TABLE 16. Percentage distribution of definite postgraduation plans of U.S. citizen and permanent resident doctorate recipients, by sex and major field: 2006

Sex and field	Recipients with definite plans	Location of definite plans						
		United States						
		Total	Postdoctoral study	Academic employment	Industry employment	Other[a]	Abroad	Unknown
All recipients	100.0	96.7	28.5	36.2	11.3	20.7	3.2	0.1
Science and engineering	100.0	96.0	43.6	22.3	16.0	14.1	3.9	0.1
Science	100.0	95.9	46.6	23.9	11.7	13.7	4.0	0.1
Agricultural sciences	100.0	94.6	33.1	24.9	16.3	20.2	5.4	0.0
Biological sciences	100.0	96.6	72.0	8.5	7.2	8.9	3.4	0.0
Computer sciences	100.0	95.4	16.0	31.1	35.4	12.9	4.4	0.2
Earth, atmospheric, and ocean sciences	100.0	96.9	50.4	21.7	11.4	13.4	3.1	0.0
Mathematics	100.0	91.8	35.3	33.6	12.6	10.3	8.2	0.0
Physical sciences	100.0	94.4	54.5	11.5	21.6	6.8	5.4	0.2
Astronomy	100.0	95.1	74.8	8.7	5.8	5.8	4.9	0.0
Chemistry	100.0	95.7	53.2	10.8	25.3	6.4	4.1	0.2
Physics	100.0	91.5	52.4	13.6	17.6	7.9	8.3	0.2
Psychology	100.0	98.6	43.9	23.0	10.2	21.5	1.4	0.1
Social sciences	100.0	94.5	13.3	55.5	7.0	18.7	5.4	0.1
Engineering	100.0	96.8	25.6	12.5	42.1	16.6	3.2	0.0
Aeronautical/astronautical engineering	100.0	95.0	15.0	6.7	43.3	30.0	5.0	0.0
Chemical engineering	100.0	95.4	28.5	4.6	53.6	8.7	4.6	0.0
Civil engineering	100.0	94.2	19.9	19.9	29.2	25.1	5.8	0.0
Electrical engineering	100.0	97.9	16.2	14.9	51.7	15.1	2.1	0.0
Industrial engineering	100.0	100.0	11.4	36.4	29.5	22.7	0.0	0.0
Materials/metallurgical engineering	100.0	96.2	35.3	5.1	47.4	8.3	3.8	0.0
Mechanical engineering	100.0	98.0	21.6	16.0	42.0	18.4	2.0	0.0
Other engineering	100.0	97.2	38.5	11.0	28.7	19.1	2.8	0.0
Non-science and engineering	100.0	97.6	7.9	55.1	4.9	29.7	2.3	0.1
Male	100.0	95.8	29.7	33.3	14.4	18.5	4.1	0.1
Science and engineering	100.0	95.3	41.8	21.3	19.2	12.9	4.7	0.1
Science	100.0	95.0	46.2	23.6	13.4	11.9	5.0	0.1
Agricultural sciences	100.0	94.2	31.5	27.3	15.8	19.6	5.8	0.0
Biological sciences	100.0	96.3	73.9	7.3	7.4	7.8	3.6	0.1
Computer sciences	100.0	94.8	15.4	28.1	37.7	13.6	4.9	0.3
Earth, atmospheric, and ocean sciences	100.0	96.0	46.2	19.3	14.3	16.1	4.0	0.0
Mathematics	100.0	90.7	35.0	34.7	11.0	9.9	9.3	0.0
Physical sciences	100.0	94.0	54.2	11.1	22.5	6.2	5.9	0.1
Astronomy	100.0	93.1	76.4	5.6	8.3	2.8	6.9	0.0
Chemistry	100.0	95.8	54.0	10.3	26.1	5.5	4.2	0.0
Physics	100.0	91.2	50.3	13.5	19.5	8.0	8.5	0.3
Psychology	100.0	97.7	41.0	26.1	11.6	19.1	2.3	0.0
Social sciences	100.0	93.7	11.7	57.2	7.0	17.8	6.2	0.1
Engineering	100.0	96.5	23.9	12.0	43.3	17.4	3.5	0.0
Aeronautical/astronautical engineering	100.0	94.4	16.7	3.7	44.4	29.6	5.6	0.0
Chemical engineering	100.0	94.5	29.5	3.5	52.5	9.0	5.5	0.0
Civil engineering	100.0	93.6	18.4	20.8	28.0	26.4	6.4	0.0
Electrical engineering	100.0	97.6	14.5	14.2	52.4	16.6	2.4	0.0
Industrial engineering	100.0	100.0	17.4	34.8	30.4	17.4	0.0	0.0
Materials/metallurgical engineering	100.0	94.8	35.3	5.2	44.8	9.5	5.2	0.0
Mechanical engineering	100.0	98.0	19.5	13.7	45.4	19.5	2.0	0.0
Other engineering	100.0	97.7	34.9	12.8	30.2	19.8	2.3	0.0
Non-science and engineering	100.0	96.7	6.6	55.8	5.4	28.9	3.1	0.2
Female	100.0	97.6	27.3	39.1	8.2	23.0	2.3	0.0
Science and engineering	100.0	97.1	45.9	23.6	11.8	15.7	2.9	0.1
Science	100.0	97.0	47.1	24.3	9.7	15.9	2.9	0.1
Agricultural sciences	100.0	95.2	35.9	20.7	17.2	21.4	4.8	0.0

