

TABLE 14. Bachelor's degrees awarded to black or African American men by all institutions and by historically black colleges and universities, by field: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
All institutions, all fields	37,308	39,223	41,161	42,905	44,986	46,447	48,716	49,761	51,969	55,004	59,267
Science and engineering	12,484	13,394	13,975	14,364	14,689	14,637	15,034	15,037	15,852	16,869	18,102
Science	10,593	11,365	11,849	12,242	12,466	12,438	12,830	12,799	13,575	14,581	15,746
Agricultural sciences	179	196	168	177	188	186	238	232	244	259	274
Biological sciences	1,275	1,292	1,316	1,296	1,394	1,554	1,627	1,724	1,933	1,943	2,100
Computer sciences	2,694	3,238	3,482	3,432	3,171	2,964	2,673	2,538	2,771	3,096	3,387
Earth, atmospheric, and ocean sciences	30	33	25	30	28	41	45	53	58	65	60
Mathematical sciences	373	374	336	416	420	405	397	439	412	409	499
Physical sciences	407	377	366	379	414	444	450	476	460	479	507
Astronomy	2	0	1	1	5	3	3	5	5	5	2
Chemistry	277	255	246	252	269	304	335	343	311	337	384
Physics	113	106	104	109	122	120	99	106	114	111	99
Other physical sciences	15	16	15	17	18	17	13	22	30	26	22
Psychology	1,537	1,564	1,574	1,631	1,661	1,760	1,966	1,940	2,057	2,194	2,435
Social sciences	4,098	4,291	4,582	4,881	5,190	5,084	5,434	5,397	5,640	6,136	6,484
Engineering	1,891	2,029	2,126	2,122	2,223	2,199	2,204	2,238	2,277	2,288	2,356
Aerospace, aeronautical, and astronautical engineering	34	48	58	61	66	56	64	69	85	75	58
Chemical engineering	148	143	144	114	100	102	117	124	118	154	173
Civil engineering	170	152	161	166	192	239	247	268	316	330	335
Electrical, electronics, and communications engineering	642	690	785	736	767	731	701	718	649	595	569
Industrial and manufacturing engineering	115	147	128	156	147	163	138	143	166	151	180
Materials science engineering	9	10	8	5	12	9	15	17	15	13	20
Mechanical engineering	407	344	365	408	436	431	423	429	449	480	491
Other engineering	366	495	477	476	503	468	499	470	479	490	530
Non-science and engineering	24,824	25,829	27,186	28,541	30,297	31,810	33,682	34,724	36,117	38,135	41,165
Education	2,341	2,290	2,243	2,295	2,482	2,582	2,599	2,705	2,711	2,777	2,938
Health	835	794	873	972	1,115	1,300	1,593	1,663	1,891	2,261	2,665
Humanities	3,633	3,675	3,934	4,073	4,406	4,380	4,556	4,698	4,722	4,829	5,114
Professional/other/unknown	18,015	19,070	20,136	21,201	22,294	23,548	24,934	25,658	26,793	28,268	30,448
HBCUs, all fields	8,623	8,992	8,807	8,711	8,864	9,070	9,208	9,415	9,327	9,616	9,833
Science and engineering	2,934	2,964	2,922	2,853	2,875	2,846	2,704	2,805	2,810	2,924	2,854
Science	2,521	2,571	2,526	2,410	2,445	2,436	2,347	2,363	2,380	2,508	2,454
Agricultural sciences	91	97	78	78	83	76	88	87	103	100	85
Biological sciences	505	412	420	381	371	434	400	428	455	428	474
Computer sciences	607	752	804	754	650	589	457	444	467	484	456
Earth, atmospheric, and ocean sciences	2	2	2	3	0	3	4	5	9	6	3
Mathematical sciences	145	142	105	126	126	147	104	128	131	142	144
Physical sciences	164	138	131	120	135	125	134	171	146	117	119
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	105	92	83	70	77	81	92	122	90	71	98
Physics	55	42	46	49	56	44	42	49	45	34	19

