

TABLE F-12. S&E doctorates awarded to U.S. citizens and permanent residents, by sex, race/ethnicity, and field: 2001
(Percent distribution)

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Sex, race/ethnicity, and field	All U.S. citizen/ permanent resident	White	Asian/ Pacific Islander	Black	Hispanic	American Indian/ Alaskan Native	Other or unknown race/ethnicity
	Female (number)	6,867	5,257	686	373	332	32
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sciences							
Agricultural sciences	2.4	2.6	1.3	1.6	2.7	0.0	2.7
Biological sciences	28.5	28.2	39.2	22.0	22.9	21.9	23.5
Computer sciences	1.4	1.1	2.9	2.7	1.2	0.0	2.1
Earth, atmospheric, and ocean sciences	2.4	2.6	1.5	0.5	2.7	0.0	1.1
Atmospheric	0.2	0.2	0.3	0.0	0.0	0.0	0.0
Earth	1.3	1.5	0.6	0.0	1.2	0.0	0.5
Ocean	0.4	0.5	0.1	0.5	0.3	0.0	0.5
Other	0.4	0.4	0.4	0.0	1.2	0.0	0.0
Mathematics/statistics	2.2	2.3	2.3	1.9	1.5	3.1	2.7
Physical sciences	7.7	7.5	10.8	5.4	6.6	6.3	7.5
Astronomy	0.4	0.5	0.0	0.0	0.3	0.0	0.5
Chemistry	5.9	5.6	8.9	5.1	5.1	6.3	6.4
Physics	1.3	1.3	1.9	0.3	1.2	0.0	0.5
Other	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Psychology	29.6	30.8	13.3	33.2	38.6	37.5	33.7
Social sciences	18.9	18.9	14.7	26.0	17.2	25.0	20.3
Anthropology	3.2	3.2	2.2	2.4	4.2	6.3	5.9
Area/ethnic studies	1.2	1.2	0.3	3.5	1.2	3.1	2.1
Economics	2.2	2.2	3.8	0.5	1.5	3.1	3.2
History of science	0.1	0.1	0.1	0.0	0.0	0.0	0.0
Linguistics	1.1	1.1	0.9	1.3	0.9	0.0	2.7
Political science/public administration	4.0	4.0	3.1	7.5	2.1	6.3	3.2
Sociology	4.2	4.2	2.6	7.0	5.7	3.1	1.1
Other	2.9	3.0	1.7	3.8	1.5	3.1	2.1
Engineering	6.9	6.0	14.0	6.7	6.6	6.3	6.4
Aerospace	0.3	0.3	0.6	0.0	0.0	0.0	0.5
Chemical	1.3	1.1	2.8	2.7	1.5	0.0	0.0
Civil	1.0	1.0	1.3	0.0	0.6	0.0	2.1
Electrical	1.0	0.7	4.1	0.3	0.9	0.0	0.0
Industrial	0.4	0.3	0.9	0.8	0.6	0.0	0.0
Materials	0.8	0.7	1.3	1.1	1.5	0.0	0.5
Mechanical	0.6	0.5	1.2	0.3	0.0	0.0	1.1
Other	1.6	1.5	1.9	1.6	1.5	6.3	2.1
Male (number)	9,395	7,451	950	323	337	42	292
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Sciences							
Agricultural sciences	2.8	3.2	0.7	1.9	3.0	0.0	2.1
Biological sciences	24.0	23.6	29.8	16.7	26.1	19.0	22.3
Computer sciences	3.4	3.5	4.3	1.5	1.2	2.4	4.1
Earth, atmospheric, and ocean sciences	3.2	3.4	2.6	0.9	1.8	0.0	4.5
Atmospheric	0.5	0.5	0.3	0.0	0.3	0.0	1.4
Earth	1.8	1.9	1.6	0.6	0.9	0.0	2.4
Ocean	0.5	0.5	0.3	0.3	0.0	0.0	0.7
Other	0.5	0.5	0.4	0.0	0.6	0.0	0.0
Mathematics/statistics	3.9	4.1	3.4	3.7	3.0	2.4	2.1
Physical sciences	16.1	16.8	13.5	10.5	12.8	23.8	16.8
Astronomy	1.0	1.0	0.6	0.3	1.8	2.4	1.4
Chemistry	8.7	9.1	6.7	7.1	7.7	21.4	7.5
Physics	6.3	6.5	6.1	3.1	3.3	0.0	7.9

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	Other	0.1	0.2	0.0	0.0	0.0	0.0
Psychology	10.4	11.0	3.1	15.5	13.6	11.9	9.2
Social sciences	15.1	15.2	8.3	28.5	18.1	28.6	16.8
Anthropology	1.6	1.7	0.4	1.2	1.8	14.3	2.4
Area/ethnic studies	0.5	0.5	0.2	1.2	0.3	2.4	0.0
Economics	3.2	3.3	3.2	3.1	3.9	2.4	2.4
History of science	0.3	0.3	0.2	0.3	0.6	0.0	0.7
Linguistics	0.5	0.6	0.3	0.3	0.3	0.0	0.7
Political science/public administration	5.0	5.0	1.6	13.3	4.2	7.1	7.5
Sociology	1.9	1.7	1.3	5.6	5.6	2.4	1.4
Other	2.0	2.1	1.2	3.4	1.5	0.0	1.7
Engineering	20.9	19.2	34.3	20.7	20.5	11.9	22.3
Aerospace	0.9	0.9	0.8	0.3	1.5	0.0	1.4
Chemical	2.8	2.8	3.5	2.2	0.6	2.4	3.4
Civil	2.2	1.9	2.9	3.4	2.1	0.0	4.8
Electrical	5.3	4.5	11.1	6.5	5.6	2.4	4.5
Industrial	0.6	0.5	1.7	0.9	0.3	2.4	1.0
Materials	1.8	1.7	3.1	0.6	1.2	2.4	1.7
Mechanical	4.1	3.7	7.2	5.0	6.2	2.4	3.4
Other	3.2	3.2	4.1	1.9	3.0	0.0	2.1

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2001.