

TABLE D-6. Black U.S.-citizen and permanent-resident S&amp;E graduate students in all institutions and HBCUs, by field and sex: 2006

Field	All institutions			HBCUs			Black students in HBCUs		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
	Number						Percent		
S&E	25,664	15,884	9,780	4,103	2,564	1,539	16.0	16.1	15.7
Science	22,092	14,755	7,337	3,669	2,429	1,240	16.6	16.5	16.9
Agricultural sciences	453	301	152	218	157	61	48.1	52.2	40.1
Biological sciences	3,071	2,123	948	493	338	155	16.1	15.9	16.4
Anatomy	40	26	14	7	5	2	17.5	19.2	14.3
Biochemistry	180	112	68	4	3	1	2.2	2.7	1.5
Biology	840	538	302	273	180	93	32.5	33.5	30.8
Biometry and epidemiology	276	203	73	0	0	0	0.0	0.0	0.0
Biophysics	29	13	16	0	0	0	0.0	0.0	0.0
Botany	24	16	8	0	0	0	0.0	0.0	0.0
Cell and molecular biology	208	147	61	16	12	4	7.7	8.2	6.6
Ecology	27	18	9	0	0	0	0.0	0.0	0.0
Entomology and parasitology	19	12	7	0	0	0	0.0	0.0	0.0
Genetics	66	50	16	22	16	6	33.3	32.0	37.5
Microbiology, immunology, and virology	259	177	82	37	27	10	14.3	15.3	12.2
Nutrition	263	218	45	68	55	13	25.9	25.2	28.9
Pathology	78	62	16	0	0	0	0.0	0.0	0.0
Pharmacology	164	105	59	7	3	4	4.3	2.9	6.8
Physiology	108	74	34	9	4	5	8.3	5.4	14.7
Zoology	12	10	2	0	0	0	0.0	0.0	0.0
Other	478	342	136	50	33	17	10.5	9.6	12.5
Computer sciences	1,774	722	1,052	181	74	107	10.2	10.2	10.2
Earth, atmospheric, and ocean sciences	263	145	118	64	35	29	24.3	24.1	24.6
Atmospheric	26	8	18	11	4	7	42.3	50.0	38.9
Earth	71	33	38	0	0	0	0.0	0.0	0.0
Ocean	41	30	11	0	0	0	0.0	0.0	0.0
Other	125	74	51	53	31	22	42.4	41.9	43.1
Mathematics and statistics	711	347	364	135	72	63	19.0	20.7	17.3
Mathematics/applied mathematics	607	295	312	135	72	63	22.2	24.4	20.2
Statistics	104	52	52	0	0	0	0.0	0.0	0.0
Physical sciences	1,009	506	503	249	116	133	24.7	22.9	26.4
Astronomy	11	5	6	0	0	0	0.0	0.0	0.0
Chemistry	732	426	306	154	87	67	21.0	20.4	21.9
Physics	229	58	171	95	29	66	41.5	50.0	38.6
Other	37	17	20	0	0	0	0.0	0.0	0.0
Psychology	5,089	4,164	925	745	613	132	14.6	14.7	14.3
Clinical	870	719	151	0	0	0	0.0	0.0	0.0
General	1,536	1,223	313	364	291	73	23.7	23.8	23.3
Nonclinical	2,683	2,222	461	381	322	59	14.2	14.5	12.8
Social sciences	9,722	6,447	3,275	1,584	1,024	560	16.3	15.9	17.1
Agricultural economics	67	32	35	12	3	9	17.9	9.4	25.7
Anthropology (cultural and social)	278	225	53	0	0	0	0.0	0.0	0.0
Economics	355	152	203	13	5	8	3.7	3.3	3.9
Geography	154	74	80	0	0	0	0.0	0.0	0.0
History and philosophy of science	31	15	16	0	0	0	0.0	0.0	0.0
Linguistics	46	34	12	0	0	0	0.0	0.0	0.0
Political science and public administration	5,063	3,334	1,729	835	539	296	16.5	16.2	17.1
Sociology	1,140	809	331	207	148	59	18.2	18.3	17.8
Other	2,588	1,772	816	517	329	188	20.0	18.6	23.0
Engineering	3,572	1,129	2,443	434	135	299	12.2	12.0	12.2
Aerospace	79	18	61	0	0	0	0.0	0.0	0.0
Agricultural	27	13	14	0	0	0	0.0	0.0	0.0
Biomedical	204	107	97	1	0	1	0.5	0.0	1.0
Chemical	149	56	93	7	2	5	4.7	3.6	5.4
Civil	508	181	327	70	26	44	13.8	14.4	13.5
Electrical	828	180	648	70	20	50	8.5	11.1	7.7
Engineering sciences/physics	44	11	33	0	0	0	0.0	0.0	0.0

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Industrial/manufacturing	763	296	467	54	18	36	7.1	6.1	7.7
Mechanical	419	75	344	58	5	53	13.8	6.7	15.4
Metallurgical and materials	129	61	68	15	10	5	11.6	16.4	7.4
Mining	3	0	3	0	0	0	0.0	0.0	0.0
Nuclear	18	8	10	0	0	0	0.0	0.0	0.0
Petroleum	24	3	21	0	0	0	0.0	0.0	0.0
Other	377	120	257	159	54	105	42.2	45.0	40.9

HBCUs = historically black colleges and universities

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