

Table 7-9

Top 20 baccalaureate-origin institutions ranked by 2018 Carnegie Classification category and total number of research doctorate recipients, by field of doctorate: 2022

(Number)

| 2018 Carnegie Classification and baccalaureate-origin institution | Rank ^a | All fields | Science and engineering | Non-science and engineering |
|---|-------------------|------------|-------------------------|-----------------------------|
| U.S. institutions by 2018 Carnegie Classification | - | 34,109 | 26,092 | 8,017 |
| R1: doctoral universities - very high research | - | 17,542 | 14,322 | 3,220 |
| U. California, Berkeley | 1 | 522 | 451 | 71 |
| Cornell U. | 2 | 359 | 320 | 39 |
| U. California, Los Angeles | 3 | 356 | 286 | 70 |
| U. Florida | 4 | 353 | 293 | 60 |
| U. Michigan, Ann Arbor | 5 | 330 | 293 | 37 |
| U. Wisconsin-Madison | 6 | 317 | 268 | 49 |
| U. Illinois, Urbana-Champaign | 7 | 314 | 257 | 57 |
| U. Texas, Austin | 8 | 306 | 244 | 62 |
| Ohio State U., Columbus | 9 | 284 | 229 | 55 |
| Pennsylvania State U. | 10 | 272 | 228 | 44 |
| U. California, San Diego | 11 | 265 | 220 | 45 |
| U. North Carolina, Chapel Hill | 12 | 243 | 181 | 62 |
| Purdue U., West Lafayette | 13 | 241 | 213 | 28 |
| Rutgers, State U. New Jersey, New Brunswick | 14 | 238 | 184 | 54 |
| U. Maryland, College Park | 15 | 230 | 201 | 29 |
| U. Minnesota, Twin Cities | 16 | 229 | 205 | 24 |
| U. Washington, Seattle | 17 | 226 | 190 | 36 |
| Massachusetts Institute of Technology | 18 | 225 | 222 | 3 |
| Texas A&M U., College Station | 18 | 225 | 178 | 47 |
| U. California, Davis | 20 | 223 | 202 | 21 |
| R2: doctoral universities - high research | - | 4,664 | 3,387 | 1,277 |
| Brigham Young U., Provo | 1 | 251 | 175 | 76 |
| William & Mary | 2 | 148 | 119 | 29 |
| Baylor U. | 3 | 88 | 58 | 30 |
| San Diego State U., San Diego | 4 | 84 | 64 | 20 |
| U. Puerto Rico, Rio Piedras | 5 | 83 | 68 | 15 |
| Ohio U., Athens | 6 | 74 | 49 | 25 |
| Miami U., Oxford | 7 | 72 | 50 | 22 |
| Northern Arizona U. | 7 | 72 | 51 | 21 |
| U. Maryland, Baltimore County | 9 | 71 | 63 | 8 |
| Utah State U., Logan | 10 | 67 | 54 | 13 |
| Kent State U., Kent | 11 | 64 | 35 | 29 |
| U. Texas, San Antonio | 12 | 63 | 46 | 17 |
| Colorado School of Mines | 13 | 58 | 58 | 0 |
| Loyola U., Chicago | 13 | 58 | 39 | 19 |
| Missouri U. Science and Technology | 15 | 57 | 55 | 2 |
| Wake Forest U. | 15 | 57 | 42 | 15 |
| New Mexico State U., Las Cruces | 17 | 56 | 44 | 12 |
| Worcester Polytechnic Institute | 17 | 56 | 54 | 2 |
| U. Vermont | 19 | 55 | 46 | 9 |
| Rochester Institute of Technology | 20 | 54 | 50 | 4 |
| Doctoral/ professional universities | - | 1,538 | 1,006 | 532 |
| Western Kentucky U. | 1 | 42 | 27 | 15 |
| Towson U. | 2 | 38 | 29 | 9 |
| Missouri State U., Springfield | 3 | 34 | 20 | 14 |
| Creighton U. | 4 | 33 | 24 | 9 |
| Gonzaga U. | 4 | 33 | 28 | 5 |
| Middle Tennessee State U. | 4 | 33 | 14 | 19 |

