

## S&amp;E graduate enrollment, by field, citizenship, and race/ethnicity: Selected years, 1983–2001

Field, citizenship, and race/ethnicity	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
<b>All S&amp;E graduate enrollment</b>										
S&E .....	346,952	357,968	373,199	382,603	412,547	435,703	422,438	407,597	411,257	429,492
Natural sciences .....	90,485	92,422	93,718	95,982	100,825	107,341	107,795	102,697	101,889	102,655
Physical sciences .....	29,463	30,987	32,741	33,629	34,724	35,328	33,399	31,105	30,691	30,988
Earth, atmospheric, and ocean sciences .....	15,443	15,414	14,357	13,630	14,466	15,721	15,716	14,548	14,083	13,841
Biological sciences .....	45,579	46,021	46,620	48,723	51,635	56,292	58,680	57,044	57,115	57,826
Mathematics/computer sciences .....	40,691	47,332	50,559	51,729	54,633	56,213	51,962	52,710	58,817	68,859
Mathematics .....	17,358	17,563	18,508	19,247	19,952	20,000	18,504	16,719	16,257	16,663
Computer sciences .....	23,333	29,769	32,051	32,482	34,681	36,213	33,458	35,991	42,560	52,196
Agricultural sciences .....	12,402	11,534	11,088	11,168	11,476	11,950	12,422	11,852	11,988	11,911
Social/behavioral sciences .....	112,228	110,662	113,851	119,659	132,078	143,327	143,058	139,190	136,872	136,561
Psychology .....	40,905	40,721	42,612	45,528	51,343	54,557	53,641	53,126	51,864	50,798
Social sciences .....	71,323	69,941	71,239	74,131	80,735	88,770	89,417	86,064	85,008	85,763
Engineering .....	91,146	96,018	103,983	104,065	113,535	116,872	107,201	101,148	101,691	109,506
<b>U.S. citizen/permanent resident</b>										
S&E .....	276,749	281,178	284,436	284,538	303,940	330,037	323,935	308,636	301,367	296,194
Natural sciences .....	75,023	74,764	72,249	70,877	72,734	79,205	81,249	78,141	77,019	75,516
Physical sciences .....	21,838	22,045	22,113	21,856	21,999	23,076	21,990	20,210	19,559	18,995
Earth, atmospheric, and ocean sciences .....	13,597	13,549	12,167	11,055	11,569	12,713	12,769	12,033	11,563	11,080
Biological sciences .....	39,588	39,170	37,969	37,966	39,166	43,416	46,490	45,898	45,897	45,441
Mathematics/computer sciences .....	30,285	34,490	35,653	35,352	36,375	38,170	35,358	34,249	35,735	36,640
Mathematics .....	12,405	12,218	12,379	12,564	13,318	13,866	12,695	11,175	10,330	10,193
Computer sciences .....	17,880	22,272	23,274	22,788	23,057	24,304	22,663	23,074	25,405	26,447
Agricultural sciences .....	9,650	8,887	8,186	8,232	8,281	8,829	9,343	9,146	9,514	9,408
Social/behavioral sciences .....	98,142	95,850	97,754	102,712	114,369	126,256	126,268	122,458	118,911	117,034
Psychology .....	39,472	39,229	41,073	43,897	49,355	52,676	51,554	51,118	49,625	48,285
Social sciences .....	58,670	56,621	56,681	58,815	65,014	73,580	74,714	71,340	69,286	68,749
Engineering .....	63,649	67,187	70,594	67,365	72,181	77,577	71,717	64,642	60,188	57,596
<b>White</b>										
S&E .....	224,604	223,566	228,704	229,568	243,505	256,755	245,831	227,975	216,785	205,757
Natural sciences .....	65,549	64,024	61,577	60,720	61,900	64,678	65,194	61,129	59,461	57,129
Physical sciences .....	18,656	18,328	18,099	18,329	18,414	18,591	17,486	15,767	15,037	14,235
Earth, atmospheric, and ocean sciences .....	12,238	11,756	10,912	10,126	10,519	11,076	11,245	10,402	10,007	9,583
Biological sciences .....	34,655	33,940	32,566	32,265	32,967	35,011	36,463	34,960	34,417	33,311
Mathematics/computer sciences .....	23,802	25,511	26,806	26,560	26,984	27,376	24,427	22,413	22,082	22,425
Mathematics .....	10,259	9,787	9,650	10,064	10,457	10,572	9,654	8,351	7,659	7,386
Computer sciences .....	13,543	15,724	17,156	16,496	16,527	16,804	14,773	14,062	14,423	15,039
Agricultural sciences .....	8,722	7,863	7,418	7,284	7,464	7,772	8,040	7,797	8,176	7,894
Social/behavioral sciences .....	77,905	76,009	79,085	83,501	92,419	99,514	96,239	90,543	85,003	79,989
Psychology .....	32,716	32,757	34,785	37,227	40,990	42,662	40,146	38,724	36,350	33,558
Social sciences .....	45,189	43,252	44,300	46,274	51,429	56,852	56,093	51,819	48,653	46,431
Engineering .....	48,626	50,159	53,818	51,503	54,738	57,415	51,931	46,093	42,063	38,320

