

TABLE 26. Black or African American, full-time graduate students in science, engineering, and health in all institutions and in historically black colleges and universities, by field and sex: 2006–10

Field	Male						Female					
	2006	2007old ^a	2007new ^a	2008	2009	2010	2006	2007old ^a	2007new ^a	2008	2009	2010
Black or African American students in all institutions (n)	6,768	6,776	6,895	7,384	7,632	7,883	13,168	12,849	13,183	14,519	14,730	14,728
Science and engineering	5,727	5,825	5,974	6,422	6,741	6,968	9,131	9,178	9,554	10,417	11,038	11,226
Science	4,283	4,402	4,528	4,891	5,169	5,301	8,435	8,432	8,780	9,665	10,238	10,424
Agricultural sciences	108	99	102	122	100	133	199	184	183	189	174	199
Biological sciences	755	789	795	851	899	937	1,663	1,697	1,714	1,794	1,932	1,921
Communication ^a	ne	ne	76	108	126	132	ne	ne	203	227	240	269
Computer sciences	459	535	529	521	573	609	279	290	284	282	341	354
Earth, atmospheric, and ocean sciences	77	83	81	92	107	112	109	113	110	115	116	116
Family and consumer sciences/ human sciences ^a	ne	ne	20	19	35	34	ne	ne	122	136	194	184
Mathematical sciences	210	227	227	230	253	237	210	196	195	172	180	188
Multidisciplinary/interdisciplinary studies ^a	ne	ne	49	57	74	103	ne	ne	82	112	159	217
Neuroscience ^a	na	na	23	27	32	34	na	na	32	33	49	48
Physical sciences	402	375	375	394	394	400	383	397	395	392	406	420
Psychology ^b	576	552	548	665	639	604	2,410	2,358	2,329	2,758	2,814	2,810
Social sciences	1,696	1,742	1,703	1,805	1,937	1,966	3,182	3,197	3,131	3,455	3,633	3,698
Engineering	1,444	1,423	1,446	1,531	1,572	1,667	696	746	774	752	800	802
Health ^{a,b}	1,041	951	921	962	891	915	4,037	3,671	3,629	4,102	3,692	3,502
Black or African American students in HBCUs (n)	1,241	998	1,012	959	1,060	1,206	2,175	1,842	1,883	1,892	1,914	2,158
Science and engineering	1,044	903	916	870	983	1,132	1,514	1,396	1,429	1,448	1,611	1,854
Science	802	684	684	637	744	868	1,402	1,280	1,302	1,315	1,463	1,696
Agricultural sciences	43	33	33	55	37	66	92	77	77	103	86	100
Biological sciences	117	113	117	121	118	126	248	251	259	270	346	381
Communication ^a	ne	ne	10	7	13	31	ne	ne	28	21	23	44
Computer sciences	78	56	56	52	58	67	46	48	47	49	46	62
Earth, atmospheric, and ocean sciences	20	16	16	11	17	19	20	14	14	25	19	22
Family and consumer sciences/ human sciences ^a	ne	ne	2	1	4	4	ne	ne	11	10	21	24
Mathematical sciences	37	45	45	35	46	35	48	39	39	22	32	32
Multidisciplinary/interdisciplinary studies ^a	ne	ne	6	5	7	12	ne	ne	7	7	6	11
Neuroscience ^a	na	na	0	0	4	3	na	na	0	0	14	9
Physical sciences	105	76	76	80	76	78	79	86	86	83	91	100
Psychology ^b	81	64	64	58	59	67	284	281	281	246	227	218
Social sciences	321	281	259	212	305	360	585	484	453	479	552	693
Engineering	242	219	232	233	239	264	112	116	127	133	148	158
Health ^{a,b}	197	95	96	89	77	74	661	446	454	444	303	304
Black or African American students in HBCUs (%)	18.3	14.7	14.7	13.0	13.9	15.3	16.5	14.3	14.3	13.0	13.0	14.7
Science and engineering	18.2	15.5	15.3	13.5	14.6	16.2	16.6	15.2	15.0	13.9	14.6	16.5
Science	18.7	15.5	15.1	13.0	14.4	16.4	16.6	15.2	14.8	13.6	14.3	16.3
Agricultural sciences	39.8	33.3	32.4	45.1	37.0	49.6	46.2	41.8	42.1	54.5	49.4	50.3
Biological sciences	15.5	14.3	14.7	14.2	13.1	13.4	14.9	14.8	15.1	15.1	17.9	19.8
Communication ^a	ne	ne	13.2	6.5	10.3	23.5	ne	ne	13.8	9.3	9.6	16.4
Computer sciences	17.0	10.5	10.6	10.0	10.1	11.0	16.5	16.6	16.5	17.4	13.5	17.5
Earth, atmospheric, and ocean sciences	26.0	19.3	19.8	12.0	15.9	17.0	18.3	12.4	12.7	21.7	16.4	19.0
Family and consumer sciences/ human sciences ^a	ne	ne	10.0	5.3	11.4	11.8	ne	ne	9.0	7.4	10.8	13.0
Mathematical sciences	17.6	19.8	19.8	15.2	18.2	14.8	22.9	19.9	20.0	12.8	17.8	17.0
Multidisciplinary/interdisciplinary studies ^a	ne	ne	12.2	8.8	9.5	11.7	ne	ne	8.5	6.3	3.8	5.1
Neuroscience ^a	na	na	0.0	0.0	12.5	8.8	na	na	0.0	0.0	28.6	18.8
Physical sciences	26.1	20.3	20.3	20.3	19.3	19.5	20.6	21.7	21.8	21.2	22.4	23.8

TABLE 26. Black or African American, full-time graduate students in science, engineering, and health in all institutions and in historically black colleges and universities, by field and sex: 2006–10

Field	Male						Female					
	2006	2007old ^a	2007new ^a	2008	2009	2010	2006	2007old ^a	2007new ^a	2008	2009	2010
Psychology ^b	14.1	11.6	11.7	8.7	9.2	11.1	11.8	11.9	12.1	8.9	8.1	7.8
Social sciences	18.9	16.1	15.2	11.7	15.7	18.3	18.4	15.1	14.5	13.9	15.2	18.7
Engineering	16.8	15.4	16.0	15.2	15.2	15.8	16.1	15.5	16.4	17.7	18.5	19.7
Health ^{a,b}	18.9	10.0	10.4	9.3	8.6	8.1	16.4	12.1	12.5	10.8	8.2	8.7

na = not applicable; data were not collected at this level of detail. ne = not eligible; data were not collected for this field prior to 2007.

HBCUs = historically black colleges and universities.

^aIn 2007, eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of eligible units. "2007new" presents data as collected in 2007; "2007old" shows data as they would have been collected in prior years. Science fields "communication" and "family and consumer sciences/human sciences" are newly eligible; data for these two fields are only in 2007new. Science field "multidisciplinary/interdisciplinary studies" is also newly eligible; data may have been reported under other fields before 2007. "Neuroscience" is reported as separate field of science in 2007new; data were reported under health field "neurology" in 2007old and previous years. See appendix A in <http://www.nsf.gov/statistics/nsf10307/> for more detail.

^bBeginning with 2008, more rigorous follow-up was done with institutions regarding exclusion of practitioner-oriented graduate degree programs in psychology and in other health (a subfield of health). This change may affect interpretation of trends in these fields.

NOTE: "Black or African American" includes U.S. citizens and permanent residents who report a single race and are not of Hispanic origin.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.