

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|---|------|---|-------------------------------------|----------------------|
| All institutions | - | 69,196,722 | 39,484,286 | 108,681,008 |
| Johns Hopkins U. ^a | 1 | 2,883,002 | 918,583 | 3,801,585 |
| Georgia Institute of Technology | 2 | 1,405,080 | 0 | 1,405,080 |
| U. Texas M. D. Anderson Cancer Center | 3 | 1,255,190 | 0 | 1,255,190 |
| Texas A&M U., College Station and Health Science Center | 4 | 1,221,049 | 56,765 | 1,277,814 |
| U. Michigan, Ann Arbor | 5 | 1,128,841 | 797,034 | 1,925,875 |
| U. Wisconsin-Madison | 6 | 1,127,480 | 604,469 | 1,731,949 |
| U. California, Berkeley | 7 | 1,076,754 | 0 | 1,076,754 |
| Pennsylvania State U., University Park and Hershey Medical Center | 8 | 1,049,305 | 157,488 | 1,206,793 |
| Massachusetts Institute of Technology | 9 | 1,000,081 | 0 | 1,000,081 |
| U. Texas, Austin | 10 | 989,652 | 46,186 | 1,035,838 |
| Harvard U. | 11 | 984,897 | 450,321 | 1,435,218 |
| U. California, San Diego | 12 | 923,334 | 782,076 | 1,705,410 |
| Arizona State U. | 13 | 903,779 | 0 | 903,779 |
| U. Minnesota, Twin Cities | 14 | 865,640 | 454,543 | 1,320,183 |
| Purdue U., West Lafayette | 15 | 844,570 | 0 | 844,570 |
| U. Maryland ^b | 16 | 841,731 | 543,571 | 1,385,302 |
| Cornell U. | 17 | 821,271 | 630,700 | 1,451,971 |
| U. Illinois, Urbana-Champaign | 18 | 820,053 | 970 | 821,023 |
| U. Washington, Seattle | 19 | 789,767 | 944,324 | 1,734,091 |
| Michigan State U. | 20 | 727,411 | 116,665 | 844,076 |
| U. Florida | 21 | 719,135 | 531,066 | 1,250,201 |
| Ohio State U. | 22 | 710,495 | 738,693 | 1,449,188 |
| U. California, Davis | 23 | 700,090 | 262,309 | 962,399 |
| U. North Carolina, Chapel Hill | 24 | 695,523 | 854,094 | 1,549,617 |
| U. Southern California | 25 | 676,214 | 478,590 | 1,154,804 |
| U. Arizona | 26 | 668,877 | 286,547 | 955,424 |
| U. Colorado Boulder | 27 | 651,924 | 0 | 651,924 |
| Columbia U. in the City of New York | 28 | 648,383 | 693,569 | 1,341,952 |
| North Carolina State U. | 29 | 633,251 | 0 | 633,251 |
| U. California, Los Angeles | 30 | 631,766 | 1,089,899 | 1,721,665 |
| Vanderbilt U. and Vanderbilt U. Medical Center | 31 | 606,063 | 647,093 | 1,253,156 |
| Virginia Polytechnic Institute and State U. | 32 | 598,113 | 0 | 598,113 |
| U. Pennsylvania | 33 | 586,246 | 1,367,371 | 1,953,617 |
| U. Georgia | 34 | 570,956 | 0 | 570,956 |
| Boston U. | 35 | 548,784 | 224,416 | 773,200 |
| Princeton U. | 36 | 513,365 | 0 | 513,365 |
| Colorado State U., Fort Collins | 37 | 498,073 | 0 | 498,073 |
| Scripps Research Institute | 38 | 494,946 | 0 | 494,946 |
| California Institute of Technology | 39 | 490,672 | 0 | 490,672 |
| Carnegie Mellon U. | 40 | 484,757 | 0 | 484,757 |
| U. Nebraska, Lincoln and Medical Center ^c | 41 | 484,437 | 132,935 | 617,372 |
| New York U. | 42 | 478,272 | 979,152 | 1,457,424 |
| U. Utah | 43 | 468,018 | 255,695 | 723,713 |
| Stanford U. | 44 | 455,095 | 1,082,751 | 1,537,846 |
| U. Delaware | 45 | 428,128 | 0 | 428,128 |
| Iowa State U. | 46 | 420,823 | 0 | 420,823 |
| Utah State U. | 47 | 401,437 | 0 | 401,437 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|---|------|---|-------------------------------------|----------------------|
| U. California, Irvine | 48 | 399,132 | 210,482 | 609,614 |
| Emory U. | 49 | 393,379 | 700,949 | 1,094,328 |
| Rutgers, State U. New Jersey, New Brunswick | 50 | 385,891 | 445,828 | 831,719 |
| Rockefeller U. | 51 | 385,168 | 0 | 385,168 |
| Louisiana State U., Baton Rouge | 52 | 384,268 | 0 | 384,268 |
| Florida State U. | 53 | 380,203 | 34,260 | 414,463 |
| U. Pittsburgh, Pittsburgh | 54 | 373,477 | 1,024,601 | 1,398,078 |
| Wichita State U. | 55 | 366,848 | 0 | 366,848 |
| U. Virginia, Charlottesville | 56 | 364,713 | 349,744 | 714,457 |
| Washington State U. | 57 | 362,718 | 16,026 | 378,744 |
| U. Missouri, Columbia | 58 | 353,856 | 108,579 | 462,435 |
| Auburn U., Auburn | 59 | 349,273 | 0 | 349,273 |
| Northwestern U. | 60 | 348,983 | 765,286 | 1,114,269 |
| U. Tennessee, Knoxville | 61 | 338,847 | 0 | 338,847 |
| Oregon State U. | 62 | 337,985 | 0 | 337,985 |
| U. Notre Dame | 63 | 331,943 | 0 | 331,943 |
| Mississippi State U. | 64 | 319,684 | 0 | 319,684 |
| U. Iowa | 65 | 308,196 | 353,938 | 662,134 |
| U. Oklahoma, Norman and Health Science Center | 66 | 305,804 | 131,160 | 436,964 |
| U. California, Santa Barbara | 67 | 305,483 | 0 | 305,483 |
| U. Kentucky | 68 | 304,577 | 199,428 | 504,005 |
| Florida International U. | 69 | 295,467 | 10,967 | 306,434 |
| U. Kansas | 70 | 289,507 | 176,715 | 466,222 |
| U. South Florida | 71 | 289,268 | 172,122 | 461,390 |
| Northeastern U. | 72 | 288,558 | 0 | 288,558 |
| Indiana U., Bloomington | 73 | 288,037 | 565,019 | 853,056 |
| Woods Hole Oceanographic Institution | 74 | 287,825 | 0 | 287,825 |
| George Washington U. | 75 | 287,568 | 72,692 | 360,260 |
| Clemson U. | 76 | 286,503 | 0 | 286,503 |
