

Table 8**Top 50 U.S. baccalaureate-origin institutions of Black or African American doctorate recipients from 2010–20, by institutional-yield ratio, institutional control, 2018 Carnegie classification, and HBCU status**

(Number)

Rank	Baccalaureate institution	Black doctorate recipients	Institutional-yield ratio ^a	Institutional control	2018 Carnegie classification	HBCU status
1	Massachusetts Institute of Technology	82	11.9	Private	R1: doctoral universities	No
2	Williams C., Williamstown	42	9.4	Private	Baccalaureate colleges: arts and sciences focus	No
3	Oberlin C.	44	9.1	Private	Baccalaureate colleges: arts and sciences focus	No
4	Princeton U.	88	8.9	Private	R1: doctoral universities	No
5	Wesleyan U.	50	8.8	Private	Baccalaureate colleges: arts and sciences focus	No
6	Rice U.	43	8.7	Private	R1: doctoral universities	No
7	Swarthmore C.	26	8.6	Private	Baccalaureate colleges: arts and sciences focus	No
8	Yale U.	92	8.3	Private	R1: doctoral universities	No
9	Harvard U.	117	8.1	Private	R1: doctoral universities	No
10	Spelman C.	383	7.9	Private	Baccalaureate colleges: arts and sciences focus	Yes
11	U. Rochester	41	7.4	Private	R1: doctoral universities	No
12	Brown U.	72	7.4	Private	R1: doctoral universities	No
13	Dartmouth C.	54	7.3	Private	R1: doctoral universities	No
14	U. Maryland, Baltimore County	193	7.2	Public	R2: doctoral universities	No
15	Wellesley C.	27	7.1	Private	Baccalaureate colleges: arts and sciences focus	No
16	Cornell U.	110	7.0	Private	R1: doctoral universities	No
17	Stanford U.	110	6.6	Private	R1: doctoral universities	No
18	Rensselaer Polytechnic Institute, Troy	30	6.5	Private	R1: doctoral universities	No
19	Duke U.	98	6.4	Private	R1: doctoral universities	No
20	Agnes Scott C.	25	6.2	Private	Baccalaureate colleges: arts and sciences focus	No
21	Carnegie Mellon U.	34	6.1	Private	R1: doctoral universities	No
22	Wake Forest U.	43	6.1	Private	R2: doctoral universities	No
23	U. Chicago	30	6.1	Private	R1: doctoral universities	No
24	Andrews U.	47	6.1	Private	Doctoral/professional universities	No
25	Emory U.	91	6.0	Private	R1: doctoral universities	No
26	U. Pennsylvania	101	5.6	Private	R1: doctoral universities	No
27	Tougaloo C.	82	5.4	Private	Baccalaureate colleges: arts and sciences focus	Yes
28	Texas A&M U., College Station and Health Science Center	103	5.3	Public	R1: doctoral universities	No
29	Columbia U. in the City of New York	68	5.3	Private	R1: doctoral universities	No
30	Northwestern U.	68	5.3	Private	R1: doctoral universities	No
31	Washington U., Saint Louis	71	5.2	Private	R1: doctoral universities	No
32	Vanderbilt U.	56	5.2	Private	R1: doctoral universities	No
33	Fisk U.	69	4.9	Private	Baccalaureate colleges: arts and sciences focus	Yes
34	U. North Carolina, Chapel Hill	211	4.9	Public	R1: doctoral universities	No
35	Xavier U. Louisiana	185	4.6	Private	M3: master's institutions - smaller programs	Yes
36	U. Virginia, Charlottesville	141	4.6	Public	R1: doctoral universities	No

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37	U. Michigan, Ann Arbor	185	4.6	Public	R1: doctoral universities	No
38	C. of William and Mary	36	4.6	Public	R2: doctoral universities	No
39	Johns Hopkins U.	45	4.5	Private	R1: doctoral universities	No
40	Iowa State U.	45	4.4	Public	R1: doctoral universities	No
41	Oakwood U.	108	4.3	Private	Baccalaureate colleges: diverse fields	Yes
42	Morehouse C.	218	4.3	Private	Baccalaureate colleges: arts and sciences focus	Yes
43	Marquette U.	27	4.0	Private	R2: doctoral universities	No
44	Georgia Institute of Technology	77	3.9	Public	R1: doctoral universities	No
45	U. California, Berkeley	99	3.9	Public	R1: doctoral universities	No
46	U. Wisconsin-Madison	50	3.9	Public	R1: doctoral universities	No
47	Tuskegee U.	136	3.6	Private	M2: master's institutions - medium programs	Yes
48	Clemson U.	74	3.6	Public	R1: doctoral universities	No
49	Georgetown U.	38	3.5	Private	R1: doctoral universities	No
50	U. Notre Dame	26	3.5	Private	R1: doctoral universities	No

HBCU = historically Black college and university.

^a The institutional-yield ratio is defined as the number of 2010–20 Black doctorate recipients who received bachelor's degrees from an institution divided by the number of bachelor's degrees awarded to Blacks 9 years earlier (2001–2011) from that same institution. The ratio is expressed as the number of Black doctorates per 100 bachelor's degrees awarded to Black students. For example, 82 Black doctorate recipients over the 2010–20 period reported earning bachelor's degrees from the Massachusetts Institute of Technology (MIT), and a total of 691 Black students earned bachelor's degrees from MIT between 2001 and 2011. Thus, MIT's institutional-yield ratio for the 2010–20 period is 11.9 Black doctorate recipients per 100 bachelor's degrees awarded to Black students at MIT 9 years earlier.

Note(s):

Includes only U.S. citizens and permanent residents. The 2010–20 rankings are based on unrounded institutional-yield ratios. Includes only baccalaureate-awarding institutions in the United States with 25 or more Black graduates later awarded research doctorates and reported bachelor's graduation counts to IPEDS from 2001–11. R1: doctoral universities are those with very high research activity. R2: doctoral universities are institutions with high research activity.

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates; National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey.