

**Table 806. Science and Engineering (S&E) Degrees Awarded by Degree Level and Sex of Recipient: 1990 to 2008**

[For a description of science and engineering degree categories, see source, Appendix B, <[http://www.nsf.gov/statistics/nsf07307/content.cfm?pub\\_id=3634&id=4](http://www.nsf.gov/statistics/nsf07307/content.cfm?pub_id=3634&id=4)>]

Academic year ending	Bachelor's degree				Master's degree				Doctoral degree			
	Total S&E	Men	Women	Percent women	Total S&E	Men	Women	Percent women	Total S&E	Men	Women	Percent women
1990.....	329,094	189,082	140,012	42.5	77,788	51,230	26,558	34.1	22,867	16,498	6,369	27.9
2000.....	400,059	198,060	201,999	50.5	95,194	53,616	41,578	43.7	25,912	16,518	9,394	36.2
2005.....	499,133	246,356	252,777	50.6	121,180	67,067	54,113	44.7	27,941	17,404	10,537	37.7
2006.....	507,175	250,017	257,158	50.7	120,733	66,042	54,691	45.3	29,836	18,367	11,469	38.4
2007.....	514,509	253,934	260,575	50.6	119,685	64,695	54,990	45.9	31,768	19,509	12,259	38.5
2008.....	524,420	258,781	265,639	50.7	125,803	68,352	57,451	45.7	32,804	19,845	12,959	39.5

Source: U.S. National Science Foundation, *Science and Engineering Degrees: 1966–2006*, NSF-08-321, 2008, and unpublished data. See also <<http://www.nsf.gov/statistics/degrees/>>.

**Table 807. Science and Engineering (S&E) Degrees as Share of Higher Education Degrees Conferred by State: 2007**

[S&E degrees include physical, computer, agricultural, biological, earth, atmospheric, ocean, and social sciences; psychology; mathematics; and engineering]

State	S&E degrees conferred <sup>1</sup>	All higher education degrees <sup>1</sup>	S&E higher education degrees (percent)	State	S&E degrees conferred <sup>1</sup>	All higher education degrees <sup>1</sup>	S&E higher education degrees (percent)	State	S&E degrees conferred <sup>1</sup>	All higher education degrees <sup>1</sup>	S&E higher education degrees (percent)
<b>U.S. ....</b>	<b>685,914</b>	<b>2,138,003</b>	<b>32.1</b>								
AL.....	9,920	32,207	30.8	KY.....	7,218	27,152	26.6	ND.....	1,731	7,042	24.6
AK.....	750	2,261	33.2	LA.....	7,767	28,224	27.5	OH.....	24,410	82,584	29.6
AZ.....	13,463	74,778	18.0	ME.....	2,733	8,532	32.0	OK.....	7,442	24,244	30.7
AR.....	3,440	14,835	23.2	MD.....	16,932	41,936	40.4	OR.....	8,387	23,655	35.5
CA.....	89,947	204,838	43.9	MA.....	26,363	78,421	33.6	PA.....	35,314	113,396	31.1
CO.....	13,729	35,981	38.2	MI.....	23,006	75,304	30.6	RI.....	3,875	12,724	30.5
CT.....	9,052	27,781	32.6	MN.....	12,571	45,085	27.9	SC.....	7,649	25,841	29.6
DE.....	2,325	7,642	30.4	MS.....	4,294	16,438	26.1	SD.....	2,204	6,386	34.5
DC.....	8,287	20,489	40.4	MO.....	13,515	53,828	25.1	TN.....	9,272	36,576	25.3
FL.....	27,510	91,561	30.0	MT.....	2,450	6,509	37.6	TX.....	40,387	130,830	30.9
GA.....	16,566	49,495	33.5	NE.....	4,115	15,765	26.1	UT.....	8,787	23,993	36.6
HI.....	2,511	7,330	34.3	NV.....	2,267	7,279	31.1	VT.....	2,880	7,042	40.9
ID.....	2,859	9,614	29.7	NH.....	3,725	11,207	33.2	VA.....	20,679	53,981	38.3
IL.....	30,055	101,537	29.6	NJ.....	16,851	46,676	36.1	WA.....	14,206	37,541	37.4
IN.....	14,442	51,564	28.0	NM.....	3,302	9,748	33.9	WV.....	3,239	13,707	23.6
IA.....	7,893	25,698	30.7	NY.....	55,360	185,736	29.8	WI.....	13,691	41,842	32.7
KS.....	6,552	23,943	27.4	NC.....	19,022	55,071	34.5	WY.....	1,149	2,154	53.3

