

TABLE F-12. S&E doctorates awarded to U.S. citizens and permanent residents, by sex, race/ethnicity, and field: 2003
(Percent distribution)

Sex and field	All U.S. citizens and permanent residents	White	Asian ^a	Black	Hispanic	American Indian/ Alaska Native	Other/ unknown race/ ethnicity ^b
Female (number)	6,801	5,117	636	376	362	38	272
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Science	93.6	94.1	87.4	95.2	93.6	94.7	94.9
Agricultural sciences	2.4	2.5	1.9	1.6	2.2	2.6	2.2
Biological sciences	28.1	28.3	39.2	17.0	21.8	21.1	23.5
Computer sciences	1.4	1.3	2.7	1.3	1.1	0.0	2.6
Earth, atmospheric, and ocean sciences	2.7	2.9	1.7	1.9	2.5	2.6	2.9
Atmospheric	0.3	0.3	0.5	0.5	0.0	0.0	0.4
Earth	1.1	1.3	0.2	0.5	0.3	0.0	1.8
Ocean	0.7	0.7	0.5	0.3	1.4	2.6	0.4
Other	0.6	0.6	0.6	0.5	0.8	0.0	0.4
Mathematics and statistics	2.2	2.1	3.8	1.3	1.9	2.6	1.8
Physical sciences	8.3	8.3	11.0	5.6	6.4	2.6	9.6
Astronomy	0.5	0.5	0.5	0.0	0.3	0.0	0.7
Chemistry	6.1	6.2	7.5	3.7	5.0	2.6	7.0
Physics	1.7	1.6	2.8	1.3	1.1	0.0	1.5
Other	0.1	0.1	0.2	0.5	0.0	0.0	0.4
Psychology	28.7	30.1	12.7	33.2	31.8	36.8	28.3
Social sciences	19.7	18.6	14.5	33.2	26.0	26.3	23.9
Anthropology	3.9	3.6	2.4	5.1	7.2	0.0	7.4
Area/ethnic studies	1.0	0.8	0.6	2.4	1.9	5.3	2.2
Economics	1.9	1.7	3.1	1.6	2.8	2.6	0.7
History of science	0.3	0.3	0.0	0.0	0.0	0.0	0.7
Linguistics	1.0	1.0	1.4	0.0	1.4	2.6	0.7
Political science/public administration	4.6	4.3	2.4	12.5	3.9	7.9	3.7
Sociology	4.4	4.1	2.2	8.8	6.6	0.0	5.9
Other	2.7	2.8	2.4	2.9	2.2	7.9	2.6
Engineering	6.4	5.9	12.6	4.8	6.4	5.3	5.1
Aerospace	0.2	0.2	0.3	0.0	0.0	0.0	0.4
Chemical	1.1	1.0	1.6	0.8	1.1	2.6	1.5
Civil	1.0	1.1	0.5	0.5	1.4	0.0	0.4
Electrical	0.9	0.5	4.7	0.8	1.1	0.0	1.1
Industrial	0.3	0.3	0.5	0.5	0.3	0.0	0.4
Materials	0.7	0.6	0.9	0.3	0.8	0.0	0.7
Mechanical	0.6	0.5	1.4	0.3	0.3	2.6	0.4
Other	1.7	1.7	2.7	1.6	1.4	0.0	0.4
Male (number)	8,866	6,872	868	285	376	34	431
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Science	80.5	81.7	70.2	80.0	78.7	73.5	84.9
Agricultural sciences	3.6	3.9	1.0	3.5	3.7	8.8	2.8
Biological sciences	24.1	23.4	31.6	15.4	25.5	8.8	25.8
Computer sciences	3.9	3.5	7.1	4.2	1.6	5.9	4.9
Earth, atmospheric, and ocean sciences	3.7	4.1	1.6	3.5	2.4	2.9	3.0
Atmospheric	0.6	0.7	0.5	0.4	0.0	0.0	0.5
Earth	2.0	2.3	1.0	0.7	0.8	2.9	2.3
Ocean	0.5	0.5	0.1	1.1	1.6	0.0	0.0
Other	0.5	0.6	0.0	1.4	0.0	0.0	0.2
Mathematics and statistics	4.1	4.3	3.1	3.9	2.4	2.9	4.4
Physical sciences	15.8	16.4	12.8	12.6	13.0	2.9	17.6
Astronomy	1.1	1.1	0.6	0.4	0.5	0.0	2.8
Chemistry	9.6	10.0	7.1	9.8	7.2	2.9	10.0
Physics	5.0	5.0	5.1	2.5	5.3	0.0	4.9
Other	0.2	0.2	0.0	0.0	0.0	0.0	0.0
Psychology	10.1	10.4	4.3	15.1	14.4	23.5	8.8

TABLE F-12. S&E doctorates awarded to U.S. citizens and permanent residents, by sex, race/ethnicity, and field: 2003
(Percent distribution)

Sex and field	All U.S. citizens and permanent residents	White	Asian ^a	Black	Hispanic	American Indian/ Alaska Native	Other/ unknown race/ ethnicity ^b
Social sciences	15.4	15.8	8.6	21.8	15.7	17.6	17.6
Anthropology	1.8	1.8	0.3	1.8	2.1	5.9	3.2
Area/ethnic studies	0.3	0.3	0.1	1.1	0.3	0.0	0.0
Economics	3.2	3.3	3.9	1.8	1.9	0.0	2.1
History of science	0.2	0.2	0.0	0.0	0.3	0.0	0.5
Linguistics	0.5	0.5	0.3	0.0	1.1	0.0	0.9
Political science/public administration	5.1	5.4	1.7	8.1	4.5	11.8	5.1
Sociology	2.1	2.0	0.9	4.9	4.3	0.0	3.2
Other	2.2	2.3	1.3	4.2	1.3	0.0	2.6
Engineering	19.5	18.3	29.8	20.0	21.3	26.5	15.1
Aerospace	0.8	0.8	0.6	0.4	1.1	0.0	0.2
Chemical	2.5	2.3	4.1	2.1	3.2	0.0	1.4
Civil	2.3	2.3	2.0	2.5	2.1	2.9	1.9
Electrical	4.8	3.9	11.4	5.6	5.1	14.7	4.6
Industrial	0.5	0.5	1.3	0.4	0.5	0.0	0.5
Materials	1.7	1.8	2.0	1.1	2.7	0.0	0.9
Mechanical	3.3	3.2	4.7	2.8	3.2	0.0	2.8
Other	3.5	3.4	3.8	5.3	3.5	8.8	2.8

^a Excludes Native Hawaiians/other Pacific Islanders per revised Office of Management and Budget guidelines.

^b This category includes Native Hawaiians and other Pacific Islanders and respondents choosing multiple races (excluding those selecting an Hispanic ethnicity).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, 2003.