

Table 5-2

## Bachelor's degrees awarded, by field and sex: 2008–18

(Number)

Sex and field	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Both sexes											
All fields	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	1,973,112	2,001,610
S&E	496,168	505,435	525,374	554,365	589,567	615,475	635,915	650,057	666,157	684,557	707,158
Science	426,260	434,835	450,975	476,266	506,304	527,663	541,965	550,151	557,181	566,630	582,830
Agricultural sciences	18,474	19,152	20,400	22,759	25,060	27,609	28,796	29,460	30,540	31,089	32,462
Biological sciences	82,398	85,574	89,615	93,654	99,894	104,703	109,520	115,124	119,073	121,742	125,068
Computer sciences	38,922	38,496	40,107	43,586	48,034	51,586	56,130	60,309	65,186	72,129	80,271
Earth, atmospheric, and ocean sciences	4,314	4,542	4,802	5,299	5,865	6,291	6,730	7,155	7,283	7,320	7,431
Atmospheric sciences	736	721	691	678	735	749	751	734	714	685	714
Earth sciences	3,453	3,679	3,931	4,410	4,904	5,302	5,724	6,162	6,336	6,420	6,536
Ocean sciences	125	142	180	211	226	240	255	259	233	215	181
Mathematics and statistics	15,841	16,208	16,832	18,021	19,819	21,567	22,226	23,136	24,293	25,808	27,161
Physical sciences	17,652	17,942	18,402	19,198	20,421	21,276	22,222	22,481	22,746	23,410	23,656
Astronomy	346	335	388	364	392	357	429	393	453	536	591
Chemistry	11,832	12,144	12,338	12,888	13,714	14,024	14,682	14,669	14,672	15,123	14,948
Physics	4,876	4,842	5,000	5,221	5,557	6,107	6,283	6,681	6,968	7,117	7,534
Other	598	621	676	725	758	788	828	738	653	634	583
Psychology	92,989	94,743	97,746	101,568	109,782	115,373	118,405	118,768	118,646	117,441	117,574
Social sciences	155,670	158,178	163,071	172,181	177,429	179,258	177,936	173,718	169,414	167,691	169,207
Anthropology	8,853	9,153	9,566	10,022	11,128	11,536	11,302	10,165	9,330	8,566	8,621
Area and ethnic studies	7,323	7,598	7,364	7,817	7,860	7,585	7,104	6,620	6,601	6,433	6,420
Economics	26,281	27,628	29,090	30,013	29,457	30,034	31,585	34,344	35,045	35,638	36,902
History of science	103	100	110	138	122	119	133	131	111	117	100
Linguistics	1,505	1,478	1,682	1,808	2,109	2,184	2,225	2,275	2,289	2,299	2,305
Political science and public administration	55,889	55,319	57,649	59,752	60,801	60,244	59,260	56,814	54,822	54,875	55,805
Sociology	28,908	28,836	29,000	29,614	30,602	31,029	30,672	29,543	28,520	27,929	27,838
Other	26,808	28,066	28,610	33,017	35,350	36,527	35,655	33,826	32,696	31,834	31,216
Engineering	69,908	70,600	74,399	78,099	83,263	87,812	93,950	99,906	108,976	117,927	124,328
Aerospace engineering	2,934	3,037	3,207	3,342	3,545	3,490	3,565	3,871	3,874	4,021	4,132
Chemical engineering	5,504	5,894	6,692	7,535	8,344	8,917	9,706	10,837	12,125	13,327	13,968
Civil engineering	12,243	12,787	13,482	14,840	15,175	15,882	15,551	15,374	16,013	16,398	16,919
Electrical engineering	17,357	16,184	16,290	16,485	17,380	18,412	19,991	21,357	23,416	25,715	26,918
Industrial engineering	3,566	3,879	4,184	4,293	4,689	4,779	5,323	5,813	6,339	6,906	7,275
Materials engineering	1,150	1,070	1,138	1,140	1,322	1,448	1,513	1,687	1,891	1,968	1,928
Mechanical engineering	17,685	17,643	18,858	19,470	20,889	22,300	24,679	26,742	29,589	32,747	35,587
Other	9,469	10,106	10,548	10,994	11,919	12,584	13,622	14,225	15,729	16,845	17,601

Table 5-2

## Bachelor's degrees awarded, by field and sex: 2008–18

(Number)

