

S&E graduate enrollment, by field and sex: Selected years, 1985–2005

Field/sex	1985	1987	1989	1991	1993	1995	1997	1999	2000	2001	2002	2003	2004	2005
Both sexes														
S&E.....	404,021	421,497	434,478	471,212	504,304	499,640	487,208	493,256	493,311	509,620	540,417	567,170	574,937	583,226
Engineering.....	96,018	103,983	104,065	113,535	116,872	107,201	101,148	101,691	104,112	109,493	119,668	127,377	123,566	120,473
Aerospace.....	2,538	3,015	3,524	4,120	3,940	3,343	3,083	3,349	3,407	3,451	3,685	4,048	4,089	4,170
Chemical.....	7,177	7,141	6,482	7,157	7,554	7,452	7,288	6,883	7,056	6,913	7,414	7,516	7,452	7,173
Civil.....	14,902	14,682	14,909	17,398	19,583	19,218	17,193	16,226	16,451	16,665	17,713	18,890	18,561	18,050
Electrical.....	28,203	31,399	33,257	35,111	35,290	30,861	30,787	31,822	33,611	36,100	39,948	41,763	38,995	37,444
Industrial.....	10,525	12,353	11,333	12,996	13,905	13,475	11,957	11,803	12,119	12,940	14,033	14,313	13,852	13,614
Materials.....	3,959	4,397	4,635	5,203	5,410	4,956	4,688	4,481	4,377	4,721	4,992	5,131	5,059	5,160
Mechanical.....	14,157	16,366	16,265	17,730	18,477	16,363	15,045	14,956	15,235	15,852	17,139	18,393	17,852	17,387
Other.....	14,557	14,630	13,660	13,820	12,713	11,533	11,107	12,171	11,856	12,851	14,744	17,323	17,706	17,475
Science.....	308,003	317,514	330,413	357,677	387,432	392,439	386,060	391,565	389,199	400,127	420,749	439,793	451,371	462,753
Natural sciences.....	197,318	203,637	210,734	225,574	244,098	249,363	246,849	254,854	255,406	263,978	279,369	292,453	299,574	305,495
Agricultural sciences.....	11,846	11,405	11,461	11,766	12,305	12,768	12,823	12,312	12,023	12,235	12,698	13,197	13,445	13,123
Biological sciences.....	45,709	46,317	48,449	51,365	55,950	58,344	56,705	56,959	56,282	57,639	61,088	64,701	66,548	68,449
Earth, atmospheric, and ocean sciences.....	15,414	14,357	13,630	14,466	15,721	15,716	14,548	14,083	13,941	13,841	14,240	14,620	15,131	14,827
Atmospheric sciences.....	964	952	912	968	1,112	1,072	1,092	913	963	924	1,036	1,150	1,086	1,146
Earth sciences.....	10,288	8,976	8,032	7,544	7,759	7,582	6,959	6,637	6,596	6,544	6,712	6,889	7,358	7,212
Oceanography.....	2,081	2,135	2,214	2,395	2,627	2,723	2,479	2,624	2,668	2,585	2,618	2,695	2,801	2,760
Other geosciences.....	2,081	2,294	2,472	3,559	4,223	4,339	4,018	3,909	3,714	3,788	3,874	3,886	3,886	3,709
