

Appendix table 2-21

Earned associate's degrees, by sex and field: 2000–11

Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Both sexes												
All fields	573,496	585,610	600,294	637,953	670,335	701,734	718,182	733,151	755,598	793,279	856,381	949,963
S&E	38,434	45,226	51,194	62,805	60,246	54,750	49,850	47,485	49,166	54,284	62,211	76,021
Engineering	1,794	1,898	1,781	2,278	2,843	2,557	2,291	2,272	2,403	2,329	2,665	2,994
Aerospace	1	0	0	0	0	0	2	0	0	0	2	0
Chemical	16	18	28	7	305	2	7	3	1	10	9	31
Civil	58	53	46	62	58	52	43	64	37	62	47	71
Electrical	280	309	182	672	910	691	531	459	422	242	236	199
Industrial	84	77	62	73	72	68	74	80	98	109	132	132
Materials	11	14	10	12	12	13	10	8	9	5	10	6
Mechanical	60	122	83	77	47	84	51	53	59	95	77	76
Other	1,284	1,305	1,370	1,375	1,439	1,647	1,573	1,605	1,777	1,806	2,152	2,479
Science	36,640	43,328	49,413	60,527	57,403	52,193	47,559	45,213	46,763	51,955	59,546	73,027
Natural sciences	29,130	35,718	41,243	52,130	48,289	42,494	37,622	34,536	35,299	37,536	40,801	48,061
Agricultural sciences	1,976	2,106	2,001	2,018	1,966	1,908	1,934	1,790	1,762	1,811	1,952	2,138
Biological sciences	1,484	1,536	1,577	1,786	1,753	1,979	2,028	2,224	2,379	2,546	2,881	3,440
Earth, atmospheric, and ocean sciences	82	82	58	52	41	45	67	69	67	98	99	95
Atmospheric sciences	0	1	0	0	2	2	7	10	5	4	16	10
Earth sciences	28	38	28	34	25	23	40	41	39	59	55	50
Oceanography	54	43	30	18	14	20	20	18	23	35	28	35
Mathematics/computer sciences	24,251	30,809	36,264	47,135	42,955	36,947	31,923	28,507	29,182	30,980	33,565	39,320
Computer sciences	23,576	30,113	35,578	46,400	42,153	36,140	31,170	27,680	28,327	30,050	32,514	37,675
Mathematics/statistics	675	696	686	735	802	807	753	827	855	930	1,051	1,645
Physical sciences	1,337	1,185	1,343	1,139	1,574	1,615	1,670	1,946	1,909	2,101	2,304	3,068
Astronomy	1	1	2	2	1	3	4	2	2	4	3	1
Chemistry	301	183	201	251	279	304	298	354	387	422	404	459
Physics	171	167	177	191	193	196	143	164	151	184	248	260
Other physical sciences	864	834	963	695	1,101	1,112	1,225	1,426	1,369	1,491	1,649	2,348
Social/behavioral sciences	7,510	7,610	8,170	8,397	9,114	9,699	9,937	10,677	11,464	14,419	18,745	24,966
Psychology	1,454	1,553	1,704	1,785	1,887	1,942	1,944	2,213	2,412	3,949	6,582	3,866
Social sciences	6,056	6,057	6,466	6,612	7,227	7,757	7,993	8,464	9,052	10,470	12,163	21,100
Anthropology	52	80	83	76	95	120	114	117	153	149	191	231
Area/ethnic studies	250	299	314	121	98	106	114	148	163	170	208	216
Economics	210	209	221	222	268	298	316	281	311	361	387	357
Linguistics	0	0	0	0	0	6	1	4	1	1	3	0
Political science/public administration	1,033	913	926	1,159	1,402	1,566	1,749	1,788	1,746	1,831	2,052	4,592
Sociology	366	371	416	456	552	500	475	510	546	599	658	862
Other social sciences	4,145	4,185	4,506	4,578	4,812	5,161	5,224	5,616	6,132	7,359	8,664	14,842
Non-S&E	535,062	540,384	549,100	575,148	610,089	646,984	668,332	685,666	706,432	738,995	794,170	873,942
Engineering technologies	40,470	39,732	37,901	39,600	37,020	32,488	29,710	30,097	31,643	33,243	34,553	38,222
Male												
All fields	228,913	234,384	239,864	254,633	261,845	269,283	271,951	277,006	284,443	300,266	325,486	363,998

