

TABLE 3. Graduate students in engineering in all institutions, by engineering field: 1975–2011

Year	Metallurgical/															
	Total	Aerospace engineering	Agricultural engineering	Architecture ^a	Biomedical engineering	Chemical engineering	Civil engineering ^a	Electrical engineering	Engineering science	Industrial engineering	Mechanical engineering	materials engineering	Mining engineering	Nuclear engineering	Petroleum engineering	Engineer- ing, nec
1975	68,332	1,670	631	na	883	5,095	12,560	16,320	1,746	11,663	8,601	2,376	412	1,636	302	4,437
1976	66,723	1,477	690	na	895	5,271	11,995	15,926	1,759	10,687	8,313	2,398	515	1,600	376	4,821
1977	68,757	1,518	754	na	855	5,273	12,335	17,406	1,737	10,438	8,722	2,585	452	1,491	379	4,812
1978 ^b	67,787	1,463	788	na	920	5,431	12,358	17,127	1,844	9,494	8,638	2,592	416	1,404	428	4,884
1979	71,808	1,481	787	na	1,004	5,685	12,822	17,715	1,681	10,729	9,251	2,778	389	1,318	424	5,744
1980	74,335	1,737	789	na	964	6,038	13,097	19,132	1,796	9,698	9,888	2,934	413	1,241	503	6,105
1981	79,585	1,883	842	na	1,017	6,526	14,089	20,113	1,965	9,737	10,618	3,152	462	1,283	521	7,377
1982	83,720	1,941	911	na	1,085	7,222	14,122	21,927	2,130	9,577	11,467	3,154	449	1,301	586	7,848
1983	91,146	2,305	1,001	na	1,220	7,590	14,910	25,295	2,261	9,247	12,911	3,477	524	1,203	737	8,465
1984	92,739	2,340	989	na	1,315	7,400	15,192	26,388	2,153	9,282	13,855	3,673	502	1,234	744	7,672
1985	96,018	2,538	983	na	1,335	7,177	14,902	28,203	2,098	10,525	14,157	3,959	489	1,220	782	7,650
1986	101,905	2,804	1,118	na	1,487	7,043	14,976	29,969	2,362	11,569	15,713	4,236	512	1,265	747	8,104
1987	103,983	3,015	1,126	na	1,628	7,141	14,682	31,399	2,343	12,353	16,366	4,397	513	1,279	818	6,923
1988	102,854	3,223	1,096	na	1,708	6,643	14,811	32,035	2,386	11,575	16,151	4,381	489	1,303	742	6,311
1989	104,065	3,524	1,092	na	1,867	6,482	14,909	33,257	2,077	11,333	16,265	4,635	418	1,323	665	6,218
1990	107,658	3,934	985	na	2,097	6,768	15,542	33,722	2,020	11,555	16,879	4,983	437	1,278	670	6,788
1991	113,535	4,120	1,023	na	2,199	7,157	17,398	35,111	2,154	12,996	17,730	5,203	489	1,282	705	5,968
1992	118,039	4,036	1,053	na	2,492	7,433	19,572	36,428	2,218	13,826	18,637	5,550	437	1,286	737	4,334
1993	116,872	3,940	1,053	na	2,640	7,554	19,583	35,290	2,180	13,905	18,477	5,410	427	1,306	725	4,382
1994	113,024	3,715	1,095	na	2,716	7,639	19,925	33,067	2,089	13,992	17,761	5,228	424	1,246	624	3,503
1995	107,201	3,343	1,076	na	2,693	7,452	19,218	30,861	1,955	13,475	16,363	4,956	373	1,154	610	3,672
1996	103,224	3,208	1,055	na	2,689	7,408	18,528	29,941	1,751	12,675	15,509	4,747	371	980	562	3,800
1997	101,148	3,083	991	na	2,797	7,288	17,193	30,787	1,647	11,957	15,045	4,688	348	868	561	3,895
1998	100,038	3,137	975	na	2,855	7,093	16,517	31,384	1,701	11,221	14,696	4,680	304	821	571	4,083
1999	101,691	3,349	986	na	3,069	6,883	16,226	31,822	1,627	11,803	14,956	4,481	328	830	642	4,689
2000	104,112	3,407	943	na	3,197	7,056	16,451	33,611	1,632	12,119	15,235	4,377	287	792	627	4,378
2001	109,493	3,451	947	na	3,599	6,913	16,665	36,100	1,798	12,940	15,852	4,721	240	801	656	4,810
2002	119,668	3,685	952	na	4,338	7,414	17,713	39,948	2,121	14,033	17,139	4,992	267	795	766	5,505
2003	127,377	4,048	1,058	na	5,301	7,516	18,890	41,763	2,240	14,313	18,393	5,131	278	885	849	6,712
2004	123,566	4,089	1,041	na	5,807	7,452	18,561	38,995	2,198	13,852	17,852	5,059	308	971	845	6,536
2005	120,565	4,170	1,059	na	6,067	7,173	18,114	37,450	1,951	13,650	17,373	5,160	279	1,013	808	6,298
2006	123,041	4,482	1,073	na	6,482	7,261	17,802	38,265	2,046	13,829	17,919	5,268	244	1,099	813	6,458
2007old ^a	130,255	4,616	1,126	na	6,881	7,383	19,867	40,207	1,843	14,290	18,366	5,365	307	1,208	1,014	7,782
2007new ^a	131,676	4,616	1,126	4,601	6,904	7,584	16,071	40,588	1,806	14,474	18,347	5,314	222	1,180	1,014	7,829
2008	137,856	4,902	1,233	5,905	7,339	7,892	16,931	41,164	2,099	15,692	19,585	5,539	290	1,201	1,009	7,075

TABLE 3. Graduate students in engineering in all institutions, by engineering field: 1975–2011

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
2009	144,677	5,266	1,303	6,804	7,904	8,188	18,638	41,218	2,168	15,825	21,243	5,863	312	1,243	1,190	7,512
2010	149,241	5,540	1,457	6,795	8,497	8,668	19,559	41,336	2,071	15,205	22,509	6,274	419	1,459	1,295	8,157
2011	146,501	5,691	1,656	3,111	9,175	8,828	19,596	41,580	2,101	14,494	21,883	6,649	500	1,499	1,301	8,437

na = not applicable; data were not collected at this level of detail. nec = not elsewhere classified.

^a In 2007, eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of eligible units. "2007new" presents data as collected in 2007; "2007old" shows data as they would have been collected in prior years. "Architecture" is reported as a separate field of engineering in 2007new; data were reported under "civil engineering" in 2007old and previous years. See appendix A in <http://www.nsf.gov/statistics/nsf10307/> for more detail.

^b Master's-granting institutions were not surveyed in 1978; totals represent estimates based on 1977 and 1979 data.

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