

TABLE 5-2

## Bachelor's degrees awarded, by field and sex: 2006–16

(Number)

Field and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Both sexes											
All fields	1,502,922	1,541,704	1,580,413	1,619,028	1,668,227	1,734,229	1,811,404	1,861,034	1,890,941	1,916,129	1,942,140
S&E	478,858	485,772	496,168	505,435	525,374	554,365	589,567	615,475	635,915	650,057	666,157
Science	410,631	417,498	426,260	434,835	450,975	476,266	506,304	527,663	541,965	550,151	557,181
Agricultural sciences	17,307	17,696	18,474	19,152	20,400	22,759	25,060	27,609	28,796	29,460	30,540
Biological sciences	72,972	79,348	82,398	85,574	89,615	93,654	99,894	104,703	109,520	115,124	119,073
Computer sciences	48,000	42,596	38,922	38,496	40,107	43,586	48,034	51,586	56,130	60,309	65,186
Earth, atmospheric, and ocean sciences	3,987	4,077	4,314	4,542	4,802	5,299	5,865	6,291	6,730	7,155	7,283
Atmospheric sciences	651	745	736	721	691	678	735	749	751	734	714
Earth sciences	3,231	3,193	3,453	3,679	3,931	4,410	4,904	5,302	5,724	6,162	6,336
Ocean sciences	105	139	125	142	180	211	226	240	255	259	233
Mathematics and statistics	15,310	15,551	15,841	16,208	16,832	18,021	19,819	21,567	22,226	23,136	24,293
Physical sciences	16,390	17,007	17,652	17,942	18,402	19,198	20,421	21,276	22,222	22,481	22,746
Astronomy	366	332	346	335	388	364	392	357	429	393	453
Chemistry	10,887	11,250	11,832	12,144	12,338	12,888	13,714	14,024	14,682	14,669	14,672
Physics	4,566	4,870	4,876	4,842	5,000	5,221	5,557	6,107	6,283	6,681	6,968
Other	571	555	598	621	676	725	758	788	828	738	653
Psychology	88,551	90,498	92,989	94,743	97,746	101,568	109,782	115,373	118,405	118,768	118,646
Social sciences	148,114	150,725	155,670	158,178	163,071	172,181	177,429	179,258	177,936	173,718	169,414
Anthropology	8,100	8,086	8,853	9,153	9,566	10,022	11,128	11,536	11,302	10,165	9,330
Area and ethnic studies	6,975	7,120	7,323	7,598	7,364	7,817	7,860	7,585	7,104	6,620	6,601
Economics	24,707	24,825	26,281	27,628	29,090	30,013	29,457	30,034	31,585	34,344	35,045
History of science	113	114	103	100	110	138	122	119	133	131	111
Linguistics	1,201	1,340	1,505	1,478	1,682	1,808	2,109	2,184	2,225	2,275	2,289
Political science and public administration	53,589	54,598	55,889	55,319	57,649	59,752	60,801	60,244	59,260	56,814	54,822
Sociology	28,541	29,050	28,908	28,836	29,000	29,614	30,602	31,029	30,672	29,543	28,520
Other	24,888	25,592	26,808	28,066	28,610	33,017	35,350	36,527	35,655	33,826	32,696
Engineering	68,227	68,274	69,908	70,600	74,399	78,099	83,263	87,812	93,950	99,906	108,976
Aerospace engineering	2,753	2,828	2,934	3,037	3,207	3,342	3,545	3,490	3,565	3,871	3,874
Chemical engineering	4,857	5,081	5,504	5,894	6,692	7,535	8,344	8,917	9,706	10,837	12,125
Civil engineering	10,663	11,318	12,243	12,787	13,482	14,840	15,175	15,882	15,551	15,374	16,013
Electrical engineering	19,933	18,547	17,357	16,184	16,290	16,485	17,380	18,412	19,991	21,357	23,416
Industrial engineering	3,890	3,529	3,566	3,879	4,184	4,293	4,689	4,779	5,323	5,813	6,339
Materials engineering	1,006	1,025	1,150	1,070	1,138	1,140	1,322	1,448	1,513	1,687	1,891
Mechanical engineering	16,163	16,911	17,685	17,643	18,858	19,470	20,889	22,300	24,679	26,742	29,589
Other	8,962	9,035	9,469	10,106	10,548	10,994	11,919	12,584	13,622	14,225	15,729
Non-S&E	1,024,064	1,055,932	1,084,245	1,113,593	1,142,853	1,179,864	1,221,837	1,245,559	1,255,026	1,266,072	1,275,983

