



APPENDIX TABLE 2-20

### Degrees awarded to U.S. citizens and permanent residents, by sex, race, ethnicity, broad field category, and degree level: 2000 and 2015

(Number and percent)

Degree level and broad field category	2000					2015				
	All	Female	Male	Female (%)	Male (%)	All	Female	Male	Female (%)	Male (%)
Associate's level										
American Indian or Alaska Native										
All fields	6,282	4,131	2,151	65.8	34.2	9,517	6,109	3,408	64.2	35.8
S&E	608	386	222	63.5	36.5	1,077	591	486	54.9	45.1
Engineering	17	4	13	23.5	76.5	36	8	28	22.2	77.8
Natural sciences	384	220	164	57.3	42.7	537	216	321	40.2	59.8
Social and behavioral sciences	207	162	45	78.3	21.7	504	367	137	72.8	27.2
Non-S&E	5,674	3,745	1,929	66.0	34.0	8,440	5,518	2,922	65.4	34.6
Black or African American										
All fields	58,408	38,148	20,260	65.3	34.7	131,171	86,252	44,919	65.8	34.2
S&E	4,629	2,622	2,007	56.6	43.4	11,101	5,233	5,868	47.1	52.9
Engineering	131	25	106	19.1	80.9	322	33	289	10.2	89.8
Natural sciences	3,497	1,883	1,614	53.8	46.2	6,632	2,076	4,556	31.3	68.7
Social and behavioral sciences	1,001	714	287	71.3	28.7	4,147	3,124	1,023	75.3	24.7
Non-S&E	53,779	35,526	18,253	66.1	33.9	120,070	81,019	39,051	67.5	32.5



Degree level and broad field category	2000					2015				
	All	Female	Male	Female (%)	Male (%)	All	Female	Male	Female (%)	Male (%)
Hispanic or Latino										
All fields	57,971	33,760	24,211	58.2	41.8	181,156	111,966	69,190	61.8	38.2
S&E	4,361	2,280	2,081	52.3	47.7	19,046	10,088	8,958	53.0	47.0
Engineering	181	30	151	16.6	83.4	815	132	683	16.2	83.8
Natural sciences	2,986	1,396	1,590	46.8	53.2	8,078	2,583	5,495	32.0	68.0
Social and behavioral sciences	1,194	854	340	71.5	28.5	10,153	7,373	2,780	72.6	27.4
Non-S&E	53,610	31,480	22,130	58.7	41.3	162,110	101,878	60,232	62.8	37.2
White										
All fields	396,145	237,369	158,776	59.9	40.1	561,723	337,452	224,271	60.1	39.9
S&E	23,837	10,680	13,157	44.8	55.2	44,059	17,310	26,749	39.3	60.7
Engineering	1,177	148	1,029	12.6	87.4	2,862	341	2,521	11.9	88.1
Natural sciences	18,573	7,644	10,929	41.2	58.8	27,928	7,262	20,666	26.0	74.0
Social and behavioral sciences	4,087	2,888	1,199	70.7	29.3	13,269	9,707	3,562	73.2	26.8
Non-S&E	372,308	226,689	145,619	60.9	39.1	517,664	320,142	197,522	61.8	38.2
Asian or Pacific Islander										
All fields	27,313	15,522	11,791	56.8	43.2	50,258	28,621	21,637	56.9	43.1
S&E	2,649	1,284	1,365	48.5	51.5	6,641	2,919	3,722	44.0	56.0
Engineering	160	23	137	14.4	85.6	421	86	335	20.4	79.6



