

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: 2002–08

Field	2002	2003	2004	2005	2006	2007old ^a	2007new ^a	2008
All institutions	28,715	31,242	32,496	33,547	34,866	34,934	35,923	37,047
Science and engineering	22,668	24,174	24,624	25,248	25,664	26,565	27,637	28,680
Science	19,594	20,962	21,225	21,778	22,092	22,881	23,862	24,694
Agricultural sciences	375	460	394	417	453	431	434	470
Biological sciences	2,479	2,757	2,902	2,991	3,071	3,303	3,320	3,394
Communication ^a	ne	ne	ne	ne	ne	ne	516	644
Computer sciences	1,898	1,951	1,799	1,761	1,774	1,865	1,834	1,889
Earth, atmospheric, and ocean sciences	266	270	261	262	263	279	272	301
Family and consumer science/human science ^a	ne	ne	ne	ne	ne	ne	322	397
Mathematical sciences	626	655	696	720	711	711	708	681
Multidisciplinary/interdisciplinary studies ^a	ne	ne	ne	ne	ne	ne	320	388
Neuroscience ^a	na	na	na	na	na	na	61	67
Physical sciences	893	939	993	1,006	1,009	984	980	1,009
Psychology	4,487	4,692	4,990	5,238	5,089	5,140	5,100	5,358
Social sciences	8,570	9,238	9,190	9,383	9,722	10,168	9,995	10,096
Engineering	3,074	3,212	3,399	3,470	3,572	3,684	3,775	3,986
Health ^a	6,047	7,068	7,872	8,299	9,202	8,369	8,286	8,367
Historically black colleges and universities	4,429	5,129	5,071	5,337	5,283	4,481	4,615	4,478
Science and engineering	3,623	4,000	4,076	4,217	4,103	3,708	3,833	3,732
Science	3,285	3,672	3,688	3,823	3,669	3,286	3,361	3,222
Agricultural sciences	178	260	170	185	218	196	196	237
Biological sciences	525	573	568	539	493	475	487	497
Communication ^a	ne	ne	ne	ne	ne	ne	65	74
Computer sciences	286	283	208	193	181	161	160	151
Earth, atmospheric, and ocean sciences	63	51	57	57	64	49	49	61
Family and consumer science/human science ^a	ne	ne	ne	ne	ne	ne	64	72
Mathematical sciences	120	105	100	125	135	126	126	103
Multidisciplinary/interdisciplinary studies ^a	ne	ne	ne	ne	ne	ne	19	18
Neuroscience ^a	na	na	na	na	na	na	0	0
Physical sciences	173	167	205	226	249	210	210	210
Psychology	761	891	882	912	745	576	576	467
Social sciences	1,179	1,342	1,498	1,586	1,584	1,493	1,409	1,332
Engineering	338	328	388	394	434	422	472	510
Health ^a	806	1,129	995	1,120	1,180	773	782	746
Percentage in HBCUs	15.4	16.4	15.6	15.9	15.2	12.8	12.8	12.1
Science and engineering	16.0	16.5	16.6	16.7	16.0	14.0	13.9	13.0
Science	16.8	17.5	17.4	17.6	16.6	14.4	14.1	13.0

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Agricultural sciences	47.5	56.5	43.1	44.4	48.1	45.5	45.2	50.4
Biological sciences	21.2	20.8	19.6	18.0	16.1	14.4	14.7	14.6
Communication ^a	ne	ne	ne	ne	ne	ne	12.6	11.5
Computer sciences	15.1	14.5	11.6	11.0	10.2	8.6	8.7	8.0
Earth, atmospheric, and ocean sciences	23.7	18.9	21.8	21.8	24.3	17.6	18.0	20.3
Family and consumer science/human science ^a	ne	ne	ne	ne	ne	ne	19.9	18.1
Mathematical sciences	19.2	16.0	14.4	17.4	19.0	17.7	17.8	15.1
Multidisciplinary/interdisciplinary studies ^a	ne	ne	ne	ne	ne	ne	5.9	4.6
Neuroscience ^a	na	na	na	na	na	na	0.0	0.0
Physical sciences	19.4	17.8	20.6	22.5	24.7	21.3	21.4	20.8
Psychology	17.0	19.0	17.7	17.4	14.6	11.2	11.3	8.7
Social sciences	13.8	14.5	16.3	16.9	16.3	14.7	14.1	13.2
Engineering	11.0	10.2	11.4	11.4	12.2	11.5	12.5	12.8
Health ^a	13.3	16.0	12.6	13.5	12.8	9.2	9.4	8.9

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 science/human science" 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/Division of Science Resources Statistics, NSF-NIH Survey of Graduate Students and Postdoctorates in Science and Engineering.