Mathematics/computer sciences.....	47,332	50,559	51,729	54,633	56,213	51,962	52,710	58,735	63,000	68,847	73,432	73,161	69,947	68,256
Computer sciences.....	29,769	32,051	32,482	34,681	36,213	33,458	35,991	42,478	47,350	52,196	55,269	53,696	50,016	48,046
Mathematics/statistics.....	17,563	18,508	19,247	19,952	20,000	18,504	16,719	16,257	15,650	16,651	18,163	19,465	19,931	20,210
Medical/other life sciences.....	46,030	48,258	51,836	58,620	68,581	77,174	79,578	82,074	79,775	80,378	85,570	92,476	98,742	104,444
Medical sciences.....	13,276	14,256	14,914	16,702	19,224	20,659	20,895	23,479	22,815	24,012	26,841	29,440	29,807	31,410
Other life sciences.....	32,754	34,002	36,922	41,918	49,357	56,515	58,683	58,595	56,960	56,366	58,729	63,036	68,935	73,034
Physical sciences.....	30,987	32,741	33,629	34,724	35,328	33,399	31,105	30,691	30,385	31,038	32,341	34,298	35,761	36,396
Astronomy.....	671	719	789	829	880	912	778	832	888	916	990	1,080	1,119	1,191
Chemistry.....	18,305	18,827	18,828	19,407	20,131	19,570	18,774	18,416	18,105	18,366	19,045	20,049	20,776	21,122
Physics.....	11,672	12,807	13,657	14,081	13,841	12,425	11,147	10,869	10,841	11,248	11,701	12,555	13,298	13,472
Other physical sciences.....	339	388	355	407	476	492	406	574	551	508	605	614	568	611
Social/behavioral sciences.....	110,685	113,877	119,679	132,103	143,334	143,076	139,211	136,711	133,793	136,149	141,380	147,340	151,797	157,258
Psychology.....	40,721	42,612	45,528	51,343	54,557	53,641	53,126	51,727	50,466	50,467	51,165	52,211	54,218	57,412
Social sciences.....	69,964	71,265	74,151	80,760	88,777	89,435	86,085	84,984	83,327	85,682	90,215	95,129	97,579	99,846
Anthropology.....	5,631	5,835	6,128	6,731	7,361	7,693	7,560	7,633	7,626	7,491	7,481	7,789	7,826	7,706
Economics.....	14,698	14,201	14,415	15,071	15,629	15,011	13,140	12,576	12,827	13,569	14,196	14,634	14,513	13,923
History of science.....	272	294	304	337	369	401	443	557	532	571	663	737	994	965
Linguistics.....	3,055	3,282	3,286	3,425	3,321	3,194	3,068	2,799	2,674	2,744	2,875	3,028	2,941	3,187
Political science/public administration.....	26,621	27,429	29,194	31,707	35,076	34,298	32,083	31,372	31,131	31,805	34,934	36,880	39,270	41,106
Sociology.....	7,620	7,968	8,393	9,292	10,360	10,505	10,361	9,707	9,397	9,620	9,665	9,900	9,713	9,885
Other social sciences.....	12,067	12,256	12,431	14,197	16,661	18,333	19,430	20,340	19,140	19,882	20,401	22,161	22,322	23,074

