S
Physics/astronomy	2,000	1,400	500	S
Other physical sciences	1,600	S	S	S
Psychology	69,300	46,700	19,000	S
Social and related sciences	130,300	81,000	34,900	14,400
Economics	27,900	15,900	8,800	3,200
Political and related sciences	36,200	23,400	8,800	4,000
Sociology/anthropology	40,900	26,200	10,000	4,700
Other social sciences	25,400	15,500	7,300	2,600
Engineering	70,100	37,700	24,700	7,700
Aerospace/aeronautical/astronautical engineering	1,800	1,300	400	S
Chemical engineering	6,000	3,100	2,300	S
Civil/architectural engineering	11,800	4,100	5,500	2,300
Electrical/computer engineering	21,600	13,400	6,100	2,100
Industrial engineering	4,800	2,900	1,500	S
Materials/metallurgical engineering	S	S	S	S
Mechanical engineering	15,500	8,800	5,700	S
Other engineering	7,600	3,700	3,000	S
Health	104,800	56,100	40,200	8,400

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Most recent degree as of survey reference period, October 2003.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 28. Likelihood of taking additional college courses among 2001 and 2002 S&E master's degree recipients who have not taken college courses since their most recent degree, by major field of degree: October 2003

Major field	Total number not taking college courses since most recent degree <sup>a</sup>	Likelihood will take additional college courses		
		Very likely	Somewhat likely	Very unlikely
All fields	164,600	61,100	68,100	35,500
Sciences	67,600	26,200	26,900	14,500
Biological, agricultural, and environmental life sciences	9,000	3,300	4,100	1,500
Agricultural/food sciences	1,800	S	S	S
Biological sciences	5,900	2,200	2,700	S
Environmental life sciences	1,200	S	S	S
Computer and information sciences	17,700	6,200	7,000	4,500
Mathematics and statistics	3,100	700	1,200	1,100
Physical and related sciences	4,900	1,800	2,000	1,100
Chemistry, except biochemistry	2,100	S	S	S
Earth/atmospheric/ocean sciences	2,000	S	900	S
Physics/astronomy	500	S	S	S
Other physical sciences	S	S	S	S
Psychology	18,700	8,600	7,200	2,900
Social and related sciences	14,300	5,500	5,300	3,400
Economics	2,000	S	S	S
Political and related sciences	5,700	2,000	2,200	1,500
Sociology/anthropology	2,000	900	S	S
Other social sciences	4,600	2,100	1,500	S
Engineering	27,800	10,200	11,200	6,400
Aerospace/aeronautical/astronautical engineering	700	400	S	S
Chemical engineering	1,000	S	500	S
Civil/architectural engineering	4,100	1,300	2,000	900
Electrical/computer engineering	8,200	3,400	3,000	1,900
Industrial engineering	2,600	1,400	700	S
Materials/metallurgical engineering	S	S	S	S
Mechanical engineering	4,000	1,600	1,700	S
Other engineering	6,100	1,500	2,800	1,800
Health	69,300	24,700	30,000	14,500

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Most recent degree as of survey reference period, October 2003.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 29. Type of degree or certificate sought by 2001 and 2002 S&E bachelor's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003

Major field	All recipients	Took college courses between completing most recent degree and week of October 1, 2003				
		Total number who took courses	Type of degree or certificate sought			
			Ph.D. or prof. degree	Master's degree	Other degree or certificate	No degree or certificate
All fields	937,700	418,200	49,600	200,500	102,700	65,500
Sciences	682,200	337,600	42,100	147,500	93,300	54,700
Biological, agricultural, and environmental life sciences	150,700	92,600	17,700	23,200	38,800	12,900
Agricultural/food sciences	13,500	5,100	S	1,500	1,600	S
Biological sciences	125,000	83,200	16,600	19,600	36,000	11,000
Environmental life sciences	12,200	4,200	S	2,100	S	S
Computer and information sciences	84,800	24,500	S	14,800	2,600	6,200
Mathematics and statistics	25,600	12,600	1,800	6,500	2,200	2,100
Physical and related sciences	35,700	22,300	7,400	6,400	5,800	2,700
Chemistry, except biochemistry	19,800	13,400	4,900	2,600	4,600	1,300
Earth/atmospheric/ocean sciences	6,600	3,200	S	1,900	S	600
Physics/astronomy	7,000	5,000	2,300	1,700	S	500
Other physical sciences	2,300	S	S	S	S	S
Psychology	153,000	83,700	8,000	52,700	14,000	9,000
Social and related sciences	232,300	101,900	6,100	44,000	30,000	21,800
Economics	42,100	14,200	S	4,600	3,800	4,700
Political and related sciences	69,100	32,900	S	11,600	15,300	4,200
Sociology/anthropology	74,000	33,100	S	16,900	7,200	6,900
Other social sciences	47,100	21,800	S	11,000	3,700	6,000
Engineering	112,300	42,200	5,600	25,500	3,500	7,600
Aerospace/aeronautical/astronautical engineering	3,100	1,400	S	1,000	S	S
Chemical engineering	10,600	4,700	1,100	1,900	800	900
Civil/architectural engineering	16,300	4,400	S	3,100	S	S
Electrical/computer engineering	35,800	14,100	S	9,100	S	3,000
Industrial engineering	6,600	1,800	S	1,100	S	S
Materials/metallurgical engineering	2,300	1,300	S	S	S	S
Mechanical engineering	24,800	9,300	1,200	6,200	S	1,200
Other engineering	12,900	5,200	S	2,300	S	S
Health	143,300	38,500	S	27,400	5,900	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Most recent degree as of survey reference period, October 2003.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 30. Type of degree or certificate sought by 2001 and 2002 S&E master's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003

Major field	All recipients	Took college courses between completing most recent degree and week of October 1, 2003				
		Total number who took courses	Type of degree or certificate sought			
			Ph.D. or prof. degree	Master's degree	Other degree or certificate	No degree or certificate
All fields	246,700	82,000	40,200	14,300	8,600	19,000
Sciences	117,000	49,400	26,300	7,400	6,000	9,700
Biological, agricultural, and environmental life sciences	16,800	7,800	3,600	S	1,800	1,500
Agricultural/food sciences	2,900	1,100	S	S	S	S
Biological sciences	12,100	6,100	2,600	S	1,600	1,300
Environmental life sciences	1,800	S	S	S	S	S
Computer and information sciences	27,200	9,500	3,500	2,800	S	S
Mathematics and statistics	5,900	2,800	1,900	S	S	S
Physical and related sciences	9,600	4,700	3,100	700	S	600
Chemistry, except biochemistry	3,800	1,700	S	S	S	S
Earth/atmospheric/ocean sciences	2,600	600	S	S	S	S
Physics/astronomy	2,700	2,200	1,700	S	S	S
Other physical sciences	S	S	S	S	S	S
Psychology	32,000	13,300	7,300	S	S	3,000
Social and related sciences	25,500	11,300	6,900	1,400	S	2,000
Economics	3,900	1,900	1,300	S	S	S
Political and related sciences	7,500	1,800	S	S	S	S
Sociology/anthropology	5,500	3,600	2,600	S	S	S
Other social sciences	8,700	4,000	2,000	S	S	S
Engineering	47,000	19,200	10,800	3,000	1,000	4,400
Aerospace/aeronautical/astronautical engineering	1,100	400	S	S	S	S
Chemical engineering	1,900	900	700	S	S	S
Civil/architectural engineering	6,000	1,900	900	S	S	S
Electrical/computer engineering	16,100	7,900	4,400	S	S	2,400
Industrial engineering	3,700	1,200	S	S	S	S
Materials/metallurgical engineering	1,900	S	S	S	S	S
Mechanical engineering	6,000	2,000	1,200	S	S	S
Other engineering	10,300	4,200	2,000	S	S	S
Health	82,700	13,400	S	S	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Most recent degree as of survey reference period, October 2003.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 31. Sex and race/ethnicity of 2001 and 2002 S&E bachelor's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003

Major field	All recipients	Total number who took courses since most recent degree	Sex		Race/ethnicity		
			Male	Female	Asian or Pacific Islander	Under-represented minority <sup>a</sup>	White, non-Hispanic
All fields	937,700	418,200	180,600	237,700	62,600	86,200	269,500
Sciences	682,200	337,600	140,600	196,900	48,700	67,400	221,500
Biological, agricultural, and environmental life sciences	150,700	92,600	38,200	54,400	17,900	16,000	58,700
Agricultural/food sciences	13,500	5,100	2,100	3,100	S	S	4,200
Biological sciences	125,000	83,200	34,400	48,800	17,200	15,100	50,900
Environmental life sciences	12,200	4,200	S	2,500	S	S	3,600
Computer and information sciences	84,800	24,500	16,800	7,700	9,800	4,400	10,400
Mathematics and statistics	25,600	12,600	7,100	5,400	2,300	1,700	8,500
Physical and related sciences	35,700	22,300	11,900	10,400	3,300	3,300	15,600
Chemistry, except biochemistry	19,800	13,400	6,200	7,200	2,500	2,100	8,700
Earth/atmospheric/ocean sciences	6,600	3,200	1,800	1,400	S	S	2,900
Physics/astronomy	7,000	5,000	3,700	1,300	S	700	3,700
Other physical sciences	2,300	S	S	S	S	S	S
Psychology	153,000	83,700	22,500	61,200	S	19,700	61,500
Social and related sciences	232,300	101,900	44,100	57,800	12,900	22,300	66,800
Economics	42,100	14,200	9,700	4,500	4,400	2,200	7,600
Political and related sciences	69,100	32,900	15,600	17,300	S	6,700	23,300
Sociology/anthropology	74,000	33,100	9,300	23,800	S	7,600	22,800
Other social sciences	47,100	21,800	9,500	12,300	S	5,700	13,100
Engineering	112,300	42,200	32,000	10,200	10,300	7,000	24,900
Aerospace/aeronautical/astronautical engineering	3,100	1,400	1,100	300	S	200	1,000
Chemical engineering	10,600	4,700	2,800	1,900	S	600	2,800
Civil/architectural engineering	16,300	4,400	3,000	1,400	S	700	2,900
Electrical/computer engineering	35,800	14,100	11,600	2,600	5,000	2,700	6,400
Industrial engineering	6,600	1,800	1,200	600	S	600	1,100
Materials/metallurgical engineering	2,300	1,300	S	S	S	S	S
Mechanical engineering	24,800	9,300	7,900	1,400	S	1,500	6,100
Other engineering	12,900	5,200	3,500	1,800	S	S	3,500
Health	143,300	38,500	8,000	30,500	S	11,800	23,200

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, black and Hispanic.

NOTES: Most recent degree as of survey reference period, October 2003. Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 32. Sex and race/ethnicity of 2001 and 2002 S&E master's degree recipients who have taken college courses since most recent degree, by major field of degree: October 2003

Major field	Total number who took courses				Race/ethnicity		
	All recipients	since most recent degree	Sex		Asian or Pacific Islander	Under- represented minority <sup>a</sup>	White, non- Hispanic
			Male	Female			
All fields	246,700	82,000	42,500	39,600	30,000	10,600	41,400
Sciences	117,000	49,400	23,000	26,400	16,600	7,200	25,500
Biological, agricultural, and environmental life sciences	16,800	7,800	3,300	4,500	S	1,200	4,700
Agricultural/food sciences	2,900	1,100	S	S	S	S	S
Biological sciences	12,100	6,100	2,400	3,700	S	1,000	3,600
Environmental life sciences	1,800	S	S	S	S	S	S
Computer and information sciences	27,200	9,500	5,800	3,700	7,600	S	S
Mathematics and statistics	5,900	2,800	1,700	1,100	S	200	1,200
Physical and related sciences	9,600	4,700	3,400	1,300	1,700	600	2,400
Chemistry, except biochemistry	3,800	1,700	S	S	S	S	S
Earth/atmospheric/ocean sciences	2,600	600	S	S	S	S	S
Physics/astronomy	2,700	2,200	1,700	500	900	S	1,100
Other physical sciences	S	S	S	S	S	S	S
Psychology	32,000	13,300	3,800	9,500	S	2,800	9,000
Social and related sciences	25,500	11,300	5,000	6,300	2,500	2,000	6,800
Economics	3,900	1,900	1,000	900	S	S	700
Political and related sciences	7,500	1,800	S	S	S	S	S
Sociology/anthropology	5,500	3,600	1,400	2,100	S	700	2,500
Other social sciences	8,700	4,000	S	2,600	S	S	2,500
Engineering	47,000	19,200	15,200	4,000	12,000	1,700	5,600
Aerospace/aeronautical/astronautical engineering	1,100	400	S	S	S	S	S
Chemical engineering	1,900	900	700	S	S	S	S
Civil/architectural engineering	6,000	1,900	1,600	S	S	S	900
Electrical/computer engineering	16,100	7,900	6,200	S	6,100	S	1,500
Industrial engineering	3,700	1,200	S	S	S	S	S
Materials/metallurgical engineering	1,900	S	S	S	S	S	S
Mechanical engineering	6,000	2,000	1,700	S	S	S	S
Other engineering	10,300	4,200	3,100	S	2,000	S	1,500
Health	82,700	13,400	S	9,200	S	S	10,300

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, black and Hispanic.

