

TABLE C-7. Racial/ethnic distribution of S&E bachelor's degrees awarded to U.S. citizens and permanent residents, by field: 1997–2006  
(Percent)

Field and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
<b>White</b>									
All fields	76.5	75.6	73.7	72.9	72.2	71.4	70.7	70.2	69.7
S&E	73.5	72.5	70.5	69.7	69.2	68.6	67.8	67.3	67.2
Sciences	73.7	72.6	70.4	69.5	69.0	68.3	67.5	67.1	67.0
Agricultural sciences	89.1	88.4	87.0	86.8	86.1	85.7	85.5	85.2	84.5
Biological sciences	71.3	69.9	69.1	68.1	68.5	67.6	67.3	66.3	65.6
Computer sciences	67.8	66.8	62.9	61.5	60.8	59.0	57.8	59.1	60.7
Earth, atmospheric, and ocean sciences	90.8	89.7	89.0	87.7	87.9	88.4	86.6	86.8	85.9
Atmospheric sciences	92.9	94.8	90.7	87.0	90.0	89.0	89.3	89.5	88.7
Earth sciences	91.0	89.3	89.0	87.8	88.1	88.5	86.1	86.4	85.4
Ocean sciences	84.3	85.7	85.5	86.4	80.1	83.6	87.4	80.9	82.8
Mathematics and statistics	77.4	76.5	74.6	74.1	74.1	73.2	73.7	72.2	72.2
Physical sciences	74.5	73.3	71.9	72.1	72.0	73.0	72.0	71.7	70.5
Astronomy	84.8	80.9	84.0	81.5	78.5	82.8	78.0	75.2	76.2
Chemistry	71.6	70.3	68.7	68.6	68.8	69.7	68.7	69.1	67.4
Physics	81.5	80.9	79.4	80.2	78.7	79.1	78.9	77.4	77.1
Other	83.6	81.0	81.1	80.7	78.3	80.8	74.6	73.1	73.7
Psychology	75.1	74.0	71.4	70.7	70.2	70.3	69.7	68.7	68.4
Social sciences	71.9	70.8	68.9	68.1	67.7	67.1	66.3	65.3	65.1
Anthropology	79.3	79.3	77.5	77.0	75.9	75.1	73.1	73.2	72.5
Area and ethnic studies	59.8	56.7	54.1	54.5	54.1	52.8	52.3	50.2	49.6
Economics	72.0	70.5	68.3	66.9	67.1	65.5	64.4	64.1	63.9
History of science	77.4	86.8	63.7	58.2	59.4	68.0	71.4	74.1	75.5
Linguistics	73.1	68.4	69.9	73.4	75.0	71.8	67.0	65.3	68.4
Political science and public administration	72.8	72.2	70.8	70.3	69.9	69.6	68.8	67.5	67.4
Sociology	68.1	66.9	65.2	64.2	63.3	63.0	62.5	61.1	60.3
Other	75.4	74.7	72.1	71.2	70.4	69.8	69.1	68.5	68.9
Engineering	72.4	72.1	71.0	70.7	70.5	70.3	69.6	68.7	68.6
Aerospace engineering	74.8	79.0	78.4	78.4	78.7	77.9	76.0	77.9	76.9
Chemical engineering	72.3	70.9	70.3	71.7	72.3	72.2	72.3	71.5	69.8
Civil engineering	77.5	77.0	76.6	77.5	77.7	78.0	77.2	76.0	75.3
Electrical engineering	63.8	63.3	61.3	59.8	58.3	58.7	57.3	56.9	56.6
Industrial engineering	64.6	66.6	69.0	69.7	68.7	67.6	68.7	66.5	66.8
Materials engineering	78.6	78.0	79.3	79.7	78.8	76.3	73.4	73.1	69.9
Mechanical engineering	76.9	76.8	76.8	76.8	77.8	78.2	78.2	76.9	76.3
Other	76.6	76.3	74.9	74.7	74.8	73.4	72.6	70.7	68.7
Non-S&E	77.9	77.1	75.2	74.4	73.6	72.8	72.0	71.5	70.9
<b>Asian/Pacific Islander</b>									
All fields	5.9	6.0	6.2	6.2	6.3	6.3	6.3	6.5	6.7
S&E	8.7	9.0	9.3	9.5	9.4	9.4	9.4	9.6	9.7
Sciences	8.1	8.4	8.7	8.9	8.8	8.9	8.9	9.0	9.1
Agricultural sciences	2.3	2.5	2.5	2.3	2.4	2.6	2.5	2.6	3.2
Biological sciences	13.4	13.5	12.6	12.4	12.0	11.9	12.3	13.4	14.2
Computer sciences	12.0	12.6	15.7	15.9	15.9	15.6	14.2	13.0	11.0
Earth, atmospheric, and ocean sciences	2.2	2.2	2.4	2.2	2.2	1.9	2.2	2.2	2.4
Atmospheric sciences	1.7	1.1	2.9	3.1	1.5	1.6	1.9	2.2	2.1

