

TABLE 32

## Higher education R&amp;D expenditures at historically black colleges and universities, ranked by all R&amp;D expenditures, by source of funds: FY 2022

(Dollars in thousands)

| Institution  | Rank | All R&D expenditures | Source of funds    |                            |                   |          |                         |                   |
|--|------|----------------------|--------------------|----------------------------|-------------------|----------|-------------------------|-------------------|
|  |      |                      | Federal government | State and local government | Institution funds | Business | Nonprofit organizations | All other sources |
| All HBCUs  | -    | 633,143              | 463,170            | 51,064                     | 91,609            | 7,462    | 14,358                  | 5,480             |
| Howard U.  | 1    | 67,594               | 37,331             | 1,197                      | 23,130            | 2,908    | 1,816                   | 1,212             |
| Florida A&M U.   | 2    | 50,636               | 41,943             | 1,510                      | 6,256             | 334      | 593                     | 0                 |
| North Carolina A&T State U.  | 3    | 47,908               | 29,094             | 3,899                      | 14,445            | 261      | 195                     | 14                |
| Morehouse School of Medicine                                       | 4    | 42,489               | 31,339             | 440                        | 7,155             | 0        | 3,555                   | 0                 |
| Morgan State U.  | 5    | 29,482               | 24,670             | 2,835                      | 707               | 601      | 344                     | 325               |
| Delaware State U.  | 6    | 29,016               | 24,361             | 598                        | 3,457             | 150      | 440                     | 10                |
| Tuskegee U.  | 7    | 21,941               | 14,911             | 3,206                      | 1,128             | 0        | 0                       | 2,696             |
| Prairie View A&M U.  | 8    | 20,429               | 11,665             | 4,037                      | 3,898             | 327      | 502                     | 0                 |
| U. of the Virgin Islands   | 9    | 20,259               | 19,127             | 1,010                      | NA                | 48       | 74                      | 0                 |
| Tennessee State U.   | 10   | 18,012               | 10,859             | 567                        | 6,466             | 4        | 116                     | 0                 |
| Meharry Medical C.   | 11   | 17,960               | 15,048             | 0                          | 648               | 25       | 2,239                   | 0                 |
| Jackson State U.   | 12   | 17,481               | 15,045             | 0                          | 1,427             | 93       | 916                     | 0                 |
| Alcorn State U.  | 13   | 16,726 i             | 9,361 i            | 4,977 i                    | 2,349 i           | 7 i      | 32 i                    | 0 i               |
| North Carolina Central U.  | 14   | 16,600               | 13,709             | 954                        | NA                | 434      | 776                     | 727               |
| Xavier U. Louisiana  | 15   | 14,156               | 11,733             | 585                        | 1,452             | 0        | 386                     | 0                 |
| Virginia State U.  | 16   | 12,326               | 7,115              | 2,006                      | 2,544             | 0        | 661                     | 0                 |
| Texas Southern U.  | 17   | 12,120               | 7,550              | 1,150                      | 3,362             | 0        | 58                      | 0                 |
| Lincoln U., Jefferson City   | 18   | 11,500               | 8,988              | 2,512                      | NA                | 0        | 0                       | 0                 |
| Hampton U.   | 19   | 11,462               | 11,274             | 0                          | 188               | 0        | 0                       | 0                 |
| U. of the District of Columbia                                     | 20   | 10,779               | 9,859              | 920                        | 0                 | 0        | 0                       | 0                 |
| Winston-Salem State U.   | 21   | 10,436               | 8,903              | 283                        | 0                 | 0        | 785                     | 465               |
| Central State U.   | 22   | 10,274               | 5,576              | 3,039                      | 1,659             | 0        | 0                       | 0                 |
| Fort Valley State U.   | 23   | 9,969                | 7,265              | 2,704                      | 0                 | 0        | 0                       | 0                 |
| Alabama A&M U.   | 24   | 9,611                | 9,221              | 4                          | 0                 | 386      | 0                       | 0                 |
| Kentucky State U.  | 25   | 9,284                | 4,743              | 4,357                      | 0                 | 83       | 101                     | 0                 |
| U. Maryland, Eastern Shore   | 26   | 9,274                | 9,062              | 192                        | 20                | 0        | 0                       | 0                 |
| Clark Atlanta U.   | 27   | 8,791                | 5,895              | 0                          | 2,647             | 198      | 51                      | 0                 |
| U. Arkansas, Pine Bluff  | 28   | 7,506                | 3,306              | 1,449                      | 2,737             | 0        | 14                      | 0                 |
| Southern U. and A&M C., Agricultural Research and Extension Center | 29   | 7,048                | 4,261              | 2,765                      | 22                | 0        | 0                       | 0                 |
| West Virginia State U.   | 30   | 6,703                | 4,278              | 1,601                      | 815               | 0        | 9                       | 0                 |
| Langston U.  | 31   | 6,481                | 3,616              | 0                          | 2,449             | 416      | 0                       | 0                 |
| Morehouse C.   | 32   | 5,664                | 5,664              | 0                          | 0                 | 0        | 0                       | 0                 |
| Southern U. and A&M C., Baton Rouge                                | 33   | 4,344                | 3,595              | 80                         | 34                | 635      | 0                       | 0                 |
| South Carolina State U.  | 34   | 4,270 i              | 4,270 i            | NA                         | NA                | NA       | NA                      | NA                |

