

TABLE F-12. S&E doctorates awarded to U.S. citizens and permanent residents, by sex, race/ethnicity, and field: 2004
(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)	6,842	5,099	675	419	361	27	261
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Science	93.1	93.8	87.7	92.1	94.2	92.6	94.6
Agricultural sciences	3.3	3.3	3.4	2.6	3.0	7.4	3.4
Biological sciences	29.2	28.7	38.2	21.2	29.6	14.8	28.7
Computer sciences	1.5	1.4	2.8	1.2	0.8	0.0	1.5
Earth, atmospheric, and ocean sciences	2.4	2.8	0.6	0.2	1.4	0.0	5.0
Atmospheric sciences	0.4	0.4	0.3	0.0	0.0	0.0	0.4
Earth sciences	1.5	1.7	0.3	0.2	1.1	0.0	3.8
Ocean sciences	0.6	0.7	0.0	0.0	0.3	0.0	0.8
Mathematics and statistics	2.3	2.5	2.5	0.7	1.9	0.0	0.8
Physical sciences	7.5	7.6	7.9	6.0	6.6	3.7	6.5
Astronomy	0.5	0.5	0.4	0.0	0.6	0.0	0.8
Chemistry	5.6	5.6	6.2	4.8	5.8	0.0	5.0
Physics	1.3	1.4	1.2	1.2	0.3	3.7	0.8
Other	0.1	0.2	0.0	0.0	0.0	0.0	0.0
Psychology	27.7	27.7	18.8	36.8	31.9	33.3	29.5
Social sciences	19.4	19.8	13.5	23.4	18.8	33.3	19.2
Anthropology	3.7	3.8	2.2	2.9	6.4	7.4	3.4
Area/ethnic studies	1.0	0.9	0.4	1.9	1.9	3.7	2.7
Economics	1.9	1.9	2.4	1.7	0.6	0.0	1.5
History of science	0.2	0.2	0.1	0.0	0.0	0.0	0.4
Linguistics	1.3	1.3	1.6	0.5	1.9	0.0	0.8
Political science/public administration	4.1	4.2	3.0	7.2	1.9	3.7	2.7
Sociology	4.3	4.5	2.2	5.7	4.4	3.7	3.1
Other	3.0	3.1	1.5	3.6	1.7	14.8	4.6
Engineering	6.9	6.2	12.3	7.9	5.8	7.4	5.4
Aerospace engineering	0.1	0.1	0.1	0.0	0.0	0.0	0.8
Chemical engineering	1.2	0.9	2.7	1.7	1.1	3.7	0.8
Civil engineering	1.0	0.9	1.6	0.7	1.1	3.7	0.4
Electrical engineering	1.0	0.7	3.0	2.1	0.6	0.0	0.4
Industrial engineering	0.3	0.3	0.4	0.2	0.0	0.0	0.0
Materials engineering	0.5	0.5	1.0	0.7	0.3	0.0	0.4
Mechanical engineering	0.6	0.6	0.9	0.7	0.6	0.0	0.8
Other	2.1	2.1	2.5	1.7	2.2	0.0	1.9
Male (number)	8,875	6,919	816	327	354	34	425
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Science	80.7	82.3	66.8	81.3	81.1	88.2	80.2
Agricultural sciences	3.8	4.3	1.0	2.8	1.4	5.9	4.2
Biological sciences	24.7	24.9	28.2	18.0	23.7	29.4	20.0
Computer sciences	3.9	3.6	6.5	3.7	2.8	5.9	4.2
Earth, atmospheric, and ocean sciences	2.9	3.2	0.9	1.8	1.7	11.8	3.1
Atmospheric sciences	0.5	0.6	0.4	0.3	0.0	2.9	0.2
Earth sciences	1.9	2.0	0.5	1.2	1.7	8.8	2.8
Ocean sciences	0.5	0.6	0.0	0.3	0.0	0.0	0.0
Mathematics and statistics	4.0	3.9	4.5	2.1	5.4	0.0	4.7
Physical sciences	15.3	15.7	13.4	10.4	10.7	11.8	19.3
Astronomy	0.9	1.0	0.6	0.0	1.1	0.0	1.4
Chemistry	9.0	9.2	8.3	8.0	6.2	11.8	10.1
Physics	5.3	5.5	4.4	2.4	3.4	0.0	7.8
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0

TABLE F-12. S&E doctorates awarded to U.S. citizens and permanent residents, by sex, race/ethnicity, and field: 2004
(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
Psychology	10.1	10.6	3.2	15.3	15.5	11.8	7.1
Social sciences	16.1	16.1	9.2	27.2	19.8	11.8	17.6
Anthropology	2.4	2.5	1.0	1.5	4.0	0.0	4.5
Area/ethnic studies	0.6	0.4	0.2	1.2	1.4	5.9	1.2
Economics	3.1	3.0	3.2	4.9	2.5	0.0	2.6
History of science	0.3	0.3	0.1	0.3	0.6	0.0	0.7
Linguistics	0.6	0.6	0.4	0.3	0.6	0.0	0.7
Political science/public administration	5.1	5.2	2.2	10.4	6.8	2.9	3.5
Sociology	2.0	1.9	1.6	4.0	3.1	2.9	1.4
Other	2.0	2.1	0.5	4.6	0.8	0.0	3.1
Engineering	19.3	17.7	33.2	18.7	18.9	11.8	19.8
Aerospace engineering	0.8	0.8	1.0	0.3	0.8	0.0	0.5
Chemical engineering	2.6	2.4	4.9	0.9	2.3	2.9	2.8
Civil engineering	1.8	1.6	2.9	1.2	4.5	5.9	0.7
Electrical engineering	4.8	4.0	10.9	7.3	3.7	2.9	6.4
Industrial engineering	0.6	0.6	0.9	0.6	0.8	0.0	1.2
Materials engineering	1.9	2.0	2.8	0.9	1.7	0.0	1.4
Mechanical engineering	2.9	2.6	5.0	4.6	2.3	0.0	2.8
Other	3.8	3.8	4.8	2.8	2.8	0.0	4.0

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

^b This category includes Native Hawaiians/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, 2004.