NOTES: Most recent degree as of survey reference period, October 2003. Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 33. Educational activity since degree completion among 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Completed additional degree	Did not complete degree but took college courses		Did not take college courses
			In degree program	Not in a degree program	
All fields	937,700	6,100	350,200	61,900	519,500
Sciences	682,200	4,600	281,500	51,400	344,600
Biological, agricultural, and environmental life sciences	150,700	S	78,400	12,800	58,200
Agricultural/food sciences	13,500	S	4,100	S	8,400
Biological sciences	125,000	S	71,000	10,900	41,800
Environmental life sciences	12,200	S	3,300	S	8,000
Computer and information sciences	84,800	S	18,200	6,000	60,300
Mathematics and statistics	25,600	S	10,200	1,900	13,000
Physical and related sciences	35,700	S	19,200	2,600	13,500
Chemistry, except biochemistry	19,800	S	11,900	1,300	6,500
Earth/atmospheric/ocean sciences	6,600	S	2,500	600	3,400
Physics/astronomy	7,000	S	4,300	400	2,000
Other physical sciences	2,300	S	S	S	1,600
Psychology	153,000	S	75,100	7,500	69,300
Social and related sciences	232,300	S	80,400	20,600	130,300
Economics	42,100	S	9,400	4,700	27,900
Political and related sciences	69,100	S	28,700	4,200	36,200
Sociology/anthropology	74,000	S	26,100	6,300	40,900
Other social sciences	47,100	S	16,300	5,500	25,400
Engineering	112,300	1,000	33,900	7,300	70,100
Aerospace/aeronautical/astronautical engineering	3,100	S	1,100	S	1,800
Chemical engineering	10,600	S	3,600	900	6,000
Civil/architectural engineering	16,300	S	3,400	S	11,800
Electrical/computer engineering	35,800	S	11,000	2,900	21,600
Industrial engineering	6,600	S	1,400	S	4,800
Materials/metallurgical engineering	2,300	S	S	S	S
Mechanical engineering	24,800	S	7,900	1,100	15,500
Other engineering	12,900	S	4,400	S	7,600
Health	143,300	S	34,800	S	104,800

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 34. Educational activity between degree completion and the survey reference week among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Completed additional degree	Did not complete degree but took college courses		Did not take college courses
			In degree program	Not in a degree program	
All fields	246,700	2,200	61,900	18,000	164,600
Sciences	117,000	S	39,200	8,800	67,600
Biological, agricultural, and environmental life sciences	16,800	S	6,100	1,400	9,000
Agricultural/food sciences	2,900	S	S	S	1,800
Biological sciences	12,100	S	4,700	1,200	5,900
Environmental life sciences	1,800	S	S	S	1,200
Computer and information sciences	27,200	S	7,000	S	17,700
Mathematics and statistics	5,900	S	2,300	S	3,100
Physical and related sciences	9,600	S	4,100	S	4,900
Chemistry, except biochemistry	3,800	S	1,400	S	2,100
Earth/atmospheric/ocean sciences	2,600	S	S	S	2,000
Physics/astronomy	2,700	S	2,000	S	500
Other physical sciences	S	S	S	S	S
Psychology	32,000	S	10,500	2,500	18,700
Social and related sciences	25,500	S	9,200	1,800	14,300
Economics	3,900	S	1,400	S	2,000
Political and related sciences	7,500	S	1,400	S	5,700
Sociology/anthropology	5,500	S	2,900	S	2,000
Other social sciences	8,700	S	3,500	S	4,600
Engineering	47,000	S	14,500	4,300	27,800
Aerospace/aeronautical/astronautical engineering	1,100	S	300	S	700
Chemical engineering	1,900	S	800	S	1,000
Civil/architectural engineering	6,000	S	1,300	S	4,100
Electrical/computer engineering	16,100	S	5,600	2,200	8,200
Industrial engineering	3,700	S	S	S	2,600
Materials/metallurgical engineering	1,900	S	S	S	S
Mechanical engineering	6,000	S	1,700	S	4,000
Other engineering	10,300	S	3,100	S	6,100
Health	82,700	S	8,100	S	69,300

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 35. Selected employment characteristics of 2001 and 2002 S&amp;E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	Employed				
		Total	Counting all jobs <sup>a</sup>		Principal job only <sup>b</sup>	
			Full time	Part time	Full time	Part time
All fields	937,700	768,900	644,900	124,000	622,900	145,900
Sciences	682,200	543,700	442,800	100,800	427,300	116,400
Biological, agricultural, and environmental life sciences	150,700	103,900	81,200	22,600	79,600	24,200
Agricultural/food sciences	13,500	11,500	10,000	1,500	9,600	2,000
Biological sciences	125,000	82,000	62,000	20,000	61,200	20,900
Environmental life sciences	12,200	10,300	9,200	S	8,900	S
Computer and information sciences	84,800	76,900	70,000	6,900	68,600	8,300
Mathematics and statistics	25,600	22,200	18,400	3,800	17,500	4,700
Physical and related sciences	35,700	28,100	22,400	5,700	22,100	6,000
Chemistry, except biochemistry	19,800	14,800	12,100	2,700	11,900	2,900
Earth/atmospheric/ocean sciences	6,600	5,600	4,700	900	4,700	900
Physics/astronomy	7,000	5,700	3,800	1,900	3,700	2,000
Other physical sciences	2,300	2,000	1,900	S	1,900	S
Psychology	153,000	122,800	96,600	26,200	90,900	31,800
Social and related sciences	232,300	189,800	154,200	35,600	148,400	41,400
Economics	42,100	35,400	32,300	3,100	31,600	3,900
Political and related sciences	69,100	53,300	41,000	12,300	39,600	13,700
Sociology/anthropology	74,000	63,200	49,600	13,600	47,400	15,800
Other social sciences	47,100	38,000	31,300	6,700	29,900	8,100
Engineering	112,300	98,400	89,000	9,400	88,200	10,200
Aerospace/aeronautical/astronautical engineering	3,100	2,900	2,500	500	2,400	500
Chemical engineering	10,600	8,800	8,200	S	8,200	S
Civil/architectural engineering	16,300	15,300	14,500	S	14,500	S
Electrical/computer engineering	35,800	30,800	27,700	3,100	27,300	3,500
Industrial engineering	6,600	6,100	5,500	600	5,500	600
Materials/metallurgical engineering	2,300	1,900	1,400	S	1,400	S
Mechanical engineering	24,800	22,300	19,700	2,600	19,600	2,700
Other engineering	12,900	10,200	9,300	S	9,200	1,000
Health	143,300	126,800	113,000	13,800	107,400	19,400

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Category is based on a typical work week of 35 or more hours counting all jobs held during reference week. Employed graduates who worked 35 or more hours per week, counting all jobs, are classified as full time; all other employed graduates are classified as part time.

<sup>b</sup> Category is based on number of hours usually worked during a typical week on principal job. Employed graduates who worked 35 or more hours per week on principal job are classified as full time and all other employed graduates are classified as part time.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 36. Selected employment characteristics of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	Employed				
		Total	Counting all jobs <sup>a</sup>		Principal job only <sup>b</sup>	
			Full time	Part time	Full time	Part time
All fields	246,700	214,400	185,700	28,700	181,600	32,800
Sciences	117,000	98,500	82,000	16,500	79,900	18,600
Biological, agricultural, and environmental life sciences	16,800	14,200	12,200	2,000	11,900	2,300
Agricultural/food sciences	2,900	2,700	2,500	S	2,400	S
Biological sciences	12,100	10,100	8,500	1,700	8,300	1,900
Environmental life sciences	1,800	1,300	1,200	S	1,200	S
Computer and information sciences	27,200	21,000	18,400	S	18,400	S
Mathematics and statistics	5,900	4,700	3,700	1,000	3,600	1,100
Physical and related sciences	9,600	8,400	7,400	1,000	7,100	1,300
Chemistry, except biochemistry	3,800	3,300	2,900	S	2,900	S
Earth/atmospheric/ocean sciences	2,600	2,500	2,300	S	2,300	S
Physics/astronomy	2,700	2,300	1,800	S	1,700	600
Other physical sciences	S	S	S	S	S	S
Psychology	32,000	29,900	24,400	5,500	23,500	6,400
Social and related sciences	25,500	20,400	16,000	4,400	15,400	5,000
Economics	3,900	3,300	2,200	1,100	2,200	1,100
Political and related sciences	7,500	6,100	5,500	S	5,500	S
Sociology/anthropology	5,500	4,200	2,900	1,200	2,800	1,400
Other social sciences	8,700	6,800	5,300	1,500	4,900	1,900
Engineering	47,000	41,500	36,600	4,900	36,400	5,100
Aerospace/aeronautical/astronautical engineering	1,100	1,100	900	S	900	S
Chemical engineering	1,900	1,600	1,400	S	1,400	S
Civil/architectural engineering	6,000	5,600	5,200	S	5,200	S
Electrical/computer engineering	16,100	14,000	11,700	2,300	11,600	2,400
Industrial engineering	3,700	3,400	3,200	S	3,200	S
Materials/metallurgical engineering	1,900	1,600	S	S	S	S
Mechanical engineering	6,000	5,200	4,700	S	4,700	S
Other engineering	10,300	9,000	8,000	S	8,000	S
Health	82,700	74,400	67,100	S	65,300	9,100

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
S&E = science and engineering.

<sup>a</sup> Category is based on a typical work week of 35 or more hours counting all jobs held during reference week. Employed graduates who worked 35 or more hours per week, counting all jobs, are classified as full time; all other employed graduates are classified as part time.

<sup>b</sup> Category is based on number of hours usually worked during a typical week on principal job. Employed graduates who worked 35 or more hours per week on principal job are classified as full time and all other employed graduates are classified as part time.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 37. Labor force status of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed	
All fields	937,700	813,700	768,900	44,800	124,000
Sciences	682,200	579,500	543,700	35,800	102,700
Biological, agricultural, and environmental life sciences	150,700	109,900	103,900	6,000	40,900
Computer and information sciences	84,800	80,900	76,900	4,000	S
Mathematics and statistics	25,600	23,200	22,200	S	2,400
Physical and related sciences	35,700	29,800	28,100	1,700	6,000
Psychology	153,000	131,900	122,800	9,100	21,100
Social sciences	232,300	203,800	189,800	14,000	28,400
Engineering	112,300	104,600	98,400	6,200	7,700
Health	143,300	129,600	126,800	S	13,700

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> The unemployed are those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 38. Labor force status of 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
All fields	246,700	225,800	214,400	11,400	20,900
Sciences	117,000	104,300	98,500	5,800	12,600
Biological, agricultural, and environmental life sciences	16,800	14,600	14,200	S	2,200
Computer and information sciences	27,200	24,100	21,000	3,200	S
Mathematics and statistics	5,900	4,800	4,700	S	1,000
Physical and related sciences	9,600	8,800	8,400	S	800
Psychology	32,000	30,500	29,900	S	S
Social sciences	25,500	21,500	20,400	1,100	4,100
Engineering	47,000	43,800	41,500	2,300	3,200
Health	82,700	77,700	74,400	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> The unemployed are those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 39. Labor force status of 2001 and 2002 S&E bachelor's degree recipients not studying full time, by major field of degree: October 2003

Major field	Not studying full time	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
All fields	869,900	750,900	708,200	42,700	119,000
Sciences	631,200	531,900	497,900	34,000	99,300
Biological, agricultural, and environmental life sciences	143,100	102,200	96,600	5,600	40,800
Computer and information sciences	77,200	73,900	70,100	3,700	S
Mathematics and statistics	23,200	21,000	20,000	S	2,200
Physical and related sciences	33,800	28,000	26,500	1,600	5,800
Psychology	137,200	117,800	109,300	8,400	19,400
Social sciences	216,700	189,000	175,400	13,600	27,700
Engineering	102,900	95,500	89,500	5,900	7,400
Health	135,800	123,500	120,700	S	12,400

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> The unemployed are those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 40. Labor force status of 2001 and 2002 S&E master's degree recipients not studying full time, by major field of degree: October 2003

Major field	Not studying full time	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
All fields	237,700	217,300	206,000	11,200	20,400
Sciences	110,800	98,500	92,800	5,700	12,200
Biological, agricultural, and environmental life sciences	15,800	13,700	13,200	S	2,200
Computer and information sciences	26,000	22,900	19,800	3,100	S
Mathematics and statistics	5,500	4,500	4,400	S	1,000
Physical and related sciences	9,200	8,400	8,000	S	800
Psychology	29,900	28,700	28,100	S	S
Social sciences	24,400	20,400	19,300	S	4,000
Engineering	45,500	42,300	40,000	2,200	3,200
Health	81,500	76,500	73,200	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> The unemployed are those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 41. Labor force status of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and sex: October 2003