TABLE C-7. Racial/ethnic distribution of S&E bachelor's degrees awarded to U.S. citizens and permanent residents, by field: 1997–2006  
(Percent)

Field and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Earth sciences	2.0	2.1	2.3	1.9	2.0	1.8	2.1	2.2	2.4
Ocean sciences	5.6	5.2	3.6	4.5	5.4	4.5	5.7	1.5	5.1
Mathematics and statistics	7.0	7.2	7.9	8.3	8.5	9.4	9.5	10.1	10.0
Physical sciences	10.4	10.8	10.4	9.9	9.0	8.4	9.0	9.2	10.4
Astronomy	5.3	7.6	5.8	5.3	9.2	6.3	6.4	6.8	10.5
Chemistry	12.2	12.7	12.0	11.9	10.7	9.9	10.7	10.7	12.2
Physics	6.3	6.3	6.8	5.6	5.3	5.4	5.6	5.9	6.5
Other	4.3	3.6	4.2	3.6	5.0	5.1	6.3	7.0	6.2
Psychology	5.5	5.8	5.7	5.7	5.6	5.2	5.4	5.7	6.1
Social sciences	6.7	7.2	7.5	7.8	7.8	8.0	8.3	8.5	8.5
Anthropology	5.5	5.9	4.9	4.9	5.3	5.3	5.3	5.6	6.2
Area and ethnic studies	11.3	12.8	13.6	13.2	12.1	12.0	12.5	13.6	12.9
Economics	13.6	14.8	15.7	16.6	16.2	17.0	17.6	17.4	17.3
History of science	12.9	7.9	13.2	15.3	19.8	16.0	10.0	9.5	8.2
Linguistics	12.6	14.7	11.2	10.1	9.4	10.0	10.8	11.5	9.9
Political science and public administration	5.7	6.0	5.9	6.3	6.2	6.2	6.3	6.5	6.7
Sociology	5.0	4.9	5.2	5.2	5.3	5.3	6.0	6.6	6.8
Other	4.0	4.2	4.6	5.0	4.8	5.1	5.3	5.6	5.6
Engineering	12.3	12.4	12.5	12.8	12.6	12.5	12.7	13.4	13.5
Aerospace engineering	10.2	8.6	8.6	7.6	7.9	7.8	8.7	8.3	8.6
Chemical engineering	13.6	14.4	13.6	12.4	11.6	10.9	10.9	10.9	12.6