| Duke U. | 77 | 285,657 | 1,222,339 | 1,507,996 |
| SUNY, Polytechnic Institute | 78 | 284,677 | 0 | 284,677 |
| U. Hawaii, Manoa | 79 | 283,607 | 29,536 | 313,143 |
| SUNY, U. Buffalo | 80 | 281,049 | 190,520 | 471,569 |
| U. Illinois, Chicago | 81 | 276,373 | 216,563 | 492,936 |
| U. Connecticut | 82 | 269,571 | 120,594 | 390,165 |
| U. Massachusetts, Amherst | 83 | 268,657 | 0 | 268,657 |
| Rice U. | 84 | 255,115 | 0 | 255,115 |
| U. California, San Francisco | 85 | 253,218 | 1,793,321 | 2,046,539 |
| George Mason U. | 86 | 252,239 | 0 | 252,239 |
| Virginia Commonwealth U. | 87 | 242,880 | 237,050 | 479,930 |
| Texas Tech U. | 88 | 240,107 | 0 | 240,107 |
| U. Central Florida | 89 | 239,794 | 7,465 | 247,259 |
| U. South Carolina, Columbia | 90 | 239,728 | 22,479 | 262,207 |
| Georgia State U. | 91 | 237,493 | 0 | 237,493 |
| U. Chicago | 92 | 232,681 | 395,621 | 628,302 |
| U. Houston | 93 | 230,864 | 1,078 | 231,942 |
| Montana State U., Bozeman | 94 | 229,682 | 0 | 229,682 |
| U. Dayton | 95 | 228,723 | 0 | 228,723 |
| Oklahoma State U., Stillwater | 96 | 226,498 | 0 | 226,498 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|---|------|---|-------------------------------------|----------------------|
| U. Louisiana, Lafayette | 97 | 225,924 | 0 | 225,924 |
| U. New Hampshire | 98 | 223,683 | 0 | 223,683 |
| Brown U. | 99 | 222,999 | 130,592 | 353,591 |
| U. Arkansas, Fayetteville | 100 | 221,525 | 0 | 221,525 |
| Yale U. | 101 | 221,292 | 1,105,515 | 1,326,807 |
| Oregon Health and Science U. | 102 | 220,574 | 297,168 | 517,742 |
| U. Alaska, Fairbanks | 103 | 218,041 | 0 | 218,041 |
| Kansas State U. | 104 | 217,992 | 0 | 217,992 |
| Dartmouth C. and Dartmouth Hitchcock Medical Center | 105 | 208,809 | 158,047 | 366,856 |
| U. New Mexico | 106 | 205,514 | 110,512 | 316,026 |
| U. California, Santa Cruz | 107 | 203,883 | 0 | 203,883 |
| U. Alabama, Birmingham | 108 | 202,353 | 578,126 | 780,479 |
| U. Rochester | 109 | 196,931 | 284,296 | 481,227 |
| U. California, Riverside | 110 | 195,216 | 19,586 | 214,802 |
| North Dakota State U. | 111 | 190,330 | 0 | 190,330 |
| U. Maine | 112 | 188,690 | 0 | 188,690 |
| SUNY, Stony Brook U. | 113 | 186,938 | 137,593 | 324,531 |
| U. Alabama, Tuscaloosa | 114 | 184,880 | 0 | 184,880 |
| Syracuse U. | 115 | 183,850 | 0 | 183,850 |
| Temple U. | 116 | 177,376 | 114,653 | 292,029 |
| West Virginia U. | 117 | 175,956 | 70,217 | 246,173 |
| Tufts U. | 118 | 173,575 | 73,701 | 247,276 |
| U. Colorado Anschutz Medical Campus | 119 | 167,976 | 518,050 | 686,026 |
| U. Oregon | 120 | 164,500 | 0 | 164,500 |
| U. Alabama, Huntsville | 121 | 163,428 | 0 | 163,428 |
| New Jersey Institute of Technology | 122 | 161,078 | 0 | 161,078 |
| U. Texas Health Science Center, Houston | 123 | 158,823 | 215,282 | 374,105 |
| U. Texas, San Antonio | 124 | 158,453 | 0 | 158,453 |
| San Diego State U. | 125 | 158,013 | 0 | 158,013 |
| Tulane U. | 126 | 155,212 | 103,227 | 258,439 |
| U. Nevada, Reno | 127 | 152,774 | 35,731 | 188,505 |
| U. Wyoming | 128 | 150,124 | 0 | 150,124 |
| U. North Dakota | 129 | 148,271 | 33,924 | 182,195 |
| U. Texas, Arlington | 130 | 147,265 | 0 | 147,265 |
| U. Texas, Dallas | 131 | 146,779 | 0 | 146,779 |
| Georgetown U. | 132 | 146,396 | 190,610 | 337,006 |
| U. Texas, El Paso | 133 | 145,724 | 0 | 145,724 |
| U. Maryland, Baltimore County | 134 | 144,262 | 0 | 144,262 |
| U. Rhode Island | 135 | 144,013 | 0 | 144,013 |
| SUNY, Binghamton U. | 136 | 141,685 | 0 | 141,685 |
| SUNY, U. Albany | 137 | 141,671 | 0 | 141,671 |
| Texas State U. | 138 | 141,291 | 0 | 141,291 |
| Washington U., Saint Louis | 139 | 140,360 | 1,028,501 | 1,168,861 |
| Brigham Young U., Provo | 140 | 137,748 | 0 | 137,748 |
| U. Idaho | 141 | 135,901 | 0 | 135,901 |
| U. Montana, Missoula | 142 | 133,958 | 0 | 133,958 |
| U. Miami | 143 | 127,409 | 382,542 | 509,951 |
| Drexel U. | 144 | 127,234 | 42,349 | 169,583 |
| New Mexico State U. | 145 | 126,337 | 0 | 126,337 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|---|------|---|-------------------------------------|----------------------|
| U. Cincinnati | 146 | 124,373 | 574,269 | 698,642 |
| Rensselaer Polytechnic Institute | 147 | 121,706 | 0 | 121,706 |
| U. Vermont | 148 | 118,955 | 114,851 | 233,806 |
| New Mexico Institute of Mining and Technology | 149 | 118,735 | 0 | 118,735 |
| Cold Spring Harbor Laboratory | 150 | 117,483 | 0 | 117,483 |
| U. Massachusetts, Lowell | 151 | 117,336 | 0 | 117,336 |
| Case Western Reserve U. | 152 | 113,964 | 439,776 | 553,740 |
| U. North Texas, Denton | 153 | 106,665 | 0 | 106,665 |
| Colorado School of Mines | 154 | 104,297 | 0 | 104,297 |
| Uniformed Services U. of the Health Sciences | 155 | 104,074 | 392,367 | 496,441 |
| Michigan Technological U. | 156 | 103,819 | 0 | 103,819 |
| Brandeis U. | 157 | 103,653 | 0 | 103,653 |
