

TABLE 33

Higher education R&D expenditures at historically black colleges and universities, ranked by all R&D expenditures, by R&D field: FY 2023

(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	-	769,508	25,282	32,719	436,147	8,143	69,138	6,793	17,546	8,078	90,620	75,042
Howard U.	1	84,756	7,235	0	48,554	369	7,016	1,976	1,671	0	11,221	6,714
Florida A&M U.	2	65,159	220	5,377	31,768	33	2,201	120	467	0	9,530	15,443
North Carolina A&T State U.	3	62,307	1,884	0	22,995	1,149	3,306	95	111	2,056	20,925	9,786
Morehouse School of Medicine	4	57,125	0	0	57,125	0	0	0	0	0	0	0
Morgan State U.	5	43,868	1,109	8,663	10,795	356	3,287	286	1,864	0	10,725	6,783
Delaware State U.	6	33,499	1,071	1,451	20,808	803	5,666	473	787	1,296	419	725
Tennessee State U.	7	28,246	1,412	0	16,921	0	369	152	0	0	3,026	6,366
Tuskegee U.	8	25,625	923	0	18,189	616	2,141	0	5	472	3,262	17
Meharry Medical C.	9	22,002	508	0	21,494	0	0	0	0	0	0	0
Prairie View A&M U.	10	21,791	671	2	10,328	40	1,545	5	431	4	5,101	3,664
U. of the Virgin Islands	11	20,259	267	8,729	8,130	679	1,130	0	534	0	790	0
Jackson State U.	12	19,457	383	0	6,183	128	7,333	167	559	618	3,214	872
Alcorn State U.	13	19,141	0	0	11,432	0	0	0	6,360	0	1,349	0
North Carolina Central U.	14	18,477 i	157 i	261 i	7,115 i	0 i	5,524 i	0 i	357 i	293 i	2,317 i	2,453 i
Texas Southern U.	15	16,287	100	0	11,092	125	1,823	661	1,096	0	75	1,315
Alabama A&M U.	16	15,588	557 i	0 i	9,197 i	118 i	1,143 i	310 i	447 i	0 i	3,018 i	798 i
Fort Valley State U.	17	15,536	0	70	15,331	17	118	0	0	0	0	0
Xavier U. Louisiana	18	15,519	540	0	7,030	0	7,701	0	91	0	135	22
Virginia State U.	19	13,504	102	45	8,961	36	144	323	16	1	2,110	1,766
Kentucky State U.	20	11,591	13	0	11,578	0	0	0	0	0	0	0
Central State U.	21	11,123	0	163	10,270	59	352	0	0	124	155	0
U. Maryland, Eastern Shore	22	10,730	0	3,388	7,264	0	15	0	0	0	63	0
Langston U.	23	10,505	0	0	9,676	27	110	518	0	0	0	174
Clark Atlanta U.	24	10,320	113	0	5,873	845	3,168	0	0	0	114	207
Hampton U.	25	9,769	409	1,880	1,745	490	3,898	0	139	0	837	371
Winston-Salem State U.	26	8,668	746	0	2,928	43	551	195	264	0	0	3,941
Lincoln U., Jefferson City	27	8,196	0 i	996 i	6,626 i	0 i	0 i	0 i	237 i	336 i	0 i	1 i
U. of the District of Columbia	28	7,945	351	146	107	227	7	284	50	145	3,342	3,286
South Carolina State U.	29	7,814	1,025	278	3,360	0	541	0	619	0	924	1,067
U. Arkansas, Pine Bluff	30	7,766	0	0	6,081	0	726	0	0	477	0	482
Southern U. and A&M C., Agricultural Research and Extension Center	31	7,764	0	0	7,764	0	0	0	0	0	0	0
Norfolk State U.	32	6,194	444	0	326	123	1,074	0	323	0	2,218	1,686
Morehouse C.	33	5,750	641	0	400	0	2,813	46	0	1,471	0	379

TABLE 33

Higher education R&D expenditures at historically black colleges and universities, ranked by all R&D expenditures, by R&D field: FY 2023

(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
West Virginia State U.	34	5,226	0	0	5,203	23	0	0	0	0	0	0
Southern U. and A&M C., Baton Rouge	35	5,201	417	0	1,211	100	433	0	40	0	2,338	662
Spelman C.	36	4,877	69	336	869	1,112	774	941	312	145	0	319
Fisk U.	37	4,867	949	0	1,228	104	2,574	10	0	0	0	2
Fayetteville State U.	38	3,569 i	524 i	0 i	872 i	0 i	183 i	0 i	173 i	47 i	141 i	1,629 i
Alabama State U.	39	3,229	255	0	2,579	141	0	0	0	0	14	240
Tougaloo C.	40	2,663 i	106 i	2 i	1,368 i	105 i	610 i	127 i	70 i	2 i	2 i	271 i
Bowie State U.	41	2,612	892	0	1,002	14	0	0	69	0	0	635
Benedict C.	42	2,307	189	0	354	187	149	0	0	0	1,428	0
Dillard U.	43	2,296	0	33	1,498	14	163	0	1	198	85	304
Albany State U.	44	1,932	57	0	158	60	111	0	169	188	1,177	12
Savannah State U.	45	1,706	0	522	318	0	85	0	74	205	502	0
Elizabeth City State U.	46	1,641	386	0	495	0	0	3	116	0	0	641
Johnson C. Smith U.	47	1,602	43	308	98	0	0	0	0	0	0	1,153
Clafin U.	48	1,418	306	53	562	0	340	0	94	0	63	0
Southern U., New Orleans	49	1,004	0	0	536	0	0	0	0	0	0	468
Lincoln U.	50	628	96	0	232	0	14	0	0	0	0	286
Grambling State U.	51	449	112	16	118	0	0	101	0	0	0	102

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 2023.