Major field and sex	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
All fields	937,700	813,700	768,900	44,800	124,000
Sciences	682,200	579,500	543,700	35,800	102,700
Male	298,600	257,000	240,200	16,800	41,600
Female	383,600	322,500	303,400	19,100	61,100
Biological, agricultural, and environmental life sciences	150,700	109,900	103,900	6,000	40,900
Male	61,600	42,700	40,500	S	18,900
Female	89,200	67,200	63,400	3,800	21,900
Computer and information sciences	84,800	80,900	76,900	4,000	S
Male	60,100	58,500	55,300	3,300	S
Female	24,700	22,400	21,700	S	S
Mathematics and statistics	25,600	23,200	22,200	S	2,400
Male	13,800	12,400	11,800	S	1,400
Female	11,800	10,800	10,400	S	1,000
Physical and related sciences	35,700	29,800	28,100	1,700	6,000
Male	18,900	16,000	15,100	S	2,900
Female	16,800	13,700	13,100	700	3,100
Psychology	153,000	131,900	122,800	9,100	21,100
Male	38,800	33,300	30,700	S	S
Female	114,200	98,600	92,000	6,600	15,600
Social sciences	232,300	203,800	189,800	14,000	28,400
Male	105,300	94,100	87,000	7,100	11,300
Female	126,900	109,800	102,900	6,900	17,200
Engineering	112,300	104,600	98,400	6,200	7,700
Male	88,300	83,200	78,500	4,700	5,100
Female	24,000	21,400	19,900	1,500	2,600
Health	143,300	129,600	126,800	S	13,700
Male	20,500	18,700	18,400	S	S
Female	122,800	110,900	108,500	S	11,900

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> The unemployed are those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 42. Labor force status of 2001 and 2002 S&amp;E master's degree recipients, by major field of degree and sex: October 2003

Major field and sex	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
All fields	246,700	225,800	214,400	11,400	20,900
Sciences	117,000	104,300	98,500	5,800	12,600
Male	54,200	49,200	46,600	2,500	5,000
Female	62,800	55,200	51,900	3,300	7,600
Biological, agricultural, and environmental life sciences	16,800	14,600	14,200	S	2,200
Male	7,400	6,300	6,200	S	S
Female	9,400	8,300	7,900	S	1,100
Computer and information sciences	27,200	24,100	21,000	3,200	S
Male	17,000	15,900	14,300	S	S
Female	10,200	8,300	6,600	S	S
Mathematics and statistics	5,900	4,800	4,700	S	1,000
Male	3,600	3,000	2,900	S	S
Female	2,300	1,800	1,800	S	S
Physical and related sciences	9,600	8,800	8,400	S	800
Male	6,200	5,700	5,400	S	S
Female	3,400	3,200	3,000	S	S
Psychology	32,000	30,500	29,900	S	S
Male	8,400	8,200	8,200	S	S
Female	23,500	22,300	21,700	S	S
Social sciences	25,500	21,500	20,400	1,100	4,100
Male	11,600	10,200	9,500	S	1,400
Female	14,000	11,300	10,900	S	2,600
Engineering	47,000	43,800	41,500	2,300	3,200
Male	37,800	35,400	33,700	1,700	2,400
Female	9,200	8,400	7,800	S	900
Health	82,700	77,700	74,400	S	S
Male	18,400	18,400	18,400	S	S
Female	64,300	59,300	56,000	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> The unemployed are those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 43. Labor force status of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
All science and engineering fields	937,700	813,700	768,900	44,800	124,000
Sciences	682,200	579,500	543,700	35,800	102,700
Asian	92,400	71,700	67,400	4,300	20,700
Underrepresented minority	111,400	98,100	89,900	8,200	13,400
White, non-Hispanic	457,600	392,000	370,200	21,800	65,600
Other	20,800	17,800	16,200	S	S
Biological, agricultural, and environmental life sciences	150,700	109,900	103,900	6,000	40,900
Asian	23,500	14,100	13,400	S	9,300
Underrepresented minority	19,400	14,900	13,500	S	4,500
White, non-Hispanic	102,400	77,500	74,000	3,600	24,900
Other	5,400	S	S	S	S
Computer and information sciences	84,800	80,900	76,900	4,000	S
Asian	27,500	25,300	24,100	S	S
Underrepresented minority	11,700	11,400	10,100	S	S
White, non-Hispanic	43,000	41,600	40,100	S	S
Other	S	S	S	S	S
Mathematics and related sciences	25,600	23,200	22,200	S	2,400
Asian	4,400	3,600	3,300	S	S
Underrepresented minority	2,400	2,200	2,100	S	S
White, non-Hispanic	17,800	16,500	16,000	S	1,400
Other	S	S	S	S	S
Physical and related sciences	35,700	29,800	28,100	1,700	6,000
Asian	4,200	3,200	2,800	S	S
Underrepresented minority	3,900	3,100	3,000	S	800
White, non-Hispanic	26,500	22,500	21,400	1,100	4,000
Other	1,100	1,000	900	S	S
Psychology	153,000	131,900	122,800	9,100	21,100
Asian	S	S	S	S	S
Underrepresented minority	31,000	27,600	25,800	S	3,400
White, non-Hispanic	110,800	93,800	86,400	S	17,000
Other	S	S	S	S	S
Social and related sciences	232,300	203,800	189,800	14,000	28,400
Asian	25,000	18,300	16,600	S	6,700
Underrepresented minority	43,000	38,900	35,300	3,500	4,100
White, non-Hispanic	157,100	140,000	132,300	7,700	17,100
Other	7,200	6,700	5,600	S	S
Engineering	112,300	104,600	98,400	6,200	7,700
Asian	23,300	21,000	18,800	S	2,300
Underrepresented minority	13,500	12,600	11,900	700	900
White, non-Hispanic	71,400	67,100	64,000	3,100	4,300
Other	4,100	3,800	3,600	S	S

TABLE 43. Labor force status of 2001 and 2002 S&E bachelor's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
Health	143,300	129,600	126,800	S	13,700
Asian	S	S	S	S	S
Underrepresented minority	23,200	21,100	20,200	S	S
White, non-Hispanic	108,800	97,500	95,700	S	11,300
Other	S	S	S	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Underrepresented minority race/ethnicity category includes American Indian or Alaska Native, black, and Hispanic. "Other" race/ethnicity includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 44. Labor force status of 2001 and 2002 S&E master's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
All science and engineering fields	246,700	225,800	214,400	11,400	20,900
Sciences	117,000	104,300	98,500	5,800	12,600
Asian	37,100	31,400	28,000	3,400	5,700
Underrepresented minority	12,900	12,000	11,400	S	900
White, non-Hispanic	64,200	58,500	56,900	1,700	5,700
Other	2,800	2,400	2,300	S	S
Biological, agricultural, and environmental life sciences	16,800	14,600	14,200	S	2,200
Asian	3,600	2,900	2,700	S	S
Underrepresented minority	1,300	1,200	1,100	S	S
White, non-Hispanic	11,300	10,100	9,900	S	1,300
Other	S	S	S	S	S
Computer and information sciences	27,200	24,100	21,000	3,200	S
Asian	20,600	18,200	15,600	S	S
Underrepresented minority	1,500	1,400	1,100	S	S
White, non-Hispanic	4,800	4,400	4,200	S	S
Other	S	S	S	S	S
Mathematics and related sciences	5,900	4,800	4,700	S	1,000
Asian	2,900	2,200	2,100	S	S
Underrepresented minority	400	400	400	S	S
White, non-Hispanic	2,500	2,300	2,200	S	S
Other	S	S	S	S	S
Physical and related sciences	9,600	8,800	8,400	S	800
Asian	2,900	2,500	2,300	S	S
Underrepresented minority	900	800	800	S	S
White, non-Hispanic	5,400	5,100	5,000	S	S
Other	S	S	S	S	S
Psychology	32,000	30,500	29,900	S	S
Asian	S	S	S	S	S
Underrepresented minority	5,100	5,000	4,800	S	S
White, non-Hispanic	23,700	22,300	21,900	S	S
Other	S	S	S	S	S
Social and related sciences	25,500	21,500	20,400	1,100	4,100
Asian	4,300	2,900	2,500	S	S
Underrepresented minority	3,700	3,300	3,200	S	S
White, non-Hispanic	16,500	14,400	13,800	S	2,100
Other	S	S	S	S	S
Engineering	47,000	43,800	41,500	2,300	3,200
Asian	23,900	21,900	20,400	S	2,000
Underrepresented minority	2,900	2,800	2,700	S	S
White, non-Hispanic	18,900	17,900	17,600	S	1,000
Other	1,300	1,200	S	S	S

TABLE 44. Labor force status of 2001 and 2002 S&E master's degree recipients, by major field of degree and race/ethnicity: October 2003

Major field and race/ethnicity	All recipients	In labor force			Not in labor force
		Total	Employed	Unemployed <sup>a</sup>	
Health	82,700	77,700	74,400	S	S
Asian	S	S	S	S	S
Underrepresented minority	8,200	7,700	7,700	S	S
White, non-Hispanic	68,100	63,500	60,900	S	S
Other	S	S	S	S	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Those who were not working on October 1 and who were seeking work or who were on layoff from a job.

NOTES: Detail may not add to total because of rounding. Underrepresented minority race/ethnicity category includes American Indian or Alaska Native, black, and Hispanic. "Other" race/ethnicity includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race. Estimates are from a sample survey of college graduates who received bachelor's or master's degrees in science or engineering fields in 2001 or 2002; estimates may differ from degree counts presented in other Science Resources Statistics publications.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 45. Relation of occupation to field of degree among 2001 and 2002 S&amp;E bachelor's degree recipients, by major field of degree: October 2003

Major field	All employed	S&E occupation <sup>a</sup>		Non-S&E occupation
		Occupation in same broad field as degree <sup>a</sup>	Occupation in different broad S&E or S&E-related field than degree <sup>b</sup>	
All fields	768,900	273,200	74,800	420,900
Sciences	543,700	98,100	62,100	383,500
Biological, agricultural, and environmental life sciences	103,900	26,100	26,100	51,600
Agricultural/food sciences	11,500	1,900	2,200	7,400
Biological sciences	82,000	22,300	20,500	39,200
Environmental life sciences	10,300	1,900	3,400	5,000
Computer and information sciences	76,900	38,900	S	35,100
Mathematics and statistics	22,200	3,100	3,400	15,600
Physical and related sciences	28,100	11,800	6,500	9,800
Chemistry, except biochemistry	14,800	7,100	3,900	3,800
Earth/atmospheric/ocean sciences	5,600	2,100	1,000	2,500
Physics/astronomy	5,700	2,300	1,400	2,000
Other physical sciences	2,000	S	S	1,500
Psychology	122,800	S	12,600	105,900
Social and related sciences	189,800	14,000	10,500	165,400
Economics	35,400	2,900	2,200	30,300
Political and related sciences	53,300	5,400	S	46,600
Sociology/anthropology	63,200	3,600	3,900	55,700
Other social sciences	38,000	S	3,200	32,800
Engineering	98,400	67,200	11,600	19,600
Aerospace/aeronautical/astronautical engineering	2,900	2,100	S	700
Chemical engineering	8,800	6,800	S	1,500
Civil/architectural engineering	15,300	13,100	S	2,100
Electrical/computer engineering	30,800	17,000	7,600	6,200
Industrial engineering	6,100	3,500	S	2,200
Materials/metallurgical engineering	1,900	1,500	S	S
Mechanical engineering	22,300	16,900	S	4,600
Other engineering	10,200	6,300	1,700	2,200
Health	126,800	107,900	S	17,800

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dietitians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>b</sup> Comparisons between occupation and degree field were done at broad field level only. For example, among people with chemistry bachelor's degrees working in physical science occupations, these occupations may be in chemistry or in another physical science field. Comparisons are between field of 2001 or 2002 S&E bachelor's degree and principal job in October 2003.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 46. Relation of occupation to field of degree among 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All employed	S&E occupation <sup>a</sup>		Non-S&E occupation
		Occupation in same broad field as degree <sup>a</sup>	Occupation in different broad S&E or S&E-related field than degree <sup>b</sup>	
All fields	214,400	131,700	24,800	57,900
Sciences	98,500	45,200	12,000	41,300
Biological, agricultural, and environmental life sciences	14,200	7,900	3,200	3,100
Agricultural/food sciences	2,700	1,700	S	S
Biological sciences	10,100	5,800	2,100	2,200
Environmental life sciences	1,300	S	S	S
Computer and information sciences	21,000	12,100	2,900	6,000
Mathematics and statistics	4,700	2,500	S	1,100
Physical and related sciences	8,400	5,300	1,600	1,500
Chemistry, except biochemistry	3,300	2,100	S	S
Earth/atmospheric/ocean sciences	2,500	1,500	S	S
Physics/astronomy	2,300	1,600	S	S
Other physical sciences	S	S	S	S
Psychology	29,900	12,400	S	16,300
Social and related sciences	20,400	5,000	2,100	13,300
Economics	3,300	1,400	S	1,500
Political and related sciences	6,100	S	S	4,500
Sociology/anthropology	4,200	1,400	S	2,400
Other social sciences	6,800	S	S	4,900
Engineering	41,500	28,200	8,800	4,500
Aerospace/aeronautical/astronautical engineering	1,100	900	S	S
Chemical engineering	1,600	1,200	S	S
Civil/architectural engineering	5,600	5,100	S	S
Electrical/computer engineering	14,000	7,800	4,800	S
Industrial engineering	3,400	2,100	S	S
Materials/metallurgical engineering	1,600	S	S	S
Mechanical engineering	5,200	4,300	S	S
Other engineering	9,000	5,500	2,200	1,300
Health	74,400	58,400	S	12,100

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> S&E occupations include postsecondary educators. S&E-related occupations include diagnosing/treating practitioners, registered nurses, pharmacists, dieticians, therapists, physician assistants, health technologists and technicians, health and related sciences postsecondary educators and other health occupations. For details, see technical notes.

