

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Alabama | | | | |
| Public | | | | |
| AL A&M U. | NA | NA | NA | NA |
| AL State U. | 149 | 55 | 94 | 17 |
| Auburn U., Auburn | NA | 1,227 | NA | NA |
| Auburn U., Montgomery | 32 | 6 | 26 | 1 |
| Jacksonville State U. | 61 | 7 | 54 | 0 |
| U. AL, Birmingham | 5,218 | 726 | 4,492 | 240 |
| U. AL, Huntsville | 1,138 | 183 | 955 | 15 |
| U. AL, Tuscaloosa | 1,131 | 224 | 907 | 70 |
| U. North AL | NA | NA | NA | NA |
| U. South AL | 2,222 | 184 | 2,038 | 388 |
| Private | | | | |
| Tuskegee U. | NA | NA | NA | NA |
| Alaska | | | | |
| Public | | | | |
| U. AK, Anchorage | 250 | 16 | 234 | 5 |
| U. AK, Fairbanks | 1,302 | 63 | 1,239 | 49 |
| U. AK, Southeast | 31 | 1 | 30 | 1 |
| Private | | | | |
| AK Pacific U. | 45 | 9 | 36 | 10 |
| Arizona | | | | |
| Public | | | | |
| AZ State U. | 6,909 | 683 | 6,226 | 319 |
| Dine C. | NA | NA | NA | NA |
| Northern AZ U. | NA | NA | NA | NA |
| U. AZ | 9,014 | 1,799 | 7,215 | 554 |
| Private | | | | |
| Prescott C. | 29 | 6 | 23 | 0 |
| Arkansas | | | | |
| Public | | | | |
| AR State U., Jonesboro | 300 | 38 | 262 | NA |
| AR Tech U. | NA | NA | NA | NA |
| Southern AR U. | 34 | 28 | 6 | 0 |
| U. AR, Fayetteville | 3,447 | 624 | 2,823 | 63 |
| U. AR for Medical Sciences | 1,358 | 403 | 955 | 83 |
| U. AR, Little Rock | 341 | 39 | 302 | 14 |
| U. AR, Pine Bluff | 126 | 20 | 106 | 2 |
| U. Central AR | 171 | 35 | 136 | 39 |
| Private | | | | |
| Harding U. | 46 | 6 | 40 | 0 |
| Hendrix C. | 49 | 8 | 41 | 0 |
| Lyon C. | 8 | 4 | 4 | 0 |
| Ouachita Baptist U. | 7 | 3 | 4 | 0 |
| Philander Smith C. | NA | NA | NA | NA |
| California | | | | |
| Public | | | | |
| CA Maritime Academy | 6 | 4 | 2 | 0 |
| CA Polytechnic State U., San Luis Obispo | 570 | 94 | 476 | 0 |
| CA State Polytechnic U., Pomona | 505 | 55 | 450 | 0 |

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| | Total | Principal investigators | Other personnel | |
| CA State U., Bakersfield | 58 | 12 | 46 | 2 |
| CA State U., Channel Islands | 21 | 9 | 12 | 0 |
| CA State U., Chico | 158 | 40 | 118 | 1 |
| CA State U., Dominguez Hills | 270 | 15 | 255 | 0 |
| CA State U., East Bay | 53 | 22 | 31 | 0 |
| CA State U., Fresno | 514 | 72 | 442 | 2 |
| CA State U., Fullerton | 998 | 67 | 931 | 11 |
| CA State U., Long Beach | NA | NA | NA | NA |
| CA State U., Los Angeles | 188 | 61 | 127 | 0 |
| CA State U., Monterey Bay | 82 | 11 | 71 | 0 |
| CA State U., Northridge | 1,219 | 101 | 1,118 | 17 |
| CA State U., Sacramento | 311 | 80 | 231 | 0 |
| CA State U., San Bernardino | 403 | 69 | 334 | 0 |
| CA State U., San Marcos | NA | NA | NA | NA |
| CA State U., Stanislaus | NA | NA | NA | NA |
| Humboldt State U. | NA | NA | NA | 0 |
| Naval Postgraduate School | 245 | 245 | 0 | 22 |
| San Diego State U. | 1,748 | 281 | 1,467 | 35 |
| San Francisco State U. | 319 | 109 | 210 | 12 |
| San Jose State U. | 718 | 119 | 599 | 0 |
| Sonoma State U. | 39 | 7 | 32 | 0 |
| U. CA, Berkeley | 10,014 | 1,144 | 8,870 | 1,568 |
| U. CA, Davis | 11,230 | 1,685 | 9,545 | 1,220 |
| U. CA, Hastings C. of Law | NA | NA | NA | NA |
| U. CA, Irvine | 4,854 | 770 | 4,084 | 526 |
| U. CA, Los Angeles | 11,968 | 1,711 | 10,257 | 1,482 |
| U. CA, Merced | 552 | 82 | 470 | 41 |
| U. CA, Office of the President | 91 | 6 | 85 | 0 |
| U. CA, Riverside | 2,729 | 392 | 2,337 | 298 |
| U. CA, San Diego | 10,540 | 1,609 | 8,931 | 1,727 |
| U. CA, San Francisco | 7,900 | 1,268 | 6,632 | 1,433 |
| U. CA, Santa Barbara | 3,622 | 490 | 3,132 | 429 |
| U. CA, Santa Cruz | 2,520 | 344 | 2,176 | 210 |
| Valdosta State U. | NA | NA | NA | NA |
| Private | | | | |
| Alliant International U. | NA | NA | NA | NA |
| Art Ctr. C. of Design | 23 | 10 | 13 | 2 |
| Azusa Pacific U. | 8 | 2 | 6 | 0 |
| CA Institute of Technology | 3,128 | 228 | 2,900 | 600 |
| CA Lutheran U. | 0 | 0 | 0 | 0 |
| Chapman U. | 110 | 26 | 84 | 0 |
| Charles R. Drew U. of Medicine and Science | 175 | 30 | 145 | 30 |
| Claremont Graduate U. | 115 | 45 | 70 | 10 |
| Claremont McKenna C. | 449 | 57 | 392 | 3 |
| Claremont School of Theology | 14 | 4 | 10 | 0 |
| Dominican U. CA | 21 | 4 | 17 | 1 |
| Fuller Theological Seminary | 33 | 9 | 24 | 0 |
| Harvey Mudd C. | NA | NA | NA | NA |
| Keck Graduate Institute | NA | NA | NA | NA |
| La Sierra U. | 41 | 22 | 19 | 0 |
| Loma Linda U. | 466 | 222 | 244 | 42 |
| Loyola Marymount U. | 178 | 111 | 67 | 1 |
| Mills C. | 23 | 6 | 17 | 0 |

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|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Mt. St. Mary's C. | 45 | 4 | 41 | 23 |
| National Flight Test Institute | 11 | 2 | 9 | 0 |
| National U. | NA | NA | NA | NA |
| Occidental C. | 69 | 16 | 53 | 1 |
| Olivet U. | 27 | 3 | 24 | 0 |
| Palo Alto U. | 38 | 10 | 28 | 1 |
| Pepperdine U. | NA | NA | NA | NA |
| Pitzer C. | 17 | 2 | 15 | 1 |
| Pomona C. | 253 | 32 | 221 | 4 |
| Santa Clara U. | NA | NA | NA | NA |
| Scripps C. | 23 | 3 | 20 | 0 |
| Scripps Research Institute | 2,864 | 274 | 2,590 | 795 |
| Southern CA C. of Optometry | NA | NA | NA | NA |
| Stanford U. | 8,894 | 1,230 | 7,664 | 1,530 |
| Touro U., Vallejo | 21 | 8 | 13 | 5 |
| U. Redlands | 23 | 6 | 17 | 0 |
| U. San Diego | 121 | 26 | 95 | 2 |
| U. San Francisco | NA | 11 | NA | 0 |
| U. Southern CA | 5,389 | 886 | 4,503 | 374 |
| U. of the Pacific | 195 | 25 | 170 | NA |
