

TABLE 26. Black or African American, full-time U.S. citizen and permanent resident graduate students in science, engineering, and health in all institutions and in historically black colleges and universities, by field and sex: 2007–11

Field	Male						Female					
	2007old ^a	2007new ^a	2008	2009	2010	2011	2007old ^a	2007new ^a	2008	2009	2010	2011
Black or African American students in all institutions (<i>n</i>)	6,776	6,895	7,384	7,632	7,883	7,936	12,849	13,183	14,519	14,730	14,728	14,491
Science and engineering	5,825	5,974	6,422	6,741	6,968	6,978	9,178	9,554	10,417	11,038	11,226	11,119
Science	4,402	4,528	4,891	5,169	5,301	5,427	8,432	8,780	9,665	10,238	10,424	10,389
Agricultural sciences	99	102	122	100	133	136	184	183	189	174	199	213
Biological sciences	789	795	851	899	937	897	1,697	1,714	1,794	1,932	1,921	1,828
Communication ^a	ne	76	108	126	132	180	ne	203	227	240	269	383
Computer sciences	535	529	521	573	609	539	290	284	282	341	354	272
Earth, atmospheric, and ocean sciences	83	81	92	107	112	112	113	110	115	116	116	110
Family and consumer sciences/ human sciences ^a	ne	20	19	35	34	43	ne	122	136	194	184	249
Mathematical sciences	227	227	230	253	237	256	196	195	172	180	188	178
Multidisciplinary/interdisciplinary studies ^a	ne	49	57	74	103	107	ne	82	112	159	217	152
Neuroscience ^a	na	23	27	32	34	47	na	32	33	49	48	78
Physical sciences	375	375	394	394	400	389	397	395	392	406	420	407
Psychology ^b	552	548	665	639	604	649	2,358	2,329	2,758	2,814	2,810	2,677
Social sciences	1,742	1,703	1,805	1,937	1,966	2,072	3,197	3,131	3,455	3,633	3,698	3,842
Engineering	1,423	1,446	1,531	1,572	1,667	1,551	746	774	752	800	802	730
Health ^{a,b}	951	921	962	891	915	958	3,671	3,629	4,102	3,692	3,502	3,372
Black or African American students in HBCUs (<i>n</i>)	998	1,012	959	1,060	1,206	1,166	1,842	1,883	1,892	1,914	2,158	2,286
Science and engineering	903	916	870	983	1,132	1,086	1,396	1,429	1,448	1,611	1,854	1,911
Science	684	684	637	744	868	881	1,280	1,302	1,315	1,463	1,696	1,787
Agricultural sciences	33	33	55	37	66	71	77	77	103	86	100	112
Biological sciences	113	117	121	118	126	130	251	259	270	346	381	379
Communication ^a	ne	10	7	13	31	42	ne	28	21	23	44	76
Computer sciences	56	56	52	58	67	65	48	47	49	46	62	54
Earth, atmospheric, and ocean sciences	16	16	11	17	19	21	14	14	25	19	22	21
Family and consumer sciences/ human sciences ^a	ne	2	1	4	4	4	ne	11	10	21	24	29
Mathematical sciences	45	45	35	46	35	36	39	39	22	32	32	36
Multidisciplinary/interdisciplinary studies ^a	ne	6	5	7	12	15	ne	7	7	6	11	11
Neuroscience ^a	na	0	0	4	3	3	na	0	0	14	9	9
Physical sciences	76	76	80	76	78	78	86	86	83	91	100	98
Psychology ^b	64	64	58	59	67	67	281	281	246	227	218	192
Social sciences	281	259	212	305	360	349	484	453	479	552	693	770
Engineering	219	232	233	239	264	205	116	127	133	148	158	124
Health ^{a,b}	95	96	89	77	74	80	446	454	444	303	304	375
Black or African American students in HBCUs (%)	15	15	13	14	15	15	14	14	13	13	15	16
Science and engineering	16	15	14	15	16	16	15	15	14	15	17	17
Science	16	15	13	14	16	16	15	15	14	14	16	17
Agricultural sciences	33	32	45	37	50	52	42	42	54	49	50	53
Biological sciences	14	15	14	13	13	14	15	15	15	18	20	21
Communication ^a	ne	13	6	10	23	23	ne	14	9	10	16	20
Computer sciences	10	11	10	10	11	12	17	17	17	13	18	20
Earth, atmospheric, and ocean sciences	19	20	12	16	17	19	12	13	22	16	19	19
Family and consumer sciences/ human sciences ^a	ne	10	5	11	12	9	ne	9	7	11	13	12
Mathematical sciences	20	20	15	18	15	14	20	20	13	18	17	20
Multidisciplinary/interdisciplinary studies ^a	ne	12	9	9	12	14	ne	9	6	4	5	7
Neuroscience ^a	na	0	0	13	9	6	na	0	0	29	19	12
Physical sciences	20	20	20	19	20	20	22	22	21	22	24	24
Psychology ^b	12	12	9	9	11	10	12	12	9	8	8	7

TABLE 26. Black or African American, full-time U.S. citizen and permanent resident graduate students in science, engineering, and health in all institutions and in historically black colleges and universities, by field and sex: 2007–11

Field	Male						Female					
	2007old ^a	2007new ^a	2008	2009	2010	2011	2007old ^a	2007new ^a	2008	2009	2010	2011
Social sciences	16	15	12	16	18	17	15	14	14	15	19	20
Engineering	15	16	15	15	16	13	16	16	18	19	20	17
Health ^{a,b}	10	10	9	9	8	8	12	13	11	8	9	11

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.

^a In 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 a 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.

^b Beginning 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.