TABLE 5-2

## Bachelor's degrees awarded, by field and sex: 2006–16

(Number)

Field and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Female											
All fields	866,363	886,311	906,625	927,600	954,891	993,872	1,038,807	1,066,182	1,081,488	1,095,703	1,112,357
S&E	240,829	244,075	249,449	254,693	264,283	279,107	297,677	309,698	317,900	322,935	330,883
Science	227,491	231,422	236,528	241,943	250,590	264,449	281,696	292,764	299,274	302,878	308,089
Agricultural sciences	8,909	8,915	9,457	9,818	10,709	11,855	13,444	14,826	15,525	16,234	16,934
Biological sciences	45,055	48,001	49,262	51,097	52,878	55,794	59,216	61,971	64,709	68,570	72,065
Computer sciences	9,939	7,944	6,884	6,894	7,306	7,700	8,751	9,209	10,144	10,863	12,222
Earth, atmospheric, and ocean sciences	1,646	1,678	1,755	1,768	1,889	2,080	2,295	2,400	2,596	2,701	2,793
Atmospheric sciences	219	262	263	235	236	217	263	249	258	265	236
Earth sciences	1,358	1,336	1,430	1,470	1,566	1,760	1,926	2,032	2,216	2,327	2,425
Ocean sciences	69	80	62	63	87	103	106	119	122	109	132
Mathematics and statistics	6,875	6,827	6,957	6,971	7,248	7,745	8,536	9,297	9,511	9,922	10,302
Physical sciences	6,953	6,986	7,284	7,451	7,598	7,794	8,284	8,347	8,815	8,765	8,888
Astronomy	131	132	120	146	140	136	153	128	170	144	140
Chemistry	5,634	5,614	5,909	6,106	6,162	6,328	6,730	6,718	7,097	7,108	7,120
Physics	945	1,024	988	925	1,015	1,001	1,062	1,162	1,186	1,219	1,347
Other	243	216	267	274	281	329	339	339	362	294	281
Psychology	68,576	70,052	71,682	73,164	75,336	78,167	84,181	88,329	90,851	91,688	92,069
Social sciences	79,538	81,019	83,247	84,780	87,626	93,314	96,989	98,385	97,123	94,135	92,816
Anthropology	5,606	5,630	6,120	6,430	6,703	7,024	7,927	8,175	8,083	7,351	6,819
Area and ethnic studies	4,512	4,559	4,697	4,866	4,701	5,054	5,145	4,987	4,683	4,378	4,420
Economics	7,664	7,630	8,044	8,346	8,895	9,187	8,780	9,185	9,762	10,660	11,113
History of science	67	70	52	52	76	78	73	77	81	72	62
Linguistics	754	879	1,003	975	1,124	1,235	1,420	1,492	1,517	1,575	1,605
Political science and public administration	27,127	27,545	28,155	28,135	29,799	30,777	31,514	31,473	31,082	29,790	29,396
Sociology	19,993	20,352	20,121	20,129	20,142	20,626	21,169	21,522	21,074	20,389	20,060
Other	13,815	14,354	15,055	15,847	16,186	19,333	20,961	21,474	20,841	19,920	19,341
Engineering	13,338	12,653	12,921	12,750	13,693	14,658	15,981	16,934	18,626	20,057	22,794
Aerospace engineering	501	452	441	437	463	439	463	479	488	515	551
Chemical engineering	1,678	1,743	1,834	1,917	2,149	2,307	2,535	2,657	2,977	3,186	3,660
Civil engineering	2,422	2,499	2,752	2,755	2,893	3,278	3,428	3,656	3,701	3,779	4,195
Electrical engineering	2,587	2,109	1,907	1,606	1,740	1,741	1,923	2,067	2,331	2,541	2,932
Industrial engineering	1,174	1,056	1,009	1,056	1,136	1,164	1,276	1,282	1,454	1,637	1,854
Materials engineering	269	272	272	263	294	321	368	430	412	473	536
Mechanical engineering	2,113	2,017	2,093	1,972	2,163	2,208	2,538	2,687	3,107	3,443	4,006
Other	2,594	2,505	2,613	2,744	2,855	3,200	3,450	3,676	4,156	4,483	5,060
Non-S&E	625,534	642,236	657,176	672,907	690,608	714,765	741,130	756,484	763,588	772,768	781,474

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## Bachelor's degrees awarded, by field and sex: 2006–16

(Number)