S&E graduate enrollment, by field and sex: Selected years, 1985–2005

Field/sex	1985	1987	1989	1991	1993	1995	1997	1999	2000	2001	2002	2003	2004	2005
Male														
S&E.....	258,216	267,941	268,725	284,897	294,476	279,305	264,497	262,675	262,109	271,157	287,061	298,694	296,847	295,547
Engineering.....	84,935	91,012	90,457	97,837	99,184	89,188	82,428	81,804	83,366	87,236	94,701	99,790	96,294	93,595
Aerospace.....	2,375	2,791	3,281	3,793	3,583	2,992	2,712	2,926	2,938	2,966	3,169	3,445	3,489	3,563
Chemical.....	6,170	5,979	5,445	5,897	6,050	5,885	5,568	5,150	5,181	5,084	5,419	5,416	5,346	5,094
Civil.....	12,755	12,579	12,474	14,296	15,725	14,986	13,029	12,069	12,174	12,162	12,808	13,492	13,120	12,655
Electrical.....	25,768	28,301	29,742	31,260	30,977	26,707	26,237	26,689	28,075	29,888	32,678	33,969	31,794	30,656
Industrial.....	8,743	10,085	9,180	10,594	11,260	10,652	9,301	9,144	9,406	10,132	10,957	11,047	10,622	10,327
Materials.....	3,352	3,659	3,820	4,208	4,373	3,882	3,571	3,397	3,336	3,548	3,741	3,800	3,738	3,812
Mechanical.....	13,146	15,070	14,867	16,219	16,703	14,686	13,266	13,168	13,403	13,908	15,056	16,039	15,396	14,977
Other.....	12,626	12,548	11,648	11,570	10,513	9,398	8,744	9,261	8,853	9,548	10,873	12,582	12,789	12,511
Science.....	173,281	176,929	178,268	187,060	195,292	190,117	182,069	180,871	178,743	183,921	192,360	198,904	200,553	201,952
Natural sciences.....	115,931	119,402	119,883	124,821	130,391	127,014	122,954	124,771	125,060	129,753	136,353	141,081	141,024	141,662
Agricultural sciences.....	8,769	8,367	8,224	8,098	8,058	8,169	7,497	7,263	6,935	6,892	7,045	7,171	7,187	6,921
Biological sciences.....	25,932	26,013	26,348	27,372	29,081	29,629	28,229	27,338	26,475	26,590	27,677	28,818	29,270	29,946
Earth, atmospheric, and ocean sciences.....	11,489	10,581	9,776	10,015	10,695	10,282	9,132	8,358	8,188	7,949	7,993	8,082	8,199	7,939
Atmospheric sciences.....	807	784	734	778	887	835	829	671	695	626	703	776	723	758
Earth sciences.....	7,806	6,819	6,078	5,546	5,665	5,299	4,663	4,237	4,141	4,061	4,099	4,125	4,299	4,169
Oceanography.....	1,471	1,497	1,484	1,543	1,611	1,616	1,424	1,402	1,401	1,330	1,309	1,303	1,292	1,279
Other geosciences.....	1,405	1,481	1,480	2,148	2,532	2,532	2,216	2,048	1,951	1,932	1,882	1,878	1,885	1,733
Mathematics/computer sciences.....	34,417	36,948	37,756	40,045	41,144	37,571	36,961	40,147	43,140	47,275	50,521	51,056	49,173	48,758
Computer sciences.....	22,208	24,036	24,494	26,391	27,782	25,325	26,110	29,933	33,270	36,894	39,244	38,880	36,739	35,985
Mathematics/statistics.....	12,209	12,912	13,262	13,654	13,362	12,246	10,851	10,214	9,870	10,381	11,277	12,176	12,434	12,773
Medical/other life sciences.....	10,846	11,869	11,955	13,135	15,291	17,049	18,878	19,889	19,052	19,345	20,842	22,434	22,734	23,428
Medical sciences.....	6,634	7,388	7,172	8,044	8,967	9,355	9,626	10,303	9,748	10,136	11,045	11,917	11,533	11,714
Other life sciences.....	4,212	4,481	4,783	5,091	6,324	7,694	9,252	9,586	9,304	9,209	9,797	10,517	11,201	11,714
Physical sciences.....	24,478	25,624	25,824	26,156	26,122	24,314	22,257	21,776	21,270	21,702	22,275	23,520	24,461	24,670
Astronomy.....	563	601	649	657	682	689	570	607	621	651	688	735	764	797
Chemistry.....	13,516	13,649	13,158	13,145	13,279	12,742	12,052	11,799	11,349	11,511	11,720	12,210	12,544	12,699
Physics.....	10,175	11,134	11,789	12,101	11,865	10,590	9,403	8,993	8,931	9,206	9,500	10,189	10,797	10,803
Other physical sciences.....	224	240	228	253	296	293	232	377	369	334	367	386	356	371
Social/behavioral sciences.....	57,350	57,527	58,385	62,239	64,901	63,103	59,115	56,100	53,683	54,168	56,007	57,823	59,529	60,290
Psychology.....	15,597	15,683	15,673	16,556	16,567	15,877	15,507	14,456	13,594	13,149	13,437	13,395	13,992	13,993
Social sciences.....	41,753	41,844	42,712	45,683	48,334	47,226	43,608	41,644	40,089	41,019	42,570	44,428	45,537	46,297
Anthropology.....	2,510	2,482	2,548	2,778	2,969	3,140	3,059	2,989	2,941	2,929	2,864	2,919	2,853	2,782
Economics.....	11,134	10,683	10,591	10,876	11,023	10,352	8,940	8,362	8,273	8,739	9,084	9,226	9,174	8,796
History of science.....	180	198	192	205	227	262	281	345	313	327	362	425	580	525
Linguistics.....	1,198	1,305	1,334	1,512	1,301	1,194	1,051	966	930	951	984	1,023	1,014	1,132
Political science/public administration.....	16,276	16,563	17,024	17,971	19,320	18,348	16,679	15,799	15,204	15,304	16,315	17,038	18,292	19,020
Sociology.....	3,583	3,616	3,828	4,191	4,280	4,168	3,968	3,498	3,354	3,388	3,444	3,493	3,372	3,540
Other social sciences.....	6,872	6,997	7,195	8,150	9,214	9,762	9,630	9,685	9,074	9,381	9,517	10,304	10,252	10,502