| U. Texas Health Science Center, San Antonio | 158 | 102,921 | 178,157 | 281,078 |
| Touro U., New York | 159 | 100,207 | 340 | 100,547 |
| U. Memphis | 160 | 100,042 | 0 | 100,042 |
| U. Mississippi | 161 | 99,017 | 73,159 | 172,176 |
| U. Nevada, Las Vegas | 162 | 92,870 | 5,881 | 98,751 |
| U. North Carolina, Charlotte | 163 | 92,027 | 0 | 92,027 |
| U. North Texas, Health Science Center | 164 | 91,355 | 3,297 | 94,652 |
| Cleveland State U. | 165 | 87,941 | 0 | 87,941 |
| Indiana U.-Purdue U., Indianapolis | 166 | 87,648 | 0 | 87,648 |
| U. Louisville | 167 | 85,707 | 134,861 | 220,568 |
| San Jose State U. | 168 | 83,406 | 0 | 83,406 |
| Wayne State U. | 169 | 82,341 | 168,570 | 250,911 |
| Baylor U. | 170 | 82,074 | 0 | 82,074 |
| William & Mary | 171 | 81,815 | 0 | 81,815 |
| Boston C. | 172 | 81,425 | 0 | 81,425 |
| Van Andel Research Institute | 173 | 80,748 | 0 | 80,748 |
| Northern Arizona U. | 174 | 77,533 | 0 | 77,533 |
| Naval Postgraduate School | 175 | 77,364 | 0 | 77,364 |
| American U. | 176 | 76,041 | 0 | 76,041 |
| U. Southern Mississippi | 177 | 75,034 | 0 | 75,034 |
| Rochester Institute of Technology | 178 | 72,405 | 0 | 72,405 |
| South Dakota State U. | 179 | 71,340 | 0 | 71,340 |
| Old Dominion U. | 180 | 71,334 | 0 | 71,334 |
| U. Massachusetts, Boston | 181 | 70,978 | 0 | 70,978 |
| Florida Atlantic U. | 182 | 66,520 | 11,073 | 77,593 |
| Worcester Polytechnic Institute | 183 | 66,353 | 0 | 66,353 |
| Florida A&M U. | 184 | 65,159 | 0 | 65,159 |
| U. California, Office of the President | 185 | 63,629 | 0 | 63,629 |
| North Carolina A&T State U. | 186 | 62,307 | 0 | 62,307 |
| U. California, Merced | 187 | 62,279 | 0 | 62,279 |
| Missouri U. of Science and Technology | 188 | 61,496 | 0 | 61,496 |
| Howard U. | 189 | 61,466 | 23,290 | 84,756 |
| U. Wisconsin-Milwaukee | 190 | 60,712 | 0 | 60,712 |
| Stevens Institute of Technology | 191 | 60,685 | 0 | 60,685 |
| Medical U. South Carolina | 192 | 60,419 | 273,407 | 333,826 |
| CUNY, City C. | 193 | 60,017 | 3,142 | 63,159 |
| Southern Methodist U. | 194 | 59,749 | 0 | 59,749 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|---|------|---|-------------------------------------|----------------------|
| Kent State U. | 195 | 58,984 | 0 | 58,984 |
| Air Force Institute of Technology | 196 | 56,848 | 0 | 56,848 |
| Lehigh U. | 197 | 56,301 | 0 | 56,301 |
| CUNY, Graduate Center | 198 | 54,089 | 0 | 54,089 |
| U. Denver | 199 | 53,484 | 0 | 53,484 |
| U. Maryland Center for Environmental Science | 200 | 53,233 | 0 | 53,233 |
| Boise State U. | 201 | 52,989 | 0 | 52,989 |
| U. Texas Rio Grande Valley | 202 | 50,809 | 31,635 | 82,444 |
| East Carolina U. | 203 | 48,059 | 19,023 | 67,082 |
| Marquette U. | 204 | 47,819 | 0 | 47,819 |
| Catholic U. of America | 205 | 47,022 | 0 | 47,022 |
| Ohio U. | 206 | 46,757 | 13,120 | 59,877 |
| Portland State U. | 207 | 46,324 | 0 | 46,324 |
| U.S. Air Force Academy | 208 | 44,880 | 0 | 44,880 |
| U. Missouri, Kansas City | 209 | 44,813 | 9,752 | 54,565 |
| U. North Carolina, Greensboro | 210 | 44,521 | 0 | 44,521 |
| Morgan State U. | 211 | 43,868 | 0 | 43,868 |
| Saint Louis U. | 212 | 43,624 | 42,297 | 85,921 |
| U. Massachusetts, Dartmouth | 213 | 42,018 | 0 | 42,018 |
| Chapman U. | 214 | 41,791 | 0 | 41,791 |
| U. Puerto Rico, Medical Sciences Campus | 215 | 41,112 | 20,123 | 61,235 |
| U. West Florida | 216 | 40,454 | 0 | 40,454 |
| Rowan U. | 217 | 40,410 | 7,400 | 47,810 |
| Georgia Southern U. | 218 | 40,026 | 0 | 40,026 |
| Western Michigan U. and Homer Stryker M.D. School of Medicine | 219 | 39,865 | 5,292 | 45,157 |
| Mercer U. | 220 | 39,606 | 5,641 | 45,247 |
| U. Toledo | 221 | 39,353 | 28,303 | 67,656 |
| Texas A&M U.-Corpus Christi | 222 | 39,305 | 0 | 39,305 |
| Montclair State U. | 223 | 38,209 | 0 | 38,209 |
| Southern Illinois U., Carbondale | 224 | 38,043 | 20,248 | 58,291 |
| CUNY, Hunter C. | 225 | 37,172 | 0 | 37,172 |
| Oakland U. | 226 | 36,267 | 996 | 37,263 |
| California Polytechnic State U., San Luis Obispo | 227 | 35,830 | 0 | 35,830 |
| San Francisco State U. | 228 | 34,466 | 0 | 34,466 |
| East Tennessee State U. | 229 | 34,323 | 8,012 | 42,335 |
| Teachers C., Columbia U. | 230 | 34,183 | 0 | 34,183 |
| Delaware State U. | 231 | 33,499 | 0 | 33,499 |
| Illinois Institute of Technology | 232 | 33,021 | 0 | 33,021 |
| Illinois State U. | 233 | 32,961 | 0 | 32,961 |
| SUNY, C. of Environmental Science and Forestry | 234 | 32,682 | 0 | 32,682 |
| Kennesaw State U. | 235 | 32,497 | 0 | 32,497 |
| Nova Southeastern U. | 236 | 32,111 | 18,062 | 50,173 |
| U. Texas Health Science Center, Tyler | 237 | 32,077 | 0 | 32,077 |
| Louisiana Tech U. | 238 | 31,676 | 0 | 31,676 |
| Villanova U. | 239 | 31,513 | 0 | 31,513 |
| U. Nebraska, Omaha | 240 | 30,841 | 0 | 30,841 |
| Desert Research Institute | 241 | 30,716 | 0 | 30,716 |
| U. South Alabama | 242 | 30,211 | 22,971 | 53,182 |