| Vanguard U. | 0 | 0 | 0 | 0 |
| Western U. of Health Sciences | 47 | 11 | 36 | 11 |
| Colorado | | | | |
| Public | | | | |
| CO School of Mines | 1,190 | 159 | 1,031 | 64 |
| CO State U., Ft. Collins | NA | 882 | NA | NA |
| CO State U., Pueblo | 22 | 2 | 20 | 0 |
| Ft. Lewis C. | 44 | 18 | 26 | NA |
| Mesa State C. | 47 | 9 | 38 | 0 |
| U.S. Air Force Academy | 196 | 76 | 120 | 4 |
| U. CO, Boulder | 3,156 | 930 | 2,226 | 28 |
| U. CO, Colorado Springs | NA | NA | 285 | 0 |
| U. CO, Denver and Anschutz Medical Campus | 5,420 | 1,390 | 4,030 | 153 |
| U. Northern CO | 132 | 27 | 105 | 1 |
| Private | | | | |
| CO C. | 126 | 21 | 105 | NA |
| Regis U. | 3 | 3 | 0 | 0 |
| U. Denver | 420 | 72 | 348 | 36 |
| Connecticut | | | | |
| Public | | | | |
| Central CT State U. | 121 | 51 | 70 | 0 |
| Eastern CT State U. | 55 | 30 | 25 | 0 |
| Southern CT State U. | NA | 55 | NA | NA |
| U.S. Coast Guard Academy | 0 | 0 | 0 | 0 |
| U. CT | 4,665 | 858 | 3,807 | 245 |
| Private | | | | |
| CT C. | 26 | 14 | 12 | 0 |
| Fairfield U. | NA | NA | NA | NA |
| Trinity C., Hartford | 62 | 16 | 46 | 0 |
| U. Bridgeport | 26 | 22 | 4 | 0 |
| U. Hartford | NA | 11 | NA | 0 |
| U. New Haven | 188 | 12 | 176 | NA |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
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| | Total | Principal investigators | Other personnel | |
| Wesleyan U. | 255 | 49 | 206 | 10 |
| Yale U. | 6,417 | 1,075 | 5,342 | 100 |
| Delaware | | | | |
| Public | | | | |
| DE State U. | 438 | 38 | 400 | NA |
| U. DE | 3,285 | 407 | 2,878 | 234 |
| District of Columbia | | | | |
| Public | | | | |
| U. DC | 171 | 60 | 111 | 1 |
| Private | | | | |
| American U. | 810 | 106 | 704 | 0 |
| Catholic U. America | 383 | 92 | 291 | 27 |
| Gallaudet U. | 116 | 10 | 106 | 0 |
| George Washington U. | 1,792 | 447 | 1,345 | 24 |
| Georgetown U. | 1,999 | 347 | 1,652 | 142 |
| Howard U. | 705 | 139 | 566 | NA |
| Florida | | | | |
| Public | | | | |
| Edison State C. | NA | NA | NA | NA |
| FL A&M U. | 183 | 80 | 103 | 20 |
| FL Atlantic U. | 605 | 171 | 434 | 12 |
| FL Gulf Coast U. | 796 | 61 | 735 | 1 |
| FL International U. | 666 | 306 | 360 | 75 |
| FL State U. | 5,330 | 654 | 4,676 | 262 |
| New C. FL | 66 | 36 | 30 | 1 |
| U. Central FL | 3,294 | 440 | 2,854 | 92 |
| U. FL | NA | NA | NA | NA |
| U. North FL | 303 | 104 | 199 | 2 |
| U. South FL, Polytechnic | 50 | 25 | 25 | 3 |
| U. South FL, Sarasota-Manatee | 44 | 20 | 24 | 0 |
| U. South FL, St. Petersburg | 103 | 66 | 37 | 0 |
| U. South FL, Tampa | 3,377 | 1,202 | 2,175 | 279 |
| U. West FL | 429 | 35 | 394 | NA |
| Private | | | | |
| Barry U. | 94 | 6 | 88 | 0 |
| Eckerd C. | 37 | 10 | 27 | 0 |
| Embry-Riddle Aeronautical U. | 265 | 81 | 184 | 0 |
| FL Institute of Technology | 103 | 92 | 11 | 11 |
| Jacksonville U. | 30 | 10 | 20 | 0 |
| Nova Southeastern U. | 368 | 31 | 337 | 4 |
| Palmer C. of Chiropractic, Pt. Orange | 2 | 1 | 1 | 1 |
| Rollins C. | 29 | 22 | 7 | 0 |
| Stetson U. | 14 | 6 | 8 | 2 |
| U. Miami | NA | NA | NA | NA |
| Georgia | | | | |
| Public | | | | |
| Albany State U. | 30 | 5 | 25 | 17 |
| Armstrong Atlantic State U. | NA | NA | NA | NA |
| Columbus State U. | NA | NA | NA | 0 |
| Ft. Valley State U. | 223 | 8 | 215 | 0 |
| GA Health Sciences U. | 958 | 260 | 698 | 149 |

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| GA Institute of Technology | NA | 1,306 | NA | NA |
| GA Southern U. | 264 | 36 | 228 | NA |
| GA State U. | 3,292 | 455 | 2,837 | 104 |
| Kennesaw State U. | 66 | 15 | 51 | 1 |
| Savannah State U. | 375 | 28 | 347 | 1 |
| Southern Polytechnic State U. | 112 | 8 | 104 | 23 |
| U. GA | 5,874 | 369 | 5,505 | 396 |
| U. West GA | 115 | 27 | 88 | 0 |
| Private | | | | |
| Agnes Scott C. | 58 | 10 | 48 | 0 |
| Clark Atlanta U. | 288 | 27 | 261 | 12 |
| Emory U. | 5,860 | 1,031 | 4,829 | 762 |
| Mercer U. | 443 | 52 | 391 | 10 |
| Morehouse C. | NA | NA | NA | NA |
| Morehouse School of Medicine | 1,185 | 161 | 1,024 | 15 |
| Paine C. | 27 | 9 | 18 | 0 |
| Spelman C. | 124 | 32 | 92 | 9 |
| Hawaii | | | | |
| Public | | | | |
| U. HI, Hilo | NA | NA | NA | NA |
| U. HI, Manoa | 4,511 | 397 | 4,114 | 671 |
| U. HI, West O'ahu | NA | NA | NA | NA |
| Private | | | | |
| HI Pacific U. | 42 | 10 | 32 | 0 |
| Idaho | | | | |
| Public | | | | |
| Boise State U. | NA | NA | NA | NA |
| ID State U. | 739 | 90 | 649 | 11 |
| U. ID | 2,607 | 418 | 2,189 | 58 |
| Private | | | | |
| Northwest Nazarene U. | 11 | 5 | 6 | 7 |
| Illinois | | | | |
| Public | | | | |
| Chicago State U. | NA | NA | NA | NA |
| Eastern IL U. | 102 | 30 | 72 | 0 |
| Governors State U. | 26 | 5 | 21 | 0 |
| IL State U. | 720 | 103 | 617 | 4 |
| Northeastern IL U. | 28 | 6 | 22 | 0 |
| Northern IL U. | 819 | 100 | 719 | NA |
| Southern IL U., Carbondale | 1,873 | 233 | 1,640 | 18 |
| Southern IL U., Edwardsville | 190 | 59 | 131 | 5 |
| U. IL, Chicago | 6,055 | 1,184 | 4,871 | 410 |
| U. IL, Springfield | 69 | 12 | 57 | 0 |
| U. IL, Urbana-Champaign | 12,772 | 1,193 | 11,579 | 641 |
| Western IL U. | 46 | 8 | 38 | 1 |
| Private | | | | |
| Augustana C., Rock Island | 94 | 25 | 69 | 0 |
| Benedictine U. | 31 | 2 | 29 | 0 |
| Bradley U. | 165 | 26 | 139 | 0 |
| Butler U. | NA | NA | NA | NA |

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| | Total | Principal investigators | Other personnel | |