<sup>1</sup> Includes bachelor's, master's, and doctorate degrees.

Source: National Science Foundation, *Science and Engineering Indicators, 2010*, January 2010. See also <<http://www.nsf.gov/statistics/seind10/>>.

**Table 808. Doctorates Conferred by Characteristics of Recipients: 2000 and 2008**

[In percent, except as indicated. Based on the Survey of Earned Doctorate Awards. For description of methodology, see source]

Characteristic	2000, total <sup>1</sup>	2008									
		All fields <sup>1</sup>	Engineering	Physical sciences <sup>2</sup>	Earth sciences	Mathematics	Computer sciences	Biological sciences <sup>3</sup>	Agricultural	Social sciences <sup>4</sup>	Psychology
<b>Total conferred (number)....</b>	<b>41,365</b>	<b>48,802</b>	<b>7,862</b>	<b>4,081</b>	<b>862</b>	<b>1,400</b>	<b>1,786</b>	<b>7,793</b>	<b>1,090</b>	<b>4,592</b>	<b>3,361</b>
Male.....	56.0	53.8	78.4	72.5	63.5	69.0	77.6	49.5	57.8	51.0	29.7
Female.....	43.8	46.1	21.5	27.5	36.4	30.9	22.4	50.4	42.2	49.0	70.3
<b>RACE/ETHNICITY<sup>5</sup></b>											
<b>Total conferred (number)....</b>	<b>29,936</b>	<b>30,791</b>	<b>2,948</b>	<b>2,132</b>	<b>533</b>	<b>667</b>	<b>695</b>	<b>5,135</b>	<b>602</b>	<b>2,889</b>	<b>2,886</b>
White <sup>6</sup> .....	79.2	75.4	70.9	78.4	88.0	78.3	72.7	74.4	81.2	74.8	75.0
Black <sup>6</sup> .....	5.8	6.6	3.8	3.0	1.7	4.5	3.7	3.7	4.7	6.9	5.7
Asian/Pacific <sup>6</sup> .....	7.6	8.3	16.7	10.1	4.7	9.0	16.8	11.7	6.1	7.4	5.1
Indian/Alaskan <sup>6</sup> .....	0.6	0.4	0.2	0.1	0.4	0.0	0.0	0.4	0.8	0.3	0.5
Hispanic.....	4.4	5.7	4.5	4.7	3.2	4.3	2.9	6.1	4.0	5.9	9.6
Other/unknown <sup>7</sup> .....	2.4	3.6	3.9	3.7	2.1	3.9	3.9	3.7	3.2	4.7	4.1

<sup>1</sup> Includes other fields, not shown separately. <sup>2</sup> Astronomy, physics, and chemistry. <sup>3</sup> Biochemistry, botany, microbiology, physiology, zoology, and related fields. <sup>4</sup> Anthropology, sociology, political science, economics, international relations and related fields. <sup>5</sup> Excludes those with temporary visas. <sup>6</sup> Non-Hispanic. <sup>7</sup> 2008 data includes Native Hawaiians and Other Pacific Islanders, respondents choosing multiple races (excluding those selecting an Hispanic ethnicity), and respondents with unknown race/ethnicity.

Source: U.S. National Science Foundation, *Science and Engineering Doctorate Awards*, NSF-10-308, annual. See also <<http://www.nsf.gov/statistics/doctorates/>>.