| Rutgers, State U. New Jersey, Newark | 243 | 29,787 | 0 | 29,787 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|--|------|---|-------------------------------------|----------------------|
| U. Puerto Rico, Rio Piedras | 244 | 29,202 | 0 | 29,202 |
| Northern Illinois U. | 245 | 29,134 | 0 | 29,134 |
| U. Texas Southwestern Medical Center | 246 | 28,738 | 771,653 | 800,391 |
| Miami U. | 247 | 28,430 | 0 | 28,430 |
| Tennessee State U. | 248 | 28,246 | 0 | 28,246 |
| California State U., Sacramento | 249 | 28,027 | 0 | 28,027 |
| Embry-Riddle Aeronautical U. | 250 | 27,451 | 0 | 27,451 |
| CUNY, Graduate School of Public Health and Health Policy | 251 | 26,651 | 0 | 26,651 |
| Texas A&M U.-Kingsville | 252 | 26,401 | 0 | 26,401 |
| California State U., Fullerton | 253 | 25,811 | 0 | 25,811 |
| Tuskegee U. | 254 | 25,625 | 0 | 25,625 |
| U. Minnesota, Duluth | 255 | 25,534 | 0 | 25,534 |
| CUNY, Queens C. | 256 | 25,492 | 0 | 25,492 |
| Clarkson U. | 257 | 25,399 | 0 | 25,399 |
| Florida Gulf Coast U. | 258 | 24,899 | 0 | 24,899 |
| U. Tulsa | 259 | 24,845 | 0 | 24,845 |
| Wake Forest U. | 260 | 24,163 | 284,809 | 308,972 |
| Texas Christian U. | 261 | 23,992 | 58 | 24,050 |
| Fordham U. | 262 | 23,832 | 0 | 23,832 |
| Tarleton State U. | 263 | 23,345 | 0 | 23,345 |
| U. North Florida | 264 | 23,269 | 0 | 23,269 |
| California State U., Northridge | 265 | 23,093 | 0 | 23,093 |
| CUNY, John Jay C. of Criminal Justice | 266 | 22,967 | 0 | 22,967 |
| New School | 267 | 22,680 | 0 | 22,680 |
| Augusta U. | 268 | 22,654 | 116,467 | 139,121 |
| U. Colorado Denver | 269 | 22,530 | 0 | 22,530 |
| U. Guam | 270 | 22,388 | 0 | 22,388 |
| Southern Illinois U., Edwardsville | 271 | 21,927 | 0 | 21,927 |
| U. North Carolina, Wilmington | 272 | 21,879 | 0 | 21,879 |
| Prairie View A&M U. | 273 | 21,791 | 0 | 21,791 |
| U. Akron | 274 | 21,525 | 0 | 21,525 |
| California State U., Long Beach | 275 | 21,458 | 0 | 21,458 |
| California State U., East Bay | 276 | 21,312 | 0 | 21,312 |
| James Madison U. | 277 | 21,265 | 0 | 21,265 |
| Tennessee Technological U. | 278 | 20,797 | 0 | 20,797 |
| Bowling Green State U. | 279 | 20,726 | 0 | 20,726 |
| U.S. Military Academy | 280 | 20,493 | 0 | 20,493 |
| U. New Orleans | 281 | 20,396 | 0 | 20,396 |
| South Dakota School of Mines and Technology | 282 | 20,337 | 0 | 20,337 |
| U. of the Virgin Islands | 283 | 20,259 | 0 | 20,259 |
| U. Alaska, Anchorage | 284 | 19,850 | 0 | 19,850 |
| U. South Dakota | 285 | 19,554 | 10,301 | 29,855 |
| Jackson State U. | 286 | 19,457 | 0 | 19,457 |
| Alcorn State U. | 287 | 19,141 | 0 | 19,141 |
| California State Polytechnic U., Humboldt | 288 | 18,800 | 0 | 18,800 |
| North Carolina Central U. | 289 | 18,477 | 0 | 18,477 |
| Montana Technological U. | 290 | 18,375 | 0 | 18,375 |
| Marshall U. | 291 | 17,994 | 15,699 | 33,693 |
| Idaho State U. | 292 | 17,548 | 0 | 17,548 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|---|------|---|-------------------------------------|----------------------|
| Texas Tech U., Health Sciences Center | 293 | 17,522 | 31,116 | 48,638 |
| CUNY, Advanced Science Research Center | 294 | 17,309 | 0 | 17,309 |
| Towson U. | 295 | 17,198 | 0 | 17,198 |
| Florida Institute of Technology | 296 | 16,859 | 0 | 16,859 |
| Thomas Jefferson U. | 297 | 16,693 | 241,652 | 258,345 |
| Long Island U. | 298 | 16,612 | 0 | 16,612 |
| Texas Southern U. | 299 | 16,287 | 0 | 16,287 |
| Wright State U. | 300 | 15,900 | 10,289 | 26,189 |
| Western Washington U. | 301 | 15,874 | 0 | 15,874 |
| Alabama A&M U. | 302 | 15,588 | 0 | 15,588 |
| Fort Valley State U. | 303 | 15,536 | 0 | 15,536 |
| Xavier U. Louisiana | 304 | 15,519 | 0 | 15,519 |
| Duquesne U. | 305 | 14,989 | 0 | 14,989 |
| U. Tennessee, Chattanooga | 306 | 14,671 | 0 | 14,671 |
| Missouri State U. | 307 | 14,654 | 0 | 14,654 |
| Salisbury U. | 308 | 14,557 | 0 | 14,557 |
| U. Hawaii, system office | 309 | 14,172 | 0 | 14,172 |
| Loyola Marymount U. | 310 | 14,086 | 0 | 14,086 |
| U. Puerto Rico, Mayaguez | 311 | 13,989 | 0 | 13,989 |
| Virginia State U. | 312 | 13,504 | 0 | 13,504 |
| DePaul U. | 313 | 13,267 | 0 | 13,267 |
| California State U., San Bernardino | 314 | 13,152 | 0 | 13,152 |
| Loyola U., Chicago | 315 | 12,919 | 39,526 | 52,445 |
| U. San Diego | 316 | 12,902 | 0 | 12,902 |
| U. Missouri, Saint Louis | 317 | 12,808 | 0 | 12,808 |
| Central Michigan U. | 318 | 11,766 | 13,597 | 25,363 |
| Ball State U. | 319 | 11,650 | 0 | 11,650 |
| Kentucky State U. | 320 | 11,591 | 0 | 11,591 |
| Clark U. | 321 | 11,539 | 0 | 11,539 |
| U. Texas Medical Branch | 322 | 11,447 | 221,745 | 233,192 |
| California State U., San Marcos | 323 | 11,443 | 0 | 11,443 |
| California State U., Fresno | 324 | 11,411 | 0 | 11,411 |
| SUNY, Upstate Medical U. | 325 | 11,303 | 41,916 | 53,219 |
| Central State U. | 326 | 11,123 | 0 | 11,123 |
| Sam Houston State U. | 327 | 11,044 | 716 | 11,760 |