**S&E graduate enrollment, by field, citizenship, and race/ethnicity: Selected years, 1983–2001**

Field, citizenship, and race/ethnicity	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
<b>Asian/Pacific Islander</b>										
S&E.....	9,387	11,996	14,559	15,678	18,124	24,047	25,901	26,012	27,575	27,659
Natural sciences.....	2,276	2,572	2,871	3,354	4,031	5,879	6,498	6,541	6,550	6,683
Physical sciences.....	785	937	1,047	1,175	1,429	1,973	1,780	1,638	1,682	1,612
Earth, atmospheric, and ocean sciences.....	240	194	179	207	267	462	419	417	400	352
Biological sciences.....	1,251	1,441	1,645	1,972	2,335	3,444	4,299	4,486	4,468	4,719
Mathematics/computer sciences.....	1,666	2,491	3,235	3,430	3,729	4,577	5,164	5,677	7,158	6,713
Mathematics.....	564	623	769	703	866	1,020	1,121	1,051	1,002	997
Computer sciences.....	1,102	1,868	2,466	2,727	2,863	3,557	4,043	4,626	6,156	5,716
Agricultural sciences.....	142	138	168	227	225	271	280	302	306	258
Social/behavioral sciences.....	1,897	1,990	2,435	2,647	3,028	4,324	4,941	5,359	5,400	5,403
Psychology.....	531	559	727	817	1,040	1,470	1,598	1,909	2,043	2,165
Social sciences.....	1,366	1,431	1,708	1,830	1,988	2,854	3,343	3,450	3,357	3,238
Engineering.....	3,406	4,805	5,850	6,020	7,111	8,996	9,018	8,133	8,161	8,602
<b>Black</b>										
S&E.....	10,941	10,450	10,424	11,773	13,682	17,111	18,285	19,341	20,330	21,773
Natural sciences.....	1,850	1,844	1,682	1,938	2,148	2,799	2,994	3,318	3,360	3,475
Physical sciences.....	575	535	536	633	700	844	897	952	903	879
Earth, atmospheric, and ocean sciences.....	114	127	93	95	140	223	215	203	213	227
Biological sciences.....	1,161	1,182	1,053	1,210	1,308	1,732	1,882	2,163	2,244	2,369
Mathematics/computer sciences.....	971	1,031	1,210	1,311	1,617	1,877	1,844	1,957	2,095	2,317
Mathematics.....	403	409	441	463	524	710	689	657	594	591
Computer sciences.....	568	622	769	848	1,093	1,167	1,155	1,300	1,501	1,726
Agricultural sciences.....	129	137	133	153	145	237	297	230	277	301
Social/behavioral sciences.....	6,613	6,051	5,983	6,755	7,747	9,637	10,293	10,957	11,633	12,759
Psychology.....	1,880	1,790	1,794	2,061	2,455	3,284	3,359	3,644	3,787	4,621
Social sciences.....	4,733	4,261	4,189	4,694	5,292	6,353	6,934	7,313	7,846	8,138
Engineering.....	1,378	1,387	1,416	1,616	2,025	2,561	2,857	2,879	2,965	2,921
<b>Hispanic</b>										
S&E.....	8,810	8,613	8,822	9,433	11,040	13,380	14,112	14,984	16,533	17,983
Natural sciences.....	1,694	1,771	1,849	2,087	2,268	2,765	2,921	3,171	3,481	3,631
Physical sciences.....	563	599	591	681	649	747	731	782	895	896
Earth, atmospheric, and ocean sciences.....	224	238	227	208	250	370	365	399	400	397
Biological sciences.....	907	934	1,031	1,198	1,369	1,648	1,825	1,990	2,186	2,338
Mathematics/computer sciences.....	615	750	817	847	980	1,110	1,064	1,150	1,319	1,399
Mathematics.....	330	262	266	305	349	415	400	427	447	498
Computer sciences.....	285	488	551	542	631	695	664	723	872	901
Agricultural sciences.....	225	321	221	297	279	308	289	408	417	422
Social/behavioral sciences.....	4,835	4,290	4,205	4,495	5,389	6,501	7,030	7,443	8,392	9,333
Psychology.....	1,814	1,611	1,665	1,751	2,365	2,562	2,799	3,075	3,575	4,323
Social sciences.....	3,021	2,679	2,540	2,744	3,024	3,939	4,231	4,368	4,817	5,010
Engineering.....	1,441	1,481	1,730	1,707	2,124	2,696	2,808	2,812	2,924	3,198

