

TABLE G-1. Definite postgraduation plans of U.S.-citizen and permanent-resident S&E doctoral degree recipients, by major field, sex, and location: 2004  
(Percent distribution)

Major field and sex	All definite plans	United States					Abroad	Location unknown
		All U.S. plans	Academic employment	Industry employment	Postdoctoral study	Other		
All fields <sup>a</sup>	100.0	96.5	37.3	8.4	28.9	21.8	3.4	0.1
S&E	100.0	95.8	22.7	12.5	45.3	15.3	4.1	0.1
Science	100.0	95.7	23.8	9.1	48.1	14.7	4.2	0.1
Agricultural sciences	100.0	96.2	21.4	17.0	35.4	22.3	3.8	0.0
Biological sciences	100.0	96.4	8.3	4.3	75.3	8.6	3.5	0.1
Computer sciences	100.0	95.5	38.0	27.3	19.5	10.7	4.5	0.0
Earth, atmospheric, and ocean sciences	100.0	94.9	18.9	10.8	50.5	14.8	5.1	0.0
Mathematics and statistics	100.0	91.7	35.8	9.9	36.9	9.1	8.3	0.0
Physical sciences	100.0	95.1	10.0	21.2	55.2	8.7	4.6	0.2
Astronomy	100.0	91.6	11.6	6.3	68.4	5.3	8.4	0.0
Chemistry	100.0	95.7	9.5	26.1	52.6	7.5	4.0	0.2
Physics	100.0	94.8	10.7	14.5	57.8	11.8	4.9	0.3
Other	100.0	88.9	11.1	0.0	44.4	33.3	11.1	0.0
Psychology	100.0	98.2	24.0	6.9	43.8	23.4	1.7	0.1
Social sciences	100.0	93.2	54.3	5.3	13.8	19.8	6.6	0.2
Engineering	100.0	96.3	15.7	34.4	26.9	19.2	3.5	0.2
Aerospace engineering	100.0	98.2	7.1	35.7	26.8	28.6	1.8	0.0
Chemical engineering	100.0	92.5	3.5	46.0	32.7	10.2	7.5	0.0
Civil engineering	100.0	94.7	28.5	21.2	18.5	26.5	3.3	2.0
Electrical engineering	100.0	97.9	18.0	43.0	18.0	18.9	2.1	0.0
Industrial engineering	100.0	100.0	44.7	21.3	8.5	25.5	0.0	0.0
Materials engineering	100.0	92.3	4.6	38.5	37.7	11.5	7.7	0.0
Mechanical engineering	100.0	98.4	16.0	36.2	26.1	20.2	1.6	0.0
Other	100.0	97.5	17.6	22.9	34.7	22.3	2.5	0.0
Non-S&E	100.0	97.4	56.2	3.2	7.9	30.2	2.5	0.1
Female	100.0	97.1	41.1	5.0	27.1	23.8	2.8	0.1
S&E	100.0	96.2	25.1	8.1	47.3	15.8	3.7	0.0
Science	100.0	96.2	25.3	6.9	48.4	15.6	3.7	0.0
Agricultural sciences	100.0	97.3	21.9	11.6	39.0	24.7	2.7	0.0
Biological sciences	100.0	96.3	9.7	4.0	75.1	7.6	3.7	0.0
Computer sciences	100.0	95.1	49.2	16.4	21.3	8.2	4.9	0.0
Earth, atmospheric, and ocean sciences	100.0	93.5	17.6	11.1	53.7	11.1	6.5	0.0
Mathematics and statistics	100.0	94.5	45.0	3.7	37.6	8.3	5.5	0.0
Physical sciences	100.0	95.9	12.9	20.2	53.7	9.1	4.1	0.0
Astronomy	100.0	92.6	18.5	0.0	70.4	3.7	7.4	0.0
Chemistry	100.0	97.7	14.1	25.0	49.6	9.0	2.3	0.0
Physics	100.0	90.4	3.8	9.6	65.4	11.5	9.6	0.0
Other	100.0	83.3	16.7	0.0	50.0	16.7	16.7	0.0
Psychology	100.0	98.2	23.9	6.3	44.1	23.9	1.7	0.1
Social sciences	100.0	93.9	53.3	5.6	16.1	18.8	6.0	0.1
Engineering	100.0	96.3	22.4	24.4	31.4	18.1	3.7	0.0
Aerospace engineering	100.0	100.0	0.0	0.0	60.0	40.0	0.0	0.0
Chemical engineering	100.0	93.2	6.8	42.4	39.0	5.1	6.8	0.0
Civil engineering	100.0	95.3	34.9	23.3	16.3	20.9	4.7	0.0
Electrical engineering	100.0	97.6	24.4	22.0	26.8	24.4	2.4	0.0
Industrial engineering	100.0	100.0	57.1	7.1	7.1	28.6	0.0	0.0
Materials engineering	100.0	91.3	8.7	39.1	30.4	13.0	8.7	0.0
Mechanical engineering	100.0	100.0	20.0	40.0	24.0	16.0	0.0	0.0
Other	100.0	97.8	25.8	10.1	40.4	21.3	2.2	0.0
Non-S&E	100.0	97.8	55.7	2.2	8.8	31.2	2.0	0.1

