

TABLE F-12. S&E doctorates awarded to U.S. citizens and permanent residents, by sex, race/ethnicity, and field: 2005
(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)	7,138	5,319	745	395	406	32	241
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Science	93.3	94.5	86.6	93.4	92.9	96.9	88.8
Agricultural sciences	3.1	3.4	1.7	3.0	2.5	6.3	2.5
Biological sciences	30.4	30.2	38.1	25.3	27.8	18.8	24.1
Computer sciences	1.5	1.1	3.6	2.0	0.7	0.0	2.5
Earth, atmospheric, and ocean sciences	2.3	2.6	1.2	0.3	2.0	9.4	2.1
Atmospheric sciences	0.4	0.5	0.1	0.0	0.5	0.0	0.0
Earth sciences	1.3	1.4	0.7	0.3	1.0	9.4	1.7
Ocean sciences	0.6	0.7	0.4	0.0	0.5	0.0	0.4
Mathematics and statistics	2.1	2.0	3.8	1.8	1.5	0.0	1.7
Physical sciences	7.9	8.1	8.9	4.3	7.9	0.0	7.1
Astronomy	0.5	0.5	0.3	0.0	0.5	0.0	0.8
Chemistry	6.2	6.4	6.8	3.8	7.1	0.0	5.0
Physics	1.1	1.2	1.7	0.5	0.2	0.0	1.2
Psychology	27.9	29.2	14.1	31.9	31.0	28.1	29.9
Social sciences	18.2	17.8	15.2	24.8	19.5	34.4	19.1
Anthropology	3.3	3.4	2.3	4.1	2.5	6.3	2.9
Area/ethnic studies	0.7	0.6	0.3	1.5	2.2	3.1	1.2
Economics	1.9	1.8	3.6	0.8	2.5	0.0	1.2
History of science	0.2	0.2	0.1	0.0	0.5	0.0	0.4
Linguistics	1.1	1.2	1.3	0.3	0.7	0.0	1.2
Political science/public administration	4.5	4.7	2.4	7.6	3.2	6.3	5.4
Sociology	3.8	3.6	3.2	6.3	5.4	9.4	3.3
Other	2.5	2.4	1.9	4.3	2.5	9.4	3.3
Engineering	6.7	5.5	13.4	6.6	7.1	3.1	11.2
Aerospace engineering	0.2	0.2	0.0	0.0	0.2	0.0	0.8
Chemical engineering	1.2	0.9	2.0	1.8	1.7	0.0	2.1
Civil engineering	1.1	1.0	1.7	1.5	0.5	0.0	1.2
Electrical engineering	1.1	0.8	3.1	1.5	0.5	0.0	3.3
Industrial engineering	0.2	0.2	0.3	0.3	0.2	0.0	0.4
Materials engineering	0.7	0.6	1.3	0.0	1.7	0.0	0.8
Mechanical engineering	0.6	0.5	0.9	0.0	1.5	3.1	0.4
Other	1.6	1.3	4.0	1.5	0.7	0.0	2.1
Male (number)	8,884	6,954	887	310	393	35	305
S&E	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Science	79.7	81.2	65.6	76.1	84.7	77.1	83.9
Agricultural sciences	3.7	4.4	1.0	1.3	2.0	2.9	2.0
Biological sciences	25.1	24.9	28.3	18.7	29.0	17.1	22.3
Computer sciences	4.1	3.8	7.3	2.3	2.3	2.9	6.6
Earth, atmospheric, and ocean sciences	3.1	3.5	1.0	1.6	2.5	2.9	2.3
Atmospheric sciences	0.7	0.7	0.2	1.0	0.3	2.9	0.0
Earth sciences	1.8	2.1	0.8	0.3	1.3	0.0	2.0
Ocean sciences	0.6	0.7	0.0	0.3	1.0	0.0	0.3
Mathematics and statistics	4.4	4.4	4.3	4.8	4.6	0.0	3.9
Physical sciences	15.1	15.4	14.7	12.3	10.7	11.4	17.4
Astronomy	1.0	1.0	0.6	0.6	0.3	0.0	2.0
Chemistry	8.6	8.9	8.3	8.4	6.6	5.7	7.2
Physics	5.5	5.5	5.7	3.2	3.8	5.7	8.2
Psychology	10.1	10.6	2.9	12.3	15.8	17.1	11.5

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(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	14.0	14.2	6.1	22.9	17.8	22.9	18.0
Anthropology	1.8	1.8	0.6	2.3	2.3	2.9	3.9
Area/ethnic studies	0.5	0.5	0.3	1.6	0.5	2.9	0.7
Economics	2.8	2.8	1.8	2.3	4.3	2.9	3.0
History of science	0.2	0.3	0.1	0.3	0.0	0.0	0.3
Linguistics	0.4	0.4	0.1	0.0	0.3	0.0	1.0
Political science/public administration	4.5	4.7	1.7	8.4	5.6	5.7	3.3
Sociology	1.7	1.6	0.7	5.2	3.1	2.9	2.0
Other	2.1	2.2	0.8	2.9	1.8	5.7	3.9
Engineering	20.3	18.8	34.4	23.9	15.3	22.9	16.1
Aerospace engineering	1.0	0.9	1.0	0.6	1.3	2.9	1.3
Chemical engineering	2.8	2.7	3.5	2.3	3.6	0.0	2.6
Civil engineering	1.9	2.0	2.3	1.0	2.3	0.0	1.6
Electrical engineering	5.5	4.5	13.6	8.1	3.3	8.6	3.9
Industrial engineering	0.7	0.5	1.5	2.3	0.3	0.0	0.3
Materials engineering	1.6	1.7	2.0	1.6	0.8	0.0	0.3
Mechanical engineering	3.2	3.0	4.8	3.5	1.8	8.6	2.3
Other	3.7	3.5	5.6	4.5	2.0	2.9	3.6

^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, 2005.