Field and sex	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Male											
All fields	636,559	655,393	673,788	691,428	713,336	740,357	772,597	794,852	809,453	820,426	829,783
S&E	238,029	241,697	246,719	250,742	261,091	275,258	291,890	305,777	318,015	327,122	335,274
Science	183,140	186,076	189,732	192,892	200,385	211,817	224,608	234,899	242,691	247,273	249,092
Agricultural sciences	8,398	8,781	9,017	9,334	9,691	10,904	11,616	12,783	13,271	13,226	13,606
Biological sciences	27,917	31,347	33,136	34,477	36,737	37,860	40,678	42,732	44,811	46,554	47,008
Computer sciences	38,061	34,652	32,038	31,602	32,801	35,886	39,283	42,377	45,986	49,446	52,964
Earth, atmospheric, and ocean sciences	2,341	2,399	2,559	2,774	2,913	3,219	3,570	3,891	4,134	4,454	4,490
Atmospheric sciences	432	483	473	486	455	461	472	500	493	469	478
Earth sciences	1,873	1,857	2,023	2,209	2,365	2,650	2,978	3,270	3,508	3,835	3,911
Ocean sciences	36	59	63	79	93	108	120	121	133	150	101
Mathematics and statistics	8,435	8,724	8,884	9,237	9,584	10,276	11,283	12,270	12,715	13,214	13,991
Physical sciences	9,437	10,021	10,368	10,491	10,804	11,404	12,137	12,929	13,407	13,716	13,858
Astronomy	235	200	226	189	248	228	239	229	259	249	313
Chemistry	5,253	5,636	5,923	6,038	6,176	6,560	6,984	7,306	7,585	7,561	7,552
Physics	3,621	3,846	3,888	3,917	3,985	4,220	4,495	4,945	5,097	5,462	5,621
Other	328	339	331	347	395	396	419	449	466	444	372
Psychology	19,975	20,446	21,307	21,579	22,410	23,401	25,601	27,044	27,554	27,080	26,577
Social sciences	68,576	69,706	72,423	73,398	75,445	78,867	80,440	80,873	80,813	79,583	76,598
Anthropology	2,494	2,456	2,733	2,723	2,863	2,998	3,201	3,361	3,219	2,814	2,511
Area and ethnic studies	2,463	2,561	2,626	2,732	2,663	2,763	2,715	2,598	2,421	2,242	2,181
Economics	17,043	17,195	18,237	19,282	20,195	20,826	20,677	20,849	21,823	23,684	23,932
History of science	46	44	51	48	34	60	49	42	52	59	49
Linguistics	447	461	502	503	558	573	689	692	708	700	684
Political science and public administration	26,462	27,053	27,734	27,184	27,850	28,975	29,287	28,771	28,178	27,024	25,426
Sociology	8,548	8,698	8,787	8,707	8,858	8,988	9,433	9,507	9,598	9,154	8,460
Other	11,073	11,238	11,753	12,219	12,424	13,684	14,389	15,053	14,814	13,906	13,355
Engineering	54,889	55,621	56,987	57,850	60,706	63,441	67,282	70,878	75,324	79,849	86,182
Aerospace engineering	2,252	2,376	2,493	2,600	2,744	2,903	3,082	3,011	3,077	3,356	3,323
Chemical engineering	3,179	3,338	3,670	3,977	4,543	5,228	5,809	6,260	6,729	7,651	8,465
Civil engineering	8,241	8,819	9,491	10,032	10,589	11,562	11,747	12,226	11,850	11,595	11,818
Electrical engineering	17,346	16,438	15,450	14,578	14,550	14,744	15,457	16,345	17,660	18,816	20,484
Industrial engineering	2,716	2,473	2,557	2,823	3,048	3,129	3,413	3,497	3,869	4,176	4,485
Materials engineering	737	753	878	807	844	819	954	1,018	1,101	1,214	1,355
Mechanical engineering	14,050	14,894	15,592	15,671	16,695	17,262	18,351	19,613	21,572	23,299	25,583
Other	6,368	6,530	6,856	7,362	7,693	7,794	8,469	8,908	9,466	9,742	10,669
Non-S&E	398,530	413,696	427,069	440,686	452,245	465,099	480,707	489,075	491,438	493,304	494,509

TABLE 5-2

**Bachelor's degrees awarded, by field and sex: 2006–16**

(Number)

**S&E = science and engineering.**

**Note(s)**

Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data that were based on accredited higher education institutions. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data that were based on accredited higher education institutions.

**Source(s)**

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised provisional release data.