| U.S. Naval Academy | 328 | 10,920 | 0 | 10,920 |
| U. Michigan, Dearborn | 329 | 10,839 | 0 | 10,839 |
| Wesleyan U. | 330 | 10,828 | 0 | 10,828 |
| U. Maryland, Eastern Shore | 331 | 10,730 | 0 | 10,730 |
| California State Polytechnic U., Pomona | 332 | 10,722 | 0 | 10,722 |
| Pacific U. | 333 | 10,719 | 0 | 10,719 |
| California State U., Monterey Bay | 334 | 10,678 | 0 | 10,678 |
| Pepperdine U. | 335 | 10,632 | 0 | 10,632 |
| Langston U. | 336 | 10,505 | 0 | 10,505 |
| Clark Atlanta U. | 337 | 10,320 | 0 | 10,320 |
| West Texas A&M U. | 338 | 10,302 | 0 | 10,302 |
| California State U., Los Angeles | 339 | 10,186 | 0 | 10,186 |
| Kean U. | 340 | 10,062 | 0 | 10,062 |
| Gallaudet U. | 341 | 9,894 | 0 | 9,894 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|--|------|---|-------------------------------------|----------------------|
| Hampton U. | 342 | 9,769 | 0 | 9,769 |
| U. San Francisco | 343 | 9,633 | 0 | 9,633 |
| Middle Tennessee State U. | 344 | 9,577 | 0 | 9,577 |
| Rutgers, State U. New Jersey, Camden | 345 | 9,527 | 0 | 9,527 |
| Western Kentucky U. | 346 | 9,298 | 0 | 9,298 |
| Lamar U. | 347 | 9,168 | 0 | 9,168 |
| U. Northern Colorado | 348 | 9,064 | 0 | 9,064 |
| Bryn Mawr C. | 349 | 9,039 | 0 | 9,039 |
| U. Arkansas, Little Rock | 350 | 8,685 | 0 | 8,685 |
| Saint Joseph's U. | 351 | 8,675 | 0 | 8,675 |
| Winston-Salem State U. | 352 | 8,668 | 0 | 8,668 |
| Yeshiva U. | 353 | 8,661 | 0 | 8,661 |
| CUNY, Brooklyn C. | 354 | 8,535 | 0 | 8,535 |
| Appalachian State U. | 355 | 8,479 | 0 | 8,479 |
| Eastern Michigan U. | 356 | 8,363 | 0 | 8,363 |
| Lincoln U., Jefferson City | 357 | 8,196 | 0 | 8,196 |
| Abilene Christian U. | 358 | 8,182 | 0 | 8,182 |
| Amherst C. | 359 | 8,152 | 0 | 8,152 |
| U. Hawaii, Hilo | 360 | 8,112 | 0 | 8,112 |
| Southern Connecticut State U. | 361 | 8,007 | 0 | 8,007 |
| U. of the District of Columbia | 362 | 7,945 | 0 | 7,945 |
| Creighton U. | 363 | 7,926 i | 20,517 i | 28,443 |
| U. Central Oklahoma | 364 | 7,870 i | 0 i | 7,870 i |
| South Carolina State U. | 365 | 7,814 | 0 | 7,814 |
| U. Arkansas, Pine Bluff | 366 | 7,766 | 0 | 7,766 |
| Southern U. and A&M C., Agricultural Research and Extension Center | 367 | 7,764 | 0 | 7,764 |
| Pennsylvania State U., Behrend | 368 | 7,614 | 0 | 7,614 |
| Grinnell C. | 369 | 7,597 | 0 | 7,597 |
| Purdue U., Northwest | 370 | 7,504 | 0 | 7,504 |
| Hofstra U. | 371 | 7,495 | 667 | 8,162 |
| MGH Institute of Health Professions | 372 | 7,426 | 0 | 7,426 |
| Western U. of Health Sciences | 373 | 7,399 | 1,530 | 8,929 |
| Arkansas State U., Jonesboro | 374 | 7,323 | 0 | 7,323 |
| Claremont Graduate U. | 375 | 7,262 | 0 | 7,262 |
| C. Charleston | 376 | 7,231 | 0 | 7,231 |
| Seton Hall U. | 377 | 7,068 | 0 | 7,068 |
| Texas A&M U.-Commerce | 378 | 7,029 | 0 | 7,029 |
| U. Colorado Colorado Springs | 379 | 7,012 | 0 | 7,012 |
| Claremont McKenna C. | 380 | 6,925 | 0 | 6,925 |
| Texas Woman's U. | 381 | 6,922 | 0 | 6,922 |
| Hope C. | 382 | 6,910 | 0 | 6,910 |
| U. North Carolina, Asheville | 383 | 6,761 | 0 | 6,761 |
| Reed C. | 384 | 6,750 i | 0 i | 6,750 i |
| U. Baltimore | 385 | 6,615 | 0 | 6,615 |
| Williams C. | 386 | 6,448 i | 0 i | 6,448 i |
| California State U., Bakersfield | 387 | 6,409 | 0 | 6,409 |
| Barnard C. | 388 | 6,320 | 0 | 6,320 |
| Wellesley C. | 388 | 6,320 | 0 | 6,320 |
| Louisiana State U., Health Sciences Center, New Orleans | 390 | 6,245 | 62,462 | 68,707 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|--|------|---|-------------------------------------|----------------------|
| U. Washington, Tacoma | 391 | 6,243 | 0 | 6,243 |
| Grand Valley State U. | 392 | 6,231 | 0 | 6,231 |
| Norfolk State U. | 393 | 6,194 | 0 | 6,194 |
| Northwest Indian C. | 394 | 6,184 | 0 | 6,184 |
| West Chester U. Pennsylvania | 395 | 6,132 | 0 | 6,132 |
| Midwestern U. | 396 | 6,101 | 6,624 | 12,725 |
| Azusa Pacific U. | 397 | 6,097 | 0 | 6,097 |
| Roseman U. of Health Sciences | 398 | 6,065 | 0 | 6,065 |
| Indiana U. Pennsylvania | 399 | 6,052 | 0 | 6,052 |
| U.S. Army War C. | 400 | 6,035 | 0 | 6,035 |
| California State U., Chico | 401 | 5,984 | 0 | 5,984 |
| Smith C. | 402 | 5,954 | 0 | 5,954 |
| High Tech High Graduate School of Ed. | 403 | 5,939 | 0 | 5,939 |
| U. Southern Maine | 404 | 5,930 | 0 | 5,930 |
| CUNY, Lehman C. | 405 | 5,918 | 0 | 5,918 |
| Bucknell U. | 406 | 5,887 | 0 | 5,887 |
| Naval War C. | 407 | 5,819 | 0 | 5,819 |
| Morehouse C. | 408 | 5,750 | 0 | 5,750 |
| U. Washington, Bothell | 409 | 5,738 | 0 | 5,738 |
| Santa Clara U. | 410 | 5,679 | 0 | 5,679 |
| Swarthmore C. | 411 | 5,620 | 0 | 5,620 |
| Texas A&M International U. | 412 | 5,602 | 0 | 5,602 |
| Oregon Institute of Technology | 413 | 5,585 | 0 | 5,585 |
| California State U., Dominguez Hills | 414 | 5,558 | 0 | 5,558 |
| Providence C. | 415 | 5,533 | 0 | 5,533 |
| Memorial Sloan Kettering Cancer Center, Louis V. Gerstner Jr. Graduate S. of Biomedical Sciences | 416 | 5,324 | 0 | 5,324 |
