

Table 1 below presents 2023 totals for research Ph.D. conferrals and R&D expenditure for the 29 research doctorate-granting HBCU institutions that are classified as R2 or potentially aspire to R2 classification under the Carnegie research classification system, as well as the average of these values over the past three years (2021 - 2023). Starting in 2025 Carnegie will use the highest of these two numbers (current total and 3-year average) when determining research classification status.

The Carnegie classifications are determined using data from the National Science Foundation (NSF) National Center for Science and Engineering Statistics (NCSES) Higher Education Research and Development (HERD) survey and the U.S. Department of Education Institute of Education Sciences National Center of Education Statistics Integrated Postsecondary Education System (IPEDS).

Table 1. R2 and R2-aspiring (a.k.a., "R3") HBCUs as of 2023

Classification	Institution Name	Research Doctorates		R&D Expenditures Total	
		2023	3 Year Average	2023	3 Year Average
Current R2	Howard University	102	97	\$84,756	\$68,524
	Jackson State University	68	74	\$19,457	\$17,698
	Morgan State University	59	67	\$43,868	\$31,326
	North Carolina A&T State University	68	67	\$62,307	\$50,322
	Tennessee State University	44	45	\$28,246	\$24,379
	Clark Atlanta University	36	38	\$10,320	\$9,334
	Florida Agricultural and Mechanical University	33	31	\$65,159	\$54,306
	Prairie View A&M University	26	21	\$21,791	\$19,934
	Southern University and A&M College	35	22	\$5,201	\$5,236
	Texas Southern University	28	27	\$16,287	\$12,512
	University of Maryland Eastern Shore	16	18	\$10,730	\$9,547
CCIHE R2 Criteria met	Hampton University	28	27	\$9,769	\$10,967
	Virginia State University	27	15	\$13,504	\$11,984
	Delaware State University	25	20	\$33,499	\$28,569
	South Carolina State University	25	19	\$7,814	\$5,339
R3 Group 1	University of the Virgin Islands	13	9	\$20,259	\$18,583
	Tuskegee University	11	8	\$25,625	\$22,974
	Norfolk State University	10	10	\$6,194	\$4,701
	University of the District of Columbia	8	3	\$7,945	\$8,943

Classification	Institution Name	Research Doctorates		R&D Expenditures Total	
		2023	3 Year Average	2023	3 Year Average
R3 Group 2	Morehouse School of Medicine	5	7	\$57,125	\$44,084
	Meharry Medical College	6	6	\$22,002	\$18,583
	Xavier University of Louisiana	6	5	\$15,519	\$12,593
	Alabama A&M University	3	6	\$15,588	\$11,460
	North Carolina Central University	2	1	\$18,477	\$16,394
	University of Arkansas at Pine Bluff	0	0	\$7,766	\$7,995
R3 Group 3	Bowie State University	17	13	\$2,612	\$2,454
	Fayetteville State University	15	16	\$3,569	\$3,569
	Alabama State University	4	7	\$3,229	\$3,013
	Grambling State University	2	5	\$449	\$1,626

Sources

[Research Ph.D. conferrals are sourced from the National Center for Education Statistics, Integrated Postsecondary Education Data System \(IPEDS\)](#)

[R&D expenditure data are sourced from the National Center for Science and Engineer Statistics' Higher Education Research and Development \(HERD\) Survey](#)

[The definition of STEM fields is sourced from the Department of Homeland Security's "Study in the States" which defines the list of degree programs that comprise STEM.](#)