

TABLE 17. Master'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	10,652	11,439	12,913	13,973	14,958	15,685	16,034	17,222	19,155	20,810	22,068
Science and engineering	2,328	2,608	2,676	2,759	2,873	3,007	3,072	3,173	3,588	3,863	4,203
Science	1,856	2,066	2,107	2,172	2,269	2,383	2,390	2,506	2,824	3,047	3,335
Agricultural sciences	39	38	43	26	35	36	36	50	55	77	67
Biological sciences	88	108	115	96	127	122	154	143	160	210	211
Computer sciences	411	570	518	524	499	553	565	564	648	730	840
Earth, atmospheric, and ocean sciences	12	9	10	10	10	15	13	18	8	21	24
Mathematical sciences	49	49	63	75	76	82	75	69	106	95	105
Physical sciences	56	60	53	47	80	53	69	72	60	66	89
Astronomy	2	0	1	0	0	0	0	3	0	0	1
Chemistry	27	36	33	17	44	28	48	41	41	32	58
Physics	25	23	17	28	34	24	20	26	19	31	24
Other physical sciences	2	1	2	2	2	1	1	2	0	3	6
Psychology	347	352	361	376	337	398	342	442	408	455	531
Social sciences	854	880	944	1,018	1,105	1,124	1,136	1,148	1,379	1,393	1,468
Engineering	472	542	569	587	604	624	682	667	764	816	868
Aerospace, aeronautical, and astronautical engineering	14	7	10	17	19	18	22	15	22	21	15
Chemical engineering	17	18	15	27	16	9	13	10	21	18	22
Civil engineering	51	47	42	49	55	53	58	56	76	83	110
Electrical, electronics, and communications engineering	118	145	131	146	136	153	178	155	150	196	175
Industrial and manufacturing engineering	78	87	104	86	99	93	93	99	143	139	135
Materials science engineering	5	7	9	9	8	6	9	15	8	9	11
Mechanical engineering	53	58	65	64	70	67	89	66	68	76	91
Other engineering	136	173	193	189	201	225	220	251	276	274	309
Non-science and engineering	8,324	8,831	10,237	11,214	12,085	12,678	12,962	14,049	15,567	16,947	17,865
Education	2,675	2,772	3,088	3,418	3,617	3,634	3,476	3,565	3,844	4,011	3,995
Health	430	455	481	494	618	660	709	812	885	940	1,134
Humanities	512	496	560	597	628	636	791	901	1,199	1,300	1,453
Professional/other/unknown	4,707	5,108	6,108	6,705	7,222	7,748	7,986	8,771	9,639	10,696	11,283
HBCUs, all fields	1,163	1,159	1,348	1,291	1,327	1,318	1,371	1,438	1,488	1,556	1,576
Science and engineering	308	294	343	295	413	440	401	402	417	402	426
Science	277	257	294	257	362	370	337	339	353	330	372
Agricultural sciences	11	16	20	6	21	16	11	15	23	23	19
Biological sciences	19	17	25	18	24	19	26	31	17	27	21
Computer sciences	53	53	42	38	33	59	41	39	61	43	46
Earth, atmospheric, and ocean sciences	4	2	0	0	1	3	2	1	0	1	0
Mathematical sciences	15	10	16	11	15	12	12	10	11	13	13
Physical sciences	16	10	13	14	17	16	23	25	15	18	19
Astronomy	0	0	0	0	0	0	0	0	0	0	0
Chemistry	6	4	6	2	6	7	16	13	12	8	11
Physics	10	6	7	12	11	9	7	12	3	10	8

