

**Table 809. Doctorates Awarded by Field of Study and Year of Doctorate: 2000 to 2008**

Field of Study	2000	2003	2004	2005	2006	2007	2008
<b>Total, all fields</b>	<b>41,366</b>	<b>40,758</b>	<b>42,118</b>	<b>43,381</b>	<b>45,615</b>	<b>48,112</b>	<b>48,802</b>
<b>Science and engineering, total</b>	<b>25,966</b>	<b>25,282</b>	<b>26,274</b>	<b>27,986</b>	<b>29,863</b>	<b>31,800</b>	<b>32,827</b>
Engineering, total	5,323	5,281	5,777	6,427	7,185	7,744	7,862
Aeronautical/astronautical	214	200	201	219	238	267	265
Chemical	619	568	638	774	799	807	872
Civil	480	552	547	622	655	701	712
Electrical	1,330	1,238	1,389	1,547	1,786	1,968	1,887
Industrial/manufacturing	176	214	217	221	234	280	281
Materials/metallurgical	404	438	474	493	583	648	636
Mechanical	807	752	754	892	1,044	1,072	1,079
Other	1,293	1,319	1,557	1,659	1,846	2,001	2,130
Science, total	20,643	20,001	20,497	21,559	22,678	24,056	24,965
Biological/agricultural sciences	6,890	6,756	6,987	7,404	7,682	8,313	8,883
Agricultural sciences	1,037	1,060	1,045	1,038	1,033	1,134	1,090
Biological sciences	5,853	5,696	5,942	6,366	6,649	7,179	7,793
Earth, atmospheric, and ocean sciences, total	694	683	686	714	757	878	862
Atmospheric	143	139	126	145	146	167	186
Earth/ocean sciences	551	544	560	569	611	711	676
Mathematical/computer sciences, total	1,911	1,860	2,024	2,334	2,778	3,049	3,186
Computer sciences	861	867	948	1,129	1,453	1,656	1,786
Mathematics	1,050	993	1,076	1,205	1,325	1,393	1,400
Physical sciences, total	3,378	3,287	3,335	3,643	3,927	4,102	4,081
Astronomy	185	167	165	186	197	223	248
Chemistry	1,989	2,040	1,986	2,126	2,362	2,325	2,247
Physics	1,204	1,080	1,184	1,331	1,368	1,554	1,586
Psychology	3,615	3,276	3,326	3,323	3,258	3,292	3,361
Social sciences, total	4,155	4,139	4,139	4,141	4,276	4,422	4,592
Economics	1,086	1,050	1,069	1,183	1,143	1,180	1,202
Political science	986	1,025	947	990	1,000	1,038	1,017
Sociology	617	597	580	536	578	576	601
Other social sciences	1,466	1,467	1,543	1,432	1,555	1,628	1,772
<b>Non-science and engineering, total</b>	<b>15,400</b>	<b>15,476</b>	<b>15,844</b>	<b>15,395</b>	<b>15,752</b>	<b>16,312</b>	<b>15,975</b>
Education	6,437	6,643	6,633	6,225	6,120	6,444	6,578
Health	1,591	1,633	1,719	1,784	1,905	2,129	2,094
Humanities	5,213	5,020	5,012	4,950	5,125	4,893	4,503
Professional/other/unknown	2,159	2,180	2,480	2,436	2,602	2,846	2,800

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

**Table 810. Scientists and Engineers by Selected Demographic Characteristics: 2006**

[In thousands (22,630 represents 22,630,000). Scientists and engineers refer to all persons who have received a bachelor's degree or higher in science and engineering (S&E), or S&E related field, plus persons holding a non-S&E degree or higher, employed in S&E or S&E related field]

Characteristic	Both sexes	Female	Male	Characteristic	Both sexes	Female	Male
<b>All scientists and engineers</b>	<b>22,630</b>	<b>10,230</b>	<b>12,400</b>	Highest degree attained:			
Age:				Bachelor's	13,228	6,223	7,005
29 or younger	2,732	1,542	1,190	Master's	6,411	3,039	3,373
30-39 years	5,302	2,596	2,705	Doctorate	1,018	308	710
40-49 years	5,849	2,699	3,150	Professional	1,973	660	1,312
50-59 years	5,400	2,303	3,097	Citizenship status:			
60-69 years	2,497	835	1,662	U.S. citizen, native	19,131	8,743	10,387
70 or older	851	254	596	U.S. citizen, naturalized	2,373	1,062	1,311
Race/ethnicity:				Non-U.S. citizen, permanent resident	835	330	505
American Indian/Alaska Native	102	51	50	Non-U.S. citizen, temporary resident	291	95	196
Asian	2,255	994	1,261	Marital status:			
Black	1,258	738	520	Married	16,100	6,655	9,445
Native Hawaiian/Other Pacific Islander	85	33	53	Living in marriage-like relationship	892	482	410
White	17,420	7,670	9,751	Widowed	356	245	111
Multiple race	316	156	159	Separated	243	131	111
Hispanic, any race	1,193	588	605	Divorced	1,518	887	631
Children in the home?				Never married	3,521	1,829	1,692
Yes	10,966	5,015	5,951				
No	11,664	5,215	6,449				

Source: National Science Foundation, Division of Science Resource Statistics, Scientists and Engineers Statistical Data System (SESTAT), <<http://www.nsf.gov/statistics/sestat/>>, accessed March 2008.