| Chicago School of Professional Psychology | 6 | 2 | 4 | 1 |
| Columbia C., Chicago | 12 | 2 | 10 | 0 |
| DePaul U. | 325 | 55 | 270 | 0 |
| Dominican U. | 12 | 3 | 9 | 0 |
| Erikson Institute | 19 | 5 | 14 | 1 |
| IL Institute of Technology | 839 | 200 | 639 | 72 |
| IL Wesleyan U. | 453 | 167 | 286 | 0 |
| Lake Forest C. | 95 | 4 | 91 | 0 |
| Loyola U., Chicago | 916 | 156 | 760 | 86 |
| Midwestern U., Downers Grove | 104 | 5 | 99 | 3 |
| National U. of Health Sciences | 13 | 2 | 11 | 0 |
| North Central C. | 65 | 40 | 25 | 0 |
| Northwestern U. | 9,411 | 1,232 | 8,179 | 673 |
| Rosalind Franklin U. of Medicine and Science | 201 | 50 | 151 | 40 |
| Rush U. | 946 | 327 | 619 | 53 |
| Toyota Technological Institute Chicago | 11 | 4 | 7 | 3 |
| U. Chicago | 5,024 | 915 | 4,109 | 619 |
| Wheaton C., Wheaton | 70 | 5 | 65 | 0 |
| Indiana | | | | |
| Public | | | | |
| Ball State U. | 514 | 67 | 447 | 0 |
| IN State U. | 122 | 21 | 101 | 3 |
| IN U., Bloomington | 4,491 | 634 | 3,857 | 174 |
| IN U., Gary | 29 | 5 | 24 | 0 |
| IN U., New Albany | 70 | 8 | 62 | 2 |
| IN U., South Bend | 95 | 8 | 87 | 2 |
| IN U.-Purdue U., Ft. Wayne | 303 | 19 | 284 | 0 |
| IN U.-Purdue U., Indianapolis | 4,061 | 978 | 3,083 | 310 |
| Purdue U., Calumet | 390 | 36 | 354 | 2 |
| Purdue U., North Central | 65 | 8 | 57 | 0 |
| Purdue U., West Lafayette | 11,082 | 1,028 | 10,054 | 476 |
| U. Southern IN | 31 | 6 | 25 | 0 |
| Private | | | | |
| DePauw U. | 98 | 33 | 65 | 0 |
| Earlham C. | 100 | 20 | 80 | 0 |
| Rose-Hulman Institute of Technology | 107 | 31 | 76 | 0 |
| Taylor U. | 28 | 9 | 19 | 0 |
| U. Notre Dame | 2,737 | 441 | 2,296 | 240 |
| Valparaiso U. | 96 | 27 | 69 | 3 |
| Wabash C. | 48 | 15 | 33 | 0 |
| Iowa | | | | |
| Public | | | | |
| IA State U. | 4,436 | 734 | 3,702 | 321 |
| U. IA | 6,633 | 962 | 5,671 | 339 |
| U. Northern IA | 285 | 24 | 261 | 0 |
| Private | | | | |
| Coe C. | 110 | 31 | 79 | 25 |
| Des Moines U. | 93 | 0 | 93 | 1 |
| Drake U. | NA | NA | NA | NA |
| Grinnell C. | 121 | 5 | 116 | 1 |

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| | Total | Principal investigators | Other personnel | |
| Luther C. | 51 | 9 | 42 | 0 |
| Palmer C. of Chiropractic, Davenport | 36 | 10 | 26 | 14 |
| Kansas | | | | |
| Public | | | | |
| Emporia State U. | 9 | 9 | 0 | 0 |
| Haskell Indian Nations U. | 51 | 12 | 39 | 2 |
| KS State U. | 4,208 | 374 | 3,834 | 46 |
| Pittsburg State U. | 28 | 5 | 23 | 4 |
| U. KS | 4,375 | 756 | 3,619 | 281 |
| Washburn U. | 6 | 2 | 4 | 0 |
| Wichita State U. | 724 | 91 | 633 | 13 |
| Kentucky | | | | |
| Public | | | | |
| Eastern KY U. | 153 | 18 | 135 | 0 |
| KY State U. | 34 | 20 | 14 | 17 |
| Morehead State U. | NA | NA | NA | 0 |
| Murray State U. | 143 | 14 | 129 | 3 |
| Northern KY U. | 218 | 48 | 170 | 2 |
| U. KY | 6,529 | 1,013 | 5,516 | 473 |
| U. Louisville | 2,469 | 626 | 1,843 | 178 |
| Western KY U. | 313 | 38 | 275 | 0 |
| Private | | | | |
| Bellarmine U. | 0 | 0 | 0 | 0 |
| Berea C. | 9 | 4 | 5 | 0 |
| Centre C. | 86 | 60 | 26 | NA |
| Louisiana | | | | |
| Public | | | | |
| Grambling State U. | 45 | 25 | 20 | 0 |
| LA State U., Baton Rouge | 3,649 | 651 | 2,998 | 115 |
| LA State U., Health Sciences Ctr., New Orleans | 716 | 147 | 569 | 47 |
| LA State U., Medical Ctr., Shreveport | 381 | 68 | 313 | 85 |
| LA State U., Shreveport | 34 | 8 | 26 | 0 |
| LA Tech U. | 783 | 88 | 695 | 7 |
| McNeese State U. | NA | NA | NA | 0 |
| Nicholls State U. | 92 | 16 | 76 | 0 |
| Northwestern State U. LA | 44 | 12 | 32 | 0 |
| Southeastern LA U. | 100 | 20 | 80 | 0 |
| Southern U. Agriculture Research and Extension Ctr. | 48 | 17 | 31 | 1 |
| Southern U. and A&M C., Baton Rouge | NA | NA | NA | NA |
| Southern U. and A&M C., New Orleans | 6 | 4 | 2 | 0 |
| U. LA, Lafayette | 539 | 84 | 455 | 8 |
| U. LA, Monroe | 76 | 17 | 59 | 1 |
| U. New Orleans | 863 | 137 | 726 | 33 |
| Private | | | | |
| Dillard U. | NA | NA | NA | NA |
| Loyola U., New Orleans | 55 | 11 | 44 | 0 |
| Tulane U. | 2,058 | 411 | 1,647 | 161 |
| Xavier U. LA | 364 | 32 | 332 | 0 |
| Maine | | | | |
| Public | | | | |
| ME Maritime Academy | NA | NA | NA | NA |

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| | Total | Principal investigators | Other personnel | |
| U. ME | 2,181 | 342 | 1,839 | 30 |
| U. Southern ME | 199 | 59 | 140 | 0 |
| Private | | | | |
| Bates C. | 92 | 18 | 74 | 1 |
| Bowdoin C. | 90 | 21 | 69 | 3 |
| Colby C. | 111 | 18 | 93 | 1 |
| St. Joseph's C. ME | NA | NA | NA | NA |
| Unity C. | 9 | 3 | 6 | 0 |
| U. New England | 117 | 25 | 92 | 3 |
| Maryland | | | | |
| Public | | | | |
| Bowie State U. | 0 | 0 | 0 | 0 |
| Frostburg State U. | NA | NA | NA | NA |
| Morgan State U. | 377 | 62 | 315 | NA |
| Salisbury U. | 120 | 19 | 101 | 0 |
| St. Mary's C. MD | 14 | 5 | 9 | 0 |
| Towson U. | 85 | 63 | 22 | 0 |
| Uniformed Services U. of the Health Sciences | 13 | 0 | 13 | 5 |
| U.S. Naval Academy | 190 | 112 | 78 | 7 |
| U. Baltimore | 183 | 16 | 167 | 0 |
| U. MD, Baltimore | NA | NA | NA | NA |
| U. MD, Baltimore County | NA | NA | NA | NA |
| U. MD, Ctr. for Environmental Science | 252 | 166 | 86 | 1 |
| U. MD, College Park | 8,290 | 1,337 | 6,953 | 463 |
| U. MD, Eastern Shore | 81 | 8 | 73 | 0 |
| Private | | | | |
| Capitol C. | NA | NA | NA | NA |
| Goucher C. | 13 | 5 | 8 | 5 |