<sup>b</sup> Comparisons between occupation and degree field were done at broad field level only. For example, among people with chemistry bachelor's degrees working in physical science occupations, these occupations may be in chemistry or in another physical science field. Comparisons are between field of 2001 or 2002 S&E master's degree and principal job in October 2003.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 47. Satisfaction with selected job factors among employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	Very satisfied or somewhat satisfied with job factor									
	All employed	Benefits	Contribution to society	Degree of independence	Intellectual challenge	Job security	Level of responsibility	Location	Opportunities for advancement	Salary
All fields	768,900	571,000	624,600	685,900	548,800	657,300	650,600	662,800	489,800	549,200
Sciences	543,700	388,500	419,700	476,900	363,700	451,600	448,200	463,300	329,100	363,700
Biological, agricultural, and environmental life sciences	103,900	72,600	87,900	93,700	74,800	87,700	90,500	86,900	64,100	69,400
Agricultural/food sciences	11,500	7,500	9,900	10,000	8,500	10,000	9,500	9,600	7,100	7,900
Biological sciences	82,000	57,800	69,700	75,300	59,100	69,400	72,600	68,200	51,000	55,300
Environmental life sciences	10,300	7,300	8,400	8,400	7,200	8,300	8,400	9,200	6,000	6,300
Computer and information sciences	76,900	60,100	56,200	67,900	55,900	63,500	64,000	64,800	50,600	58,000
Mathematics and statistics	22,200	17,400	16,900	19,500	15,500	18,700	18,600	19,500	16,000	16,400
Physical and related sciences	28,100	20,300	23,000	25,000	20,900	23,900	23,900	24,500	19,000	20,600
Chemistry, except biochemistry	14,800	10,700	12,400	13,300	11,400	13,000	12,800	13,100	10,100	11,100
Earth/atmospheric/ocean sciences	5,600	3,900	4,600	5,200	3,900	4,500	4,900	4,800	3,800	3,700
Physics/astronomy	5,700	4,100	4,600	5,000	4,400	5,100	4,900	5,000	4,300	4,400
Other physical sciences	2,000	1,600	1,400	1,600	1,100	1,400	1,400	1,600	900	1,300
Psychology	122,800	83,700	94,300	106,000	73,200	101,000	99,700	102,500	68,600	76,400
Social and related sciences	189,800	134,500	141,400	164,700	123,400	156,800	151,500	165,000	110,800	122,900
Economics	35,400	26,600	23,200	30,700	23,000	29,800	27,000	29,900	22,000	23,800
Political and related sciences	53,300	38,100	40,400	46,200	34,500	45,200	44,100	48,100	30,600	35,700
Sociology/anthropology	63,200	42,300	48,000	55,200	39,900	50,000	48,800	53,500	34,300	38,200
Other social sciences	38,000	27,500	29,700	32,600	26,000	31,900	31,700	33,500	23,900	25,300
Engineering	98,400	83,100	81,900	90,000	77,700	86,200	87,100	83,000	74,000	81,700
Aerospace/aeronautical/astronautical engineering	2,900	2,600	2,400	2,800	2,300	2,600	2,500	2,300	2,300	2,500
Chemical engineering	8,800	7,700	7,200	7,900	6,400	7,700	7,300	7,300	6,400	7,300
Civil/architectural engineering	15,300	13,400	13,900	14,300	12,600	14,000	14,000	13,300	13,000	13,500
Electrical/computer engineering	30,800	25,000	25,200	27,800	24,100	26,000	27,800	26,600	22,600	25,400
Industrial engineering	6,100	5,100	4,500	5,600	4,600	5,400	5,000	5,400	4,600	4,800
Materials/metallurgical engineering	1,900	1,400	1,600	1,500	1,500	1,600	1,700	1,700	S	1,400
Mechanical engineering	22,300	19,100	18,800	21,100	17,500	19,600	19,700	18,500	16,500	18,500
Other engineering	10,200	8,900	8,300	9,100	8,600	9,400	8,800	8,000	7,600	8,300
Health	126,800	99,400	123,000	119,000	107,500	119,600	115,300	116,500	86,800	103,800

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Column detail may not add to total because of rounding. Respondents were asked to rate their satisfaction with each job factor for their principal job held during week of October 1, 2003 using categories of very satisfied, somewhat satisfied, somewhat dissatisfied, or very dissatisfied. Respondents may have reported "very satisfied" or "somewhat satisfied" for more than one job factor.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 48. Satisfaction with selected job factors among employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	Very satisfied or somewhat satisfied with job factor									
	All employed	Benefits	Contribution to society	Degree of independence	Intellectual challenge	Job security	Level of responsibility	Location	Opportunities for advancement	Salary
All fields	214,400	174,400	194,200	199,200	180,000	183,600	192,200	190,800	146,200	163,000
Sciences	98,500	75,000	87,600	91,400	82,000	82,300	88,000	86,500	64,800	72,600
Biological, agricultural, and environmental life sciences	14,200	11,100	12,400	13,200	11,300	11,600	12,600	12,300	9,200	10,400
Agricultural/food sciences	2,700	2,600	2,600	2,600	2,500	2,200	2,600	2,400	1,800	2,000
Biological sciences	10,100	7,400	8,600	9,300	7,600	8,100	8,700	8,700	6,200	7,200
Environmental life sciences	1,300	1,100	1,100	1,300	1,200	1,300	1,200	1,200	1,300	1,200
Computer and information sciences	21,000	16,000	18,400	19,000	17,700	17,000	18,300	18,400	14,300	16,700
Mathematics and statistics	4,700	3,700	4,000	4,200	3,900	3,700	4,100	3,700	3,000	3,600
Physical and related sciences	8,400	6,500	7,400	7,900	7,500	6,800	7,500	7,300	5,700	6,200
Chemistry, except biochemistry	3,300	2,200	2,800	3,000	2,800	2,400	2,600	2,700	1,800	2,200
Earth/atmospheric/ocean sciences	2,500	2,100	2,200	2,300	2,200	2,200	2,200	2,200	1,800	2,000
Physics/astronomy	2,300	1,700	2,000	2,100	2,100	1,900	2,200	2,100	1,800	1,700
Other physical sciences	S	S	S	S	S	S	S	S	S	S
Psychology	29,900	22,200	28,000	28,500	26,000	26,300	28,200	27,100	19,600	21,300
Social and related sciences	20,400	15,500	17,300	18,700	15,500	16,900	17,400	17,600	12,900	14,400
Economics	3,300	2,700	2,600	3,000	2,700	3,000	2,800	2,800	2,300	2,400
Political and related sciences	6,100	5,000	5,100	5,700	4,500	5,500	5,400	5,300	4,100	4,800
Sociology/anthropology	4,200	3,200	3,700	3,800	3,200	3,500	3,400	3,600	2,700	2,700
Other social sciences	6,800	4,600	5,900	6,200	5,100	4,900	5,800	5,900	3,900	4,600
Engineering	41,500	35,000	35,200	39,000	35,900	34,100	36,300	36,100	31,100	34,400
Aerospace/aeronautical/astronautical engineering	1,100	900	1,000	1,000	900	900	900	900	800	800
Chemical engineering	1,600	1,400	1,400	1,500	1,400	1,300	1,500	1,300	1,200	1,300
Civil/architectural engineering	5,600	4,700	4,700	5,100	4,900	4,800	5,100	5,200	4,500	4,600
Electrical/computer engineering	14,000	11,900	12,300	13,700	12,600	11,400	12,100	12,600	10,800	12,000
Industrial engineering	3,400	2,900	2,700	3,300	3,000	2,800	2,900	3,000	2,400	2,800
Materials/metallurgical engineering	1,600	S	S	S	S	S	S	S	S	S
Mechanical engineering	5,200	4,300	4,600	4,900	4,500	4,300	4,700	4,500	3,800	4,300
Other engineering	9,000	7,600	7,200	8,100	7,400	7,300	7,800	7,200	6,300	7,400
Health	74,400	64,400	71,400	68,800	62,100	67,100	67,800	68,200	50,300	56,100

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Column detail may not add to total because of rounding. Respondents were asked to rate their satisfaction with each job factor for their principal job held during week of October 1, 2003 using categories of very satisfied, somewhat satisfied, somewhat dissatisfied, or very dissatisfied. Respondents may have reported "very satisfied" or "somewhat satisfied" for more than one job factor.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 49. Relation of job to highest degree among employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All employed	Closely related	Somewhat related	Not related
All fields	768,900	373,700	207,000	188,200
Sciences	543,700	212,900	164,000	166,700
Biological, agricultural, and environmental life sciences	103,900	53,600	24,100	26,200
Agricultural/food sciences	11,500	6,700	2,500	2,300
Biological sciences	82,000	41,900	18,600	21,600
Environmental life sciences	10,300	5,000	3,000	2,300
Computer and information sciences	76,900	37,600	26,100	13,200
Mathematics and statistics	22,200	11,100	6,600	4,400
Physical and related sciences	28,100	16,300	5,700	6,100
Chemistry, except biochemistry	14,800	9,000	3,100	2,700
Earth/atmospheric/ocean sciences	5,600	3,200	1,000	1,300
Physics/astronomy	5,700	3,500	1,200	1,100
Other physical sciences	2,000	S	S	S
Psychology	122,800	38,800	41,700	42,200
Social and related sciences	189,800	55,600	59,700	74,600
Economics	35,400	10,200	14,900	10,300
Political and related sciences	53,300	13,000	14,000	26,200
Sociology/anthropology	63,200	17,700	20,800	24,700
Other social sciences	38,000	14,600	10,000	13,400
Engineering	98,400	56,400	31,700	10,200
Aerospace/aeronautical/astronautical engineering	2,900	1,600	900	400
Chemical engineering	8,800	3,900	3,700	1,100
Civil/architectural engineering	15,300	11,300	3,300	S
Electrical/computer engineering	30,800	17,200	10,400	3,200
Industrial engineering	6,100	2,700	2,200	1,100
Materials/metallurgical engineering	1,900	S	S	S
Mechanical engineering	22,300	12,700	7,300	2,400
Other engineering	10,200	5,700	3,300	1,200
Health	126,800	104,400	11,200	11,200

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Questionnaire item is "To what extent was your work on your principal job related to your highest degree? Was it..."

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 50. Relation of job to highest degree among employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All employed	Closely related	Somewhat related	Not related
All fields	214,400	164,500	36,700	13,200
Sciences	98,500	70,900	19,700	8,000
Biological, agricultural, and environmental life sciences	14,200	10,900	2,100	1,200
Agricultural/food sciences	2,700	2,200	S	S
Biological sciences	10,100	7,500	1,400	1,200
Environmental life sciences	1,300	1,100	S	S
Computer and information sciences	21,000	15,200	4,700	S
Mathematics and statistics	4,700	3,400	1,100	S
Physical and related sciences	8,400	6,500	1,400	S
Chemistry, except biochemistry	3,300	2,900	S	S
Earth/atmospheric/ocean sciences	2,500	1,500	S	S
Physics/astronomy	2,300	1,900	S	S
Other physical sciences	S	S	S	S
Psychology	29,900	24,100	4,200	S
Social and related sciences	20,400	10,800	6,300	3,300
Economics	3,300	2,000	1,200	S
Political and related sciences	6,100	2,700	2,100	1,300
Sociology/anthropology	4,200	2,700	800	S
Other social sciences	6,800	3,400	2,100	1,200
Engineering	41,500	29,800	9,200	2,500
Aerospace/aeronautical/astronautical engineering	1,100	800	S	S
Chemical engineering	1,600	1,200	300	S
Civil/architectural engineering	5,600	4,600	900	S
Electrical/computer engineering	14,000	10,700	2,300	S
Industrial engineering	3,400	2,100	1,100	S
Materials/metallurgical engineering	1,600	S	S	S
Mechanical engineering	5,200	3,300	1,700	S
Other engineering	9,000	5,900	2,400	S
Health	74,400	63,800	7,800	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Questionnaire item is "To what extent was your work on your principal job related to your highest degree? Was it..."