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|---|-------------------|------------|-------------------------|-----------------------------|
| Sam Houston State U. | 4 | 33 | 17 | 16 |
| Indiana U. Pennsylvania | 8 | 31 | 12 | 19 |
| Santa Clara U. | 8 | 31 | 22 | 9 |
| Elon U. | 10 | 30 | 17 | 13 |
| California State U., Fresno | 11 | 29 | 23 | 6 |
| U. Northern Colorado | 11 | 29 | 14 | 15 |
| U. San Francisco | 13 | 28 | 17 | 11 |
| Southern Illinois U., Edwardsville | 14 | 27 | 18 | 9 |
| U. Central Arkansas | 14 | 27 | 20 | 7 |
| U. St. Thomas | 14 | 27 | 20 | 7 |
| Texas Woman's U. | 17 | 26 | 13 | 13 |
| Loyola U., New Orleans | 18 | 24 | 19 | 5 |
| Pepperdine U. | 18 | 24 | 15 | 9 |
| Liberty U. | 20 | 23 | 9 | 14 |
| Seattle U. | 20 | 23 | 21 | 2 |
| U. North Florida | 20 | 23 | 19 | 4 |
| Master's colleges and universities | - | 5,453 | 3,770 | 1,683 |
| California Polytechnic State U., San Luis Obispo | 1 | 75 | 70 | 5 |
| California State U., Long Beach | 1 | 75 | 57 | 18 |
| James Madison U. | 1 | 75 | 51 | 24 |
| SUNY, Geneseo | 1 | 75 | 57 | 18 |
| U. Puerto Rico, Mayaguez | 5 | 71 | 64 | 7 |
| C. New Jersey | 6 | 57 | 41 | 16 |
| California State U., Fullerton | 7 | 55 | 35 | 20 |
| C. Charleston | 8 | 53 | 43 | 10 |
| CUNY, Hunter C. | 9 | 52 | 43 | 9 |
| Grand Valley State U. | 9 | 52 | 38 | 14 |
| Western Washington U. | 9 | 52 | 43 | 9 |
| Appalachian State U. | 12 | 51 | 35 | 16 |
| Truman State U. | 13 | 49 | 39 | 10 |
| San Francisco State U. | 14 | 45 | 31 | 14 |
| California State Polytechnic U., Pomona | 15 | 43 | 36 | 7 |
| California State U., Northridge | 15 | 43 | 33 | 10 |
| Calvin C. | 17 | 37 | 17 | 20 |
| San Jose State U. | 18 | 36 | 28 | 8 |
| Ithaca C. | 19 | 35 | 22 | 13 |
| Trinity U. | 19 | 35 | 24 | 11 |
| U. Wisconsin-Eau Claire | 19 | 35 | 29 | 6 |
| U. Wisconsin-La Crosse | 19 | 35 | 26 | 9 |
| Baccalaureate colleges | - | 4,626 | 3,434 | 1,192 |
| Carleton C. | 1 | 91 | 66 | 25 |
| Williams C. | 2 | 87 | 69 | 18 |
| Oberlin C. | 3 | 84 | 52 | 32 |
| Wesleyan U. | 4 | 77 | 57 | 20 |
| St. Olaf C. | 5 | 73 | 60 | 13 |
| Swarthmore C. | 5 | 73 | 52 | 21 |
| Pomona C. | 7 | 71 | 62 | 9 |
| Wellesley C. | 8 | 68 | 47 | 21 |
| Barnard C. | 9 | 65 | 44 | 21 |
| Reed C. | 10 | 64 | 50 | 14 |