| Johns Hopkins U. ^b | 10,731 | 1,095 | 9,636 | 1,309 |
| Loyola U., MD | 36 | 13 | 23 | 0 |
| MD Institute C. of Art | 20 | 4 | 16 | 0 |
| Sojourner-Douglass C. | 13 | 5 | 8 | 0 |
| Massachusetts | | | | |
| Public | | | | |
| Bridgewater State C. | 15 | 9 | 6 | 0 |
| U. MA, Amherst | 3,667 | 517 | 3,150 | 317 |
| U. MA, Boston | 848 | 194 | 654 | 14 |
| U. MA, Dartmouth | 548 | 95 | 453 | 10 |
| U. MA, Lowell | 1,282 | 289 | 993 | 49 |
| U. MA, Medical School | 2,330 | 458 | 1,872 | 480 |
| Private | | | | |
| Amherst C. | 303 | 10 | 293 | 6 |
| Babson C. | 73 | 35 | 38 | 0 |
| Boston C. | 804 | 182 | 622 | NA |
| Boston U. | 7,065 | 838 | 6,227 | NA |
| Brandeis U. | 1,373 | 137 | 1,236 | 138 |
| Clark U. | 256 | 33 | 223 | 13 |
| C. of the Holy Cross | 74 | 15 | 59 | 1 |
| Franklin W. Olin C. of Engineering | 67 | 20 | 47 | 1 |
| Hampshire C. | 27 | 8 | 19 | 0 |
| Harvard U. | 6,241 | 697 | 5,544 | 1,331 |

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| | Total | Principal investigators | Other personnel | |
| MA Institute of Technology | 8,599 | 931 | 7,668 | 1,599 |
| MGH Institute of Health Professions | NA | 4 | NA | 0 |
| Mt. Holyoke C. | 158 | 24 | 134 | 3 |
| New England C. of Optometry | 29 | 8 | 21 | 1 |
| New England School of Acupuncture | 25 | 1 | 24 | 0 |
| Northeastern U. | 1,759 | 301 | 1,458 | 142 |
| Simmons C. | 31 | 12 | 19 | 0 |
| Smith C. | 196 | 37 | 159 | 3 |
| Suffolk U. | 215 | 95 | 120 | 0 |
| Tufts U. | NA | NA | NA | NA |
| Wellesley C. | 300 | 79 | 221 | 2 |
| Western New England C. | 59 | 8 | 51 | 0 |
| Wheaton C., Norton | 8 | 6 | 2 | 0 |
| Williams C. | 100 | 45 | 55 | NA |
| Woods Hole Oceanographic Institution | 796 | 244 | 552 | 49 |
| Worcester Polytechnic Institute | 563 | 103 | 460 | 41 |
| Michigan | | | | |
| Public | | | | |
| Central MI U. | NA | NA | NA | NA |
| Eastern MI U. | 710 | 75 | 635 | 42 |
| Grand Valley State U. | NA | NA | NA | NA |
| Lake Superior State U. | 61 | 11 | 50 | 0 |
| MI State U. | 5,132 | 746 | 4,386 | 414 |
| MI Technological U. | 1,813 | 211 | 1,602 | 25 |
| Northern MI U. | 63 | 20 | 43 | 0 |
| Oakland U. | 517 | 173 | 344 | 17 |
| Saginaw Valley State U. | 59 | 7 | 52 | 0 |
| U. MI, Ann Arbor | 20,503 | 4,300 | 16,203 | 1,773 |
| U. MI, Dearborn | 212 | 125 | 87 | 11 |
| U. MI, Flint | 45 | 45 | 0 | 0 |
| Wayne State U. | 3,682 | 717 | 2,965 | 113 |
| Western MI U. | 691 | 132 | 559 | 7 |
| Private | | | | |
| Albion C. | 187 | 73 | 114 | 0 |
| Andrews U. | 167 | 2 | 165 | 0 |
| Calvin C. | 247 | 36 | 211 | 0 |
| Hope C. | 213 | 18 | 195 | 2 |
| Kalamazoo C. | 23 | 6 | 17 | 0 |
| Kettering U. | 193 | 86 | 107 | 3 |
| Lawrence Technological U. | 48 | 10 | 38 | 1 |
| U. Detroit Mercy | 96 | 11 | 85 | 3 |
| Minnesota | | | | |
| Public | | | | |
| Bemidji State U. | 15 | 3 | 12 | NA |
| MN State U., Mankato | NA | NA | NA | 0 |
| MN State U., Moorhead | NA | NA | NA | NA |
| St. Cloud State U. | 348 | 32 | 316 | 0 |
| U. MN, Crookston | 45 | 3 | 42 | 0 |
| U. MN, Duluth | 771 | 90 | 681 | 11 |
| U. MN, Morris | 78 | 11 | 67 | 0 |
| U. MN, Rochester | 19 | 3 | 16 | 4 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| U. MN, Twin Cities | 14,169 | 1,940 | 12,229 | 873 |
| Winona State U. | 30 | 15 | 15 | 10 |
| Private | | | | |
| Augsburg C. | 37 | 5 | 32 | 2 |
| Carleton C. | 277 | 25 | 252 | 0 |
| C. of St. Benedict | 59 | 34 | 25 | 0 |
| Concordia C. | 63 | 19 | 44 | 0 |
| Gustavus Adolphus C. | 60 | 23 | 37 | 1 |
| Hamline U. | 26 | 6 | 20 | NA |
| Macalester C. | 76 | 26 | 50 | 0 |
| Northwestern Health Sciences U. | 36 | 4 | 32 | 2 |
| St. Catherine U. | 39 | 11 | 28 | 0 |
| St. John's U., Collegeville | 55 | 31 | 24 | 0 |
| St. Olaf C. | 63 | 17 | 46 | 0 |
| U. St. Thomas (MN) | 198 | 18 | 180 | 49 |
| Mississippi | | | | |
| Public | | | | |
| Alcorn State U. | 416 | 30 | 386 | NA |
| Jackson State U. | 326 | 115 | 211 | 44 |
| MS State U. | 4,078 | 608 | 3,470 | 102 |
| MS Valley State U. | NA | NA | NA | NA |
| U. MS and U. MS Medical Ctr. | 998 | 165 | 833 | 99 |
| U. Southern MS | 1,008 | 91 | 917 | 1 |
| Private | | | | |
| Millsaps C. | 10 | 9 | 1 | 1 |
| MS C. | 10 | 2 | 8 | 0 |
| Tougaloo C. | 9 | 5 | 4 | 5 |
| Missouri | | | | |
| Public | | | | |
| Lincoln U., Jefferson City | 180 | 51 | 129 | 12 |
| MO State U. | 156 | 19 | 137 | 0 |
| MO U. of Science and Technology | NA | NA | NA | NA |
| Northwest MO State U. | 19 | 7 | 12 | 0 |
| Southeast MO State U. | 2 | 2 | 0 | 0 |
| Truman State U. | 166 | 9 | 157 | 0 |
| U. Central MO | 27 | 6 | 21 | 0 |
| U. MO, Columbia | NA | NA | NA | NA |
| U. MO, Kansas City | NA | NA | NA | NA |
| U. MO, St. Louis | NA | NA | NA | NA |
| Private | | | | |
| A. T. Still U. of Health Sciences | 36 | 5 | 31 | 2 |
| Barnes-Jewish C. Goldfarb School of Nursing | NA | NA | NA | NA |
| Kansas City U. of Medicine and Biosciences | 0 | 0 | 0 | 0 |
| St. Louis U. | 852 | 244 | 608 | 30 |
| Washington U., St. Louis | 8,353 | 1,331 | 7,022 | 819 |
| Montana | | | | |
| Public | | | | |
| MT State U., Billings | 38 | 6 | 32 | 6 |
| MT State U., Bozeman | 793 | 493 | 300 | 44 |
| MT State U., Havre | 15 | 0 | 15 | 2 |
| MT Tech of U. MT | 105 | 48 | 57 | NA |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| U. MT | 1,988 | 252 | 1,736 | 50 |
| U. MT, Western | 9 | 2 | 7 | 0 |
| Private | | | | |