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Field, citizenship, and race/ethnicity	1983	1985	1987	1989	1991	1993	1995	1997	1999	2001
<b>American Indian/Alaskan Native</b>										
S&E.....	911	737	782	860	1,120	1,309	1,516	1,599	1,556	1,687
Natural sciences.....	190	146	154	155	220	283	333	349	318	356
Physical sciences.....	45	35	46	44	62	81	76	70	69	81
Earth, atmospheric, and ocean sciences.....	27	23	18	26	29	45	52	82	63	70
Biological sciences.....	118	88	90	85	129	157	205	197	186	205
Mathematics/computer sciences.....	53	79	76	74	63	102	126	103	105	126
Mathematics.....	31	22	48	34	20	32	70	43	30	38
Computer sciences.....	22	57	28	40	43	70	56	60	75	88
Agricultural sciences.....	34	22	29	25	31	35	60	62	68	57
Social/behavioral sciences.....	454	368	400	484	622	680	767	846	823	921
Psychology.....	135	135	152	180	252	289	330	341	303	336
Social sciences.....	319	233	248	304	370	391	437	505	520	585
Engineering.....	180	122	123	122	184	209	230	239	242	227
<b>Unknown race/ethnicity</b>										
S&E.....	22,096	25,816	21,145	17,226	16,469	17,435	18,290	18,725	18,588	21,335
Natural sciences.....	3,464	4,407	4,116	2,623	2,167	2,801	3,309	3,633	3,849	4,242
Physical sciences.....	1,214	1,611	1,794	994	745	840	1,020	1,001	973	1,292
Earth, atmospheric, and ocean sciences.....	754	1,211	738	393	364	537	473	530	480	451
Biological sciences.....	1,496	1,585	1,584	1,236	1,058	1,424	1,816	2,102	2,396	2,499
Mathematics/computer sciences.....	3,178	4,628	3,509	3,130	3,002	3,128	2,733	2,949	2,976	3,660
Mathematics.....	818	1,115	1,205	995	1,102	1,117	761	646	598	683
Computer sciences.....	2,360	3,513	2,304	2,135	1,900	2,011	1,972	2,303	2,378	2,977
Agricultural sciences.....	398	406	217	246	137	206	377	347	270	476
Social/behavioral sciences.....	6,438	7,142	5,646	4,830	5,164	5,600	6,998	7,310	7,660	8,629
Psychology.....	2,396	2,377	1,950	1,861	2,253	2,409	3,322	3,425	3,567	3,282
Social sciences.....	4,042	4,765	3,696	2,969	2,911	3,191	3,676	3,885	4,093	5,347
Engineering.....	8,618	9,233	7,657	6,397	5,999	5,700	4,873	4,486	3,833	4,328
<b>Foreign citizen<sup>a</sup></b>										
S&E.....	70,203	76,790	88,763	98,065	108,607	105,666	98,503	98,961	109,890	133,298
Natural sciences.....	15,462	17,658	21,469	25,105	28,091	28,136	26,546	24,556	24,870	27,139
Physical sciences.....	7,625	8,942	10,628	11,773	12,725	12,252	11,409	10,895	11,132	11,993
Earth, atmospheric, and ocean sciences.....	1,846	1,865	2,190	2,575	2,897	3,008	2,947	2,515	2,520	2,761
Biological sciences.....	5,991	6,851	8,651	10,757	12,469	12,876	12,190	11,146	11,218	12,385
Mathematics/computer sciences.....	10,406	12,842	14,906	16,377	18,258	18,043	16,604	18,461	23,082	32,219
Mathematics.....	4,953	5,345	6,129	6,683	6,634	6,134	5,809	5,544	5,927	6,470
Computer sciences.....	5,453	7,497	8,777	9,694	11,624	11,909	10,795	12,917	17,155	25,749
Agricultural sciences.....	2,752	2,647	2,902	2,936	3,195	3,121	3,079	2,706	2,474	2,503
Social/behavioral sciences.....	14,086	14,812	16,097	16,947	17,709	17,071	16,790	16,732	17,961	19,527
Psychology.....	1,433	1,492	1,539	1,631	1,988	1,881	2,087	2,008	2,239	2,513
Social sciences.....	12,653	13,320	14,558	15,316	15,721	15,190	14,703	14,724	15,722	17,014
Engineering.....	27,497	28,831	33,389	36,700	41,354	39,295	35,484	36,506	41,503	51,910

<sup>a</sup>Includes temporary residents only.SOURCE: National Science Foundation, Division of Science Resources Statistics, WebCASPAR database system, <http://caspar.nsf.gov>.