Sex and field	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Non-S&E	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	1,288,555	1,294,452
Female											
All fields	906,625	927,600	954,891	993,872	1,038,807	1,066,182	1,081,488	1,095,703	1,112,357	1,130,489	1,148,820
S&E	249,449	254,693	264,283	279,107	297,677	309,698	317,900	322,935	330,883	338,470	350,674
Science	236,528	241,943	250,590	264,449	281,696	292,764	299,274	302,878	308,089	313,097	323,074
Agricultural sciences	9,457	9,818	10,709	11,855	13,444	14,826	15,525	16,234	16,934	17,305	18,469
Biological sciences	49,262	51,097	52,878	55,794	59,216	61,971	64,709	68,570	72,065	74,923	78,568
Computer sciences	6,884	6,894	7,306	7,700	8,751	9,209	10,144	10,863	12,222	13,802	16,001
Earth, atmospheric, and ocean sciences	1,755	1,768	1,889	2,080	2,295	2,400	2,596	2,701	2,793	2,849	2,854
Atmospheric sciences	263	235	236	217	263	249	258	265	236	267	246
Earth sciences	1,430	1,470	1,566	1,760	1,926	2,032	2,216	2,327	2,425	2,462	2,502
Ocean sciences	62	63	87	103	106	119	122	109	132	120	106
Mathematics and statistics	6,957	6,971	7,248	7,745	8,536	9,297	9,511	9,922	10,302	10,753	11,490
Physical sciences	7,284	7,451	7,598	7,794	8,284	8,347	8,815	8,765	8,888	9,357	9,607
Astronomy	120	146	140	136	153	128	170	144	140	176	208
Chemistry	5,909	6,106	6,162	6,328	6,730	6,718	7,097	7,108	7,120	7,472	7,588
Physics	988	925	1,015	1,001	1,062	1,162	1,186	1,219	1,347	1,454	1,570
Other	267	274	281	329	339	339	362	294	281	255	241
Psychology	71,682	73,164	75,336	78,167	84,181	88,329	90,851	91,688	92,069	91,745	92,701
Social sciences	83,247	84,780	87,626	93,314	96,989	98,385	97,123	94,135	92,816	92,363	93,384
Anthropology	6,120	6,430	6,703	7,024	7,927	8,175	8,083	7,351	6,819	6,235	6,287
Area and ethnic studies	4,697	4,866	4,701	5,054	5,145	4,987	4,683	4,378	4,420	4,391	4,372
Economics	8,044	8,346	8,895	9,187	8,780	9,185	9,762	10,660	11,113	11,342	11,848
History of science	52	52	76	78	73	77	81	72	62	63	53
Linguistics	1,003	975	1,124	1,235	1,420	1,492	1,517	1,575	1,605	1,603	1,603
Political science and public administration	28,155	28,135	29,799	30,777	31,514	31,473	31,082	29,790	29,396	30,078	30,646
Sociology	20,121	20,129	20,142	20,626	21,169	21,522	21,074	20,389	20,060	19,664	19,922
Other	15,055	15,847	16,186	19,333	20,961	21,474	20,841	19,920	19,341	18,987	18,653
Engineering	12,921	12,750	13,693	14,658	15,981	16,934	18,626	20,057	22,794	25,373	27,600
Aerospace engineering	441	437	463	439	463	479	488	515	551	555	575
Chemical engineering	1,834	1,917	2,149	2,307	2,535	2,657	2,977	3,186	3,660	4,069	4,477
Civil engineering	2,752	2,755	2,893	3,278	3,428	3,656	3,701	3,779	4,195	4,439	4,671
Electrical engineering	1,907	1,606	1,740	1,741	1,923	2,067	2,331	2,541	2,932	3,305	3,716
Industrial engineering	1,009	1,056	1,136	1,164	1,276	1,282	1,454	1,637	1,854	2,097	2,204
Materials engineering	272	263	294	321	368	430	412	473	536	592	624
Mechanical engineering	2,093	1,972	2,163	2,208	2,538	2,687	3,107	3,443	4,006	4,670	5,092

Table 5-2

## Bachelor's degrees awarded, by field and sex: 2008–18

(Number)