| Salish Kootenai C. | 36 | 5 | 31 | 0 |
| Nebraska | | | | |
| Public | | | | |
| U. NE, Kearney | 234 | 10 | 224 | 1 |
| U. NE, Lincoln | 5,312 | 808 | 4,504 | 225 |
| U. NE, Medical Ctr. | 1,468 | 535 | 933 | 139 |
| U. NE, Omaha | 371 | 77 | 294 | 1 |
| Private | | | | |
| Creighton U. | 290 | 63 | 227 | 0 |
| Doane C. | 7 | 3 | 4 | 3 |
| NE Wesleyan U. | NA | NA | NA | 0 |
| Nevada | | | | |
| Public | | | | |
| Desert Research Institute | 461 | 109 | 352 | 22 |
| U. NV, Las Vegas | 1,084 | 142 | 942 | 37 |
| U. NV, Reno | 2,062 | 408 | 1,654 | 93 |
| Private | | | | |
| Roseman U. of Health Sciences | 4 | 2 | 2 | 2 |
| New Hampshire | | | | |
| Public | | | | |
| Keene State C. | NA | NA | NA | NA |
| Plymouth State U. | NA | 29 | NA | 1 |
| U. NH | 2,365 | 289 | 2,076 | 30 |
| Private | | | | |
| Colby-Sawyer C. | NA | 3 | NA | NA |
| Dartmouth C. | NA | 472 | NA | NA |
| New Jersey | | | | |
| Public | | | | |
| C. NJ | 32 | 12 | 20 | 0 |
| Kean U. | NA | NA | NA | 0 |
| Montclair State U. | 167 | 24 | 143 | 3 |
| NJ Institute of Technology | 1,220 | 133 | 1,087 | 36 |
| Ramapo C. NJ | 16 | 5 | 11 | 0 |
| Richard Stockton C. NJ | 53 | 39 | 14 | 0 |
| Rowan U. | 192 | 28 | 164 | 3 |
| Rutgers, State U. NJ, Camden | NA | NA | NA | NA |
| Rutgers, State U. NJ, New Brunswick | NA | NA | NA | NA |
| Rutgers, State U. NJ, Newark | NA | NA | NA | NA |
| U. of Medicine and Dentistry of NJ | 2,771 | 746 | 2,025 | 171 |
| William Paterson U. | 174 | 151 | 23 | 0 |
| Private | | | | |
| Drew U. | 49 | 11 | 38 | 1 |
| Monmouth U. | 68 | 3 | 65 | 0 |
| Princeton U. | 2,772 | 310 | 2,462 | 726 |
| Rider U. | 44 | 16 | 28 | 0 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Seton Hall U. | 85 | 30 | 55 | 5 |
| Stevens Institute of Technology | NA | NA | NA | NA |
| New Mexico | | | | |
| Public | | | | |
| Eastern NM U., Portales | 33 | 6 | 27 | 1 |
| NM Highlands U. | 88 | 18 | 70 | 0 |
| NM Institute of Mining and Technology | 1,046 | 124 | 922 | 14 |
| NM State U. | 1,530 | 602 | 928 | 20 |
| U. NM | 3,381 | 719 | 2,662 | 212 |
| New York | | | | |
| Public | | | | |
| CUNY, Baruch C. | 215 | 32 | 183 | 0 |
| CUNY, Brooklyn C. | NA | NA | NA | NA |
| CUNY, City C. | 1,294 | 169 | 1,125 | 127 |
| CUNY, C. Staten Island | 420 | NA | NA | 20 |
| CUNY, Graduate Ctr. | 1,030 | 30 | 1,000 | 10 |
| CUNY, Hunter C. | 485 | 152 | 333 | 40 |
| CUNY, John Jay C. of Criminal Justice | 259 | 21 | 238 | 4 |
| CUNY, Lehman C. | 117 | 23 | 94 | 14 |
| CUNY, Medgar Evers C. | 32 | 9 | 23 | 2 |
| CUNY, New York City C. of Technology | NA | NA | NA | 0 |
| CUNY, Queens C. | 489 | 30 | 459 | 24 |
| CUNY, York C. | NA | NA | NA | 0 |
| SUNY, Buffalo State C. | 83 | 18 | 65 | 0 |
| SUNY, C. of Agriculture and Technology, Cobleskill | 23 | 10 | 13 | 0 |
| SUNY, C. of Agriculture and Technology, Morrisville | 3 | 1 | 2 | 0 |
| SUNY, C. Brockport | 87 | 16 | 71 | 0 |
| SUNY, C. Cortland | 53 | 8 | 45 | 0 |
| SUNY, C. of Environmental Science and Forestry | NA | NA | NA | NA |
| SUNY, C. Fredonia | 17 | 6 | 11 | 0 |
| SUNY, C. Geneseo | 80 | 16 | 64 | 0 |
| SUNY, C. Old Westbury | NA | NA | NA | NA |
| SUNY, C. Oneonta | 55 | 5 | 50 | 0 |
| SUNY, C. of Optometry | 43 | 11 | 32 | 6 |
| SUNY, C. Oswego | 43 | 7 | 36 | 0 |
| SUNY, C. Plattsburgh | 41 | 6 | 35 | 1 |
| SUNY, C. Potsdam | 26 | 4 | 22 | 0 |
| SUNY, Farmingdale State C. | 10 | 2 | 8 | 0 |
| SUNY, Fashion Institute of Technology | 16 | 2 | 14 | 1 |
| SUNY, Health Science Ctr. Brooklyn | 429 | 64 | 365 | 20 |
| SUNY, Institute of Technology, Utica/Rome | 31 | 0 | 31 | 0 |
| SUNY, New Paltz | 9 | 6 | 3 | 0 |
| SUNY, Purchase C. | 85 | 10 | 75 | 0 |
| SUNY, Stony Brook U. | 2,876 | 482 | 2,394 | 207 |
| SUNY, U. Albany | 949 | 229 | 720 | NA |
| SUNY, U. Albany, C. Nanoscale Science and Engineering | 422 | 24 | 398 | 8 |
| SUNY, U. Binghamton | 948 | 112 | 836 | 32 |
| SUNY, U. Buffalo | NA | NA | NA | NA |
| SUNY, Upstate Medical U. | 500 | 98 | 402 | 33 |
| U.S. Military Academy | NA | NA | NA | NA |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|--|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Private | | | | |
| Adelphi U. | 18 | 9 | 9 | 0 |
| Albany C. of Pharmacy and Health Sciences | 30 | 15 | 15 | 6 |
| Albany Medical C. | NA | NA | NA | NA |
| Alfred U. | 150 | 34 | 116 | 5 |
| Bank Street C. of Ed. | 4 | 1 | 3 | 0 |
| Bard C. | 33 | 2 | 31 | 0 |
| Barnard C. | 124 | 25 | 99 | 3 |
| Canisius C. | 0 | 0 | 0 | 0 |
| Clarkson U. | 447 | 75 | 372 | 123 |
| Cold Spring Harbor Lab. | NA | NA | NA | NA |
| Colgate U. | 161 | 34 | 127 | 1 |
| Columbia U. in the City of New York | 8,745 | 1,257 | 7,488 | 902 |
| Cooper Union for the Advancement of Science and Art | 26 | 7 | 19 | 0 |
| Cornell U. | 8,861 | 1,275 | 7,586 | 935 |
| Daemen C. | NA | NA | NA | NA |
| Dowling C. | 5 | 3 | 2 | 0 |
| Fordham U. | 451 | 147 | 304 | 4 |
| Hamilton C. | 70 | 12 | 58 | 13 |
| Hobart and William Smith Colleges | 33 | 17 | 16 | 0 |
| Hofstra U. | 90 | 17 | 73 | 2 |
| Iona C. | 18 | 3 | 15 | 0 |
| Ithaca C. | 70 | 20 | 50 | NA |
| Long Island U. | NA | NA | NA | NA |
| Louis V. Gerstner Jr. Graduate School of Biomedical Sciences at Memorial Sloan-Kettering Cancer Ctr. | 35 | 8 | 27 | 0 |
| Manhattan C. | 11 | 5 | 6 | 5 |
| Marist C. | 38 | 7 | 31 | 0 |
| Mercy C. | 21 | 11 | 10 | 0 |
| Mt. Sinai School of Medicine | 2,443 | 701 | 1,742 | 225 |
