

TABLE 32

Higher education R&D expenditures at historically black colleges and universities, ranked by all R&D expenditures, by R&D field: FY 2019

(Dollars in thousands)

Institution	Rank	All R&D expenditures	Computer and information sciences	Geosciences, atmospheric sciences, and ocean sciences	Life sciences	Mathematics and statistics	Physical sciences	Psychology	Social sciences	Sciences nec	Engineering	All non-S&E fields
All HBCUs	-	508,537	17,020	23,534	286,223	8,295	52,648	4,703	16,533	5,214	59,052	35,315
Howard U.	1	44,163	1,328	248	24,940	222	5,277	1,968	843	0	8,401	936
Florida A&M U.	2	42,470	1,268	5,282	21,837	0	3,488	248	5	0	4,477	5,865
North Carolina Agricultural and Technical State U.	3	37,339	1,861	129	16,756	872	1,889	24	0	0	11,766	4,042
Morehouse School of Medicine	4	31,289	0	0	31,289	0	0	0	0	0	0	0
Delaware State U.	5	23,017	1	633	13,791	834	4,306	0	169	530	2,248	505
Tuskegee U.	6	20,562	401	0	8,427	1,216	163	0	4,803	180	5,372	0
Meharry Medical C.	7	18,286	0	0	18,286	0	0	0	0	0	0	0
Jackson State U.	8	18,160	567	1,794	1,902	68	9,159	69	325	819	3,354	103
Prairie View A&M U.	9	18,018	293	57	8,105	7	1,082	851	0	22	5,121	2,480
North Carolina Central U.	10	16,227	0	303	8,401	0	2,774	0	662	0	1,212	2,875
Tennessee State U.	11	15,236	328	0	11,924	98	452	364	3	0	1,207	860
Alcorn State U.	12	14,435	0	0	8,664	0	0	0	5,428	0	343	0
Hampton U.	13	13,605	448	3,779	1,777	217	4,044	25	1,604	0	1,049	662
Morgan State U.	14	13,253	222	3,955	4,197	328	34	62	3	0	3,990	462
Alabama A&M U.	15	12,840	441	0	7,546	123	932	256	437	0	2,354	751
U. of the Virgin Islands	16	12,236	309	830	9,712	740	15	0	1	0	61	568
Virginia State U.	17	11,457	0	157	6,886	1,333	0	0	54	0	793	2,234
Langston U.	18	10,719	0	0	10,287	2	37	0	0	0	0	393
Xavier U. Louisiana	19	10,152	442	0	3,255	0	5,879	47	0	0	376	153
Clark Atlanta U.	20	9,048	405	0	6,360	128	1,265	0	136	0	214	540
U. Arkansas, Pine Bluff	21	9,024	0	0	7,878	0	448	0	0	679	0	19
Kentucky State U.	22	8,433	110	0	8,139	3	0	180	0	0	0	1
Norfolk State U.	23	8,050	5,010	0	108	58	819	0	0	0	1,940	115
U. Maryland, Eastern Shore	24	7,133	0	4,369	721	0	1,278	0	720	0	40	5
West Virginia State U.	25	5,829	0	0	5,424	30	235	0	40	0	34	66
Southern U. and A&M C., Agricultural Research and Extension Center	26	5,448	0	0	5,448	0	0	0	0	0	0	0
Texas Southern U.	27	4,893	250	140	2,695	144	211	0	0	1,323	130	0
U. of the District of Columbia	28	4,800	0	84	2,600	629	0	22	0	0	708	757
Fisk U.	29	4,748	86	0	4,520	0	0	0	0	0	0	142
Fayetteville State U.	30	4,695	220	250	1,236	167	200	0	151	0	0	2,471
Lincoln U., Jefferson City	31	4,581	0	0	4,089	234	71	0	112	75	0	0

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Morehouse C.	32	4,564	914	0	116	256	1,704	61	26	1,350	0	137
Fort Valley State U.	33	4,563	101	0	4,321	36	104	0	0	0	0	1
Southern U. and A&M C., Baton Rouge	34	4,492	172	0	430	39	1,167	0	0	0	1,905	779
Central State U.	35	3,766	8	163	2,923	44	63	0	0	225	340	0
South Carolina State U.	36	3,659	100	0	1,318	0	930	0	0	0	662	649
Tougaloo C.	37	3,380	0	0	1,444	0	849	0	0	0	0	1,087
Grambling State U.	38	2,836	0	0	0	82	845	0	0	0	0	1,909
Dillard U.	39	2,772	0	0	1,776	0	606	0	348	0	0	42
Spelman C.	40	2,751	86	0	536	202	595	526	43	0	16	747
Alabama State U.	41	2,577	0	0	2,577	0	0	0	0	0	0	0
Johnson C. Smith U.	42	2,148	395	90	483	0	66	0	0	0	0	1,114
Winston-Salem State U.	43	2,011	0	0	650	45	320	0	453	0	0	543
Bowie State U.	44	1,911	508	0	122	0	246	0	0	0	0	1,035
Clayton U.	45	1,746	447	259	350	27	508	0	0	0	145	10
Savannah State U.	46	1,720	0	633	320	0	63	0	167	11	526	0
Albany State U.	47	1,491	0	18	1,145	0	150	0	0	0	16	162
Benedict C.	48	1,269	276	157	158	52	374	0	0	0	252	0
Bethune-Cookman U.	49	735	23	204	354	59	0	0	0	0	0	95

i = imputed.

HBCUs = historically black colleges and universities; nec = not elsewhere classified; S&E = science and engineering.

Note(s):

Ranked institutions are geographically separate campuses headed by a campus-level president or chancellor. Some campuses are part of large, multi-campus universities; some are part of state university systems. For a complete list of campuses that belong to a larger university or system and their aggregate R&D expenditures, see table 6.

Source(s):

National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2019.