Civil engineering	8.8	8.3	7.1	6.1	5.7	5.5	5.4	6.2	7.5
Electrical engineering	18.3	19.0	19.8	21.3	22.1	21.2	21.4	22.5	21.7
Industrial engineering	12.4	10.5	9.6	9.5	10.1	10.9	11.0	9.9	10.5
Materials engineering	8.1	12.2	9.7	9.9	9.4	9.9	11.4	11.7	17.3
Mechanical engineering	8.8	9.0	8.1	8.0	7.0	7.0	6.7	7.6	8.0
Other	11.8	11.3	11.8	12.6	11.8	12.0	13.4	15.1	16.3
Non-S&E	4.5	4.6	4.8	4.7	4.8	4.8	4.8	5.0	5.2
Black									
All fields	8.0	8.3	8.6	8.8	8.8	8.9	9.0	9.0	9.1
S&E	8.0	8.2	8.6	8.7	8.7	8.7	8.8	8.8	8.7
Sciences	8.5	8.7	9.1	9.2	9.3	9.2	9.3	9.3	9.2
Agricultural sciences	2.1	2.3	2.5	2.5	2.7	2.6	2.7	2.6	2.8
Biological sciences	6.5	6.9	7.5	7.7	7.7	7.9	8.0	7.7	7.6
Computer sciences	10.4	10.4	10.1	10.8	10.9	11.4	11.3	11.4	11.6
Earth, atmospheric, and ocean sciences	1.3	1.7	1.3	1.4	1.6	1.5	1.7	1.8	1.5
Atmospheric sciences	1.9	1.6	2.1	0.4	1.9	2.2	3.5	1.2	2.1
Earth sciences	1.1	1.7	1.2	1.6	1.3	1.3	1.4	1.8	1.4
Ocean sciences	4.0	1.4	0.5	1.1	4.5	3.7	1.3	4.6	1.0
Mathematics and statistics	8.3	8.3	8.0	7.3	7.1	6.4	6.0	6.1	5.8
Physical sciences	7.2	7.2	7.8	7.3	7.6	6.8	7.0	6.7	6.6
Astronomy	0.0	1.3	0.6	0.9	1.2	0.4	1.1	1.3	2.5
Chemistry	8.2	7.9	8.8	8.7	8.7	8.3	8.4	8.0	7.9
Physics	4.6	5.5	4.7	4.1	5.2	3.9	4.2	4.1	3.9
Other	5.6	6.9	7.6	5.5	5.9	6.2	7.4	7.0	6.2
Psychology	9.0	9.3	10.3	10.4	10.2	10.3	10.5	10.8	10.5