| New School | 272 | 31 | 241 | 1 |
| NY Chiropractic C. | 5 | 4 | 1 | 1 |
| NY Institute of Technology | 22 | 7 | 15 | 0 |
| NY Medical C. | NA | 160 | NA | NA |
| NY U. | 4,575 | 903 | 3,672 | 736 |
| Niagara U. | 104 | 28 | 76 | 0 |
| Pace U. | 151 | 21 | 130 | 0 |
| Polytechnic Institute of NY U. | 881 | 67 | 814 | 5 |
| Rensselaer Polytechnic Institute | 1,549 | 237 | 1,312 | 120 |
| Rochester Institute of Technology | 763 | 168 | 595 | 26 |
| Rockefeller U. | 1,152 | 181 | 971 | 290 |
| Sage Colleges, system office | 19 | 6 | 13 | 0 |
| Siena C. | 53 | 8 | 45 | 0 |
| Skidmore C. | 90 | 18 | 72 | 1 |
| St. Bonaventure U. | 110 | 3 | 107 | 0 |
| St. John's U., New York City | 90 | 18 | 72 | 14 |
| Syracuse U. | 2,051 | 189 | 1,862 | 49 |
| Teachers C., Columbia U. | NA | 53 | NA | NA |
| Touro C. | NA | NA | NA | NA |
| Union C., Schenectady | 85 | 14 | 71 | 8 |
| Union Graduate C. | 14 | 2 | 12 | 0 |
| U. Rochester | 5,377 | 955 | 4,422 | 433 |
| Utica C. | NA | NA | NA | NA |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Vassar C. | 78 | 14 | 64 | 1 |
| Yeshiva U. | 1,750 | 254 | 1,496 | 350 |
| North Carolina | | | | |
| Public | | | | |
| Appalachian State U. | 210 | 53 | 157 | 1 |
| East Carolina U. | 1,464 | 211 | 1,253 | 32 |
| Elizabeth City State U. | 53 | 25 | 28 | NA |
| Fayetteville State U. | 639 | 45 | 594 | NA |
| NC Agricultural and Technical State U. | 873 | 144 | 729 | 19 |
| NC Central U. | 382 | 23 | 359 | 13 |
| NC State U. | 4,936 | 1,071 | 3,865 | 278 |
| U. NC, Asheville | 40 | 14 | 26 | 0 |
| U. NC, Chapel Hill | 9,450 | 1,487 | 7,963 | 789 |
| U. NC, Charlotte | 1,596 | 246 | 1,350 | 19 |
| U. NC, Greensboro | 434 | 85 | 349 | 12 |
| U. NC, Pembroke | 61 | 5 | 56 | 2 |
| U. NC, Wilmington | 543 | 180 | 363 | 6 |
| Western Carolina U. | 75 | 14 | 61 | 0 |
| Winston-Salem State U. | 62 | 35 | 27 | 0 |
| Private | | | | |
| Davidson C. | NA | 31 | NA | 1 |
| Duke U. | 8,748 | 1,397 | 7,351 | 798 |
| Elon U. | 9 | 6 | 3 | 6 |
| Shaw U. | 28 | 5 | 23 | 5 |
| Wake Forest U. | 2,380 | 618 | 1,762 | 264 |
| North Dakota | | | | |
| Public | | | | |
| Dickinson State U. | 6 | 3 | 3 | 0 |
| Mayville State U. | 11 | 3 | 8 | 0 |
| Minot State U. | 42 | 5 | 37 | 0 |
| ND State U. | 1,876 | 318 | 1,558 | 47 |
| U. ND | NA | 171 | NA | NA |
| Valley City State U. | NA | NA | NA | NA |
| Private | | | | |
| Sitting Bull C. | 6 | 2 | 4 | 0 |
| Ohio | | | | |
| Public | | | | |
| Air Force Institute of Technology | 240 | 92 | 148 | 6 |
| Bowling Green State U. | 208 | 37 | 171 | 26 |
| Central State U. | 116 | 12 | 104 | 0 |
| Cleveland State U. | NA | NA | NA | NA |
| Kent State U. | 769 | 151 | 618 | 36 |
| Miami U. | 833 | 169 | 664 | 226 |
| Northeast OH Medical U. | 139 | 69 | 70 | 11 |
| OH State U. | 9,414 | 2,005 | 7,409 | 736 |
| OH U. | 1,639 | 539 | 1,100 | 45 |
| U. Akron | 754 | 225 | 529 | 14 |
| U. Cincinnati | 3,572 | 712 | 2,860 | 212 |
| U. Toledo | 872 | 52 | 820 | 75 |
| Wright State U. | 1,004 | 231 | 773 | 20 |
| Youngstown State U. | 126 | 2 | 124 | 4 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Private | | | | |
| Ashland U. | NA | NA | NA | NA |
| Baldwin-Wallace C. | 16 | 3 | 13 | 0 |
| Case Western Reserve U. | 2,321 | 532 | 1,789 | 142 |
| C. Wooster | 184 | 10 | 174 | 0 |
| Heidelberg U. | NA | NA | NA | NA |
| John Carroll U. | 28 | 7 | 21 | 3 |
| Kenyon C. | 34 | 6 | 28 | 1 |
| Oberlin C. | 133 | 29 | 104 | 0 |
| OH Northern U. | 47 | 32 | 15 | 0 |
| OH Wesleyan U. | 44 | 17 | 27 | 0 |
| U. Dayton | 916 | 251 | 665 | 5 |
| Wilberforce U. | NA | NA | NA | NA |
| Wittenberg U. | 53 | 3 | 50 | 0 |
| Oklahoma | | | | |
| Public | | | | |
| East Central U. | NA | NA | NA | NA |
| Langston U. | 60 | 10 | 50 | 2 |
| Northeastern State U. | 23 | 6 | 17 | 0 |
| OK State U. Ctr. for Health Sciences | NA | NA | NA | NA |
| OK State U., Stillwater | NA | NA | NA | NA |
| Southeastern OK State U. | 19 | 5 | 14 | 5 |
| Southwestern OK State U. | 36 | 4 | 32 | 0 |
| U. Central OK | 100 | 10 | 90 | 2 |
| U. OK | 5,311 | 598 | 4,713 | 210 |
| Private | | | | |
| U. Tulsa | 220 | 65 | 155 | 4 |
| Oregon | | | | |
| Public | | | | |
| Eastern OR U. | 13 | 3 | 10 | 4 |
| OR Health and Science U. | 4,088 | 969 | 3,119 | 505 |
| OR Institute of Technology | 13 | 3 | 10 | 2 |
| OR State U. | 4,537 | 992 | 3,545 | 155 |
| Portland State U. | 1,327 | 143 | 1,184 | 23 |
| Southern OR U. | 71 | 9 | 62 | 0 |
| U. OR | 4,513 | 745 | 3,768 | 83 |
| Western OR U. | 93 | 21 | 72 | 0 |
| Private | | | | |
| Lewis and Clark C. | 240 | 70 | 170 | 3 |
| Linfield C. | NA | NA | NA | NA |
| National C. of Natural Medicine | 18 | 7 | 11 | 3 |
| Pacific U. | 5 | 3 | 2 | 0 |
| Reed C. | 49 | 19 | 30 | 2 |
| U. Portland | NA | NA | NA | NA |
| U. Western States | 15 | 1 | 14 | 0 |
| Willamette U. | 56 | 16 | 40 | 0 |
| Pennsylvania | | | | |
| Public | | | | |
| Bloomsburg U. PA | 65 | 26 | 39 | 1 |
| CA U. PA | 25 | 11 | 14 | 0 |
| Cheyney U. PA | NA | NA | NA | 0 |
| East Stroudsburg U. PA | 5 | 1 | 4 | 0 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Edinboro U. PA | 5 | 3 | 2 | 0 |
| Indiana U. PA | NA | NA | NA | NA |
| Kutztown U. PA | 45 | 7 | 38 | 0 |
| Lincoln U. of the Commonwealth of PA | 29 | 10 | 19 | 0 |
| Millersville U. PA | 53 | 34 | 19 | 0 |
| PA State U., Altoona | NA | 20 | NA | 0 |
