

TABLE D-7. Hispanic U.S.-citizen and permanent-resident S&E graduate students in all institutions and HHEs, by field and sex: 2006

Field	All institutions			HHEs			Hispanic students in HHEs		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
	Number						Percent		
S&E	24,140	12,839	11,301	8,616	4,937	3,679	35.7	38.5	32.6
Science	19,759	11,644	8,115	7,402	4,581	2,821	37.5	39.3	34.8
Agricultural sciences	535	277	258	286	147	139	53.5	53.1	53.9
Biological sciences	3,289	1,926	1,363	857	532	325	26.1	27.6	23.8
Anatomy	51	29	22	7	5	2	13.7	17.2	9.1
Biochemistry	254	132	122	58	28	30	22.8	21.2	24.6
Biology	932	531	401	476	281	195	51.1	52.9	48.6
Biometry and epidemiology	193	121	72	52	35	17	26.9	28.9	23.6
Biophysics	32	8	24	0	0	0	0.0	0.0	0.0
Botany	61	35	26	2	2	0	3.3	5.7	0.0
Cell and molecular biology	326	182	144	19	15	4	5.8	8.2	2.8
Ecology	80	53	27	0	0	0	0.0	0.0	0.0
Entomology and parasitology	42	23	19	5	2	3	11.9	8.7	15.8
Genetics	62	34	28	3	2	1	4.8	5.9	3.6
Microbiology, immunology, and virology	308	190	118	40	33	7	13.0	17.4	5.9
Nutrition	205	170	35	80	65	15	39.0	38.2	42.9
Pathology	59	29	30	7	3	4	11.9	10.3	13.3
Pharmacology	145	77	68	14	8	6	9.7	10.4	8.8
Physiology	115	64	51	18	12	6	15.7	18.8	11.8
Zoology	27	10	17	0	0	0	0.0	0.0	0.0
Other	397	238	159	76	41	35	19.1	17.2	22.0
Computer sciences	1,207	271	936	383	87	296	31.7	32.1	31.6
Earth, atmospheric, and ocean sciences	540	311	229	202	118	84	37.4	37.9	36.7
Atmospheric	30	14	16	1	1	0	3.3	7.1	0.0
Earth	217	119	98	72	38	34	33.2	31.9	34.7
Ocean	151	87	64	87	51	36	57.6	58.6	56.3
Other	142	91	51	42	28	14	29.6	30.8	27.5
Mathematics and statistics	695	246	449	242	97	145	34.8	39.4	32.3
Mathematics/applied mathematics	621	213	408	232	90	142	37.4	42.3	34.8
Statistics	74	33	41	10	7	3	13.5	21.2	7.3
Physical sciences	1,256	490	766	451	204	247	35.9	41.6	32.2
Astronomy	27	13	14	2	0	2	7.4	0.0	14.3
Chemistry	823	400	423	313	170	143	38.0	42.5	33.8
Physics	374	66	308	117	26	91	31.3	39.4	29.5
Other	32	11	21	19	8	11	59.4	72.7	52.4
Psychology	5,222	4,030	1,192	2,311	1,804	507	44.3	44.8	42.5
Clinical	1,731	1,373	358	996	798	198	57.5	58.1	55.3
General	1,293	948	345	319	235	84	24.7	24.8	24.3
Nonclinical	2,198	1,709	489	996	771	225	45.3	45.1	46.0
Social sciences	7,015	4,093	2,922	2,670	1,592	1,078	38.1	38.9	36.9
Agricultural economics	53	20	33	26	7	19	49.1	35.0	57.6
Anthropology (cultural and social)	491	317	174	83	55	28	16.9	17.4	16.1
Economics	353	94	259	115	44	71	32.6	46.8	27.4
Geography	154	68	86	29	10	19	18.8	14.7	22.1
History and philosophy of science	64	29	35	46	21	25	71.9	72.4	71.4
Linguistics	125	83	42	32	21	11	25.6	25.3	26.2
Political science and public administration	3,235	1,884	1,351	1,334	781	553	41.2	41.5	40.9
Sociology	721	441	280	253	171	82	35.1	38.8	29.3
Other	1,819	1,157	662	752	482	270	41.3	41.7	40.8
Engineering	4,381	1,195	3,186	1,214	356	858	27.7	29.8	26.9
Aerospace	136	24	112	8	2	6	5.9	8.3	5.4
Agricultural	16	12	4	0	0	0	0.0	0.0	0.0
Biomedical	237	97	140	29	11	18	12.2	11.3	12.9
Chemical	277	123	154	64	28	36	23.1	22.8	23.4
Civil	967	331	636	407	134	273	42.1	40.5	42.9
Electrical	1,044	179	865	336	72	264	32.2	40.2	30.5
Engineering sciences/physics	46	3	43	1	0	1	2.2	0.0	2.3

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	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
	Number						Percent		
Industrial/manufacturing	664	214	450	170	75	95	25.6	35.0	21.1
Mechanical	621	117	504	148	22	126	23.8	18.8	25.0
Metallurgical and materials	98	34	64	9	5	4	9.2	14.7	6.3
Mining	5	0	5	0	0	0	0.0	-	0.0
Nuclear	60	7	53	14	0	14	23.3	0.0	26.4
Petroleum	22	7	15	13	3	10	59.1	42.9	66.7
Other	188	47	141	15	4	11	8.0	8.5	7.8

- No value possible; denominator is zero.

HHEs = Schools with high Hispanic enrollment.

NOTE: High-Hispanic-enrollment schools are defined by the U.S. Department of Education as nonprofit public and private institutions of higher education whose full-time equivalent (FTE) enrollment of undergraduate students is at least 25% Hispanic, according to fall 2005 enrollment data that the institutions self-reported in the Integrated Postsecondary Education Data System (IPEDS) survey conducted by the National Center for Education Statistics (NCES).

SOURCE: National Science Foundation, Division of Science Resources Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2006.