Degree level and broad field category	2000					2015				
	All	Female	Male	Female (%)	Male (%)	All	Female	Male	Female (%)	Male (%)
Natural sciences	2,010	939	1,071	46.7	53.3	3,846	1,290	2,556	33.5	66.5
Social and behavioral sciences	479	322	157	67.2	32.8	2,374	1,543	831	65.0	35.0
Non-S&E	24,664	14,238	10,426	57.7	42.3	43,617	25,702	17,915	58.9	41.1
Other or unknown race and ethnicity										
All fields	17,261	9,804	7,451	56.8	43.2	72,378	43,156	29,222	59.6	40.4
S&E	1,501	654	847	43.6	56.4	6,729	3,120	3,609	46.4	53.6
Engineering	60	8	52	13.3	86.7	320	49	271	15.3	84.7
Natural sciences	1,050	376	674	35.8	64.2	3,705	1,050	2,655	28.3	71.7
Social and behavioral sciences	391	270	121	69.1	30.9	2,704	2,021	683	74.7	25.3
Non-S&E	15,760	9,150	6,610	58.1	41.9	65,649	40,036	25,613	61.0	39.0
Bachelor's level										
American Indian or Alaska Native										
All fields	8,414	5,077	3,337	60.3	39.7	9,697	5,841	3,856	60.2	39.8
S&E	2,607	1,443	1,164	55.4	44.6	2,972	1,620	1,352	54.5	45.5
Engineering	326	89	237	27.3	72.7	316	76	240	24.1	75.9
Natural sciences	917	462	455	50.4	49.6	1,111	512	599	46.1	53.9
Social and behavioral sciences	1,364	892	472	65.4	34.6	1,545	1,032	513	66.8	33.2
Non-S&E	5,807	3,634	2,173	62.6	37.4	6,725	4,221	2,504	62.8	37.2



Degree level and broad field category	2000					2015				
	All	Female	Male	Female (%)	Male (%)	All	Female	Male	Female (%)	Male (%)
Black or African American										
All fields	104,341	68,679	35,662	65.8	34.2	182,778	117,189	65,589	64.1	35.9
S&E	32,993	20,975	12,018	63.6	36.4	53,649	32,845	20,804	61.2	38.8
Engineering	3,069	1,090	1,979	35.5	64.5	3,852	973	2,879	25.3	74.7
Natural sciences	10,796	6,464	4,332	59.9	40.1	17,286	8,920	8,366	51.6	48.4
Social and behavioral sciences	19,128	13,421	5,707	70.2	29.8	32,511	22,952	9,559	70.6	29.4
Non-S&E	71,348	47,704	23,644	66.9	33.1	129,129	84,344	44,785	65.3	34.7
Hispanic or Latino										
All fields	88,445	53,772	34,673	60.8	39.2	226,900	137,260	89,640	60.5	39.5
S&E	27,980	15,456	12,524	55.2	44.8	79,203	44,386	34,817	56.0	44.0
Engineering	4,075	988	3,087	24.2	75.8	9,960	2,209	7,751	22.2	77.8
Natural sciences	8,842	4,499	4,343	50.9	49.1	25,845	12,528	13,317	48.5	51.5
Social and behavioral sciences	15,063	9,969	5,094	66.2	33.8	43,398	29,649	13,749	68.3	31.7
Non-S&E	60,465	38,316	22,149	63.4	36.6	147,697	92,874	54,823	62.9	37.1
White										
All fields	896,511	508,407	388,104	56.7	43.3	1,150,065	646,445	503,620	56.2	43.8
S&E	270,341	133,114	137,227	49.2	50.8	373,795	176,865	196,930	47.3	52.7
Engineering	39,025	7,274	31,751	18.6	81.4	60,596	11,206	49,390	18.5	81.5





Degree level and broad field category	2000					2015				
	All	Female	Male	Female (%)	Male (%)	All	Female	Male	Female (%)	Male (%)
American Indian or Alaska Native										
All fields	2,109	1,329	780	63.0	37.0	3,116	2,006	1,110	64.4	35.6
S&E	383	190	193	49.6	50.4	548	311	237	56.8	43.2
Engineering	64	16	48	25.0	75.0	59	18	41	30.5	69.5
Natural sciences	108	36	72	33.3	66.7	158	71	87	44.9	55.1
Social and behavioral sciences	211	138	73	65.4	34.6	331	222	109	67.1	32.9
Non-S&E	1,726	1,139	587	66.0	34.0	2,568	1,695	873	66.0	34.0
Black or African American										
All fields	33,589	23,173	10,416	69.0	31.0	79,680	55,842	23,838	70.1	29.9
S&E	5,563	3,320	2,243	59.7	40.3	13,239	8,415	4,824	63.6	36.4
Engineering	658	207	451	31.5	68.5	1,323	370	953	28.0	72.0
Natural sciences	1,179	588	591	49.9	50.1	3,337	1,538	1,799	46.1	53.9
Social and behavioral sciences	3,726	2,525	1,201	67.8	32.2	8,579	6,507	2,072	75.8	24.2
Non-S&E	28,026	19,853	8,173	70.8	29.2	66,441	47,427	19,014	71.4	28.6
Hispanic or Latino										
All fields	20,911	12,861	8,050	61.5	38.5	58,619	37,676	20,943	64.3	35.7
S&E	3,762	1,841	1,921	48.9	51.1	11,392	6,008	5,384	52.7	47.3
Engineering	852	201	651	23.6	76.4	2,290	555	1,735	24.2	75.8





