TABLE 15. Male full-time graduate students in engineering fields in all institutions, by field: 1977–2008

Year	Total	Aerospace engineering	Agricultural engineering	Architecture[a]	Biomedical engineering	Chemical engineering	Civil engineering[a]	Electrical engineering	Engineering science	Industrial engineering	Mechanical engineering	Metallurgical/materials engineering	Mining engineering	Nuclear engineering	Petroleum engineering	Engineering, nec
1977	34,964	1,160	623	na	617	3,660	6,553	8,146	1,061	2,967	4,742	1,833	348	1,113	290	1,851
1978	NA	NA	NA	na	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1979	36,600	1,116	648	na	704	3,852	6,729	8,585	986	3,164	5,170	1,943	274	1,000	308	2,121
1980	38,795	1,273	630	na	644	4,047	7,059	9,405	1,056	3,071	5,525	2,041	298	970	346	2,430
1981	41,138	1,432	658	na	688	4,482	7,673	9,739	1,114	2,915	6,075	2,187	352	960	359	2,504
1982	44,535	1,449	711	na	733	4,963	8,140	10,715	1,154	3,042	6,834	2,192	338	969	443	2,852
1983	48,311	1,760	727	na	789	5,122	8,509	12,302	1,221	2,673	7,847	2,403	387	978	557	3,036
1984	49,142	1,768	730	na	853	5,024	8,648	12,775	1,127	2,769	8,137	2,530	383	948	562	2,888
1985	49,634	1,868	740	na	857	4,811	8,257	13,591	1,146	2,821	8,316	2,666	363	939	530	2,729
1986	53,219	2,006	873	na	945	4,829	8,484	14,823	1,293	3,076	9,162	2,868	407	960	534	2,959
1987	54,671	2,205	892	na	994	4,822	8,230	15,552	1,246	3,430	9,498	2,889	400	940	601	2,972
1988	55,409	2,365	845	na	1,044	4,588	8,381	16,024	1,290	3,572	9,581	2,923	373	1,004	568	2,851
1989	56,252	2,592	818	na	1,189	4,499	8,315	16,644	1,120	3,772	9,637	3,116	298	993	486	2,773
1990	57,305	2,811	739	na	1,316	4,573	8,347	16,719	1,075	3,893	10,019	3,273	287	952	460	2,841
1991	61,356	3,071	744	na	1,393	4,830	9,309	17,717	1,182	4,591	10,745	3,345	304	935	477	2,713
1992	63,782	3,043	746	na	1,608	4,882	10,126	18,557	1,230	4,931	11,297	3,497	275	935	521	2,134
1993	62,611	2,971	730	na	1,664	4,908	9,934	17,906	1,195	4,770	11,210	3,482	274	926	524	2,117
1994	59,992	2,722	722	na	1,685	4,940	9,855	17,014	1,145	4,651	10,658	3,289	262	880	473	1,696
1995	56,280	2,417	700	na	1,668	4,756	9,431	15,768	1,061	4,229	9,993	3,082	237	776	408	1,754
1996	54,032	2,293	642	na	1,655	4,615	8,937	15,497	883	4,069	9,500	2,893	227	649	393	1,779
1997	53,180	2,226	588	na	1,705	4,451	8,495	16,102	843	4,009	9,143	2,819	218	586	392	1,603
1998	52,608	2,251	573	na	1,720	4,233	8,213	16,471	892	3,810	8,840	2,829	181	551	433	1,611
1999	54,500	2,320	564	na	1,822	4,197	8,192	17,147	838	4,364	9,069	2,715	215	530	462	2,065
2000	57,424	2,385	500	na	1,897	4,315	8,454	19,073	879	4,710	9,451	2,751	156	535	447	1,871
2001	61,255	2,435	530	na	2,070	4,289	8,677	20,767	961	5,105	9,998	2,988	163	523	460	2,289
2002	67,035	2,591	551	na	2,477	4,613	9,201	22,884	1,137	5,628	10,932	3,180	177	527	554	2,583
2003	70,140	2,790	621	na	2,959	4,604	9,592	23,361	1,406	5,467	11,608	3,258	187	598	568	3,121
2004	67,136	2,789	577	na	3,135	4,562	9,427	21,645	1,363	4,996	10,947	3,218	208	641	540	3,088
2005	64,987	2,779	583	na	3,229	4,363	9,074	21,090	1,261	4,508	10,446	3,319	183	670	527	2,955
2006	67,136	2,849	591	na	3,456	4,366	8,905	22,156	1,273	4,679	10,876	3,415	148	733	541	3,148
2007old[a]	70,988	2,980	603	na	3,619	4,345	9,831	23,458	1,116	5,195	11,256	3,415	173	781	646	3,570
2007new[a]	71,712	2,980	603	2,341	3,631	4,500	7,898	23,579	1,095	5,491	11,247	3,352	118	773	646	3,458
2008	74,629	3,156	675	2,909	3,888	4,671	8,372	23,787	1,135	6,205	11,763	3,474	170	782	677	2,965

na = not applicable; data were not collected at this level of detail. NA = not available; master's-granting institutions were not surveyed in 1978, and survey of doctorate-granting institutions did not collect data by sex.

nec = not elsewhere classified.

[a] In 2007, GSS-eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of GSS-eligible units. "2007new" presents data as collected in 2007; "2007old" reflects data as they would have been collected under 2006 methodology. "Architecture" is reported as a separate field of engineering in 2007new; these data were reported under "civil engineering" in 2007old and previous years. See appendix A, "Technical Notes," for more detail.

SOURCE: National Science Foundation/Division of Science Resources Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.