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 51. Occupation of employed 2001 and 2002 S&E bachelor's degree recipients, by sex and race/ethnicity: October 2003

Occupation	Race/ethnicity									
	All employed	Sex		Asian	American Indian/ Alaska Native	Black, non-Hispanic	Hispanic	White, non-Hispanic	Other <sup>a</sup>	
		Male	Female							
All occupations	768,900	337,100	431,700	91,300	4,400	60,000	57,500	529,900	25,800	
Scientists	146,800	91,000	55,800	31,000	S	6,600	8,900	95,900	3,900	
Biological, agricultural, and environmental life scientist	30,900	12,600	18,300	S	S	S	1,200	23,400	S	
Computer and information scientist	71,600	53,900	17,700	21,900	S	3,200	4,300	40,100	S	
Mathematical scientist	5,300	3,200	2,100	S	S	S	S	4,000	S	
Physical scientist	17,900	10,000	7,800	S	S	800	1,000	13,800	S	
Psychologist	4,800	S	S	S	S	S	S	S	S	
Social scientist	16,300	8,200	8,000	S	S	S	1,100	11,700	S	
Engineers	72,900	58,200	14,800	13,200	S	3,100	5,100	48,700	2,700	
Science and engineering-related occupations	188,900	45,800	143,100	14,800	S	14,800	9,900	139,400	8,800	
Health-related occupation	143,400	23,900	119,500	S	S	11,900	7,000	106,400	7,000	
S&E manager	5,600	1,400	S	S	S	S	S	4,000	S	
S&E precollege teacher	19,700	9,100	10,600	S	S	1,900	1,500	14,600	S	
S&E technician/technologist	17,600	10,700	6,900	S	S	S	900	12,500	S	
Other S&E-related occupation	2,700	S	S	S	S	S	S	S	S	
Non-science and engineering occupations	360,200	142,200	218,000	32,300	2,400	35,500	33,700	246,000	10,400	
Arts/humanities-related occupation	9,500	4,500	5,100	S	S	S	S	7,400	S	
Management-related occupation	41,100	22,500	18,600	6,200	S	3,400	3,800	25,700	S	
Non-S&E manager	1,800	S	S	S	S	S	S	S	S	
Non-S&E postsecondary teacher	5,100	S	3,200	S	S	S	S	3,700	S	
Non-S&E precollege/other teacher	40,900	7,800	33,000	S	S	4,500	5,000	28,200	S	
Sales/marketing occupation	58,400	28,600	29,800	6,700	S	4,000	5,100	40,900	S	
Social service-related occupation	45,300	8,600	36,600	S	S	8,100	5,500	28,100	S	
Other non-S&E occupation	158,100	66,600	91,600	15,500	S	14,000	12,100	111,100	4,500	

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Detail may not add to total because of rounding. Scientists and engineers occupations include postsecondary education. For details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 52. Occupation of employed 2001 and 2002 S&E master's degree recipients, by sex and race/ethnicity: October 2003

Occupation	Race/ethnicity								
	All employed	Sex		Asian	American Indian/Alaska Native	Black, non-Hispanic	Hispanic	White, non-Hispanic	Other <sup>a</sup>
		Male	Female						
All occupations	214,400	98,700	115,700	51,800	S	12,000	9,000	135,300	5,500
Scientists	69,700	40,000	29,700	28,600	S	2,700	2,800	32,700	2,600
Biological, agricultural, and environmental life scientist	12,100	5,800	6,300	3,300	S	S	700	7,400	S
Computer and information scientist	25,800	18,200	7,600	18,400	S	900	S	5,500	S
Mathematical scientist	4,100	2,600	1,500	1,600	S	S	S	2,000	S
Physical scientist	7,100	4,900	2,200	2,000	S	S	S	4,300	S
Psychologist	12,700	4,300	8,400	S	S	S	S	9,100	S
Social scientist	8,000	4,300	3,700	S	S	S	S	4,400	S
Engineers	30,400	24,900	5,500	13,800	S	800	1,600	13,400	S
Science and engineering-related occupations	68,800	16,300	52,500	5,400	S	3,300	1,600	58,100	S
Health-related occupation	61,700	12,700	49,000	S	S	S	S	53,600	S
S&E manager	1,600	S	S	S	S	S	S	S	S
S&E precollege teacher	2,800	1,200	1,700	S	S	S	S	1,700	S
S&E technician/technologist	2,400	S	S	S	S	S	S	S	S
Other S&E-related occupation	S	S	S	S	S	S	S	S	S
Non-science and engineering occupations	45,500	17,500	28,000	4,100	S	5,200	3,000	31,000	S
Arts/humanities-related occupation	1,300	S	S	S	S	S	S	S	S
Management-related occupation	7,300	4,000	3,300	S	S	1,000	S	4,700	S
Non-S&E manager	S	S	S	S	S	S	S	S	S
Non-S&E postsecondary teacher	2,100	S	S	S	S	S	S	S	S
Non-S&E precollege/other teacher	3,600	S	2,300	S	S	S	S	1,800	S
Sales/marketing occupation	3,200	S	2,200	S	S	S	S	2,400	S
Social service-related occupation	14,300	2,600	11,700	S	S	1,600	1,000	10,500	S
Other non-S&E occupation	11,900	5,700	6,200	S	S	1,000	1,000	8,800	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Detail may not add to total because of rounding. Scientists and engineers occupations include postsecondary education. For details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 53. Occupation of employed 2001 and 2002 S&E bachelor's degree recipients, by age: October 2003

Occupation	All employed	Less than 25 years	25-29 years	30-34 years	35 years or more
All occupations	768,900	368,800	260,400	58,400	81,300
Scientists	146,800	74,000	52,000	12,100	8,700
Biological, agricultural, and environmental life scientist	30,900	17,000	11,400	S	S
Computer and information scientist	71,600	29,500	28,100	8,400	5,500
Mathematical scientist	5,300	2,700	2,100	S	S
Physical scientist	17,900	10,900	4,800	900	1,200
Psychologist	4,800	S	S	S	S
Social scientist	16,300	10,800	3,800	S	S
Engineers	72,900	29,500	34,300	5,400	3,800
Science and engineering-related occupations	188,900	72,500	55,900	20,900	39,600
Health-related occupation	143,400	52,400	40,200	15,200	35,500
S&E manager	5,600	S	S	S	S
S&E precollege teacher	19,700	9,200	7,500	1,400	1,500
S&E technician/technologist	17,600	8,500	6,200	S	S
Other S&E-related occupation	2,700	2,100	S	S	S
Non-science and engineering occupations	360,200	192,700	118,300	20,100	29,200
Arts/humanities-related occupation	9,500	6,200	S	S	S
Management-related occupation	41,100	20,800	15,000	S	3,600
Non-S&E manager	1,800	S	S	S	S
Non-S&E postsecondary teacher	5,100	3,200	S	S	S
Non-S&E precollege/other teacher	40,900	23,800	10,300	S	4,700
Sales/marketing occupation	58,400	30,500	21,900	2,600	3,400
Social service-related occupation	45,300	21,700	12,900	3,900	6,800
Other non-S&E occupation	158,100	85,900	54,300	8,900	9,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
 S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Science and engineering fields include postsecondary education.  
 For details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 54. Occupation of employed 2001 and 2002 S&E master's degree recipients, by age: October 2003

Occupation	All employed	Less than 25 years	25-29 years	30-34 years	35 years or more
All occupations	214,400	5,100	94,600	54,700	60,000
Scientists	69,700	1,200	34,200	19,500	14,700
Biological, agricultural, and environmental life scientist	12,100	S	4,900	3,300	3,700
Computer and information scientist	25,800	S	13,100	7,900	4,100
Mathematical scientist	4,100	S	1,800	1,500	700
Physical scientist	7,100	S	3,000	2,600	1,500
Psychologist	12,700	S	7,000	3,000	2,700
Social scientist	8,000	S	4,500	1,300	S
Engineers	30,400	1,200	17,600	7,300	4,200
Science and engineering-related occupations	68,800	S	26,100	17,600	23,500
Health-related occupation	61,700	S	22,800	16,100	21,300
S&E manager	1,600	S	S	S	S
S&E precollege teacher	2,800	S	1,100	S	S
S&E technician/technologist	2,400	S	1,700	S	S
Other S&E-related occupation	S	S	S	S	S
Non-science and engineering occupations	45,500	S	16,600	10,200	17,500
Arts/humanities-related occupation	1,300	S	S	S	S
Management-related occupation	7,300	S	3,000	1,600	2,600
Non-S&E manager	S	S	S	S	S
Non-S&E postsecondary teacher	2,100	S	S	S	S
Non-S&E precollege/other teacher	3,600	S	S	S	1,900
Sales/marketing occupation	3,200	S	S	S	S
Social service-related occupation	14,300	S	5,100	2,800	5,900
Other non-S&E occupation	11,900	S	4,500	2,900	4,400

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Science and engineering fields include postsecondary education.

For details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 55. Primary work activity of employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	All employed	Computer applications	Management, sales, administration	Research and development	Teaching	Other
All fields	768,900	71,300	237,700	146,600	85,200	228,100
Sciences	543,700	56,200	195,200	92,500	71,400	128,300
Biological, agricultural, and environmental life sciences	103,900	S	29,300	35,000	12,000	24,800
Agricultural/food sciences	11,500	S	4,700	2,700	S	2,700
Biological sciences	82,000	S	22,100	28,700	9,600	19,600
Environmental life sciences	10,300	S	2,500	3,600	S	2,500
Computer and information sciences	76,900	34,500	21,600	9,700	4,100	7,200
Mathematics and statistics	22,200	3,400	5,800	2,800	7,500	2,800
Physical and related sciences	28,100	1,500	6,000	10,800	4,800	5,100
Chemistry, except biochemistry	14,800	S	2,600	6,500	2,300	2,800
Earth/atmospheric/ocean sciences	5,600	S	1,500	1,900	900	1,000
Physics/astronomy	5,700	S	1,100	2,200	1,300	600
Other physical sciences	2,000	S	S	S	S	S
Psychology	122,800	S	48,000	10,800	17,400	43,400
Social and related sciences	189,800	11,000	84,500	23,600	25,600	45,100
Economics	35,400	2,400	20,200	4,800	1,600	6,400
Political and related sciences	53,300	3,300	24,400	7,700	4,400	13,600
Sociology/anthropology	63,200	S	27,500	7,500	9,400	16,000
Other social sciences	38,000	S	12,300	3,600	10,300	9,200
Engineering	98,400	13,600	25,700	44,300	3,600	11,200
Aerospace/aeronautical/astronautical engineering	2,900	500	500	1,200	S	600
Chemical engineering	8,800	S	2,500	3,600	S	2,000
Civil/architectural engineering	15,300	S	5,400	7,300	S	1,800
Electrical/computer engineering	30,800	8,000	6,100	13,600	1,400	1,600
Industrial engineering	6,100	600	2,500	1,900	S	900
Materials/metallurgical engineering	1,900	S	S	S	S	S
Mechanical engineering	22,300	1,700	6,000	11,900	S	1,900
Other engineering	10,200	1,600	2,500	3,600	S	2,000
Health	126,800	S	16,800	S	10,200	88,600

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Primary work activity is defined as activity in which respondent worked most hours on job in typical work week.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 56. Primary work activity of employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	All employed	Computer applications	Management, sales, administration	Research and development	Teaching	Other
All fields	214,400	24,100	34,100	55,700	23,600	77,000
Sciences	98,500	14,500	16,700	26,700	14,100	26,500
Biological, agricultural, and environmental life sciences	14,200	S	2,500	6,800	2,100	2,400
Agricultural/food sciences	2,700	S	S	1,300	S	S
Biological sciences	10,100	S	1,400	5,100	1,700	1,600
Environmental life sciences	1,300	S	S	S	S	S
Computer and information sciences	21,000	11,500	2,200	5,500	S	S
Mathematics and statistics	4,700	800	S	1,500	1,500	S
Physical and related sciences	8,400	S	S	5,200	1,300	S
Chemistry, except biochemistry	3,300	S	S	2,200	S	S
Earth/atmospheric/ocean sciences	2,500	S	S	1,300	S	S
Physics/astronomy	2,300	S	S	1,600	500	S
Other physical sciences	S	S	S	S	S	S
Psychology	29,900	S	4,200	3,600	4,700	17,100
Social and related sciences	20,400	1,100	6,700	4,100	3,800	4,700
Economics	3,300	S	900	1,000	S	S
Political and related sciences	6,100	S	2,300	S	S	1,900
Sociology/anthropology	4,200	S	1,200	1,000	S	900
Other social sciences	6,800	S	2,300	S	1,600	1,400
Engineering	41,500	7,300	7,500	22,300	1,500	2,900
Aerospace/aeronautical/astronautical engineering	1,100	S	S	700	S	S
Chemical engineering	1,600	S	S	1,000	S	S
Civil/architectural engineering	5,600	S	1,400	3,100	S	S
Electrical/computer engineering	14,000	4,300	S	7,500	S	S
Industrial engineering	3,400	S	1,200	1,400	S	S
Materials/metallurgical engineering	1,600	S	S	S	S	S
Mechanical engineering	5,200	S	800	3,200	S	S
Other engineering	9,000	S	2,600	4,100	S	S
Health	74,400	S	9,900	S	8,000	47,600

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Primary work activity is defined as activity in which respondent worked most hours on job in typical work week.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 57. Work-related training taken by employed 2001 and 2002 S&amp;E bachelor's degree recipients, by occupation: October 2003

Occupation	All employed	Any type of work-related training <sup>a</sup>	General professional training	Management training	Training in occupational field	Other training
All occupations	768,900	431,200	160,400	105,200	399,900	45,800
Scientists <sup>b</sup>	146,800	65,900	23,900	12,300	59,300	5,200
Biological, agricultural, and environmental life scientist	30,900	12,600	4,800	S	11,500	S
Computer and information scientist	71,600	31,900	9,300	6,700	29,600	2,500
Mathematical scientist	5,300	2,500	1,300	S	2,400	S
Physical scientist	17,900	7,400	2,000	1,200	6,600	1,000
Psychologist	4,800	S	S	S	S	S
Social scientist	16,300	9,100	4,800	S	7,100	S
Engineers <sup>b</sup>	72,900	48,100	18,300	13,900	44,100	5,400
Science and engineering-related occupations	188,900	130,400	36,000	25,600	126,300	10,100
Health-related occupation	143,400	102,100	24,500	19,700	98,900	7,400
S&E manager	5,600	3,600	S	S	3,500	S
S&E precollege teacher	19,700	15,100	6,000	2,400	14,700	1,500
S&E technician/technologist	17,600	7,900	2,000	S	7,500	S
Other S&E-related occupation	2,700	1,700	S	S	1,700	S
Non-science and engineering occupations	360,200	186,800	82,200	53,400	170,100	25,100
Arts/humanities-related occupation	9,500	3,700	S	S	2,800	S
Management-related occupation	41,100	26,200	14,000	10,900	24,500	2,700
Non-S&E manager	1,800	S	S	S	S	S
Non-S&E postsecondary teacher	5,100	S	S	S	S	S
Non-S&E precollege/other teacher	40,900	26,300	8,600	4,100	25,900	2,800
Sales/marketing occupation	58,400	25,300	11,600	8,200	23,100	2,100
Social service-related occupation	45,300	35,100	12,300	9,900	32,600	7,800
Other non-S&E occupation	158,100	66,700	32,300	17,800	58,100	8,900

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Respondents may have taken more than one type of work-related training, therefore detail will not add to total.