| PA State U., Beaver | NA | 7 | NA | 0 |
| PA State U., Berks | NA | 21 | NA | 0 |
| PA State U., Erie | NA | 26 | NA | 0 |
| PA State U., Great Valley School of Graduate Professional Studies | NA | 2 | NA | 0 |
| PA State U., Harrisburg | NA | 29 | NA | 2 |
| PA State U., University Park and Hershey Medical Ctr. | 7,097 | 2,662 | 4,435 | 806 |
| Shippensburg U. PA | NA | NA | NA | 0 |
| Slippery Rock U. PA | 548 | 3 | 545 | 0 |
| Temple U. | 2,242 | 338 | 1,904 | 130 |
| U. Pittsburgh, Bradford | 7 | 3 | 4 | 0 |
| U. Pittsburgh, Pittsburgh | 8,786 | 1,533 | 7,253 | 708 |
| West Chester U. PA | NA | NA | NA | NA |
| Private | | | | |
| Allegheny C. | 90 | 15 | 75 | 0 |
| Arcadia U. | 56 | 16 | 40 | NA |
| Bryn Athyn C. | NA | 10 | NA | 0 |
| Bryn Mawr C. | 38 | 28 | 10 | 1 |
| Bucknell U. | 497 | 65 | 432 | 6 |
| Carnegie Mellon U. | 4,025 | 449 | 3,576 | 208 |
| Dickinson C. | 129 | 17 | 112 | 1 |
| Drexel U. | 4,123 | 364 | 3,759 | 81 |
| Duquesne U. | 397 | 54 | 343 | 26 |
| Elizabethtown C. | 15 | 8 | 7 | NA |
| Franklin and Marshall C. | 46 | 11 | 35 | 2 |
| Gannon U. | 28 | 18 | 10 | 0 |
| Gettysburg C. | 80 | 4 | 76 | 0 |
| Haverford C. | 32 | 21 | 11 | 5 |
| Juniata C. | 52 | 17 | 35 | 0 |
| La Salle U. | 35 | 26 | 9 | 0 |
| Lafayette C. | 187 | 127 | 60 | 0 |
| Lehigh U. | 888 | 120 | 768 | 52 |
| Lycoming C. | 37 | 7 | 30 | 8 |
| Marywood U. | 0 | 0 | 0 | 0 |
| Mercyhurst C. | 40 | 10 | 30 | 0 |
| Messiah C. | 0 | 0 | 0 | 0 |
| Muhlenberg C. | 109 | 3 | 106 | 0 |
| Philadelphia C. of Osteopathic Medicine | 17 | 7 | 10 | 3 |
| Philadelphia U. | NA | NA | NA | NA |
| Salus U. | 18 | 6 | 12 | 0 |
| St. Francis U. | 46 | 6 | 40 | 0 |
| St. Joseph's U. | 165 | 17 | 148 | 1 |
| Susquehanna U. | 36 | 1 | 35 | 1 |
| Swarthmore C. | 212 | 24 | 188 | 3 |
| Thomas Jefferson U. | 1,744 | 367 | 1,377 | 184 |
| U. PA | 14,108 | 1,705 | 12,403 | 650 |
| U. Scranton | 39 | 23 | 16 | 0 |
| U. of the Sciences Philadelphia | 109 | 19 | 90 | 11 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Ursinus C. | 38 | 12 | 26 | 0 |
| Villanova U. | 92 | 58 | 34 | 7 |
| Washington and Jefferson C. | 22 | 3 | 19 | 1 |
| Widener U., Chester | 18 | 10 | 8 | 0 |
| Wilkes U. | 76 | 26 | 50 | 2 |
| Rhode Island | | | | |
| Public | | | | |
| RI C. | 82 | 17 | 65 | 0 |
| U. RI | 1,988 | 280 | 1,708 | 55 |
| Private | | | | |
| Brown U. | NA | NA | NA | NA |
| Bryant U. | 23 | 5 | 18 | 0 |
| Providence C. | 38 | 12 | 26 | 1 |
| RI School of Design | 22 | 9 | 13 | 0 |
| Roger Williams U. | 139 | 30 | 109 | 0 |
| Salve Regina U. | 10 | 6 | 4 | 0 |
| South Carolina | | | | |
| Public | | | | |
| Citadel Military C. SC | 48 | 8 | 40 | 8 |
| Clemson U. | 2,125 | 377 | 1,748 | 18 |
| Coastal Carolina U. | NA | NA | NA | NA |
| C. Charleston | 328 | 59 | 269 | 2 |
| Francis Marion U. | 17 | 5 | 12 | 0 |
| Medical U. SC | 1,488 | 668 | 820 | 66 |
| SC State U. | NA | NA | NA | NA |
| U. SC, Aiken | 33 | 22 | 11 | 1 |
| U. SC, Beaufort | 27 | 5 | 22 | 0 |
| U. SC, Columbia | NA | 603 | NA | 330 |
| U. SC, Spartanburg | 19 | 14 | 5 | 0 |
| Winthrop U. | 347 | 39 | 308 | 0 |
| Private | | | | |
| Allen U. | NA | NA | NA | NA |
| Benedict C. | 41 | 8 | 33 | 0 |
| Clafflin U. | 136 | 15 | 121 | 0 |
| Coker C. | 38 | 3 | 35 | 3 |
| Furman U. | 90 | 13 | 77 | 5 |
| South Dakota | | | | |
| Public | | | | |
| Black Hills State U. | 184 | 14 | 170 | 1 |
| Dakota State U. | 10 | 4 | 6 | 0 |
| Oglala Lakota C. | 36 | 4 | 32 | 0 |
| SD School of Mines and Technology | 442 | 67 | 375 | NA |
| SD State U. | 702 | 152 | 550 | 51 |
| U. SD | 522 | 122 | 400 | 29 |
| Private | | | | |
| Augustana C., Sioux Falls | NA | NA | NA | NA |
| Sinte Gleska U. | 31 | 5 | 26 | 3 |
| U. Sioux Falls | 17 | 1 | 16 | 0 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Tennessee | | | | |
| Public | | | | |
| Austin Peay State U. | NA | 13 | NA | NA |
| East TN State U. | NA | 103 | NA | NA |
| Middle TN State U. | 207 | 35 | 172 | 3 |
| TN State U. | 352 | 60 | 292 | 0 |
| TN Technological U. | 491 | 67 | 424 | 4 |
| U. Memphis | 657 | 223 | 434 | 15 |
| U. TN, Chattanooga | 332 | 26 | 306 | 1 |
| U. TN, Health Science Ctr. | 1,493 | 203 | 1,290 | 97 |
| U. TN, Institute of Agriculture | 2,600 | 158 | 2,442 | 83 |
| U. TN, Knoxville | 4,103 | 227 | 3,876 | 199 |
| U. TN, Martin | 58 | 1 | 57 | 0 |
| Private | | | | |
| Christian Brothers U. | NA | NA | NA | NA |
| Fisk U. | 19 | 3 | 16 | 2 |
| LeMoyne-Owen C. | 8 | 1 | 7 | 0 |
| Meharry Medical C. | 213 | 90 | 123 | 32 |
| Rhodes C. | 21 | 9 | 12 | 0 |
| Sewanee: U. of the South | 40 | 10 | 30 | 0 |
| Southern C. of Optometry | 20 | 5 | 15 | 0 |
| Vanderbilt U. | NA | NA | NA | NA |
| Texas | | | | |
| Public | | | | |
| Angelo State U. | 61 | 20 | 41 | 0 |
| Lamar U. | NA | 50 | NA | NA |
| Prairie View A&M U. | 431 | 56 | 375 | 0 |
| Sam Houston State U. | NA | 63 | NA | 3 |
| Stephen F. Austin State U. | NA | 88 | NA | 0 |
| Sul Ross State U. | 102 | 8 | 94 | 0 |
| Tarleton State U. | NA | NA | NA | NA |
| TX A&M Health Science Ctr. | 553 | 171 | 382 | 57 |
| TX A&M International U. | 54 | 3 | 51 | 0 |
| TX A&M U., College Station | 11,025 | 2,556 | 8,469 | 470 |
| TX A&M U., Commerce | 28 | 16 | 12 | 4 |
| TX A&M U., Corpus Christi | 509 | 98 | 411 | 5 |
| TX A&M U., Kingsville | 679 | 71 | 608 | 117 |
| TX Southern U. | 72 | 22 | 50 | 11 |