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|---|-------------------|------------|-------------------------|-----------------------------|
| Haverford C. | 11 | 62 | 52 | 10 |
| Smith C. | 12 | 59 | 41 | 18 |
| Vassar C. | 13 | 57 | 37 | 20 |
| Mount Holyoke C. | 14 | 56 | 48 | 8 |
| Amherst C. | 15 | 54 | 38 | 16 |
| Grinnell C. | 15 | 54 | 47 | 7 |
| Macalester C. | 17 | 52 | 40 | 12 |
| Colgate U. | 18 | 51 | 43 | 8 |
| Harvey Mudd C. | 19 | 47 | 45 | 2 |
| Bowdoin C. | 20 | 45 | 36 | 9 |
| Other universities | - | 286 | 173 | 113 |
| Rose-Hulman Institute of Technology | 1 | 23 | 23 | 0 |
| South Dakota School of Mines & Technology | 2 | 12 | 12 | 0 |
| U. Sciences, Philadelphia | 3 | 11 | 11 | 0 |
| Berklee C. Music | 4 | 9 | 3 | 6 |
| Moody Bible Institute | 5 | 8 | 2 | 6 |
| School of the Art Institute of Chicago | 5 | 8 | 4 | 4 |
| U. Oklahoma, Oklahoma City | 5 | 8 | 6 | 2 |
| U. Maryland, Baltimore | 8 | 7 | 5 | 2 |
| Embry-Riddle Aeronautical U., Worldwide | 9 | 6 | 2 | 4 |
| Franklin W. Olin C. Engineering | 9 | 6 | 6 | 0 |
| Manhattan School of Music | 9 | 6 | 0 | 6 |
| Criswell C. | 12 | 5 | 0 | 5 |
| U. Nebraska, Medical Center | 12 | 5 | 3 | 2 |
| U. Texas Health Science Center, San Antonio | 12 | 5 | 4 | 1 |
| U. Texas Southwestern Medical Center | 12 | 5 | 4 | 1 |
| Icahn School of Medicine at Mount Sinai | 16 | 4 | 4 | 0 |
| Polytechnic U. Puerto Rico, San Juan | 16 | 4 | 3 | 1 |
| Pratt Institute | 16 | 4 | 2 | 2 |
| Southern Baptist Theological Seminary | 16 | 4 | 0 | 4 |
| Loma Linda U. | 20 | 3 | 2 | 1 |
| Maryland Institute C. Art | 20 | 3 | 1 | 2 |
| Northwood U., Midland | 20 | 3 | 0 | 3 |
| Oklahoma State U., Oklahoma City | 20 | 3 | 3 | 0 |
| SUNY, Downstate Medical Center | 20 | 3 | 3 | 0 |
| U. California, San Francisco | 20 | 3 | 3 | 0 |
| Non-U.S. institutions | - | 19,800 | 16,979 | 2,821 |
| Beijing U. | 1 | 349 | 321 | 28 |
| Tsinghua U. | 2 | 334 | 307 | 27 |
| U. of Science and Technology of China (USTC) | 3 | 321 | 318 | 3 |
| Bangladesh U. of Engineering and Technology | 4 | 261 | 255 | 6 |
| Sharif U. of Technology | 5 | 246 | 227 | 19 |
| Tribhuvan U. | 6 | 241 | 229 | 12 |
| Shanghai Jiaotong U. | 7 | 225 | 217 | 8 |
| National Taiwan U. | 8 | 209 | 194 | 15 |
| Zhejiang U. | 9 | 186 | 178 | 8 |
| Seoul National U. | 10 | 170 | 127 | 43 |
| Nanjing U. | 11 | 166 | 154 | 12 |
| Fudan U. | 12 | 163 | 152 | 11 |
| U. of Tehran | 12 | 163 | 152 | 11 |

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|---|-------------------|------------|-------------------------|-----------------------------|
| U. of Dhaka | 14 | 160 | 140 | 20 |
| Islamic Azad U. | 15 | 155 | 141 | 14 |
| Huazhong U. of Science and Technology | 16 | 131 | 124 | 7 |
| Yonsei U. | 16 | 131 | 80 | 51 |
| Wuhan U. | 18 | 130 | 118 | 12 |
| U. of Delhi | 19 | 129 | 103 | 26 |
| King Saud U. | 20 | 128 | 102 | 26 |

- = no value (rank) possible.

^a Rank is based on total number of doctorate recipients among both U.S. and non-U.S. baccalaureate-origin institutions.**Note(s):**

Carnegie classification is based on the 2018 Carnegie Classifications: Doctoral universities - very high research (R1), Doctoral universities - high research (R2), Doctoral/professional universities, and other universities, which includes all other Carnegie classifications (e.g., special focus institutions) and institutions without Carnegie classifications.

Source(s):

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.