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Earned associate's degrees, by sex and field: 2000–11

Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
S&E	20,101	24,722	29,609	38,126	36,955	33,964	30,680	29,069	30,266	32,506	36,468	43,490
Engineering	1,545	1,582	1,483	1,905	2,247	2,185	1,970	1,944	2,089	2,002	2,308	2,557
Aerospace	1	0	0	0	0	0	2	0	0	0	2	0
Chemical	11	16	26	6	117	1	5	2	1	8	5	24
Civil	38	34	29	48	41	39	31	44	31	48	40	55
Electrical	250	269	144	554	766	600	475	403	387	221	215	172
Industrial	69	60	56	62	66	62	65	71	91	102	122	124
Materials	10	11	9	8	10	11	7	7	8	5	7	5
Mechanical	52	115	74	70	43	82	48	47	50	76	62	61
Other	1,114	1,077	1,145	1,157	1,204	1,390	1,337	1,370	1,521	1,542	1,855	2,116
Science	18,556	23,140	28,126	36,221	34,708	31,779	28,710	27,125	28,177	30,504	34,160	40,933
Natural sciences	16,356	21,000	25,834	33,749	32,187	29,026	25,889	24,056	24,826	26,465	29,003	34,432
Agricultural sciences	1,185	1,319	1,237	1,244	1,257	1,259	1,194	1,116	1,127	1,124	1,157	1,364
Biological sciences	496	501	500	580	608	667	702	751	741	823	942	1,192
Earth, atmospheric, and ocean sciences	45	48	37	30	21	25	38	44	34	65	65	63
Atmospheric sciences	0	1	0	0	1	1	4	8	2	3	13	7
Earth sciences	12	26	17	15	12	11	24	22	18	42	31	29
Oceanography	33	21	20	15	8	13	10	14	14	20	21	27
Mathematics/computer sciences	14,011	18,534	23,362	31,299	29,417	26,115	22,965	21,040	21,818	23,243	25,455	30,140
Computer sciences	13,603	18,084	22,916	30,833	28,914	25,586	22,482	20,492	21,243	22,608	24,730	29,115
Mathematics/statistics	408	450	446	466	503	529	483	548	575	635	725	1,025
Physical sciences	619	598	698	596	884	960	990	1,105	1,106	1,210	1,384	1,673
Astronomy	1	1	1	1	1	3	4	1	2	3	3	0
Chemistry	126	99	108	121	125	156	153	150	183	197	214	222
Physics	94	107	109	132	134	132	117	131	118	145	189	194
Other physical sciences	398	391	480	342	624	669	716	823	803	865	978	1,257
Social/behavioral sciences	2,200	2,140	2,292	2,472	2,521	2,753	2,821	3,069	3,351	4,039	5,157	6,501
Psychology	326	360	370	441	434	445	446	517	554	744	1,271	896
Social sciences	1,874	1,780	1,922	2,031	2,087	2,308	2,375	2,552	2,797	3,295	3,886	5,605
Anthropology	21	30	28	35	26	40	26	33	44	50	61	67
Area/ethnic studies	56	44	63	33	40	40	36	53	59	52	88	66
Economics	116	114	90	113	141	158	178	154	165	220	233	209
Linguistics	0	0	0	0	0	3	0	0	0	0	1	0
Political science/public administration	251	204	225	271	286	372	367	361	386	437	475	811
Sociology	89	104	111	126	130	123	134	133	142	158	166	221
Other social sciences	1,341	1,284	1,405	1,453	1,464	1,572	1,634	1,818	2,001	2,378	2,862	4,231
Non-S&E	208,812	209,662	210,255	216,507	224,890	235,319	241,271	247,937	254,177	267,760	289,018	320,508
Engineering technologies	34,511	33,581	32,084	33,146	31,393	27,632	25,295	25,788	27,183	28,505	29,864	33,301
Female												
All fields	344,583	351,226	360,430	383,320	408,490	432,451	446,231	456,145	471,155	493,013	530,895	585,965
S&E	18,333	20,504	21,585	24,679	23,291	20,786	19,170	18,416	18,900	21,778	25,743	32,531
Engineering	249	316	298	373	596	372	321	328	314	327	357	437