Degree level and broad field category	2000					2015				
	All	Female	Male	Female (%)	Male (%)	All	Female	Male	Female (%)	Male (%)
All fields	26,048	14,612	11,436	56.1	43.9	68,250	40,910	27,340	59.9	40.1
S&E	4,545	2,065	2,480	45.4	54.6	12,938	6,661	6,277	51.5	48.5
Engineering	940	192	748	20.4	79.6	2,308	536	1,772	23.2	76.8
Natural sciences	1,415	536	879	37.9	62.1	4,172	1,750	2,422	41.9	58.1
Social and behavioral sciences	2,190	1,337	853	61.1	38.9	6,458	4,375	2,083	67.7	32.3
Non-S&E	21,503	12,547	8,956	58.3	41.7	55,312	34,249	21,063	61.9	38.1
Doctoral level <sup>a</sup>										
American Indian or Alaska Native										
All fields	155	100	55	64.5	35.5	264	158	106	59.8	40.2
S&E	82	52	30	63.4	36.6	137	84	53	61.3	38.7
Engineering	5	2	3	40.0	60.0	12	4	8	33.3	66.7
Natural sciences	34	16	18	47.1	52.9	71	40	31	56.3	43.7
Social and behavioral sciences	43	34	9	79.1	20.9	54	40	14	74.1	25.9
Non-S&E	73	48	25	65.8	34.2	127	74	53	58.3	41.7
Black or African American										
All fields	2,147	1,314	833	61.2	38.8	5,050	3,472	1,578	68.8	31.2
S&E	821	462	359	56.3	43.7	1,855	1,237	618	66.7	33.3
Engineering	91	29	62	31.9	68.1	165	55	110	33.3	66.7







Degree level and broad field category	2000					2015				
	All	Female	Male	Female (%)	Male (%)	All	Female	Male	Female (%)	Male (%)
All fields	2,297	1,013	1,284	44.1	55.9	3,740	2,072	1,668	55.4	44.6
S&E	1,714	704	1,010	41.1	58.9	2,703	1,415	1,288	52.3	47.7
Engineering	380	81	299	21.3	78.7	665	205	460	30.8	69.2
Natural sciences	979	412	567	42.1	57.9	1,546	872	674	56.4	43.6
Social and behavioral sciences	355	211	144	59.4	40.6	492	338	154	68.7	31.3
Non-S&E	583	309	274	53.0	47.0	1,037	657	380	63.4	36.6
Other or unknown race and ethnicity										
All fields	1,661	741	920	44.6	55.4	5,033	2,713	2,320	53.9	46.1
S&E	1,034	422	612	40.8	59.2	2,910	1,453	1,457	49.9	50.1
Engineering	146	28	118	19.2	80.8	469	121	348	25.8	74.2
Natural sciences	510	190	320	37.3	62.7	1,514	743	771	49.1	50.9
Social and behavioral sciences	378	204	174	54.0	46.0	927	589	338	63.5	36.5
Non-S&E	627	319	308	50.9	49.1	2,123	1,260	863	59.3	40.7

<sup>a</sup> At the doctoral level, medical sciences and other health sciences are included under natural sciences and consequently under S&E because at this level, these degrees are research degrees.

**Note(s)**

To compare data over time, the race and ethnicity categories are the historic categories, not the most recent.

**Source(s)**



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

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