

Table 2-8

Undergraduate enrollment in engineering programs, by enrollment status, sex, ethnicity, race, and citizenship: 2010, 2012, 2014, 2018

(Number and percent distribution)

Year and enrollment status	All undergraduates	Sex		U.S. citizens and permanent residents										Temporary resident
				Not Hispanic or Latino										
		Female	Male	Hispanic or Latino ^a	American Indian or Alaska Native	Asian	Asian or Pacific Islander ^b	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race ^c	Other or unknown race or ethnicity		
Number														
All enrolled														
2010	456,783	83,346	373,437	49,615	2,288	na	47,589	25,766	na	276,238	na	25,714	29,573	
2012	506,916	95,888	411,028	59,095	2,297	50,833	na	26,451	972	298,808	13,215	15,781	39,464	
2014	582,149	116,505	465,644	71,676	2,149	57,984	na	29,347	1,037	332,687	18,495	15,622	53,152	
2016	634,096	135,414	498,682	83,669	2,141	64,504	na	32,566	975	351,164	21,915	16,553	60,609	
2018	641,207	145,364	495,843	92,135	2,073	67,851	na	32,945	971	347,326	24,338	15,922	57,646	
Full time, first year														
2010	96,301	18,703	77,598	10,600	414	na	9,397	5,785	na	59,531	na	5,625	4,949	
2012	108,709	22,170	86,539	12,474	420	10,724	na	5,745	203	65,083	3,828	3,031	7,201	
2014	126,416	27,545	98,871	15,384	427	12,817	na	6,502	213	74,798	4,597	2,771	8,907	
2016	131,497	30,924	100,573	17,479	433	13,473	na	7,349	187	75,680	5,078	3,085	8,733	
2018	133,005	32,069	100,936	19,275	393	15,217	na	7,319	212	74,422	5,794	3,020	7,353	
Percent distribution														
All enrolled														
2010	100.00	18.25	81.75	10.86	0.50	na	10.42	5.64	na	60.47	na	5.63	6.47	
2012	100.00	18.92	81.08	11.66	0.45	10.03	na	5.22	0.19	58.95	2.61	3.11	7.79	
2014	100.00	20.01	79.99	12.31	0.37	9.96	na	5.04	0.18	57.15	3.18	2.68	9.13	
2016	100.00	21.36	78.64	13.20	0.34	10.17	na	5.14	0.15	55.38	3.46	2.61	9.56	
2018	100.00	22.67	77.33	14.37	0.32	10.58	na	5.14	0.15	54.17	3.80	2.48	8.99	
Full time, first year														
2010	100.00	19.42	80.58	11.01	0.43	na	9.76	6.01	na	61.82	na	5.84	5.14	
2012	100.00	20.39	79.61	11.47	0.39	9.86	na	5.28	0.19	59.87	3.52	2.79	6.62	
2014	100.00	21.79	78.21	12.17	0.34	10.14	na	5.14	0.17	59.17	3.64	2.19	7.05	
2016	100.00	23.52	76.48	13.29	0.33	10.25	na	5.59	0.14	57.55	3.86	2.35	6.64	
2018	100.00	24.11	75.89	14.49	0.30	11.44	na	5.50	0.16	55.95	4.36	2.27	5.53	

na = not applicable; data were not collected for this detail.

^a Hispanic or Latino may be any race; race categories exclude Hispanic origin.^b The Asian or Pacific Islander category included Asians, Native Hawaiians, and Other Pacific Islanders.^c In 2011, the survey required institutions to begin reporting information on more than one race, along with information in the other racial and ethnic categories, but institutions were not required to update the race and ethnicity data of individuals who were already in the system. Therefore, the number reported for more than one race for the early years following 2011 is likely to be an undercount. Prior to the 2011 collection cycle, more than one race was reported under Other or unknown race or ethnicity.**Note(s):**

These data are only published in even-numbered years by the source. Race or ethnicity breakouts are for U.S. citizens and permanent residents only. Temporary resident includes all racial and ethnic groups. 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, Fall Enrollment Survey, unrevised provisional release data, accessed 14 February 2020.