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Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Aerospace	0	0	0	0	0	0	0	0	0	0	0	0
Chemical	5	2	2	1	188	1	2	1	0	2	4	7
Civil	20	19	17	14	17	13	12	20	6	14	7	16
Electrical	30	40	38	118	144	91	56	56	35	21	21	27
Industrial	15	17	6	11	6	6	9	9	7	7	10	8
Materials	1	3	1	4	2	2	3	1	1	0	3	1
Mechanical	8	7	9	7	4	2	3	6	9	19	15	15
Other	170	228	225	218	235	257	236	235	256	264	297	363
Science	18,084	20,188	21,287	24,306	22,695	20,414	18,849	18,088	18,586	21,451	25,386	32,094
Natural sciences	12,774	14,718	15,409	18,381	16,102	13,468	11,733	10,480	10,473	11,071	11,798	13,629
Agricultural sciences	791	787	764	774	709	649	740	674	635	687	795	774
Biological sciences	988	1,035	1,077	1,206	1,145	1,312	1,326	1,473	1,638	1,723	1,939	2,248
Earth, atmospheric, and ocean sciences	37	34	21	22	20	20	29	25	33	33	34	32
Atmospheric sciences	0	0	0	0	1	1	3	2	3	1	3	3
Earth sciences	16	12	11	19	13	12	16	19	21	17	24	21
Oceanography	21	22	10	3	6	7	10	4	9	15	7	8
Mathematics/computer sciences	10,240	12,275	12,902	15,836	13,538	10,832	8,958	7,467	7,364	7,737	8,110	9,180
Computer sciences	9,973	12,029	12,662	15,567	13,239	10,554	8,688	7,188	7,084	7,442	7,784	8,560
Mathematics/statistics	267	246	240	269	299	278	270	279	280	295	326	620
Physical sciences	718	587	645	543	690	655	680	841	803	891	920	1,395
Astronomy	0	0	1	1	0	0	0	1	0	1	0	1
Chemistry	175	84	93	130	154	148	145	204	204	225	190	237
Physics	77	60	68	59	59	64	26	33	33	39	59	66
Other physical sciences	466	443	483	353	477	443	509	603	566	626	671	1,091
Social/behavioral sciences	5,310	5,470	5,878	5,925	6,593	6,946	7,116	7,608	8,113	10,380	13,588	18,465
Psychology	1,128	1,193	1,334	1,344	1,453	1,497	1,498	1,696	1,858	3,205	5,311	2,970
Social sciences	4,182	4,277	4,544	4,581	5,140	5,449	5,618	5,912	6,255	7,175	8,277	15,495
Anthropology	31	50	55	41	69	80	88	84	109	99	130	164
Area/ethnic studies	194	255	251	88	58	66	78	95	104	118	120	150
Economics	94	95	131	109	127	140	138	127	146	141	154	148
Linguistics	0	0	0	0	0	3	1	4	1	1	2	0
Political science/public administration	782	709	701	888	1,116	1,194	1,382	1,427	1,360	1,394	1,577	3,781
Sociology	277	267	305	330	422	377	341	377	404	441	492	641

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Sex and field	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Other social sciences	2,804	2,901	3,101	3,125	3,348	3,589	3,590	3,798	4,131	4,981	5,802	10,611
Non-S&E	326,250	330,722	338,845	358,641	385,199	411,665	427,061	437,729	452,255	471,235	505,152	553,434
Engineering technologies	5,959	6,151	5,817	6,454	5,627	4,856	4,415	4,309	4,460	4,738	4,689	4,921

NOTES: Engineering technologies focused more on applied skills than on fundamental science and mathematics. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data from *Science and Engineering Indicators 2008* and earlier years that were based on accredited higher education institutions.

SOURCES: National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey; and National Science Foundation, National Center for Science and Engineering Statistics, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.

Science and Engineering Indicators 2014