

TABLE 74. Black, non-Hispanic U.S. citizen and permanent resident graduate students in science, engineering, and health fields in all institutions and in historically black colleges and universities, by field: 2003–09

Field	2003	2004	2005	2006	2007old ^a	2007new ^a	2008	2009
Black students in all institutions	31,242	32,496	33,547	34,866	34,934	35,923	37,047	37,349
Science and engineering	24,174	24,624	25,248	25,664	26,565	27,637	28,680	29,973
Science	20,962	21,225	21,778	22,092	22,881	23,862	24,694	25,801
Agricultural sciences	460	394	417	453	431	434	470	406
Biological sciences	2,757	2,902	2,991	3,071	3,303	3,320	3,394	3,575
Communication ^a	ne	ne	ne	ne	ne	516	644	688
Computer sciences	1,951	1,799	1,761	1,774	1,865	1,834	1,889	2,088
Earth, atmospheric, and ocean sciences	270	261	262	263	279	272	301	311
Family and consumer sciences/human sciences ^a	ne	ne	ne	ne	ne	322	397	538
Mathematical sciences	655	696	720	711	711	708	681	730
Multidisciplinary/interdisciplinary studies ^d	ne	ne	ne	ne	ne	320	388	480
Neuroscience ^a	na	na	na	na	na	61	67	88
Physical sciences	939	993	1,006	1,009	984	980	1,009	979
Psychology	4,692	4,990	5,238	5,089	5,140	5,100	5,358	5,393
Social sciences	9,238	9,190	9,383	9,722	10,168	9,995	10,096	10,525
Engineering	3,212	3,399	3,470	3,572	3,684	3,775	3,986	4,172
Health ^a	7,068	7,872	8,299	9,202	8,369	8,286	8,367	7,376
Black students in HBCUs	5,129	5,071	5,337	5,283	4,481	4,615	4,478	4,669
Science and engineering	4,000	4,076	4,217	4,103	3,708	3,833	3,732	4,185
Science	3,672	3,688	3,823	3,669	3,286	3,361	3,222	3,635
Agricultural sciences	260	170	185	218	196	196	237	187
Biological sciences	573	568	539	493	475	487	497	589
Communication ^a	ne	ne	ne	ne	ne	65	74	68
Computer sciences	283	208	193	181	161	160	151	184
Earth, atmospheric, and ocean sciences	51	57	57	64	49	49	61	49
Family and consumer sciences/human sciences ^a	ne	ne	ne	ne	ne	64	72	118
Mathematical sciences	105	100	125	135	126	126	103	127
Multidisciplinary/interdisciplinary studies ^d	ne	ne	ne	ne	ne	19	18	19
Neuroscience ^a	na	na	na	na	na	0	0	18
Physical sciences	167	205	226	249	210	210	210	209
Psychology	891	882	912	745	576	576	467	423
Social sciences	1,342	1,498	1,586	1,584	1,493	1,409	1,332	1,644
Engineering	328	388	394	434	422	472	510	550
Health ^a	1,129	995	1,120	1,180	773	782	746	484
Percentage of black students in HBCUs	16.4	15.6	15.9	15.2	12.8	12.8	12.1	12.5
Science and engineering	16.5	16.6	16.7	16.0	14.0	13.9	13.0	14.0
Science	17.5	17.4	17.6	16.6	14.4	14.1	13.0	14.1
Agricultural sciences	56.5	43.1	44.4	48.1	45.5	45.2	50.4	46.1
Biological sciences	20.8	19.6	18.0	16.1	14.4	14.7	14.6	16.5
Communication ^a	ne	ne	ne	ne	ne	12.6	11.5	9.9
Computer sciences	14.5	11.6	11.0	10.2	8.6	8.7	8.0	8.8
Earth, atmospheric, and ocean sciences	18.9	21.8	21.8	24.3	17.6	18.0	20.3	15.8
Family and consumer sciences/human sciences ^a	ne	ne	ne	ne	ne	19.9	18.1	21.9
Mathematical sciences	16.0	14.4	17.4	19.0	17.7	17.8	15.1	17.4
Multidisciplinary/interdisciplinary studies ^d	ne	ne	ne	ne	ne	5.9	4.6	4.0
Neuroscience ^a	na	na	na	na	na	0.0	0.0	20.5
Physical sciences	17.8	20.6	22.5	24.7	21.3	21.4	20.8	21.3
Psychology	19.0	17.7	17.4	14.6	11.2	11.3	8.7	7.8

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Field	2003	2004	2005	2006	2007old ^a	2007new ^a	2008	2009
Social sciences	14.5	16.3	16.9	16.3	14.7	14.1	13.2	15.6
Engineering	10.2	11.4	11.4	12.2	11.5	12.5	12.8	13.2
Health ^a	16.0	12.6	13.5	12.8	9.2	9.4	8.9	6.6

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, GSS-eligible fields were reclassified, newly eligible fields were added, and survey was redesigned to improve coverage and coding of GSS-eligible units. "2007new" presents data as collected in 2007; "2007old" reflects data as they would have been collected under 2006 methodology. 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; these data may have been reported under other fields before 2007. "Neuroscience" is reported as a separate field of science in 2007new; these data were reported under health field "neurology" in 2007old and previous years. See appendix A, "Technical Notes," for more detail.

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