| Trinity U. | 417 | 5,296 | 0 | 5,296 |
| Dakota State U. | 418 | 5,253 | 0 | 5,253 |
| West Virginia State U. | 419 | 5,226 | 0 | 5,226 |
| Meharry Medical C. | 420 | 5,221 | 16,781 | 22,002 |
| Southern U. and A&M C., Baton Rouge | 421 | 5,201 | 0 | 5,201 |
| Suffolk U. | 422 | 5,164 | 0 | 5,164 |
| Pennsylvania State U., Harrisburg | 423 | 5,159 | 0 | 5,159 |
| U. Detroit Mercy | 424 | 5,142 | 0 | 5,142 |
| Colgate U. | 425 | 4,930 | 0 | 4,930 |
| Sul Ross State U. | 426 | 4,878 | 0 | 4,878 |
| Spelman C. | 427 | 4,877 | 0 | 4,877 |
| Fisk U. | 428 | 4,867 | 0 | 4,867 |
| U. Wisconsin-Superior | 429 | 4,825 | 0 | 4,825 |
| U. New England | 430 | 4,772 | 1,984 | 6,756 |
| Sacred Heart U. | 431 | 4,733 | 0 | 4,733 |
| CUNY, C. Staten Island | 432 | 4,730 | 0 | 4,730 |
| Coastal Carolina U. | 433 | 4,729 | 0 | 4,729 |
| Occidental C. | 434 | 4,718 | 0 | 4,718 |
| Toyota Technological Institute, Chicago | 435 | 4,636 | 0 | 4,636 |
| Lawrence Technological U. | 436 | 4,632 | 0 | 4,632 |
| Sonoma State U. | 437 | 4,625 | 0 | 4,625 |
| Philadelphia C. of Osteopathic Medicine | 438 | 4,611 | 2,848 | 7,459 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|---|------|---|-------------------------------------|----------------------|
| U. Wisconsin-Stevens Point | 439 | 4,589 | 0 | 4,589 |
| U. Northern Iowa | 440 | 4,564 | 0 | 4,564 |
| Rush U. | 441 | 4,560 | 127,834 | 132,394 |
| Colby C. | 442 | 4,454 | 0 | 4,454 |
| SUNY, C. of Optometry | 443 | 4,423 | 0 | 4,423 |
| U. of Health Sciences and Pharmacy in St. Louis | 444 | 4,343 | 0 | 4,343 |
| CUNY, system office | 445 | 4,296 | 0 | 4,296 |
| U. Oklahoma, Tulsa | 446 | 4,188 | 1,638 | 5,826 |
| Carleton C. | 447 | 4,185 | 0 | 4,185 |
| Alfred U. | 448 | 4,154 | 0 | 4,154 |
| Pomona C. | 449 | 4,149 | 0 | 4,149 |
| Franklin and Marshall C. | 450 | 4,111 | 0 | 4,111 |
| Trinity C., Hartford | 451 | 4,099 | 0 | 4,099 |
| Haverford C. | 452 | 4,088 | 0 | 4,088 |
| CUNY, Baruch C. | 453 | 4,084 | 0 | 4,084 |
| Keck Graduate Institute | 454 | 4,059 | 0 | 4,059 |
| Loma Linda U. | 454 | 4,059 | 18,203 | 22,262 |
| Pace U. | 456 | 4,056 | 0 | 4,056 |
| California State U., Channel Islands | 457 | 3,992 | 0 | 3,992 |
| St. John's U., New York | 458 | 3,955 | 0 | 3,955 |
| Austin Peay State U. | 459 | 3,950 | 0 | 3,950 |
| Seattle U. | 460 | 3,949 | 0 | 3,949 |
| Western Illinois U. | 461 | 3,824 | 0 | 3,824 |
| Northern Kentucky U. | 462 | 3,790 | 0 | 3,790 |
| Troy U. | 463 | 3,785 | 0 | 3,785 |
| Citadel Military C. South Carolina | 464 | 3,757 | 0 | 3,757 |
| Chicago State U. | 465 | 3,756 | 0 | 3,756 |
| Central Washington U. | 466 | 3,683 | 0 | 3,683 |
| Harvey Mudd C. | 467 | 3,682 | 0 | 3,682 |
| U. Nebraska, Kearney | 468 | 3,681 | 0 | 3,681 |
| Stephen F. Austin State U. | 469 | 3,661 | 0 | 3,661 |
| U. New Haven | 470 | 3,602 | 0 | 3,602 |
| Fayetteville State U. | 471 | 3,569 | 0 | 3,569 |
| Des Moines U. | 472 | 3,531 | 401 | 3,932 |
| Christopher Newport U. | 473 | 3,507 | 0 | 3,507 |
| U. Texas, Tyler | 474 | 3,487 | 0 | 3,487 |
| New Mexico Highlands U. | 475 | 3,468 | 0 | 3,468 |
| Roger Williams U. | 476 | 3,465 | 0 | 3,465 |
| Fort Lewis C. | 477 | 3,372 | 0 | 3,372 |
| Bowdoin C. | 478 | 3,339 | 0 | 3,339 |
| Milwaukee School of Engineering | 479 | 3,317 | 0 | 3,317 |
| Hamilton C. | 480 | 3,285 | 0 | 3,285 |
| Youngstown State U. | 481 | 3,244 | 0 | 3,244 |
| Alabama State U. | 482 | 3,229 | 0 | 3,229 |
| Murray State U. | 483 | 3,193 | 0 | 3,193 |
| Winthrop U. | 484 | 3,189 | 0 | 3,189 |
| Saginaw Valley State U. | 485 | 3,143 | 0 | 3,143 |
| U. Central Arkansas | 486 | 3,092 | 0 | 3,092 |
| U. Richmond | 487 | 3,058 | 0 | 3,058 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|--|------|---|-------------------------------------|----------------------|
| Minnesota State U., Mankato | 488 | 3,055 | 0 | 3,055 |
| Dine C. | 489 | 3,054 | 0 | 3,054 |
| Pittsburg State U. | 490 | 2,979 | 0 | 2,979 |
| Middlebury C. | 491 | 2,975 | 0 | 2,975 |
| East Stroudsburg U. Pennsylvania | 492 | 2,928 | 0 | 2,928 |
| Davidson C. | 493 | 2,926 | 0 | 2,926 |
| U. Wisconsin-La Crosse | 494 | 2,921 | 0 | 2,921 |
| Hawaii Pacific U. | 495 | 2,913 | 0 | 2,913 |
| St. Cloud State U. | 496 | 2,901 | 0 | 2,901 |
| Southeastern Louisiana U. | 497 | 2,858 | 0 | 2,858 |
| SUNY, Downstate Health Sciences U. | 498 | 2,848 | 32,752 | 35,600 |
| CUNY, New York City C. of Technology | 499 | 2,819 | 0 | 2,819 |
| Purdue U., Fort Wayne | 500 | 2,804 | 0 | 2,804 |
| U. Wisconsin-Green Bay | 501 | 2,801 | 0 | 2,801 |
| U. Wisconsin-River Falls | 502 | 2,772 | 0 | 2,772 |
| U. Texas of the Permian Basin | 503 | 2,769 | 0 | 2,769 |
| Texas Tech U., Health Sciences Center, El Paso | 504 | 2,720 | 10,469 | 13,189 |
| Lewis and Clark C. | 505 | 2,686 | 0 | 2,686 |
| Tougaloo C. | 506 | 2,663 i | 0 i | 2,663 i |
| Morehead State U. | 507 | 2,658 | 0 | 2,658 |