<sup>b</sup> Scientists and engineers occupations include postsecondary education. For details, see technical notes.

NOTES: Detail may not add to total because of rounding. Training was during the period October 1, 2002 to October 1, 2003.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 58. Work-related training taken by employed 2001 and 2002 S&amp;E master's degree recipients, by occupation: October 2003

Occupation	All employed	Any type of work-related training <sup>a</sup>	General professional training	Management training	Training in occupational field	Other training
All occupations	214,400	142,600	43,100	30,500	132,800	11,700
Scientists <sup>b</sup>	69,700	37,700	14,400	7,100	34,000	3,700
Biological, agricultural, and environmental life scientist	12,100	7,000	3,200	2,200	6,000	S
Computer and information scientist	25,800	12,500	4,100	2,100	11,600	S
Mathematical scientist	4,100	2,000	800	S	1,700	S
Physical scientist	7,100	3,800	1,700	S	3,400	S
Psychologist	12,700	9,000	2,200	S	8,600	S
Social scientist	8,000	3,500	2,400	S	2,800	S
Engineers <sup>b</sup>	30,400	17,800	6,000	5,600	15,700	1,600
Science and engineering-related occupations	68,800	54,600	12,000	7,900	53,000	S
Health-related occupation	61,700	49,700	9,700	6,500	48,800	S
S&E manager	1,600	S	S	S	S	S
S&E precollege teacher	2,800	2,100	S	S	1,900	S
S&E technician/technologist	2,400	S	S	S	S	S
Other S&E-related occupation	S	S	S	S	S	S
Non-science and engineering occupations	45,500	32,500	10,800	9,800	30,100	3,900
Arts/humanities-related occupation	1,300	S	S	S	S	S
Management-related occupation	7,300	4,800	2,300	3,000	4,000	S
Non-S&E manager	S	S	S	S	S	S
Non-S&E postsecondary teacher	2,100	S	S	S	S	S
Non-S&E precollege/other teacher	3,600	2,500	S	S	2,500	S
Sales/marketing occupation	3,200	S	S	S	S	S
Social service-related occupation	14,300	12,700	3,600	1,600	12,200	S
Other non-S&E occupation	11,900	7,600	2,000	2,300	7,100	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Respondents may have taken more than one type of work-related training, therefore detail will not add to total.

<sup>b</sup> Scientists and engineers occupations include postsecondary education. For details, see technical notes.

NOTES: Detail may not add to total because of rounding. Training was during the period October 1, 2002 to October 1, 2003.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 59. Work-related training taken by employed 2001 and 2002 S&E bachelor's degree recipients, by employment sector: October 2003

Sector of employment	All employed	Any type of work-related training <sup>a</sup>	General professional training	Management training	Training in occupational field	Other training
All sectors	768,900	431,200	160,400	105,200	399,900	45,800
Educational institution	171,100	90,000	34,000	13,400	81,600	9,100
4-year college and university <sup>b</sup>	101,000	41,000	16,600	5,700	35,700	3,200
Other educational <sup>c</sup>	70,100	49,000	17,400	7,700	45,900	5,800
Government	87,100	57,500	25,900	15,100	55,300	7,400
Federal government	35,800	23,900	11,700	9,500	22,400	1,500
State or local government	51,200	33,600	14,100	5,600	32,900	5,900
Private industry and business (non-educational)	510,700	283,700	100,500	76,700	263,000	29,300
Private, for profit company <sup>d</sup>	392,800	207,100	77,400	56,700	191,400	21,400
Nonprofit organizations	92,200	66,100	20,300	18,900	62,200	6,000
Self-employed <sup>d</sup>	25,800	10,600	2,800	S	9,500	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Respondents may have taken more than one type of work-related training, therefore, detail will not add to total.

<sup>b</sup> Includes university-affiliated medical schools or research organizations.

<sup>c</sup> Includes elementary, middle, secondary, and less than 4-year colleges or other educational institutions.

<sup>d</sup> Persons reporting they were self-employed but in an incorporated business are classified as "private, for-profit."

NOTES: Detail may not add to total because of rounding. Training was during the period October 1, 2002 to October 1, 2003.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 60. Work-related training taken by employed 2001 and 2002 S&E master's degree recipients, by employment sector: October 2003

Sector of employment	All employed	Any type of work-related training <sup>a</sup>	General professional training	Management training	Training in occupational field	Other training
All sectors	214,400	142,600	43,100	30,500	132,800	11,700
Educational institution	62,700	34,900	12,300	4,200	32,700	2,100
4-year college and university <sup>b</sup>	42,500	18,100	6,900	2,100	16,200	1,200
Other educational <sup>c</sup>	20,200	16,800	5,400	2,100	16,500	S
Government	28,900	23,500	8,500	8,600	21,900	2,200
Federal government	12,200	9,600	4,300	3,900	8,700	1,300
State or local government	16,700	13,800	4,100	4,700	13,200	S
Private industry and business (non-educational)	122,900	84,200	22,400	17,600	78,300	7,400
Private, for profit company <sup>d</sup>	94,700	60,800	17,100	13,100	56,200	6,000
Nonprofit organizations	23,600	20,800	4,700	4,200	19,500	S
Self-employed <sup>d</sup>	4,500	2,600	S	S	2,600	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Respondents may have taken more than one type of work-related training, therefore, detail will not add to total.

<sup>b</sup> Includes university-affiliated medical schools or research organizations.

<sup>c</sup> Includes elementary, middle, secondary, and less than 4-year colleges or other educational institutions.

<sup>d</sup> Persons reporting they were self-employed but in an incorporated business are classified as "private, for-profit."

NOTES: Detail may not add to total because of rounding. Training was during the period October 1, 2002 to October 1, 2003.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 61. Importance of selected job factors to employed 2001 and 2002 S&E bachelor's degree recipients, by major field of degree: October 2003

Major field	Considered job factor to be very important or somewhat important									
	All employed	Benefits	Contribution to society	Degree of independence	Intellectual challenge	Job security	Level of responsibility	Location	Opportunities for advancement	Salary
All fields	768,900	745,100	705,900	741,200	756,500	749,700	737,900	721,900	745,700	749,400
Sciences	543,700	529,200	498,000	522,500	534,400	528,600	518,900	509,200	527,900	526,900
Biological, agricultural, and environmental life sciences	103,900	101,400	97,600	100,300	102,600	100,900	100,300	97,300	102,100	100,300
Agricultural/food sciences	11,500	11,300	10,500	11,200	11,400	11,500	11,500	10,600	11,300	11,300
Biological sciences	82,000	80,200	77,100	79,000	81,100	79,400	79,000	76,800	80,600	79,200
Environmental life sciences	10,300	10,000	10,000	10,100	10,100	10,000	9,800	9,900	10,200	9,900
Computer and information sciences	76,900	75,800	64,300	74,000	76,100	75,800	72,800	71,200	75,600	75,600
Mathematics and statistics	22,200	21,200	19,500	21,100	21,700	21,400	20,900	20,800	21,100	21,300
Physical and related sciences	28,100	27,400	25,400	26,500	27,600	27,200	26,500	26,500	27,200	27,100
Chemistry, except biochemistry	14,800	14,600	13,700	14,100	14,400	14,500	14,100	13,900	14,500	14,600
Earth/atmospheric/ocean sciences	5,600	5,600	4,800	5,300	5,600	5,500	5,200	5,400	5,600	5,500
Physics/astronomy	5,700	5,300	5,200	5,300	5,600	5,200	5,300	5,500	5,400	5,000
Other physical sciences	2,000	2,000	1,700	1,800	2,000	2,000	2,000	1,700	1,800	2,000
Psychology	122,800	120,400	115,300	119,000	121,400	120,700	119,400	116,900	117,700	120,800
Social and related sciences	189,800	182,900	175,900	181,600	185,100	182,600	179,000	176,500	184,200	182,000
Economics	35,400	34,500	29,700	34,100	34,500	34,400	33,900	33,100	35,000	34,900
Political and related sciences	53,300	51,100	49,900	50,800	52,500	50,300	50,900	48,900	51,300	51,900
Sociology/anthropology	63,200	60,700	60,400	60,400	61,200	61,200	59,100	59,200	61,400	59,100
Other social sciences	38,000	36,700	35,900	36,300	37,000	36,600	35,100	35,200	36,500	36,100
Engineering	98,400	95,100	84,100	93,500	96,300	95,600	93,900	90,900	95,700	96,300
Aerospace/aeronautical/astronautical engineering	2,900	2,900	2,400	2,700	2,900	2,800	2,800	2,700	2,900	2,900
Chemical engineering	8,800	8,300	7,200	8,400	8,600	8,600	8,400	8,300	8,500	8,700
Civil/architectural engineering	15,300	14,900	13,400	14,600	14,700	15,100	14,400	14,300	14,800	14,800
Electrical/computer engineering	30,800	30,000	26,300	29,600	30,300	29,900	29,400	28,200	29,900	30,200
Industrial engineering	6,100	5,800	5,400	5,700	6,000	5,900	5,900	5,700	6,000	6,000
Materials/metallurgical engineering	1,900	1,700	1,600	1,800	1,800	1,900	1,800	1,400	1,600	1,900
Mechanical engineering	22,300	21,800	19,100	21,000	22,100	21,800	21,500	20,600	22,100	21,900
Other engineering	10,200	9,700	8,600	9,600	9,900	9,700	9,500	9,800	10,000	9,900
Health	126,800	120,800	123,700	125,200	125,800	125,500	125,100	121,700	122,100	126,200

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Respondents were asked the following question: "When thinking about a job, how important is each of the following factors to you?" The response categories were very important, somewhat important, somewhat unimportant, and not important at all.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 62. Importance of selected job factors to employed 2001 and 2002 S&E master's degree recipients, by major field of degree: October 2003

Major field	Considered job factor to be very important or somewhat important									
	All employed	Benefits	Contribution to society	Degree of independence	Intellectual challenge	Job security	Level of responsibility	Location	Opportunities for advancement	Salary
All fields	214,400	208,600	200,400	207,100	209,700	208,800	205,400	201,000	204,000	211,000
Sciences	98,500	95,600	92,000	94,600	96,700	94,900	93,100	92,000	94,000	96,800
Biological, agricultural, and environmental life sciences	14,200	13,900	13,400	13,400	13,900	13,600	13,100	13,400	13,500	13,900
Agricultural/food sciences	2,700	2,700	2,700	2,600	2,700	2,700	2,400	2,500	2,600	2,600
Biological sciences	10,100	9,800	9,400	9,500	9,800	9,500	9,500	9,600	9,800	9,900
Environmental life sciences	1,300	1,300	1,200	1,300	1,300	1,300	1,200	1,300	1,100	1,300
Computer and information sciences	21,000	20,300	18,600	19,200	20,400	19,400	20,300	18,400	20,000	20,700
Mathematics and statistics	4,700	4,700	4,100	4,600	4,600	4,500	4,200	4,400	4,400	4,500
Physical and related sciences	8,400	8,100	7,400	7,800	8,000	8,100	7,400	7,700	8,000	8,100
Chemistry, except biochemistry	3,300	3,100	2,400	2,900	2,900	3,100	2,600	2,800	3,100	3,100
Earth/atmospheric/ocean sciences	2,500	2,300	2,400	2,300	2,400	2,300	2,300	2,400	2,300	2,400
Physics/astronomy	2,300	2,300	2,100	2,200	2,200	2,200	2,100	2,000	2,100	2,200
Other physical sciences	S	S	S	S	S	S	S	S	S	S
Psychology	29,900	28,700	29,000	29,500	29,500	29,300	28,600	28,700	28,000	29,900
Social and related sciences	20,400	19,900	19,500	19,900	20,300	20,100	19,600	19,500	19,900	19,700
Economics	3,300	3,200	3,000	3,200	3,300	3,200	3,200	3,200	3,200	3,200
Political and related sciences	6,100	6,100	6,000	6,000	6,100	6,100	5,900	5,900	6,000	6,000
Sociology/anthropology	4,200	4,000	4,100	4,100	4,200	4,100	4,000	4,000	4,000	4,100
Other social sciences	6,800	6,500	6,400	6,600	6,800	6,700	6,400	6,400	6,600	6,400
Engineering	41,500	40,400	36,100	38,900	41,000	40,300	39,800	37,600	40,600	40,600
Aerospace/aeronautical/astronautical engineering	1,100	1,000	1,000	1,000	1,100	1,000	1,000	1,000	1,000	1,000
Chemical engineering	1,600	1,500	1,500	1,500	1,500	1,500	1,500	1,200	1,500	1,500
Civil/architectural engineering	5,600	5,400	5,000	5,200	5,500	5,500	5,300	5,000	5,600	5,400
Electrical/computer engineering	14,000	13,800	12,400	13,100	14,000	13,700	13,400	12,900	13,700	13,800
Industrial engineering	3,400	3,400	2,900	3,300	3,300	3,400	3,300	3,200	3,400	3,400
Materials/metallurgical engineering	1,600	1,600	S	1,600	1,600	1,600	1,600	S	S	1,600
Mechanical engineering	5,200	5,100	4,400	4,800	5,200	5,000	5,000	4,700	5,100	5,100
Other engineering	9,000	8,600	7,400	8,500	8,900	8,600	8,700	8,200	8,800	8,800
Health	74,400	72,500	72,300	73,600	72,000	73,500	72,500	71,400	69,400	73,600