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Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Other physical sciences	4	4	2	1	2	0	0	0	11	12	2
Psychology	344	342	337	316	341	340	391	353	369	381	433
Social sciences	663	686	649	632	739	722	769	747	700	850	740
Engineering	413	393	396	443	430	410	357	442	430	416	400
Aerospace, aeronautical, and astronautical engineering	8	4	0	4	4	2	5	5	5	8	4
Chemical engineering	31	24	22	27	25	14	19	20	16	20	23
Civil engineering	40	37	31	34	39	49	44	55	65	68	63
Electrical, electronics, and communications engineering	160	142	174	180	149	160	124	171	168	128	137
Industrial and manufacturing engineering	23	22	18	36	37	34	28	24	29	26	30
Materials science engineering	0	0	0	0	0	0	0	0	0	0	0
Mechanical engineering	89	78	75	95	101	82	61	94	82	80	68
Other engineering	62	86	76	67	75	69	76	73	65	86	75
Non-science and engineering	5,689	6,028	5,885	5,858	5,989	6,224	6,504	6,610	6,517	6,692	6,979
Education	723	668	567	610	642	653	687	672	731	729	752
Health	162	144	155	133	155	200	234	226	243	263	316
Humanities	745	799	761	756	834	776	801	851	786	823	866
Professional/other/unknown	4,059	4,417	4,402	4,359	4,358	4,595	4,782	4,861	4,757	4,877	5,045
HBCUs, all fields (%)	23.1	22.9	21.4	20.3	19.7	19.5	18.9	18.9	17.9	17.5	16.6
Science and engineering	23.5	22.1	20.9	19.9	19.6	19.4	18.0	18.7	17.7	17.3	15.8
Science	23.8	22.6	21.3	19.7	19.6	19.6	18.3	18.5	17.5	17.2	15.6
Agricultural sciences	50.8	49.5	46.4	44.1	44.1	40.9	37.0	37.5	42.2	38.6	31.0
Biological sciences	39.6	31.9	31.9	29.4	26.6	27.9	24.6	24.8	23.5	22.0	22.6
Computer sciences	22.5	23.2	23.1	22.0	20.5	19.9	17.1	17.5	16.9	15.6	13.5
Earth, atmospheric, and ocean sciences	6.7	6.1	8.0	10.0	0.0	7.3	8.9	9.4	15.5	9.2	5.0
Mathematical sciences	38.9	38.0	31.3	30.3	30.0	36.3	26.2	29.2	31.8	34.7	28.9
Physical sciences	40.3	36.6	35.8	31.7	32.6	28.2	29.8	35.9	31.7	24.4	23.5
Astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chemistry	37.9	36.1	33.7	27.8	28.6	26.6	27.5	35.6	28.9	21.1	25.5
Physics	48.7	39.6	44.2	45.0	45.9	36.7	42.4	46.2	39.5	30.6	19.2
Other physical sciences	26.7	25.0	13.3	5.9	11.1	0.0	0.0	0.0	36.7	46.2	9.1
Psychology	22.4	21.9	21.4	19.4	20.5	19.3	19.9	18.2	17.9	17.4	17.8
Social sciences	16.2	16.0	14.2	12.9	14.2	14.2	14.2	13.8	12.4	13.9	11.4
Engineering	21.8	19.4	18.6	20.9	19.3	18.6	16.2	19.7	18.9	18.2	17.0
Aerospace, aeronautical, and astronautical engineering	23.5	8.3	0.0	6.6	6.1	3.6	7.8	7.2	5.9	10.7	6.9
Chemical engineering	20.9	16.8	15.3	23.7	25.0	13.7	16.2	16.1	13.6	13.0	13.3
Civil engineering	23.5	24.3	19.3	20.5	20.3	20.5	17.8	20.5	20.6	20.6	18.8
Electrical, electronics, and communications engineering	24.9	20.6	22.2	24.5	19.4	21.9	17.7	23.8	25.9	21.5	24.1
Industrial and manufacturing engineering	20.0	15.0	14.1	23.1	25.2	20.9	20.3	16.8	17.5	17.2	16.7
Materials science engineering	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Mechanical engineering	21.9	22.7	20.5	23.3	23.2	19.0	14.4	21.9	18.3	16.7	13.8
Other engineering	16.9	17.4	15.9	14.1	14.9	14.7	15.2	15.5	13.6	17.6	14.2

TABLE 14. Bachelor's degrees awarded to black or African American men by all institutions and by historically black colleges and universities, by field: 2002–12

Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Non-science and engineering	22.9	23.3	21.6	20.5	19.8	19.6	19.3	19.0	18.0	17.5	17.0
Education	30.9	29.2	25.3	26.6	25.9	25.3	26.4	24.8	27.0	26.3	25.6
Health	19.4	18.1	17.8	13.7	13.9	15.4	14.7	13.6	12.9	11.6	11.9
Humanities	20.5	21.7	19.3	18.6	18.9	17.7	17.6	18.1	16.6	17.0	16.9
Professional/other/unknown	22.5	23.2	21.9	20.6	19.5	19.5	19.2	18.9	17.8	17.3	16.6

HBCU = historically black college or university.

NOTES: Race or ethnicity categories are as designated on the survey form. These categories include U.S. citizens and foreign citizens on permanent visas (i.e., resident aliens who have been admitted for permanent residency). See appendix B for specific fields included in each category.

SOURCE: Tabulated by National Science Foundation, National Center for Science and Engineering Statistics; data from Department of Education, National Center for Education Statistics: Integrated Postsecondary Education Data System Completions Survey.