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(Percent)

Field and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Social sciences	10.3	10.4	10.5	10.5	10.5	10.1	10.1	10.2	10.3
Anthropology	3.3	3.4	3.9	3.6	3.6	3.5	4.5	4.2	4.2
Area and ethnic studies	12.9	13.1	13.6	12.8	13.8	13.4	13.2	14.0	14.9
Economics	5.8	5.9	5.9	5.9	6.1	6.1	6.2	6.0	6.1
History of science	6.5	0.0	6.6	6.1	4.0	6.0	5.7	4.3	3.6
Linguistics	1.6	3.6	2.2	3.5	3.2	2.0	3.3	3.4	3.9
Political science and public administration	10.2	10.3	10.2	10.0	10.0	9.5	9.6	9.7	9.7
Sociology	15.7	16.0	16.1	16.7	16.7	16.3	15.8	16.1	16.4
Other	9.1	9.3	9.8	9.6	10.0	9.6	9.7	9.7	9.1
Engineering	5.3	5.4	5.6	5.3	5.3	5.2	5.3	5.2	5.0
Aerospace engineering	4.3	3.2	3.5	2.9	2.6	3.5	3.3	3.2	3.3
Chemical engineering	5.8	6.2	6.6	6.6	6.3	6.1	6.3	6.1	5.2
Civil engineering	3.5	3.6	4.4	3.9	3.7	3.2	3.5	3.6	3.1
Electrical engineering	7.3	7.2	6.6	6.5	6.4	6.9	7.3	6.9	7.1
Industrial engineering	7.0	7.5	7.4	7.1	7.2	7.7	7.3	8.4	7.9
Materials engineering	1.9	3.3	2.6	3.0	3.5	2.4	2.6	2.2	2.9
Mechanical engineering	5.0	4.4	4.8	4.1	4.4	3.5	3.7	3.8	3.7
Other	4.3	4.8	4.9	4.6	5.0	5.1	5.0	4.5	5.0
Non-S&E	8.0	8.3	8.6	8.8	8.8	9.0	9.1	9.1	9.3
Hispanic									
All fields	6.5	6.7	7.3	7.4	7.5	7.6	7.7	7.9	8.1
S&E	6.5	6.8	7.3	7.4	7.5	7.6	7.6	7.9	8.0
Sciences	6.4	6.8	7.3	7.4	7.5	7.7	7.7	7.9	8.0
Agricultural sciences	3.3	3.6	3.5	3.5	3.9	3.9	4.0	4.2	3.8
Biological sciences	6.0	6.5	7.0	7.5	7.2	7.8	7.3	7.3	7.2
Computer sciences	5.7	5.8	6.2	5.9	6.0	6.7	6.7	6.8	7.2
Earth, atmospheric, and ocean sciences	2.6	2.8	3.2	4.0	3.5	3.1	3.4	3.9	3.6
Atmospheric sciences	1.9	1.8	1.9	3.3	1.9	1.8	2.3	3.0	3.0
Earth sciences	2.7	2.7	3.2	4.0	3.4	3.2	3.6	3.9	3.8
Ocean sciences	2.5	5.7	6.7	6.8	7.7	4.5	3.8	7.6	3.0
Mathematics and statistics	4.6	5.2	5.3	5.7	5.7	5.5	5.2	5.8	6.0
Physical sciences	5.0	5.4	6.3	6.4	6.4	6.3	6.5	6.5	6.3
Astronomy	3.0	7.0	4.5	7.0	3.8	4.7	8.2	5.5	3.4
Chemistry	5.6	6.1	7.2	7.1	7.3	7.4	7.3	7.4	7.1
Physics	3.7	3.6	3.9	4.6	4.5	4.4	4.7	4.6	4.8
Other	3.0	3.7	5.0	5.5	5.0	2.7	5.4	6.8	6.0
Psychology	7.2	7.5	8.3	8.5	8.8	8.8	8.9	9.1	9.4
Social sciences	7.4	7.6	8.1	8.1	8.4	8.4	8.4	8.8	8.9
Anthropology	6.8	5.8	6.7	6.9	7.0	7.2	7.6	7.6	7.6
Area and ethnic studies	11.3	12.9	12.1	12.0	12.1	12.8	12.4	12.8	13.6
Economics	5.2	5.2	5.5	5.6	5.4	5.4	5.7	5.9	6.3
History of science	3.2	5.3	3.3	5.1	6.9	4.0	5.0	5.2	4.5
Linguistics	4.9	6.7	6.5	6.6	5.0	5.7	7.3	7.0	7.1
Political science and public administration	7.9	8.0	8.4	8.2	8.4	8.4	8.4	9.1	8.7
Sociology	7.8	8.5	9.1	9.1	9.8	9.9	10.0	10.2	10.5
Other	7.0	7.3	8.3	8.4	9.2	9.1	8.8	8.8	9.1

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(Percent)