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

NOTES: Detail may not add to total because of rounding. Respondents were asked the following question: "When thinking about a job, how important is each of the following factors to you?" The response categories were very important, somewhat important, somewhat unimportant, and not important at all.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 63. Employment sector of 2001 and 2002 S&amp;E bachelor's degree recipients, by occupation: October 2003

Occupation	All employed	Sector		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All occupations	768,900	171,100	87,100	510,700
Scientists <sup>d</sup>	146,800	45,400	16,700	84,700
Biological, agricultural, and environmental life scientist	30,900	18,200	3,700	9,000
Computer and information scientist	71,600	7,600	6,400	57,600
Mathematical scientist	5,300	3,100	S	S
Physical scientist	17,900	8,600	1,300	8,000
Psychologist	4,800	S	S	S
Social scientist	16,300	5,100	3,300	7,800
Engineers <sup>d</sup>	72,900	9,400	11,000	52,600
Science and engineering-related occupations	188,900	43,700	17,800	127,500
Health-related occupation	143,400	19,500	14,800	109,100
S&E manager	5,600	S	S	5,400
S&E precollege teacher	19,700	19,600	S	S
S&E technician/technologist	17,600	4,500	2,700	10,400
Other S&E-related occupation	2,700	S	S	2,600
Non-science and engineering occupations	360,200	72,600	41,600	246,000
Arts/humanities-related occupation	9,500	S	S	7,300
Management-related occupation	41,100	2,300	4,500	34,300
Non-S&E manager	1,800	S	S	1,400
Non-S&E postsecondary teacher	5,100	4,500	S	S
Non-S&E precollege/other teacher	40,900	34,800	S	4,800
Sales/marketing occupation	58,400	S	S	57,300
Social service-related occupation	45,300	7,500	9,100	28,700
Other non-S&E occupation	158,100	21,000	25,100	112,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

<sup>d</sup> Scientists and engineers occupations include S&E postsecondary educators. For more details, see technical notes.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 64. Employment sector of 2001 and 2002 S&amp;E master's degree recipients, by occupation: October 2003

Occupation	All employed	Sector		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All occupations	214,400	62,700	28,900	122,900
Scientists <sup>d</sup>	69,700	27,500	8,200	34,100
Biological, agricultural, and environmental life scientist	12,100	6,300	2,800	3,100
Computer and information scientist	25,800	3,900	S	20,400
Mathematical scientist	4,100	2,100	S	1,600
Physical scientist	7,100	3,200	900	3,000
Psychologist	12,700	8,500	S	3,000
Social scientist	8,000	3,500	1,400	3,000
Engineers <sup>d</sup>	30,400	6,700	2,700	20,900
Science and engineering-related occupations	68,800	17,000	7,900	43,900
Health-related occupation	61,700	13,500	7,300	40,900
S&E manager	1,600	S	S	1,500
S&E precollege teacher	2,800	2,800	S	S
S&E technician/technologist	2,400	S	S	S
Other S&E-related occupation	S	S	S	S
Non-science and engineering occupations	45,500	11,500	10,100	23,900
Arts/humanities-related occupation	1,300	S	S	S
Management-related occupation	7,300	S	2,100	4,400
Non-S&E manager	S	S	S	S
Non-S&E postsecondary teacher	2,100	2,100	S	S
Non-S&E precollege/other teacher	3,600	3,000	S	S
Sales/marketing occupation	3,200	S	S	3,100
Social service-related occupation	14,300	3,200	3,300	7,700
Other non-S&E occupation	11,900	1,700	3,700	6,500

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

<sup>d</sup> Scientists and engineers occupations include S&E postsecondary educators. For more details, see technical notes.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 65. Employment sector of 2001 and 2002 S&amp;E bachelor's degree recipients, by major field of degree: October 2003

Major field	All employed	Sector		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All fields	768,900	171,100	87,100	510,700
Sciences	543,700	140,600	59,800	343,300
Biological, agricultural, and environmental life sciences	103,900	35,100	11,400	57,400
Agricultural/food sciences	11,500	2,500	S	7,800
Biological sciences	82,000	30,900	7,900	43,200
Environmental life sciences	10,300	1,700	2,100	6,400
Computer and information sciences	76,900	9,200	7,500	60,200
Mathematics and statistics	22,200	9,800	1,800	10,500
Physical and related sciences	28,100	11,400	2,400	14,300
Chemistry, except biochemistry	14,800	6,000	S	8,000
Earth/atmospheric/ocean sciences	5,600	1,900	700	2,900
Physics/astronomy	5,700	3,200	600	1,900
Other physical sciences	2,000	S	S	1,500
Psychology	122,800	34,100	13,200	75,400
Social and related sciences	189,800	40,900	23,600	125,300
Economics	35,400	3,600	2,600	29,200
Political and related sciences	53,300	8,100	8,900	36,200
Sociology/anthropology	63,200	16,400	7,400	39,400
Other social sciences	38,000	12,800	4,700	20,500
Engineering	98,400	12,100	14,500	71,800
Aerospace/aeronautical/astronautical engineering	2,900	400	800	1,700
Chemical engineering	8,800	1,200	800	6,800
Civil/architectural engineering	15,300	S	3,800	10,600
Electrical/computer engineering	30,800	3,400	4,700	22,800
Industrial engineering	6,100	700	S	5,100
Materials/metallurgical engineering	1,900	S	S	S
Mechanical engineering	22,300	2,700	2,200	17,400
Other engineering	10,200	2,200	1,700	6,400
Health	126,800	18,400	12,800	95,700

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 66. Employment sector of 2001 and 2002 S&amp;E master's degree recipients, by major field of degree: October 2003

Major field	All employed	Sector		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All fields	214,400	62,700	28,900	122,900
Sciences	98,500	38,800	14,500	45,200
Biological, agricultural, and environmental life sciences	14,200	5,900	2,300	5,900
Agricultural/food sciences	2,700	S	S	S
Biological sciences	10,100	4,500	1,200	4,500
Environmental life sciences	1,300	S	S	S
Computer and information sciences	21,000	4,800	S	14,800
Mathematics and statistics	4,700	2,400	S	2,000
Physical and related sciences	8,400	4,000	1,000	3,400
Chemistry, except biochemistry	3,300	1,300	S	1,700
Earth/atmospheric/ocean sciences	2,500	700	S	1,200
Physics/astronomy	2,300	1,700	S	500
Other physical sciences	S	S	S	S
Psychology	29,900	14,500	4,800	10,600
Social and related sciences	20,400	7,200	4,800	8,400
Economics	3,300	1,200	S	1,800
Political and related sciences	6,100	1,200	1,700	3,300
Sociology/anthropology	4,200	1,800	1,000	1,400
Other social sciences	6,800	3,000	1,700	2,000
Engineering	41,500	8,700	3,400	29,300
Aerospace/aeronautical/astronautical engineering	1,100	S	S	500
Chemical engineering	1,600	700	S	800
Civil/architectural engineering	5,600	S	1,100	3,700
Electrical/computer engineering	14,000	3,400	S	9,800
Industrial engineering	3,400	S	S	2,800
Materials/metallurgical engineering	1,600	S	S	S
Mechanical engineering	5,200	1,000	S	3,900
Other engineering	9,000	2,000	S	6,300
Health	74,400	15,200	10,900	48,300

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

NOTE: Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 67. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sex, race/ethnicity, and major field of degree: October 2003

Major field	All employed recipients	Sex		Race/ethnicity				
		Male	Female	Asian	Black, non-Hispanic	Hispanic	White, non-Hispanic	Other <sup>a</sup>
All fields	\$36,000	\$40,000	\$35,000	\$41,000	\$34,000	\$35,000	\$36,000	\$39,000
Sciences	32,000	35,000	30,000	37,000	30,000	34,000	31,000	34,000
Biological, agricultural, and environmental life sciences	29,000	32,000	29,000	S	28,000	31,000	29,000	S
Agricultural/food sciences	29,000	32,000	26,000	S	S	S	29,000	S
Biological sciences	29,000	30,000	29,000	S	28,000	31,000	29,000	S
Environmental life sciences	30,000	32,000	29,000	S	S	S	31,000	S
Computer and information sciences	45,000	46,000	44,000	47,000	39,000	38,000	45,000	S
Mathematics and statistics	36,000	38,000	35,000	40,000	33,000	38,000	35,000	S
Physical and related sciences	35,000	36,000	34,000	S	32,000	34,000	35,000	S
Chemistry, except biochemistry	35,000	36,000	34,000	S	32,000	34,000	36,000	S
Earth/atmospheric/ocean sciences	32,000	32,000	31,000	S	S	S	31,000	S
Physics/astronomy	40,000	39,000	40,000	S	S	S	40,000	S
Other physical sciences	31,000	S	S	S	S	S	S	S
Psychology	28,000	30,000	28,000	S	26,000	31,000	29,000	S
Social and related sciences	30,000	35,000	29,000	36,000	30,000	35,000	30,000	30,000
Economics	37,000	38,000	35,000	39,000	39,000	38,000	35,000	S
Political and related sciences	30,000	35,000	29,000	S	26,000	36,000	31,000	S
Sociology/anthropology	29,000	29,000	28,000	S	30,000	30,000	28,000	S
Other social sciences	30,000	32,000	28,000	S	30,000	35,000	30,000	S
Engineering	50,000	50,000	48,000	52,000	49,000	45,000	49,000	49,000
Aerospace/aeronautical/astronautical engineering	48,000	48,000	51,000	S	S	49,000	48,000	S
Chemical engineering	53,000	53,000	53,000	S	53,000	50,000	52,000	S
Civil/architectural engineering	44,000	44,000	44,000	S	S	43,000	44,000	S
Electrical/computer engineering	53,000	53,000	54,000	53,000	51,000	49,000	53,000	S
Industrial engineering	47,000	47,000	47,000	S	50,000	40,000	48,000	S
Materials/metallurgical engineering	S	S	S	S	S	S	S	S
Mechanical engineering	50,000	50,000	52,000	S	46,000	46,000	50,000	S
Other engineering	43,000	44,000	42,000	S	S	S	44,000	S
Health	43,000	41,000	43,000	S	43,000	S	43,000	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian, Alaska Native, Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 68. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sex, race/ethnicity, and major field of degree: October 2003

Major field	All employed recipients	Sex		Race/ethnicity				
		Male	Female	Asian	Black, non-Hispanic	Hispanic	White, non-Hispanic	Other <sup>a</sup>
All fields	\$52,000	\$58,000	\$48,000	\$60,000	\$44,000	\$47,000	\$50,000	\$65,000
Sciences	45,000	49,000	40,000	55,000	42,000	41,000	41,000	43,000
Biological, agricultural, and environmental life sciences	40,000	41,000	38,000	S	S	S	41,000	S
Agricultural/food sciences	39,000	40,000	S	S	S	S	41,000	S
Biological sciences	40,000	45,000	38,000	S	S	S	40,000	S
Environmental life sciences	41,000	S	S	S	S	S	S	S
Computer and information sciences	60,000	66,000	56,000	59,000	S	S	68,000	S
Mathematics and statistics	54,000	56,000	51,000	55,000	S	S	50,000	S
Physical and related sciences	49,000	52,000	45,000	51,000	S	S	49,000	S
Chemistry, except biochemistry	53,000	53,000	48,000	S	S	S	S	S
Earth/atmospheric/ocean sciences	44,000	46,000	42,000	S	S	S	44,000	S
Physics/astronomy	58,000	S	S	S	S	S	57,000	S
Other physical sciences	S	S	S	S	S	S	S	S
Psychology	38,000	36,000	38,000	S	38,000	40,000	36,000	S
Social and related sciences	42,000	43,000	41,000	S	40,000	40,000	42,000	S
Economics	49,000	44,000	48,000	S	S	S	45,000	S
Political and related sciences	46,000	46,000	45,000	S	S	S	49,000	S
Sociology/anthropology	34,000	30,000	36,000	S	S	S	32,000	S
Other social sciences	40,000	42,000	38,000	S	S	S	42,000	S
Engineering	65,000	65,000	60,000	64,000	65,000	62,000	65,000	S
Aerospace/aeronautical/astronautical engineering	60,000	61,000	S	S	S	S	51,000	S
Chemical engineering	63,000	64,000	54,000	S	S	S	63,000	S
Civil/architectural engineering	54,000	54,000	52,000	54,000	S	S	54,000	S
Electrical/computer engineering	70,000	70,000	70,000	69,000	S	S	73,000	S
Industrial engineering	71,000	72,000	65,000	S	S	S	76,000	S
Materials/metallurgical engineering	S	S	S	S	S	S	S	S
Mechanical engineering	59,000	58,000	59,000	54,000	S	S	59,000	S
Other engineering	65,000	67,000	60,000	61,000	S	S	63,000	S
Health	53,000	55,000	50,000	S	43,000	S	52,000	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 69. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sex, race/ethnicity, and occupation: October 2003