TABLE G-1. Definite postgraduation plans of U.S. citizen and permanent resident S&E doctoral degree recipients, by major field, sex, and location: 2004  
(Percent distribution)

Major field and sex	All definite plans	United States					Abroad	Location unknown
		All U.S. plans	Academic employment	Industry employment	Postdoctoral study	Other		
Male	100.0	95.9	33.6	11.8	30.8	19.8	4.0	0.1
S&E	100.0	95.4	21.0	15.7	43.8	15.0	4.4	0.2
Science	100.0	95.2	22.6	10.8	47.9	13.9	4.6	0.2
Agricultural sciences	100.0	95.4	21.1	20.6	33.0	20.6	4.6	0.0
Biological sciences	100.0	96.5	7.1	4.5	75.6	9.4	3.3	0.2
Computer sciences	100.0	95.5	35.2	30.0	19.0	11.3	4.5	0.0
Earth, atmospheric, and ocean sciences	100.0	95.8	19.6	10.6	48.7	16.9	4.2	0.0
Mathematics and statistics	100.0	90.6	31.9	12.6	36.6	9.4	9.4	0.0
Physical sciences	100.0	94.8	8.9	21.6	55.7	8.6	4.8	0.3
Astronomy	100.0	91.2	8.8	8.8	67.6	5.9	8.8	0.0
Chemistry	100.0	94.9	7.4	26.6	54.0	6.9	4.8	0.4
Physics	100.0	95.5	11.8	15.3	56.5	11.8	4.2	0.3
Other	100.0	100.0	0.0	0.0	33.3	66.7	0.0	0.0
Psychology	100.0	98.3	24.4	8.3	43.2	22.4	1.7	0.0
Social sciences	100.0	92.6	55.1	5.0	11.8	20.7	7.2	0.2
Engineering	100.0	96.3	14.0	37.0	25.7	19.5	3.5	0.3
Aerospace engineering	100.0	98.0	7.8	39.2	23.5	27.5	2.0	0.0
Chemical engineering	100.0	92.2	2.4	47.3	30.5	12.0	7.8	0.0
Civil engineering	100.0	94.4	25.9	20.4	19.4	28.7	2.8	2.8
Electrical engineering	100.0	97.9	17.1	46.0	16.7	18.1	2.1	0.0
Industrial engineering	100.0	100.0	39.4	27.3	9.1	24.2	0.0	0.0
Materials engineering	100.0	92.5	3.7	38.3	39.3	11.2	7.5	0.0
Mechanical engineering	100.0	98.2	15.3	35.6	26.4	20.9	1.8	0.0
Other	100.0	97.4	14.5	27.8	32.5	22.6	2.6	0.0
Non-S&E	100.0	96.8	56.9	4.7	6.6	28.6	3.1	0.1

S&amp;E = Science and engineering.

<sup>a</sup> Includes those with unknown gender.

NOTES: Definite postgraduate plans are defined as *Am returning to, or continuing in, postdoctoral employment* or *Have signed contract or made definite commitment for other work or study* by doctoral degree recipients who responded to the question, *How definite are your immediate (within the next year) postgraduate plans?* "Other" includes elementary/secondary schools, government, nonprofit, and other/unknown.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2004.