

Table 815. Doctorates Awarded by Field of Study and Year of Doctorate: 2000 to 2009

[Based on the Survey of Earned Doctorates; for information, see source]

Field of Study	2000	2004	2005	2006	2007	2008	2009
Total, all fields	41,366	42,118	43,381	45,617	48,130	48,763	49,562
Science and engineering, total	25,966	26,274	27,986	29,866	31,806	32,832	33,470
Engineering, total	5,323	5,777	6,427	7,185	7,745	7,859	7,634
Aeronautical/astronautical	214	201	219	238	267	266	296
Chemical	619	638	774	799	807	872	808
Civil	480	547	622	655	701	712	708
Electrical	1,330	1,389	1,547	1,786	1,968	1,887	1,694
Industrial/manufacturing	176	217	221	234	281	280	252
Materials/metallurgical	404	474	493	583	648	635	622
Mechanical	807	754	892	1,044	1,072	1,081	1,095
Other	1,293	1,557	1,659	1,846	2,001	2,126	2,159
Science, total	20,643	20,497	21,559	22,681	24,061	24,973	25,836
Biological/agricultural sciences	6,890	6,987	7,404	7,682	8,320	8,885	9,192
Agricultural sciences	1,037	1,045	1,038	1,033	1,133	1,087	1,166
Biological sciences	5,853	5,942	6,366	6,649	7,187	7,798	8,026
Earth, atmospheric, and ocean sciences, total	694	686	714	757	878	865	877
Atmospheric	143	126	145	146	167	188	167
Earth/ocean sciences	551	560	569	611	711	677	710
Mathematical/computer sciences, total	1,911	2,024	2,334	2,778	3,049	3,186	3,165
Computer sciences	861	948	1,129	1,453	1,656	1,787	1,611
Mathematics	1,050	1,076	1,205	1,325	1,393	1,399	1,554
Physical sciences, total	3,378	3,335	3,643	3,927	4,101	4,082	4,289
Astronomy	185	165	186	197	223	249	262
Chemistry	1,989	1,986	2,126	2,362	2,324	2,247	2,398
Physics	1,204	1,184	1,331	1,368	1,554	1,586	1,629
Psychology	3,615	3,326	3,323	3,260	3,291	3,356	3,471
Social sciences, total	4,155	4,139	4,141	4,277	4,422	4,599	4,842
Economics	1,086	1,069	1,183	1,142	1,180	1,202	1,237
Political science	986	947	990	1,001	1,037	1,020	1,140
Sociology	617	580	536	579	576	601	664
Other social sciences	1,466	1,543	1,432	1,555	1,629	1,776	1,801
Non-science and engineering, total	15,400	15,844	15,395	15,751	16,324	15,931	16,092
Education	6,437	6,633	6,225	6,120	6,456	6,554	6,531
Health	1,591	1,719	1,784	1,905	2,132	2,090	2,094
Humanities	5,213	5,012	4,950	5,124	4,890	4,502	4,667
Professional/other/unknown	2,159	2,480	2,436	2,602	2,846	2,785	2,800

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

Table 816. 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			Characteristic	Both sexes		
	Female	Male	Female		Male		
All scientists and engineers	22,630	10,230	12,400	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.