TABLE 32

**Higher education R&D expenditures at historically black colleges and universities, ranked by all R&D expenditures, by source of funds: FY 2022**

(Dollars in thousands)

| Institution             | Rank | All R&D expenditures | Source of funds    |                            |                   |          |                         |                   |  |  |
|-------------------------|------|----------------------|--------------------|----------------------------|-------------------|----------|-------------------------|-------------------|--|--|
|                         |      |                      | Federal government | State and local government | Institution funds | Business | Nonprofit organizations | All other sources |  |  |
| Fisk U.                 | 35   | 4,000                | 3,486              | 93                         | 10                | 0        | 411                     | 0                 |  |  |
| Norfolk State U.        | 36   | 3,593                | 3,398              | 89                         | 0                 | 0        | 106                     | 0                 |  |  |
| Bowie State U.          | 37   | 3,351                | 3,351              | 0                          | 0                 | 0        | 0                       | 0                 |  |  |
| Fayetteville State U.   | 38   | 3,206                | 1,667              | 479                        | 898               | 116      | 46                      | 0                 |  |  |
| Alabama State U.        | 39   | 3,178                | 2,930              | 0                          | 0                 | 216      | 1                       | 31                |  |  |
| Spelman C.              | 40   | 2,686                | 2,539              | 0                          | 0                 | 147      | 0                       | 0                 |  |  |
| Johnson C. Smith U.     | 41   | 2,685                | 1,868              | 674                        | 0                 | 12       | 131                     | 0                 |  |  |
| Tougaloo C.             | 42   | 2,336 i              | 2,336 i            | 0 i                        | 0 i               | 0 i      | 0 i                     | 0 i               |  |  |
| Grambling State U.      | 43   | 2,306 i              | 809 i              | 639 i                      | 858 i             | 0 i      | 0 i                     | 0 i               |  |  |
| Dillard U.              | 44   | 2,270                | 1,422              | 0                          | 848               | 0        | 0                       | 0                 |  |  |
| Elizabeth City State U. | 45   | 1,934                | 1,667              | 206                        | NA                | 61       | 0                       | 0                 |  |  |
| Savannah State U.       | 46   | 1,888                | 1,881              | 7                          | 0                 | 0        | 0                       | 0                 |  |  |
| Clafin U.               | 47   | 1,179                | 1,179              | 0                          | 0                 | 0        | 0                       | 0                 |  |  |

i = imputed. NA = not available; data were not provided by institution.

HBCUs = historically black colleges and universities.

**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 2022.