| C. New Jersey | 508 | 2,641 | 0 | 2,641 |
| SUNY, Buffalo State U. | 509 | 2,636 | 0 | 2,636 |
| Bowie State U. | 510 | 2,612 | 0 | 2,612 |
| Marymount U. | 511 | 2,601 | 0 | 2,601 |
| Vassar C. | 512 | 2,596 | 0 | 2,596 |
| Albany C. of Pharmacy and Health Sciences | 513 | 2,594 i | 0 i | 2,594 i |
| SUNY, Cobleskill | 514 | 2,566 | 0 | 2,566 |
| Calvin U. | 515 | 2,555 | 0 | 2,555 |
| U. Tennessee, Health Science Center | 516 | 2,549 | 127,923 | 130,472 |
| Eastern Washington U. | 517 | 2,546 | 0 | 2,546 |
| Lake Superior State U. | 518 | 2,545 | 0 | 2,545 |
| Elon U. | 519 | 2,544 | 0 | 2,544 |
| Western Carolina U. | 520 | 2,543 | 0 | 2,543 |
| Charles R. Drew U. of Medicine and Science | 521 | 2,542 | 17,009 | 19,551 |
| Mount Holyoke C. | 522 | 2,533 | 0 | 2,533 |
| Monmouth U. | 523 | 2,517 | 0 | 2,517 |
| U. Illinois, Springfield | 524 | 2,508 | 0 | 2,508 |
| Colorado C. | 525 | 2,498 | 0 | 2,498 |
| La Sierra U. | 526 | 2,496 i | 0 i | 2,496 i |
| National Defense U. | 527 | 2,494 | 0 | 2,494 |
| New England C. of Optometry | 528 | 2,491 | 0 | 2,491 |
| Franklin W. Olin C. of Engineering | 529 | 2,450 | 0 | 2,450 |
| Erikson Institute | 530 | 2,414 | 0 | 2,414 |
| Wheaton C., Wheaton | 531 | 2,403 | 0 | 2,403 |
| Stockton U. | 532 | 2,386 | 0 | 2,386 |
| Skidmore C. | 533 | 2,384 | 0 | 2,384 |
| Hobart and William Smith Colleges | 534 | 2,373 | 0 | 2,373 |
| Virginia Military Institute | 535 | 2,350 | 0 | 2,350 |
| New York Institute of Technology | 536 | 2,329 | 3,461 | 5,790 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|--------------------------------------|------|---|-------------------------------------|----------------------|
| Benedict C. | 537 | 2,307 | 0 | 2,307 |
| California State U., Stanislaus | 538 | 2,305 | 0 | 2,305 |
| Dillard U. | 539 | 2,296 | 0 | 2,296 |
| U. of St. Thomas (MN) | 540 | 2,280 | 0 | 2,280 |
| Furman U. | 541 | 2,267 | 0 | 2,267 |
| Northeastern Illinois U. | 542 | 2,262 | 0 | 2,262 |
| Black Hills State U. | 543 | 2,260 | 0 | 2,260 |
| Florida Polytechnic U. | 543 | 2,260 | 0 | 2,260 |
| U. South Carolina, Aiken | 545 | 2,250 | 0 | 2,250 |
| C. Wooster | 546 | 2,209 | 0 | 2,209 |
| U. Louisiana, Monroe | 547 | 2,203 | 0 | 2,203 |
| U. Wisconsin-Eau Claire | 548 | 2,191 | 0 | 2,191 |
| U. Ana G. Mendez, Gurabo | 549 | 2,132 | 0 | 2,132 |
| U. Houston-Clear Lake | 550 | 2,127 | 0 | 2,127 |
| Bates C. | 551 | 2,118 | 0 | 2,118 |
| U. Wisconsin-Oshkosh | 552 | 2,087 | 0 | 2,087 |
| U. Puerto Rico, Humacao | 553 | 2,074 | 0 | 2,074 |
| Northwestern State U. Louisiana | 554 | 2,057 | 0 | 2,057 |
| Utah Valley U. | 555 | 2,015 | 0 | 2,015 |
| Lafayette C. | 556 | 1,991 | 0 | 1,991 |
| U. of the Pacific | 557 | 1,972 | 0 | 1,972 |
| U. Houston-Downtown | 558 | 1,967 | 0 | 1,967 |
| SUNY, Geneseo | 559 | 1,958 | 0 | 1,958 |
| Babson C. | 560 | 1,957 | 0 | 1,957 |
| Lipscomb U. | 561 | 1,946 | 0 | 1,946 |
| Macalester C. | 562 | 1,935 | 0 | 1,935 |
| Albany State U. | 563 | 1,932 | 0 | 1,932 |
| Ferris State U. | 564 | 1,915 | 0 | 1,915 |
| Union C., Schenectady | 565 | 1,881 | 0 | 1,881 |
| SUNY, C. Brockport | 566 | 1,877 | 0 | 1,877 |
| Northern Michigan U. | 567 | 1,871 | 0 | 1,871 |
| Northeast Ohio Medical U. | 568 | 1,853 | 11,263 | 13,116 |
| Alaska Pacific U. | 569 | 1,823 | 0 | 1,823 |
| U. Alaska, Southeast | 570 | 1,822 | 0 | 1,822 |
| Marshall B. Ketchum U. | 571 | 1,777 | 0 | 1,777 |
| Nevada State C. | 572 | 1,744 | 0 | 1,744 |
| Palmer C. of Chiropractic, Davenport | 573 | 1,725 | 0 | 1,725 |
| Drake U. | 574 | 1,724 | 0 | 1,724 |
| St. Olaf C. | 574 | 1,724 | 0 | 1,724 |
| SUNY, C. Plattsburgh | 576 | 1,722 | 0 | 1,722 |
| CUNY, York C. | 577 | 1,711 | 0 | 1,711 |
| Savannah State U. | 578 | 1,706 | 0 | 1,706 |
| U. North Georgia | 579 | 1,643 | 0 | 1,643 |
| Elizabeth City State U. | 580 | 1,641 | 0 | 1,641 |
| Norwich U. | 581 | 1,637 | 0 | 1,637 |
| Colorado State U., Pueblo | 582 | 1,624 | 0 | 1,624 |
| U. Puget Sound | 583 | 1,613 | 0 | 1,613 |
| Johnson C. Smith U. | 584 | 1,602 | 0 | 1,602 |
| SUNY, Oswego | 585 | 1,595 | 0 | 1,595 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|--|------|---|-------------------------------------|----------------------|
| Indiana U., South Bend | 586 | 1,593 | 0 | 1,593 |
| Texas A&M U.-San Antonio | 586 | 1,593 | 0 | 1,593 |
| U. of the Incarnate Word | 588 | 1,590 | 655 | 2,245 |
| Bentley U. | 589 | 1,589 | 0 | 1,589 |
| Whitman C. | 590 | 1,568 | 0 | 1,568 |
| Merrimack C. | 591 | 1,560 | 0 | 1,560 |
| Pratt Institute | 592 | 1,558 | 0 | 1,558 |
| Willamette U. | 593 | 1,542 | 0 | 1,542 |
| U. Hartford | 594 | 1,533 | 0 | 1,533 |
| U. Puerto Rico, Cayey | 595 | 1,519 | 0 | 1,519 |
| Rosalind Franklin U. of Medicine and Science | 596 | 1,513 | 10,116 | 11,629 |
| Hartford International U. for Religion and Peace | 597 | 1,485 | 0 | 1,485 |
| Fairfield U. | 598 | 1,484 | 0 | 1,484 |