Field and race/ethnicity	1997	1998	2000	2001	2002	2003	2004	2005	2006
Engineering	7.2	7.3	7.4	7.3	7.3	7.3	7.4	7.5	7.7
Aerospace engineering	8.0	7.0	5.8	6.8	6.0	5.9	5.6	6.3	5.9
Chemical engineering	5.9	6.3	6.6	6.0	6.4	6.2	6.5	7.4	7.8
Civil engineering	7.6	8.4	8.3	8.7	8.9	8.8	9.2	9.4	9.2
Electrical engineering	7.7	7.4	8.1	7.9	8.2	7.6	8.1	8.0	8.6
Industrial engineering	12.8	12.8	11.3	10.6	10.5	10.3	9.7	10.3	11.2
Materials engineering	8.6	4.3	4.1	3.8	3.7	5.4	6.2	6.8	6.0
Mechanical engineering	6.5	6.9	6.9	7.1	6.5	7.1	6.8	6.7	6.8
Other	4.4	4.8	4.8	4.4	4.5	4.9	4.7	4.7	4.9
Non-S&E	6.5	6.7	7.3	7.4	7.5	7.6	7.7	7.9	8.1
American Indian/Alaska Native									
All fields	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7
S&E	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
Sciences	0.6	0.7	0.7	0.8	0.7	0.7	0.8	0.7	0.7
Agricultural sciences	0.9	0.9	1.1	1.2	0.9	0.9	1.1	1.0	1.1
Biological sciences	0.5	0.6	0.6	0.7	0.7	0.6	0.7	0.8	0.7
Computer sciences	0.4	0.4	0.5	0.7	0.5	0.5	0.8	0.5	0.6
Earth, atmospheric, and ocean sciences	0.7	0.6	1.1	0.9	0.7	0.6	0.8	0.6	0.9
Atmospheric sciences	0.2	0.0	0.8	1.1	0.2	0.7	0.2	0.1	0.2
Earth sciences	0.7	0.7	1.1	0.9	0.7	0.6	1.0	0.7	1.1
Ocean sciences	2.0	0.0	2.1	0.6	0.9	1.5	0.0	0.8	0.0
Mathematics and statistics	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4
Physical sciences	0.5	0.6	0.5	0.5	0.6	0.7	0.6	0.7	0.7
Astronomy	0.0	0.0	1.3	0.9	0.8	1.6	0.4	1.0	0.3
Chemistry	0.5	0.6	0.5	0.5	0.6	0.8	0.6	0.7	0.7
Physics	0.3	0.4	0.4	0.6	0.6	0.5	0.5	0.8	0.6
Other	0.5	0.4	0.3	0.8	0.5	0.3	1.1	0.4	0.8
Psychology	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.7
Social sciences	0.7	0.7	0.8	0.8	0.7	0.8	0.8	0.8	0.9
Anthropology	1.3	1.2	1.3	1.4	1.2	1.5	1.4	1.3	1.4
Area and ethnic studies	1.2	1.4	1.5	2.0	2.1	2.3	2.4	2.1	1.9
Economics	0.4	0.4	0.4	0.4	0.3	0.4	0.5	0.4	0.5
History of science	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0
Linguistics	1.0	1.7	1.6	0.3	0.3	1.1	0.4	1.2	0.6
Political science and public administration	0.7	0.6	0.7	0.7	0.6	0.7	0.8	0.7	0.8
Sociology	0.8	0.8	0.9	0.9	0.7	0.9	0.9	0.9	1.0
Other	0.7	0.8	0.8	0.9	0.7	0.8	0.8	0.9	0.9
Engineering	0.5	0.5	0.6	0.5	0.5	0.5	0.6	0.6	0.6
Aerospace engineering	0.3	0.9	0.6	0.6	1.0	0.5	1.1	0.7	0.5
Chemical engineering	0.5	0.5	0.7	0.5	0.6	0.7	0.6	0.7	0.6
Civil engineering	0.6	0.6	0.9	0.8	0.8	0.7	0.7	0.8	0.7
Electrical engineering	0.3	0.4	0.5	0.3	0.4	0.5	0.5	0.4	0.4
Industrial engineering	0.5	0.4	0.7	0.5	0.6	0.3	0.4	0.8	0.5
Materials engineering	0.6	0.3	0.5	0.5	0.7	0.3	0.7	0.6	0.8
Mechanical engineering	0.3	0.4	0.4	0.4	0.5	0.4	0.5	0.5	0.6
Other	0.6	0.5	0.5	0.4	0.5	0.5	0.5	0.6	0.6
Non-S&E	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7

