Table A-13. Graduate students in science, engineering, and health fields in Historically Black Colleges and Universities (HBCUs), by detailed field, citizenship, and racial/ethnic background of U.S. citizens and permanent residents: 1999

Field	Total	U.S. citizens and permanent residents						Students with temporary visas
		Black non-Hispanic	American Indian/ Alaskan Native	Asian/ Pacific Islander	Hispanic	White non-Hispanic	Other or unknown	
Total, all surveyed fields	5,660	3,744	14	193	53	911	101	644
Total, science and engineering fields	4,745	3,233	5	166	41	581	95	624
Sciences, total	4,185	2,939	5	133	34	537	66	471
Physical sciences, total	297	179	0	20	6	22	2	68
Astronomy	0	0	0	0	0	0	0	0
Chemistry	181	109	0	14	5	8	1	44
Physics	116	70	0	6	1	14	1	24
Physical sciences, n.e.c.	0	0	0	0	0	0	0	0
Earth, atmos., & ocean sci., total	61	36	1	3	1	19	0	1
Atmospheric sciences	0	0	0	0	0	0	0	0
Geosciences	0	0	0	0	0	0	0	0
Oceanography	0	0	0	0	0	0	0	0
Earth, atmos., & ocean sci., n.e.c.	61	36	1	3	1	19	0	1
Mathematical sciences	158	129	0	1	2	20	0	6
Computer sciences	450	216	1	64	2	39	29	99
Agricultural sciences	213	155	0	3	3	31	14	7
Biological sciences, total	682	572	2	19	4	34	4	47
Anatomy	3	1	0	0	0	1	0	1
Biochemistry	20	17	0	1	0	0	0	2
Biology	351	308	0	6	2	17	0	18
Biometry/epidemiology	0	0	0	0	0	0	0	0
Biophysics	0	0	0	0	0	0	0	0
Botany	26	26	0	0	0	0	0	0
Cell biology	0	0	0	0	0	0	0	0
Ecology	0	0	0	0	0	0	0	0
Entomology/parasitology	0	0	0	0	0	0	0	0
Genetics	26	15	0	1	1	4	0	5
Microbio., immunology, & virology	47	38	2	4	0	2	0	1
Nutrition	79	60	0	2	0	5	0	12
Pathology	0	0	0	0	0	0	0	0
Pharmacology	55	46	0	1	1	1	4	2
Physiology	31	25	0	1	0	1	0	4
Zoology	0	0	0	0	0	0	0	0
Biosciences, n.e.c.	44	36	0	3	0	3	0	2
Psychology	746	451	0	11	11	231	3	39
Social sciences, total	1,578	1,201	1	12	5	141	14	204
Agricultural economics	27	21	0	1	0	3	0	2
Anthropology (cultural & social)	0	0	0	0	0	0	0	0
Economics (except agricultural)	45	20	0	2	1	0	0	22
Geography	0	0	0	0	0	0	0	0
Linguistics	0	0	0	0	0	0	0	0
Political science	782	671	0	7	1	68	7	28
Sociology	209	187	1	1	1	13	0	6
Sociology/anthropology	68	51	0	0	0	3	1	13
Social sciences, n.e.c	447	251	0	1	2	54	6	133
Engineering, total	560	294	0	33	7	44	29	153
Aerospace engineering	0	0	0	0	0	0	0	0
Agricultural engineering	0	0	0	0	0	0	0	0
Biomedical engineering	0	0	0	0	0	0	0	0
Chemical engineering	27	11	0	0	0	2	0	14
Civil engineering	87	50	0	7	3	12	13	2
Electrical engineering	116	58	0	8	1	2	3	44
Engineering science	0	0	0	0	0	0	0	0
Industrial/manufacturing eng.	42	30	0	4	2	6	0	0
Mechanical engineering	99	55	0	1	0	7	0	36
Metallurgical/materials eng.	10	8	0	0	0	0	0	2
Nuclear engineering	0	0	0	0	0	0	0	0
Engineering, n.e.c.	179	82	0	13	1	15	13	55

See explanatory information, if any, and SOURCE at end of table.

Table A-13. Graduate students in science, engineering, and health fields in Historically Black Colleges and Universities (HBCUs), by detailed field, citizenship, and racial/ethnic background of U.S. citizens and permanent residents: 1999

Field	Total	U.S. citizens and permanent residents						Students with temporary visas
		Black non-Hispanic	American Indian/ Alaskan Native	Asian/ Pacific Islander	Hispanic	White non-Hispanic	Other or unknown	
Total, health fields	915	511	9	27	12	330	6	20
Clinical fields	107	12	1	0	1	93	0	0
Dental sciences	0	0	0	0	0	0	0	0
Nursing	163	116	1	1	0	42	0	3
Pharmaceutical sciences	146	105	0	20	4	13	3	1
Preventive medicine/community hlth	44	41	0	0	0	3	0	0
Speech pathology/audiology	329	176	7	2	4	125	2	13
Veterinary sciences	22	17	0	1	0	1	0	3
Other health fields	104	44	0	3	3	53	1	0

KEY: n.e.c. = Not elsewhere classified

SOURCE: National Science Foundation/Division of Science Resources Studies, Survey of Graduate Students and Postdoctorates in Science and Engineering