

TABLE 32

Higher education R&D expenditures at historically Black colleges and universities, ranked by all R&D expenditures, by R&D field: FY 2020

(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	-	501,742	15,550	22,639	282,862	7,092	53,679	4,151	16,432	4,375	61,985	32,977
Howard U.	1	44,933	1,523	225	25,750	230	5,308	1,878	827	0	8,336	856
Florida A&M U.	2	41,319	102	5,844	21,450	0	1,410	242	21	329	4,796	7,125
North Carolina Agricultural and Technical State U.	3	36,151	1,742	31	16,663	818	1,638	30	67	0	10,393	4,769
Morehouse School of Medicine	4	29,813	0	0	29,813	0	0	0	0	0	0	0
Delaware State U.	5	23,876 i	1 i	654 i	14,314 i	865 i	4,461 i	1 i	176 i	549 i	2,332 i	523 i
Tuskegee U.	6	20,973	409	0	8,145	1,240	166	0	4,907	184	5,922	0
Prairie View A&M U.	7	18,723	292	62	8,280	145	1,353	536	213	0	5,222	2,620
Morgan State U.	8	17,193	520	3,384	5,061	134	411	83	98	0	7,228	274
North Carolina Central U.	9	15,833	28	321	7,233	0	3,027	0	415	0	2,675	2,134
Tennessee State U.	10	15,377	148	0	12,466	111	457	245	6	0	1,480	464
Jackson State U.	11	15,081	502	189	2,129	97	9,903	25	201	465	1,468	102
Langston U.	12	14,409	0	0	13,843	2	109	0	0	0	0	455
Meharry Medical C.	13	13,870	0	0	13,870	0	0	0	0	0	0	0
Alcorn State U.	14	13,710	0	0	7,918	0	0	0	5,659	0	133	0
U. of the Virgin Islands	15	13,631	148	3,639	7,103	694	908	0	228	0	902	9
Hampton U.	16	11,402	699	3,454	1,745	226	3,142	0	710	0	866	560
Xavier U. Louisiana	17	11,387	100	0	3,929	0	7,186	55	0	0	65	52
Virginia State U.	18	10,014	0	0	6,123	645	0	0	0	0	1,058	2,188
Alabama A&M U.	19	8,749	301 i	0 i	5,142 i	83 i	636 i	174 i	298 i	0 i	1,603 i	512 i
U. Arkansas, Pine Bluff	20	8,540	0	0	7,415	0	540	0	0	572	0	13
Clark Atlanta U.	21	8,452	183	0	6,017	194	1,649	0	58	0	158	193
U. Maryland, Eastern Shore	22	8,092	0	3,454	2,572	0	1,243	0	695	0	128	0
Kentucky State U.	23	7,963	32	0	7,806	125	0	0	0	0	0	0
Norfolk State U.	24	7,153	4,921	0	114	48	726	0	0	0	1,312	32
Central State U.	25	6,107	0	126	5,451	37	6	0	0	321	166	0
Winston-Salem State U.	26	5,781	443	0	2,400	5	554	252	724	0	0	1,403
Lincoln U., Jefferson City	27	5,777	0	0	5,404	150	26	0	92	105	0	0
West Virginia State U.	28	5,775	110	0	5,199	0	357	0	0	0	109	0
Fort Valley State U.	29	4,921	0	0	4,581	184	72	0	0	0	84	0
Morehouse C.	30	4,825	1,141	0	120	166	1,517	42	3	1,697	0	139

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Texas Southern U.	31	4,782	159	189	2,673	204	661	0	0	0	93	803
U. of the District of Columbia	32	4,590	79	41	2,157	277	0	0	0	0	1,388	648
Southern U. and A&M C., Agricultural Research and Extension Center	33	4,475	0	0	4,475	0	0	0	0	0	0	0
Fisk U.	34	3,904	93	0	3,585	12	212	0	2	0	0	0
Southern U. and A&M C., Baton Rouge	35	3,849	202	0	338	5	735	0	528	0	1,424	617
South Carolina State U.	36	3,796 i	104 i	0 i	1,367 i	0 i	965 i	0 i	0 i	0 i	687 i	673 i
Fayetteville State U.	37	2,797	131	0	1,483	0	260	0	111	0	0	812
Spelman C.	38	2,750	34	0	624	48	713	588	129	0	0	614
Alabama State U.	39	2,582	0	0	1,989	0	60	0	0	0	533	0
Dillard U.	40	2,523	0	0	1,323	0	975	0	189	0	0	36
Johnson C. Smith U.	41	2,472	11	0	412	0	300	0	0	0	364	1,385
Grambling State U.	42	2,427	0	0	0	3	852	0	0	0	0	1,572
Tougaloo C.	43	2,102	0	0	1,741	0	361	0	0	0	0	0
Bowie State U.	44	1,967	682	0	414	0	272	0	0	0	0	599
Claflin U.	45	1,910	500	37	857	13	258	0	75	0	170	0
Savannah State U.	46	1,804	0	728	234	0	50	0	0	153	639	0
Elizabeth City State U.	47	1,473	112	176	435	287	0	0	0	0	0	463
Albany State U.	48	1,060	0	19	654	0	54	0	0	0	3	330
Benedict C.	49	649	98	66	45	44	146	0	0	0	248	2

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 2020.