S&E graduate enrollment, by field and sex: Selected years, 1985–2005

Field/sex	1985	1987	1989	1991	1993	1995	1997	1999	2000	2001	2002	2003	2004	2005
Female														
S&E.....	145,805	153,556	165,753	186,315	209,828	220,335	222,711	230,581	231,202	238,463	253,356	268,476	278,090	287,679
Engineering.....	11,083	12,971	13,608	15,698	17,688	18,013	18,720	19,887	20,746	22,257	24,967	27,587	27,272	26,878
Aerospace.....	163	224	243	327	357	351	371	423	469	485	516	603	600	607
Chemical.....	1,007	1,162	1,037	1,260	1,504	1,567	1,720	1,733	1,875	1,829	1,995	2,100	2,106	2,079
Civil.....	2,147	2,103	2,435	3,102	3,858	4,232	4,164	4,157	4,277	4,503	4,905	5,398	5,441	5,395
Electrical.....	2,435	3,098	3,515	3,851	4,313	4,154	4,550	5,133	5,536	6,212	7,270	7,794	7,201	6,788
Industrial.....	1,782	2,268	2,153	2,402	2,645	2,823	2,656	2,659	2,713	2,808	3,076	3,266	3,230	3,287
Materials.....	607	738	815	995	1,037	1,074	1,117	1,084	1,041	1,173	1,251	1,331	1,321	1,348
Mechanical.....	1,011	1,296	1,398	1,511	1,774	1,677	1,779	1,788	1,832	1,944	2,083	2,354	2,456	2,410
Other.....	1,931	2,082	2,012	2,250	2,200	2,135	2,363	2,910	3,003	3,303	3,871	4,741	4,917	4,964
Science.....	134,722	140,585	152,145	170,617	192,140	202,322	203,991	210,694	210,456	216,206	228,389	240,889	250,818	260,801
Natural sciences.....	81,387	84,235	90,851	100,753	113,707	122,349	123,895	130,083	130,346	134,225	143,016	151,372	158,550	163,833
Agricultural sciences.....	3,077	3,038	3,237	3,668	4,247	4,599	4,706	5,049	5,088	5,343	5,653	6,026	6,258	6,202
Biological sciences.....	19,777	20,304	22,101	23,993	26,869	28,715	28,476	29,621	29,807	31,049	33,411	35,883	37,278	38,503
Earth, atmospheric, and ocean sciences.....	3,925	3,776	3,854	4,451	5,026	5,434	5,416	5,725	5,753	5,892	6,247	6,538	6,932	6,888
Atmospheric sciences.....	157	168	178	190	225	237	263	242	268	298	333	374	363	388
Earth sciences.....	2,482	2,157	1,954	1,998	2,094	2,283	2,296	2,400	2,455	2,483	2,613	2,764	3,059	3,043
Oceanography.....	610	638	730	852	1,016	1,107	1,055	1,222	1,267	1,255	1,309	1,392	1,509	1,481
Other geosciences.....	676	813	992	1,411	1,691	1,807	1,802	1,861	1,763	1,856	1,992	2,008	2,001	1,976
Mathematics/computer sciences.....	12,915	13,611	13,973	14,588	15,069	14,391	15,749	18,588	19,860	21,572	22,911	22,105	20,774	19,498
Computer sciences.....	7,561	8,015	7,988	8,290	8,431	8,133	9,881	12,545	14,080	15,302	16,025	14,816	13,277	12,061
Mathematics/statistics.....	5,354	5,596	5,985	6,298	6,638	6,258	5,868	6,043	5,780	6,270	6,886	7,289	7,497	7,437
Medical/other life sciences.....	35,184	36,389	39,881	45,485	53,290	60,125	60,700	62,185	60,723	61,033	64,728	70,042	76,008	81,016
Medical sciences.....	6,642	6,868	7,742	8,658	10,257	11,304	11,269	13,176	13,067	13,876	15,796	17,523	18,274	19,696
Other life sciences.....	28,542	29,521	32,139	36,827	43,033	48,821	49,431	49,009	47,656	47,157	48,932	52,519	57,734	61,320
Physical sciences.....	6,509	7,117	7,805	8,568	9,206	9,085	8,848	8,915	9,115	9,336	10,066	10,778	11,300	11,726
Astronomy.....	108	118	140	172	198	223	208	225	267	265	302	345	355	394
Chemistry.....	4,789	5,178	5,670	6,262	6,852	6,828	6,722	6,617	6,756	6,855	7,325	7,839	8,232	8,423
Physics.....	1,497	1,673	1,868	1,980	1,976	1,835	1,744	1,876	1,910	2,042	2,201	2,366	2,501	2,669
Other physical sciences.....	115	148	127	154	180	199	174	197	182	174	238	228	212	240
Social/behavioral sciences.....	53,335	56,350	61,294	69,864	78,433	79,973	80,096	80,611	80,110	81,981	85,373	89,517	92,268	96,968
Psychology.....	25,124	26,929	29,855	34,787	37,990	37,764	37,619	37,271	36,872	37,318	37,728	38,816	40,226	43,419
Social sciences.....	28,211	29,421	31,439	35,077	40,443	42,209	42,477	43,340	43,238	44,663	47,645	50,701	52,042	53,549
Anthropology.....	3,121	3,353	3,580	3,953	4,392	4,553	4,501	4,644	4,685	4,562	4,617	4,870	4,973	4,924
Economics.....	3,564	3,518	3,824	4,195	4,606	4,659	4,200	4,214	4,554	4,830	5,112	5,408	5,339	5,127
History of science.....	92	96	112	132	142	139	162	212	219	244	301	312	414	440
Linguistics.....	1,857	1,977	1,952	1,913	2,020	2,000	2,017	1,833	1,744	1,793	1,891	2,005	1,927	2,055
Political science/public administration.....	10,345	10,866	12,170	13,736	15,756	15,950	15,404	15,573	15,927	16,501	18,619	19,842	20,978	22,086
Sociology.....	4,037	4,352	4,565	5,101	6,080	6,337	6,393	6,209	6,043	6,232	6,221	6,407	6,341	6,345
Other social sciences.....	5,195	5,259	5,236	6,047	7,447	8,571	9,800	10,655	10,066	10,501	10,884	11,857	12,070	12,572

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.