

TABLE 3-3. Hispanic U.S. citizen and permanent resident S&E graduate students in all institutions and in HHEs, by field and sex: 2014

Field	All institutions (number)			HHEs (number)			HHEs (%)		
	All S&E graduate students	Female	Male	All S&E graduate students	Female	Male	All S&E graduate students	Female	Male
S&E	35,132	17,930	17,202	12,053	6,595	5,458	34.3	36.8	31.7
Science	28,605	16,245	12,360	10,223	6,122	4,101	35.7	37.7	33.2
Agricultural sciences	931	532	399	301	178	123	32.3	33.5	30.8
Biological sciences	5,001	2,939	2,062	1,287	802	485	25.7	27.3	23.5
Anatomy	41	24	17	26	15	11	63.4	62.5	64.7
Biochemistry	280	150	130	63	33	30	22.5	22.0	23.1
Biology	1,254	719	535	572	324	248	45.6	45.1	46.4
Biometry and epidemiology	414	273	141	77	50	27	18.6	18.3	19.1
Biophysics	41	12	29	0	0	0	0.0	0.0	0.0
Botany and plant biology	92	54	38	7	3	4	7.6	5.6	10.5
Cell and molecular biology	380	204	176	43	26	17	11.3	12.7	9.7
Ecology	54	35	19	7	5	2	13.0	14.3	10.5
Entomology and parasitology	71	37	34	5	4	1	7.0	10.8	2.9
Genetics	131	80	51	1	1	0	0.8	1.3	0.0
Microbiology, immunology, and virology	326	197	129	39	28	11	12.0	14.2	8.5
Nutrition	353	291	62	133	119	14	37.7	40.9	22.6
Pathology	73	42	31	0	0	0	0.0	0.0	0.0
Pharmacology and toxicology	150	77	73	24	14	10	16.0	18.2	13.7
Physiology	186	109	77	30	20	10	16.1	18.3	13.0
Zoology	40	32	8	0	0	0	0.0	0.0	0.0
Biosciences nec	1,115	603	512	260	160	100	23.3	26.5	19.5
Communication	928	587	341	244	129	115	26.3	22.0	33.7
Computer sciences	2,147	491	1,656	588	103	485	27.4	21.0	29.3
Earth, atmospheric, and ocean sciences	913	487	426	351	172	179	38.4	35.3	42.0
Atmospheric sciences	70	24	46	2	0	2	2.9	0.0	4.3
Geosciences	438	232	206	158	71	87	36.1	30.6	42.2
Ocean sciences	162	95	67	56	24	32	34.6	25.3	47.8
Earth, atmospheric, and ocean sciences nec	243	136	107	135	77	58	55.6	56.6	54.2
Family and consumer sciences and human sciences	318	275	43	127	112	15	39.9	40.7	34.9
Mathematics and statistics	1,057	321	736	414	136	278	39.2	42.4	37.8
Mathematics and applied mathematics	901	268	633	377	122	255	41.8	45.5	40.3
Statistics	156	53	103	37	14	23	23.7	26.4	22.3
Multidisciplinary and interdisciplinary studies	459	252	207	138	88	50	30.1	34.9	24.2
Neurobiology and neuroscience	346	202	144	12	6	6	3.5	3.0	4.2
Physical sciences	1,707	612	1,095	509	199	310	29.8	32.5	28.3
Astronomy and astrophysics	44	13	31	2	0	2	4.5	0.0	6.5
Chemistry	1,033	471	562	329	157	172	31.8	33.3	30.6
Physics	588	109	479	160	34	126	27.2	31.2	26.3
Physical sciences nec	42	19	23	18	8	10	42.9	42.1	43.5
Psychology	5,765	4,352	1,413	2,896	2,211	685	50.2	50.8	48.5
Clinical psychology	1,230	969	261	672	521	151	54.6	53.8	57.9
Psychology, general	1,289	913	376	508	375	133	39.4	41.1	35.4
Psychology nec	3,246	2,470	776	1,716	1,315	401	52.9	53.2	51.7
Social sciences	9,033	5,195	3,838	3,356	1,986	1,370	37.2	38.2	35.7
Agricultural economics	58	26	32	12	4	8	20.7	15.4	25.0
Anthropology	577	374	203	127	82	45	22.0	21.9	22.2
Economics (except agricultural)	510	164	346	151	53	98	29.6	32.3	28.3
Geography	250	116	134	65	29	36	26.0	25.0	26.9

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Field	All institutions (number)			HHEs (number)			HHEs (%)		
	All S&E graduate students	Female	Male	All S&E graduate students	Female	Male	All S&E graduate students	Female	Male
History and philosophy of science	11	6	5	0	0	0	0.0	0.0	0.0
Linguistics	194	131	63	81	59	22	41.8	45.0	34.9
Political science and government	4,446	2,463	1,983	1,732	969	763	39.0	39.3	38.5
Sociology	960	584	376	367	217	150	38.2	37.2	39.9
Sociology and anthropology	25	14	11	24	14	10	96.0	100.0	90.9
Social sciences nec	2,002	1,317	685	797	559	238	39.8	42.4	34.7
Engineering	6,527	1,685	4,842	1,830	473	1,357	28.0	28.1	28.0
Aerospace engineering	291	55	236	25	3	22	8.6	5.5	9.3
Agricultural engineering	58	16	42	0	0	0	0.0	0.0	0.0
Architecture	107	47	60	23	7	16	21.5	14.9	26.7
Biomedical engineering	458	190	268	86	35	51	18.8	18.4	19.0
Chemical engineering	320	103	217	51	22	29	15.9	21.4	13.4
Civil engineering	1,281	419	862	496	155	341	38.7	37.0	39.6
Electrical engineering	1,305	185	1,120	455	73	382	34.9	39.5	34.1
Engineering science, mechanics, and physics	47	12	35	0	0	0	0.0	0.0	0.0
Industrial and manufacturing engineering	769	258	511	259	95	164	33.7	36.8	32.1
Mechanical engineering	1,137	208	929	336	54	282	29.6	26.0	30.4
Metallurgical and materials engineering	246	71	175	44	15	29	17.9	21.1	16.6
Mining engineering	15	5	10	1	0	1	6.7	0.0	10.0
Nuclear engineering	73	10	63	9	1	8	12.3	10.0	12.7
Petroleum engineering	53	13	40	10	4	6	18.9	30.8	15.0
Engineering nec	367	93	274	35	9	26	9.5	9.7	9.5

HHEs = high-Hispanic-enrollment institutions; nec = not elsewhere classified; S&E = science and engineering.

NOTES: HHEs are institutions whose undergraduate, full-time equivalent student enrollment is at least 25% Hispanic or Latino, according to data that institutions reported in the Integrated Postsecondary Education Data System Fall 2013 Enrollment Survey, conducted by National Center for Education Statistics. Persons of Hispanic or Latino ethnicity may be of one or more races. In 2014, the survey frame was updated following a comprehensive frame evaluation study. The study identified potentially eligible but not previously surveyed U.S. academic institutions with master's- or doctorate-granting programs in science, engineering, or health. A total of 151 newly eligible institutions were added, and two private for-profit institutions offering mostly practitioner-based graduate degrees were determined to be ineligible.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2014.