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Field	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Other physical sciences	0	0	0	0	0	0	0	0	0	0	0
Psychology	51	52	45	52	48	57	44	47	43	39	81
Social sciences	108	97	133	118	203	188	178	171	183	166	173
Engineering	31	37	49	38	51	70	64	63	64	72	54
Aerospace, aeronautical, and astronautical engineering	0	0	0	0	0	0	0	0	0	0	0
Chemical engineering	2	0	4	3	5	1	1	1	3	1	1
Civil engineering	5	3	4	5	5	6	4	6	7	4	5
Electrical, electronics, and communications engineering	10	12	15	12	12	25	14	17	15	34	11
Industrial and manufacturing engineering	4	2	3	2	7	7	5	16	3	2	3
Materials science engineering	0	0	0	0	0	0	0	0	0	0	0
Mechanical engineering	7	4	12	5	6	6	16	5	6	7	3
Other engineering	3	16	11	11	16	25	24	18	30	24	31
Non-science and engineering	855	865	1,005	996	914	878	970	1,036	1,071	1,154	1,150
Education	426	428	472	497	441	441	451	430	410	438	401
Health	38	43	45	44	26	27	42	54	54	73	61
Humanities	34	29	49	31	37	27	42	48	163	193	141
Professional/other/unknown	357	365	439	424	410	383	435	504	444	450	547
HBCUs, all fields (%)	10.9	10.1	10.4	9.2	8.9	8.4	8.6	8.3	7.8	7.5	7.1
Science and engineering	13.2	11.3	12.8	10.7	14.4	14.6	13.1	12.7	11.6	10.4	10.1
Science	14.9	12.4	14.0	11.8	16.0	15.5	14.1	13.5	12.5	10.8	11.2
Agricultural sciences	28.2	42.1	46.5	23.1	60.0	44.4	30.6	30.0	41.8	29.9	28.4
Biological sciences	21.6	15.7	21.7	18.8	18.9	15.6	16.9	21.7	10.6	12.9	10.0
Computer sciences	12.9	9.3	8.1	7.3	6.6	10.7	7.3	6.9	9.4	5.9	5.5
Earth, atmospheric, and ocean sciences	33.3	22.2	0.0	0.0	10.0	20.0	15.4	5.6	0.0	4.8	0.0
Mathematical sciences	30.6	20.4	25.4	14.7	19.7	14.6	16.0	14.5	10.4	13.7	12.4
Physical sciences	28.6	16.7	24.5	29.8	21.3	30.2	33.3	34.7	25.0	27.3	21.3
Astronomy	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chemistry	22.2	11.1	18.2	11.8	13.6	25.0	33.3	31.7	29.3	25.0	19.0
Physics	40.0	26.1	41.2	42.9	32.4	37.5	35.0	46.2	15.8	32.3	33.3
Other physical sciences	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Psychology	14.7	14.8	12.5	13.8	14.2	14.3	12.9	10.6	10.5	8.6	15.3
Social sciences	12.6	11.0	14.1	11.6	18.4	16.7	15.7	14.9	13.3	11.9	11.8
Engineering	6.6	6.8	8.6	6.5	8.4	11.2	9.4	9.4	8.4	8.8	6.2
Aerospace, aeronautical, and astronautical engineering	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Chemical engineering	11.8	0.0	26.7	11.1	31.3	11.1	7.7	10.0	14.3	5.6	4.5
Civil engineering	9.8	6.4	9.5	10.2	9.1	11.3	6.9	10.7	9.2	4.8	4.5
Electrical, electronics, and communications engineering	8.5	8.3	11.5	8.2	8.8	16.3	7.9	11.0	10.0	17.3	6.3
Industrial and manufacturing engineering	5.1	2.3	2.9	2.3	7.1	7.5	5.4	16.2	2.1	1.4	2.2
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	13.2	6.9	18.5	7.8	8.6	9.0	18.0	7.6	8.8	9.2	3.3
Other engineering	2.2	9.2	5.7	5.8	8.0	11.1	10.9	7.2	10.9	8.8	10.0

TABLE 17. Master'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	10.3	9.8	9.8	8.9	7.6	6.9	7.5	7.4	6.9	6.8	6.4
Education	15.9	15.4	15.3	14.5	12.2	12.1	13.0	12.1	10.7	10.9	10.0
Health	8.8	9.5	9.4	8.9	4.2	4.1	5.9	6.7	6.1	7.8	5.4
Humanities	6.6	5.8	8.8	5.2	5.9	4.2	5.3	5.3	13.6	14.8	9.7
Professional/other/unknown	7.6	7.1	7.2	6.3	5.7	4.9	5.4	5.7	4.6	4.2	4.8

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.