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Other or unknown race/ethnicity									
All fields	2.5	2.7	3.5	4.0	4.6	5.1	5.6	5.7	5.7
S&E	2.6	2.8	3.6	4.1	4.5	5.1	5.6	5.7	5.7
Sciences	2.7	2.9	3.8	4.2	4.7	5.2	5.8	5.9	5.9
Agricultural sciences	2.3	2.4	3.4	3.6	4.0	4.2	4.3	4.3	4.6
Biological sciences	2.3	2.5	3.2	3.6	4.0	4.2	4.4	4.6	4.7
Computer sciences	3.7	3.9	4.5	5.2	5.8	6.8	9.2	9.1	9.0
Earth, atmospheric, and ocean sciences	2.4	3.1	3.0	3.8	4.2	4.5	5.3	4.7	5.7
Atmospheric sciences	1.4	0.7	1.7	5.1	4.4	4.7	2.8	3.9	3.8
Earth sciences	2.6	3.5	3.3	3.8	4.4	4.5	5.9	4.9	6.0
Ocean sciences	1.5	1.9	1.6	0.6	1.4	2.2	1.9	4.6	8.1
Mathematics and statistics	2.2	2.3	3.5	4.1	4.2	5.0	5.1	5.3	5.6
Physical sciences	2.4	2.7	3.2	3.7	4.4	4.7	4.9	5.2	5.5
Astronomy	6.8	3.2	3.8	4.4	6.5	4.3	6.0	10.3	7.1
Chemistry	1.9	2.4	2.8	3.3	3.7	3.9	4.3	4.1	4.7
Physics	3.5	3.3	4.7	5.0	5.7	6.7	6.1	7.2	7.2
Other	3.0	4.5	1.9	3.9	5.3	4.8	5.2	5.8	7.0
Psychology	2.5	2.6	3.5	3.9	4.5	4.7	4.8	5.0	5.0
Social sciences	2.9	3.2	4.2	4.6	4.9	5.6	6.1	6.4	6.3
Anthropology	3.8	4.3	5.8	6.3	7.0	7.5	8.2	8.1	8.0
Area and ethnic studies	3.4	3.0	5.2	5.5	5.8	6.7	7.2	7.3	7.1
Economics	2.9	3.2	4.2	4.7	4.8	5.5	5.7	6.2	5.9
History of science	0.0	0.0	12.1	15.3	9.9	6.0	7.9	6.9	8.2
Linguistics	6.7	4.8	8.7	6.0	7.2	9.4	11.2	11.7	10.0
Political science and public administration	2.6	2.9	4.0	4.5	4.8	5.6	6.2	6.6	6.8
Sociology	2.5	2.8	3.4	3.9	4.3	4.6	4.9	5.2	5.0
Other	3.7	3.6	4.4	4.8	4.9	5.6	6.3	6.5	6.3
Engineering	2.3	2.3	2.9	3.4	3.7	4.2	4.4	4.6	4.6
Aerospace engineering	2.4	1.3	3.1	3.7	3.8	4.3	5.4	3.6	4.8
Chemical engineering	1.9	1.7	2.1	2.8	2.8	4.0	3.4	3.4	3.9
Civil engineering	2.0	2.2	2.6	3.1	3.2	3.6	4.0	4.1	4.2
Electrical engineering	2.5	2.7	3.6	4.1	4.5	5.0	5.3	5.4	5.6
Industrial engineering	2.7	2.1	2.0	2.5	2.9	3.1	2.9	4.2	3.1
Materials engineering	2.2	1.8	3.9	3.0	4.0	5.7	5.6	5.7	3.0
Mechanical engineering	2.5	2.6	2.9	3.5	3.8	3.8	4.1	4.5	4.6
Other	2.3	2.3	3.0	3.3	3.4	4.0	3.8	4.5	4.4
Non-S&E	2.4	2.6	3.5	4.0	4.6	5.1	5.6	5.7	5.8

NOTES: Race/ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial/ethnic groups. Data not available for 1999.

SOURCE: National Science Foundation, Division of Science Resources Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, 1997–2006.