

**Table 812. Science and Engineering (S&E) Degrees Awarded by Degree Level and Sex of Recipient: 1990 to 2009**

[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.....	399,686	197,827	201,859	50.5	94,706	53,382	41,324	43.6	25,966	16,518	9,394	36.3
2005.....	469,340	233,313	236,027	50.3	120,071	66,361	53,710	44.7	27,985	17,405	10,539	37.7
2006.....	477,589	237,336	240,253	50.3	119,686	65,262	54,424	45.5	29,866	18,369	11,478	38.5
2007.....	484,350	240,986	243,364	50.2	118,942	64,232	54,710	46.0	31,806	19,529	12,265	38.6
2008.....	494,627	246,014	248,613	50.3	124,754	67,600	57,154	45.8	32,832	19,854	12,971	39.5
2009.....	502,561	249,745	252,816	50.3	132,390	71,995	60,395	45.6	33,470	19,849	13,593	40.6

Source: U.S. National Science Foundation, *Science and Engineering Degrees: 1966-2008*, NSF-11-316, 2011, and unpublished data. See also <<http://www.nsf.gov/statistics/degrees/>>.

**Table 813. 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 814. Doctorates Conferred by Characteristics of Recipients: 2000 and 2009**

[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>	2009										
		Physical sciences <sup>2</sup>		Earth sciences <sup>3</sup>	Mathematics	Computer sciences <sup>4</sup>	Biological sciences <sup>4</sup>	Agricultural	Social sciences <sup>5</sup>	Psychology		
		All fields <sup>1</sup>	Engineering	ences <sup>2</sup>	ences <sup>3</sup>	atics	ences <sup>4</sup>	ences <sup>4</sup>	cultural	ences <sup>5</sup>	chology	
<b>Total conferred (number)....</b>	<b>41,365</b>	<b>49,562</b>	<b>7,634</b>	<b>4,289</b>	<b>877</b>	<b>1,554</b>	<b>1,611</b>	<b>1,611</b>	<b>8,026</b>	<b>1,166</b>	<b>4,842</b>	<b>3,471</b>
Male.....	56.0	53.2	78.7	70.1	61.5	68.9	78.2	47.8	56.7	51.5	28.6	
Female.....	43.8	46.8	21.3	29.9	38.5	31.1	21.8	52.2	43.3	48.5	71.4	
<b>RACE/ETHNICITY<sup>6</sup></b>												
<b>Total conferred (number)....</b>	<b>29,936</b>	<b>32,231</b>	<b>3,148</b>	<b>2,351</b>	<b>556</b>	<b>772</b>	<b>735</b>	<b>5,513</b>	<b>668</b>	<b>3,026</b>	<b>2,896</b>	
White <sup>7</sup> .....	79.2	74.6	69.8	79.5	86.3	76.8	72.1	74.5	81.6	73.5	76.2	
Black <sup>7</sup> .....	5.8	6.9	4.3	3.1	1.4	3.2	3.8	4.4	4.8	7.3	6.3	
Asian/Pacific <sup>7</sup> .....	7.6	8.3	16.3	8.8	3.6	10.9	17.0	11.4	4.5	7.2	5.1	
Indian/Alaskan <sup>7</sup> .....	0.6	0.5	0.4	0.2	0.4	0.4	0.0	0.3	0.4	0.7	0.4	
Hispanic.....	4.4	5.8	5.0	4.5	4.5	4.7	2.7	5.5	4.2	6.2	7.8	
Other/unknown <sup>8</sup> .....	2.4	3.9	4.2	3.9	3.8	4.0	4.4	3.8	4.5	5.0	4.2	

<sup>1</sup> Includes other fields, not shown separately. <sup>2</sup> Astronomy, physics, and chemistry. <sup>3</sup> Includes earth, atmospheric and ocean sciences. <sup>4</sup> Biochemistry, botany, microbiology, physiology, zoology, and related fields. <sup>5</sup> Anthropology, sociology, political science, economics, international relations, and related fields. <sup>6</sup> Excludes those with temporary visas. <sup>7</sup> Non-Hispanic. <sup>8</sup> Data 2001 and after 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-11-306, annual. See also <<http://www.nsf.gov/statistics/doctorates/>>.