| U. Wisconsin-Platteville | 599 | 1,481 | 0 | 1,481 |
| Saint John's U. | 600 | 1,479 | 0 | 1,479 |
| U. South Carolina, Beaufort | 601 | 1,466 | 0 | 1,466 |
| Biola U. | 602 | 1,461 | 0 | 1,461 |
| Eastern Connecticut State U. | 603 | 1,449 | 0 | 1,449 |
| Eastern Kentucky U. | 604 | 1,446 | 0 | 1,446 |
| Northland C. | 605 | 1,442 | 0 | 1,442 |
| Connecticut C. | 606 | 1,440 | 0 | 1,440 |
| Liberty U. | 607 | 1,432 | 468 | 1,900 |
| Robert Morris U. | 608 | 1,419 | 0 | 1,419 |
| Clafin U. | 609 | 1,418 | 0 | 1,418 |
| Oberlin C. | 610 | 1,408 | 0 | 1,408 |
| C. of Saint Benedict | 611 | 1,400 | 0 | 1,400 |
| Butler U. | 612 | 1,396 | 0 | 1,396 |
| United Tribes Technical C. | 613 | 1,387 | 0 | 1,387 |
| U. Hawaii, Maui C. | 614 | 1,376 | 0 | 1,376 |
| Kenyon C. | 615 | 1,371 | 0 | 1,371 |
| National U. of Natural Medicine | 616 | 1,336 | 0 | 1,336 |
| St. Edward's U. | 617 | 1,334 | 0 | 1,334 |
| Indiana State U. | 618 | 1,327 | 0 | 1,327 |
| Arcadia U. | 619 | 1,321 | 0 | 1,321 |
| Radford U. | 620 | 1,315 | 0 | 1,315 |
| Andrews U. | 621 | 1,255 | 0 | 1,255 |
| Heidelberg U. | 622 | 1,254 | 0 | 1,254 |
| Manhattan C. | 623 | 1,250 | 0 | 1,250 |
| U. Virginia's C. Wise | 624 | 1,223 | 0 | 1,223 |
| Pennsylvania State U., Altoona | 625 | 1,215 | 0 | 1,215 |
| U. Scranton | 626 | 1,169 | 0 | 1,169 |
| Ursinus C. | 627 | 1,150 | 0 | 1,150 |
| U. of Mary Washington | 628 | 1,115 | 0 | 1,115 |
| Western New England U. | 628 | 1,115 | 0 | 1,115 |
| Gettysburg C. | 630 | 1,099 | 0 | 1,099 |
| New C. Florida | 631 | 1,080 | 0 | 1,080 |
| Marian U., Indianapolis | 632 | 1,061 | 1,948 | 3,009 |
| Southern U., New Orleans | 633 | 1,004 | 0 | 1,004 |
| Gustavus Adolphus C. | 634 | 969 | 0 | 969 |

TABLE 36

Higher education R&D expenditures at all institutions, ranked by all non-medical school R&D expenditures: FY 2023

(Dollars in thousands)

| Institution | Rank | All non-medical school R&D expenditures | All medical school R&D expenditures | All R&D expenditures |
|--|------|---|-------------------------------------|----------------------|
| Central Connecticut State U. | 635 | 934 | 0 | 934 |
| Canisius U. | 636 | 905 | 0 | 905 |
| Ithaca C. | 637 | 861 | 0 | 861 |
| Rhode Island C. | 638 | 839 | 0 | 839 |
| Framingham State U. | 639 | 735 | 0 | 735 |
| Touro U., California | 640 | 710 | 2,167 | 2,877 |
| U.S. Coast Guard Academy | 641 | 689 | 0 | 689 |
| U. Puerto Rico, Ponce | 642 | 659 | 0 | 659 |
| Lincoln U. | 643 | 628 | 0 | 628 |
| Morehouse School of Medicine | 644 | 584 | 56,541 | 57,125 |
| Bryant U. | 645 | 558 | 0 | 558 |
| William Paterson U. | 646 | 533 | 0 | 533 |
| Grambling State U. | 647 | 449 | 0 | 449 |
| Albion C. | 648 | 276 | 0 | 276 |
| St. Mary's C. Maryland | 649 | 205 | 0 | 205 |
| New York Medical C. | 650 | 132 | 16,981 | 17,113 |
| Lincoln Memorial U. | 651 | 73 | 1,568 | 1,641 |
| Albany Medical C. | - | 0 | 23,259 | 23,259 |
| Albert Einstein C. of Medicine | - | 0 | 336,238 | 336,238 |
| Baylor C. of Medicine | - | 0 | 847,305 | 847,305 |
| Eastern Virginia Medical School | - | 0 | 23,991 | 23,991 |
| Edward Via C. of Osteopathic Medicine | - | 0 | 7,597 | 7,597 |
| Icahn School of Medicine at Mount Sinai | - | 0 | 972,476 | 972,476 |
| Louisiana State U., Health Sciences Center, Shreveport | - | 0 | 35,624 | 35,624 |
| Medical C. Wisconsin | - | 0 | 346,691 | 346,691 |
| Oklahoma State U., Center for Health Sciences | - | 0 | 12,500 | 12,500 |
| U. Arkansas for Medical Sciences | - | 0 | 209,409 | 209,409 |
| U. Central del Caribe | - | 0 | 4,878 | 4,878 |
| U. Massachusetts, Medical School | - | 0 | 326,731 | 326,731 |
| West Virginia School of Osteopathic Medicine | - | 0 i | 1,459 i | 1,459 i |

i = imputed.

^a Johns Hopkins University includes the Applied Physics Laboratory, with \$2,333,049 thousand in total R&D expenditures in FY 2023.^b The University of Maryland includes expenditures from the University of Maryland, Baltimore and University of Maryland, College Park campuses. In FY 2019, the two campuses began reporting as one research unit to reflect their new strategic partnership. This relationship was codified through the University of Maryland Strategic Partnership Act passed by the Maryland General Assembly in 2016. Prior to FY 2019, both campuses reported to the survey as separate institutions.^c The University of Nebraska, Lincoln and Medical Center includes expenditures from the University of Nebraska, Lincoln; University of Nebraska, Medical Center; and University of Nebraska, Central Administration campuses. Due to a realignment within the University of Nebraska system that occurred on 22 June 2023, the three campuses fall under the leadership of one president. Prior to FY 2023, these three campuses reported to the survey as separate institutions.**Note(s):**

Tied institutions are ranked alphabetically. 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.