Sex and field	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Other	2,613	2,744	2,855	3,200	3,450	3,676	4,156	4,483	5,060	5,646	6,241
Non-S&E	657,176	672,907	690,608	714,765	741,130	756,484	763,588	772,768	781,474	792,019	798,146
Male											
All fields	673,788	691,428	713,336	740,357	772,597	794,852	809,453	820,426	829,783	842,623	852,790
S&E	246,719	250,742	261,091	275,258	291,890	305,777	318,015	327,122	335,274	346,087	356,484
Science	189,732	192,892	200,385	211,817	224,608	234,899	242,691	247,273	249,092	253,533	259,756
Agricultural sciences	9,017	9,334	9,691	10,904	11,616	12,783	13,271	13,226	13,606	13,784	13,993
Biological sciences	33,136	34,477	36,737	37,860	40,678	42,732	44,811	46,554	47,008	46,819	46,500
Computer sciences	32,038	31,602	32,801	35,886	39,283	42,377	45,986	49,446	52,964	58,327	64,270
Earth, atmospheric, and ocean sciences	2,559	2,774	2,913	3,219	3,570	3,891	4,134	4,454	4,490	4,471	4,577
Atmospheric sciences	473	486	455	461	472	500	493	469	478	418	468
Earth sciences	2,023	2,209	2,365	2,650	2,978	3,270	3,508	3,835	3,911	3,958	4,034
Ocean sciences	63	79	93	108	120	121	133	150	101	95	75
Mathematics and statistics	8,884	9,237	9,584	10,276	11,283	12,270	12,715	13,214	13,991	15,055	15,671
Physical sciences	10,368	10,491	10,804	11,404	12,137	12,929	13,407	13,716	13,858	14,053	14,049
Astronomy	226	189	248	228	239	229	259	249	313	360	383
Chemistry	5,923	6,038	6,176	6,560	6,984	7,306	7,585	7,561	7,552	7,651	7,360
Physics	3,888	3,917	3,985	4,220	4,495	4,945	5,097	5,462	5,621	5,663	5,964
Other	331	347	395	396	419	449	466	444	372	379	342
Psychology	21,307	21,579	22,410	23,401	25,601	27,044	27,554	27,080	26,577	25,696	24,873
Social sciences	72,423	73,398	75,445	78,867	80,440	80,873	80,813	79,583	76,598	75,328	75,823
Anthropology	2,733	2,723	2,863	2,998	3,201	3,361	3,219	2,814	2,511	2,331	2,334
Area and ethnic studies	2,626	2,732	2,663	2,763	2,715	2,598	2,421	2,242	2,181	2,042	2,048
Economics	18,237	19,282	20,195	20,826	20,677	20,849	21,823	23,684	23,932	24,296	25,054
History of science	51	48	34	60	49	42	52	59	49	54	47
Linguistics	502	503	558	573	689	692	708	700	684	696	702
Political science and public administration	27,734	27,184	27,850	28,975	29,287	28,771	28,178	27,024	25,426	24,797	25,159
Sociology	8,787	8,707	8,858	8,988	9,433	9,507	9,598	9,154	8,460	8,265	7,916
Other	11,753	12,219	12,424	13,684	14,389	15,053	14,814	13,906	13,355	12,847	12,563
Engineering	56,987	57,850	60,706	63,441	67,282	70,878	75,324	79,849	86,182	92,554	96,728
Aerospace engineering	2,493	2,600	2,744	2,903	3,082	3,011	3,077	3,356	3,323	3,466	3,557
Chemical engineering	3,670	3,977	4,543	5,228	5,809	6,260	6,729	7,651	8,465	9,258	9,491
Civil engineering	9,491	10,032	10,589	11,562	11,747	12,226	11,850	11,595	11,818	11,959	12,248
Electrical engineering	15,450	14,578	14,550	14,744	15,457	16,345	17,660	18,816	20,484	22,410	23,202
Industrial engineering	2,557	2,823	3,048	3,129	3,413	3,497	3,869	4,176	4,485	4,809	5,071
Materials engineering	878	807	844	819	954	1,018	1,101	1,214	1,355	1,376	1,304

**Table 5-2****Bachelor's degrees awarded, by field and sex: 2008–18**

(Number)

Sex and field	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Mechanical engineering	15,592	15,671	16,695	17,262	18,351	19,613	21,572	23,299	25,583	28,077	30,495
Other	6,856	7,362	7,693	7,794	8,469	8,908	9,466	9,742	10,669	11,199	11,360
Non-S&E	427,069	440,686	452,245	465,099	480,707	489,075	491,438	493,304	494,509	496,536	496,306

S&amp;E = science and engineering.

**Note(s):**

Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs.

**Source(s):**

Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised provisional release data, accessed 14 January 2020.