Occupation	All employed recipients	Sex		Race/ethnicity				
		Male	Female	Asian	Black, non-Hispanic	Hispanic	White, non-Hispanic	Other <sup>a</sup>
All occupations	\$36,000	\$40,000	\$35,000	\$41,000	\$34,000	\$35,000	\$36,000	\$39,000
Scientists	40,000	43,000	38,000	45,000	38,000	36,000	39,000	38,000
Biological, agricultural, and environmental life scientist	32,000	32,000	30,000	S	S	S	32,000	S
Computer and information scientist	48,000	49,000	45,000	49,000	42,000	43,000	49,000	S
Mathematical scientist	40,000	39,000	S	S	S	S	48,000	S
Physical scientist	36,000	36,000	35,000	S	S	34,000	35,000	S
Psychologist	S	S	S	S	S	S	S	S
Social scientist	34,000	32,000	37,000	S	S	S	33,000	S
Engineers	50,000	50,000	48,000	53,000	50,000	48,000	49,000	45,000
Science and engineering-related occupations	38,000	36,000	40,000	40,000	40,000	35,000	38,000	43,000
Health-related occupation	41,000	39,000	41,000	S	40,000	33,000	41,000	41,000
S&E manager	66,000	60,000	S	S	S	S	70,000	S
S&E precollege teacher	32,000	32,000	32,000	S	31,000	34,000	32,000	S
S&E technician/technologist	29,000	31,000	26,000	S	S	38,000	28,000	S
Other S&E-related occupation	46,000	S	S	S	S	S	S	S
Non-science and engineering occupations	30,000	32,000	28,000	30,000	29,000	32,000	30,000	30,000
Arts/humanities-related occupation	28,000	27,000	27,000	S	S	S	27,000	S
Management-related occupation	40,000	44,000	36,000	50,000	35,000	37,000	40,000	S
Non-S&E manager	60,000	S	S	S	S	S	S	S
Non-S&E postsecondary teacher	S	S	S	S	S	S	S	S
Non-S&E precollege/other teacher	28,000	29,000	27,000	S	29,000	33,000	27,000	S
Sales/marketing occupation	31,000	35,000	29,000	29,000	30,000	34,000	32,000	S
Social service-related occupation	27,000	28,000	26,000	S	26,000	29,000	25,000	S
Other non-S&E occupation	28,000	30,000	27,000	27,000	29,000	28,000	28,000	28,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data. Scientists and engineers occupations include S&E postsecondary educators. For more details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 70. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sex, race/ethnicity, and occupation: October 2003

Occupation	All employed recipients	Sex		Race/ethnicity				
		Male	Female	Asian	Black, non-Hispanic	Hispanic	White, non-Hispanic	Other <sup>a</sup>
All occupations	\$52,000	\$58,000	\$48,000	\$60,000	\$44,000	\$47,000	\$50,000	\$65,000
Scientists	55,000	58,000	49,000	60,000	55,000	54,000	46,000	65,000
Biological, agricultural, and environmental life scientist	43,000	41,000	45,000	40,000	S	S	45,000	S
Computer and information scientist	65,000	67,000	58,000	63,000	58,000	S	70,000	S
Mathematical scientist	60,000	62,000	60,000	S	S	S	57,000	S
Physical scientist	48,000	53,000	41,000	S	S	S	50,000	S
Psychologist	39,000	40,000	39,000	S	S	S	39,000	S
Social scientist	54,000	54,000	53,000	S	S	S	42,000	S
Engineers	62,000	63,000	56,000	60,000	63,000	61,000	63,000	S
Science and engineering-related occupations	52,000	56,000	50,000	S	48,000	S	52,000	S
Health-related occupation	52,000	57,000	50,000	S	S	S	52,000	S
S&E manager	74,000	S	S	S	S	S	S	S
S&E precollege teacher	36,000	41,000	33,000	S	S	S	38,000	S
S&E technician/technologist	42,000	S	S	S	S	S	S	S
Other S&E-related occupation	S	S	S	S	S	S	S	S
Non-science and engineering occupations	42,000	45,000	39,000	45,000	39,000	40,000	42,000	S
Arts/humanities-related occupation	S	S	S	S	S	S	S	S
Management-related occupation	54,000	58,000	42,000	S	50,000	S	52,000	S
Non-S&E manager	S	S	S	S	S	S	S	S
Non-S&E postsecondary teacher	S	S	S	S	S	S	S	S
Non-S&E precollege/other teacher	35,000	S	35,000	S	S	S	S	S
Sales/marketing occupation	54,000	S	53,000	S	S	S	54,000	S
Social service-related occupation	37,000	S	37,000	S	37,000	S	35,000	S
Other non-S&E occupation	42,000	44,000	39,000	S	36,000	S	44,000	S

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Includes American Indian or Alaska Native, Native Hawaiian or other Pacific Islander and individuals reporting more than one race.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data. Scientists and engineers occupations include S&E postsecondary educators.

For more details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 71. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sector of employment and major field of degree: October 2003

Major field	All employed	Sector		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All fields	\$36,000	\$31,000	\$38,000	\$37,000
Sciences	32,000	30,000	33,000	32,000
Biological, agricultural, and environmental life sciences	29,000	30,000	30,000	29,000
Agricultural/food sciences	29,000	S	S	28,000
Biological sciences	29,000	30,000	31,000	29,000
Environmental life sciences	30,000	S	29,000	32,000
Computer and information sciences	45,000	34,000	47,000	47,000
Mathematics and statistics	36,000	32,000	40,000	42,000
Physical and related sciences	35,000	32,000	38,000	35,000
Chemistry, except biochemistry	35,000	30,000	S	36,000
Earth/atmospheric/ocean sciences	32,000	32,000	31,000	31,000
Physics/astronomy	40,000	39,000	S	39,000
Other physical sciences	31,000	S	S	S
Psychology	28,000	30,000	28,000	28,000
Social and related sciences	30,000	29,000	32,000	31,000
Economics	37,000	30,000	35,000	38,000
Political and related sciences	30,000	30,000	35,000	29,000
Sociology/anthropology	29,000	26,000	30,000	29,000
Other social sciences	30,000	29,000	33,000	30,000
Engineering	50,000	36,000	46,000	50,000
Aerospace/aeronautical/astronautical engineering	48,000	S	42,000	52,000
Chemical engineering	53,000	S	S	54,000
Civil/architectural engineering	44,000	S	45,000	44,000
Electrical/computer engineering	53,000	S	49,000	55,000
Industrial engineering	47,000	S	S	48,000
Materials/metallurgical engineering	S	S	S	S
Mechanical engineering	50,000	S	49,000	50,000
Other engineering	43,000	S	41,000	45,000
Health	43,000	42,000	48,000	42,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 72. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sector of employment and major field of degree: October 2003

Major field	All employed	Sector		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All fields	\$52,000	\$40,000	\$50,000	\$57,000
Sciences	45,000	40,000	41,000	51,000
Biological, agricultural, and environmental life sciences	40,000	33,000	43,000	49,000
Agricultural/food sciences	39,000	S	S	S
Biological sciences	40,000	32,000	44,000	50,000
Environmental life sciences	41,000	S	S	S
Computer and information sciences	60,000	45,000	S	66,000
Mathematics and statistics	54,000	42,000	S	63,000
Physical and related sciences	49,000	40,000	S	54,000
Chemistry, except biochemistry	53,000	S	S	54,000
Earth/atmospheric/ocean sciences	44,000	S	S	44,000
Physics/astronomy	58,000	S	S	S
Other physical sciences	S	S	S	S
Psychology	38,000	40,000	35,000	33,000
Social and related sciences	42,000	38,000	41,000	44,000
Economics	49,000	S	S	49,000
Political and related sciences	46,000	S	50,000	43,000
Sociology/anthropology	34,000	S	39,000	30,000
Other social sciences	40,000	35,000	40,000	S
Engineering	65,000	36,000	56,000	65,000
Aerospace/aeronautical/astronautical engineering	60,000	S	S	63,000
Chemical engineering	63,000	S	S	65,000
Civil/architectural engineering	54,000	S	53,000	54,000
Electrical/computer engineering	70,000	S	S	70,000
Industrial engineering	71,000	S	S	68,000
Materials/metallurgical engineering	S	S	S	S
Mechanical engineering	59,000	S	S	60,000
Other engineering	65,000	S	S	66,000
Health	53,000	40,000	53,000	54,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.  
S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job. Self-employed persons and full-time students are excluded from salary data.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 73. Median salary of full-time employed 2001 and 2002 S&E bachelor's degree recipients, by sector of employment and occupation: October 2003

Occupation	All employed	Sector		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All occupations	\$36,000	\$31,000	\$38,000	\$37,000
Scientists	40,000	31,000	39,000	43,000
Biological, agricultural, and environmental life scientist	32,000	30,000	28,000	33,000
Computer and information scientist	48,000	38,000	49,000	50,000
Mathematical scientist	40,000	S	S	S
Physical scientist	36,000	S	39,000	36,000
Psychologist	S	S	S	S
Social scientist	34,000	S	S	34,000
Engineers	50,000	45,000	47,000	50,000
Science and engineering-related occupations	38,000	35,000	44,000	40,000
Health-related occupation	41,000	38,000	45,000	40,000
S&E manager	66,000	S	S	66,000
S&E precollege teacher	32,000	32,000	S	S
S&E technician/technologist	29,000	25,000	27,000	30,000
Other S&E-related occupation	46,000	S	S	46,000
Non-science and engineering occupations	30,000	28,000	30,000	30,000
Arts/humanities-related occupation	28,000	S	S	27,000
Management-related occupation	40,000	S	43,000	40,000
Non-S&E manager	60,000	S	S	S
Non-S&E postsecondary teacher	S	S	S	S
Non-S&E precollege/other teacher	28,000	28,000	S	S
Sales/marketing occupation	31,000	S	S	32,000
Social service-related occupation	27,000	27,000	29,000	25,000
Other non-S&E occupation	28,000	26,000	30,000	27,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job.

Self-employed persons and full-time students are excluded from salary data. Scientists and engineers occupations include S&E postsecondary educators.

For more details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.

TABLE 74. Median salary of full-time employed 2001 and 2002 S&E master's degree recipients, by sector of employment and occupation: October 2003

Occupation	All employed	Sector of employment		
		Educational institution <sup>a</sup>	Government <sup>b</sup>	Private industry and business <sup>c</sup>
All occupations	\$52,000	\$40,000	\$50,000	\$57,000
Scientists	55,000	40,000	46,000	62,000
Biological, agricultural, and environmental life scientist	43,000	37,000	54,000	53,000
Computer and information scientist	65,000	S	S	66,000
Mathematical scientist	60,000	43,000	S	69,000
Physical scientist	48,000	S	S	56,000
Psychologist	39,000	40,000	S	S
Social scientist	54,000	S	40,000	61,000
Engineers	62,000	35,000	57,000	63,000
Science and engineering-related occupations	52,000	40,000	57,000	55,000
Health-related occupation	52,000	41,000	57,000	55,000
S&E manager	74,000	S	S	71,000
S&E precollege teacher	36,000	36,000	S	S
S&E technician/technologist	42,000	S	S	S
Other S&E-related occupation	S	S	S	S
Non-science and engineering occupations	42,000	36,000	42,000	44,000
Arts/humanities-related occupation	S	S	S	S
Management-related occupation	54,000	S	42,000	55,000
Non-S&E manager	S	S	S	S
Non-S&E postsecondary teacher	S	S	S	S
Non-S&E precollege/other teacher	35,000	35,000	S	S
Sales/marketing occupation	54,000	S	S	54,000
Social service-related occupation	37,000	41,000	40,000	33,000
Other non-S&E occupation	42,000	S	41,000	43,000

S = data with weighted values less than 100 or unweighted sample sizes less than 20 are suppressed for reasons of data reliability.

S&E = science and engineering.

<sup>a</sup> Educational institutions include elementary and secondary schools, 2-year and 4-year colleges and universities, medical schools university-affiliated research organizations, and all other educational institutions.

<sup>b</sup> Government includes local, state, and federal government, military, and commissioned corps.

<sup>c</sup> Private industry and business includes all private for-profit and private not-for-profit companies, businesses, and organizations, except those reported as educational institutions. It also includes persons reporting they were self-employed.

NOTES: Salary data are for principal job only. Full-time employed are those working at least 35 hours per week at their principal job.

Self-employed persons and full-time students are excluded from salary data. Scientists and engineers occupations include S&E postsecondary educators. For more details, see technical notes.

SOURCE: National Science Foundation/Division of Science Resources Statistics, National Survey of Recent College Graduates, 2003.