TABLE 16. Percentage distribution of definite postgraduation plans of U.S. citizen and permanent resident doctorate recipients, by sex and major field: 2006

Sex and field	Recipients with definite plans	Location of definite plans						
		United States						
		Total	Postdoctoral study	Academic employment	Industry employment	Other[a]	Abroad	Unknown
Biological sciences	100.0	96.8	69.9	9.8	6.9	10.2	3.2	0.0
Computer sciences	100.0	97.7	18.2	42.0	27.3	10.2	2.3	0.0
Earth, atmospheric, and ocean sciences	100.0	98.4	57.8	25.8	6.3	8.6	1.6	0.0
Mathematics	100.0	95.1	36.1	30.3	17.2	11.5	4.9	0.0
Physical sciences	100.0	95.3	55.2	12.6	19.1	8.4	4.2	0.5
Astronomy	100.0	100.0	71.0	16.1	0.0	12.9	0.0	0.0
Chemistry	100.0	95.4	51.6	11.8	23.7	8.2	3.9	0.7
Physics	100.0	92.8	63.8	14.5	7.2	7.2	7.2	0.0
Psychology	100.0	98.9	45.1	21.8	9.7	22.4	1.0	0.1
Social sciences	100.0	95.3	15.0	53.8	7.0	19.6	4.6	0.1
Engineering	100.0	97.8	31.6	14.3	38.1	13.8	2.2	0.0
Aeronautical/astronautical engineering	100.0	100.0	0.0	33.3	33.3	33.3	0.0	0.0
Chemical engineering	100.0	98.4	25.4	7.9	57.1	7.9	1.6	0.0
Civil engineering	100.0	95.7	23.9	17.4	32.6	21.7	4.3	0.0
Electrical engineering	100.0	100.0	27.5	19.6	47.1	5.9	0.0	0.0
Industrial engineering	100.0	100.0	4.8	38.1	28.6	28.6	0.0	0.0
Materials/metallurgical engineering	100.0	100.0	35.0	5.0	55.0	5.0	0.0	0.0
Mechanical engineering	100.0	97.8	31.1	26.7	26.7	13.3	2.2	0.0
Other engineering	100.0	95.9	48.0	6.1	24.5	17.3	4.1	0.0
Non-science and engineering	100.0	98.2	8.7	54.6	4.6	30.2	1.8	0.0

[a] Includes government, nonprofit, elementary/secondary school, other employment, and employer unknown.

NOTES: Data exclude non-U.S. citizens with temporary visas and those of unknown citizenship. Categories are grouped differently from questionnaire and summary reports in that linguistics, history of science, American studies, and archaeology are included in social sciences and not in humanities, agricultural economics is included in social sciences and not in agricultural sciences, and public administration is included in social sciences and not in professional fields, according to National Science Foundation taxonomy. Non-science and engineering includes those whose field of specialization is unknown.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Earned Doctorates, 2006.