| TX State U., San Marcos | 715 | 140 | 575 | 129 |
| TX Tech U. | 3,595 | 333 | 3,262 | 86 |
| TX Tech U., Health Sciences Ctr. | 862 | 132 | 730 | 81 |
| TX Woman's U. | 100 | 30 | 70 | 1 |
| U. Houston | 2,052 | 404 | 1,648 | 201 |
| U. Houston, Clear Lake | 47 | 6 | 41 | 3 |
| U. Houston, Downtown | 25 | 12 | 13 | NA |
| U. North TX, Denton | 804 | 102 | 702 | 42 |
| U. North TX, Health Science Ctr. | 506 | 112 | 394 | 51 |
| U. TX, Arlington | 723 | 236 | 487 | 103 |
| U. TX, Austin | 3,598 | 604 | 2,994 | 353 |
| U. TX, Brownsville | 225 | 23 | 202 | 41 |
| U. TX, Dallas | NA | 190 | NA | NA |
| U. TX, El Paso | 1,644 | 235 | 1,409 | 30 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| U. TX, Health Science Ctr., Houston | 2,675 | 669 | 2,006 | 209 |
| U. TX, Health Science Ctr., San Antonio | 2,279 | 376 | 1,903 | 234 |
| U. TX, M. D. Anderson Cancer Ctr. | 5,776 | 721 | 5,055 | 608 |
| U. TX, Medical Branch | 2,082 | 400 | 1,682 | 262 |
| U. TX, Pan American | 558 | 61 | 497 | 6 |
| U. TX, Permian Basin | 22 | 7 | 15 | 0 |
| U. TX, San Antonio | 1,302 | 117 | 1,185 | 62 |
| U. TX, Southwestern Medical Ctr., Dallas | 5,130 | 582 | 4,548 | 681 |
| U. TX, Tyler | 152 | 34 | 118 | NA |
| West TX A&M U. | 82 | 17 | 65 | 0 |
| Private | | | | |
| Abilene Christian U. | 43 | 26 | 17 | 1 |
| Austin C. | NA | NA | NA | NA |
| Baylor C. of Medicine | 3,548 | 682 | 2,866 | 536 |
| Baylor U. | 336 | 60 | 276 | 10 |
| Jarvis Christian C. | 6 | 1 | 5 | 0 |
| LeTourneau U. | 42 | 9 | 33 | 0 |
| Rice U. | 2,195 | 208 | 1,987 | 211 |
| Southern Methodist U. | NA | NA | NA | NA |
| Southwestern U. | 65 | 15 | 50 | 0 |
| St. Edward's U. | 148 | 15 | 133 | 2 |
| St. Mary's U., San Antonio | NA | 2 | NA | NA |
| TX Christian U. | 176 | 19 | 157 | 6 |
| Trinity U. | 50 | 25 | 25 | 7 |
| U. Dallas | 16 | 5 | 11 | 5 |
| U. of the Incarnate Word | 13 | 5 | 8 | 0 |
| Wiley C. | 49 | 6 | 43 | 2 |
| Utah | | | | |
| Public | | | | |
| Southern UT U. | 21 | 9 | 12 | 0 |
| U. UT | 6,622 | 736 | 5,886 | 544 |
| UT State U. | 3,103 | 361 | 2,742 | 21 |
| Weber State U. | 82 | 21 | 61 | 0 |
| Private | | | | |
| Brigham Young U., Provo | 1,977 | 225 | 1,752 | 28 |
| Vermont | | | | |
| Public | | | | |
| Johnson State C. | 12 | 5 | 7 | 3 |
| U. VT | 1,976 | 345 | 1,631 | 128 |
| Private | | | | |
| Middlebury C. | 158 | 37 | 121 | 0 |
| Norwich U. | NA | NA | NA | 0 |
| St. Michael's C. | 47 | 16 | 31 | 0 |
| Virginia | | | | |
| Public | | | | |
| Christopher Newport U. | 62 | 14 | 48 | 0 |
| C. of William and Mary and VA Institute of Marine Science | 1,223 | 226 | 997 | 33 |
| George Mason U. | 540 | 275 | 265 | NA |
| James Madison U. | NA | NA | NA | NA |
| Marine Corps U. | 2 | 1 | 1 | 1 |
| Norfolk State U. | 255 | 54 | 201 | 38 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Old Dominion U. | 1,776 | 722 | 1,054 | 32 |
| Radford U. | 167 | 36 | 131 | 0 |
| U. of Mary Washington | 18 | 18 | 0 | 0 |
| U. VA, Charlottesville | 4,857 | 879 | 3,978 | 279 |
| U. VA's C. Wise | 11 | 1 | 10 | 0 |
| VA Commonwealth U. | 3,543 | 766 | 2,777 | 243 |
| VA Military Institute | 56 | 28 | 28 | 0 |
| VA Polytechnic Institute and State U. | 7,191 | 1,155 | 6,036 | 163 |
| VA State U. | 328 | 35 | 293 | NA |
| Private | | | | |
| Eastern Mennonite U. | 24 | 4 | 20 | 0 |
| Eastern VA Medical School | NA | NA | NA | NA |
| Edward Via C. of Osteopathic Medicine | 31 | 19 | 12 | 0 |
| Ferrum C. | 30 | 15 | 15 | 0 |
| Hampton U. | 283 | 44 | 239 | 0 |
| Regent U. | NA | NA | NA | NA |
| Roanoke C. | 12 | 2 | 10 | 0 |
| Sweet Briar C. | 30 | 13 | 17 | 0 |
| U. Richmond | 340 | 37 | 303 | 6 |
| Washington and Lee U. | 25 | 9 | 16 | 0 |
| Washington | | | | |
| Public | | | | |
| Central WA U. | 168 | 39 | 129 | 0 |
| Eastern WA U. | NA | NA | NA | NA |
| Evergreen State C. | 43 | 8 | 35 | 1 |
| U. WA, Bothell | 61 | 11 | 50 | 5 |
| U. WA, Seattle | 12,572 | 2,118 | 10,454 | 421 |
| U. WA, Tacoma | 46 | 14 | 32 | 4 |
| WA State U. | 5,563 | 803 | 4,760 | 159 |
| Western WA U. | 258 | 53 | 205 | 0 |
| Private | | | | |
| Bastyr U. | 32 | 6 | 26 | 4 |
| Gonzaga U. | 105 | 33 | 72 | 0 |
| Northwest Indian C. | NA | NA | NA | NA |
| Pacific Lutheran U. | 59 | 10 | 49 | 0 |
| Seattle Pacific U. | 66 | 15 | 51 | 0 |
| Seattle U. | 68 | 18 | 50 | 0 |
| U. Puget Sound | 25 | 11 | 14 | 0 |
| Whitman C. | 25 | 5 | 20 | 0 |
| West Virginia | | | | |
| Public | | | | |
| Bluefield State C. | 10 | 1 | 9 | 0 |
| Concord U. | 17 | 9 | 8 | 0 |
| Marshall U. | 531 | 75 | 456 | 12 |
| Shepherd U. | 21 | 6 | 15 | 0 |
| West Liberty U. | 41 | 6 | 35 | 6 |
| WV School of Osteopathic Medicine | 14 | 14 | 0 | 0 |
| WV State U. | 36 | 15 | 21 | 0 |
| WV U. | 3,479 | 564 | 2,915 | 94 |
| Private | | | | |
| Alderson-Broaddus C. | NA | NA | NA | NA |
| Future Generations Graduate School | 1 | 1 | 0 | 0 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| WV Wesleyan C. | 15 | 9 | 6 | 0 |
| Wheeling Jesuit U. | 66 | 16 | 50 | 6 |
| Wisconsin | | | | |
| Public | | | | |
| U. WI, Eau Claire | 133 | 29 | 104 | 1 |
| U. WI, Green Bay | NA | NA | NA | NA |
| U. WI, La Crosse | NA | NA | NA | NA |
| U. WI, Madison | 18,194 | 1,781 | 16,413 | 1,072 |
| U. WI, Milwaukee | 1,650 | 347 | 1,303 | 126 |
| U. WI, Oshkosh | 121 | 23 | 98 | 2 |
| U. WI, Parkside | 64 | 8 | 56 | 0 |
| U. WI, Platteville | NA | NA | NA | NA |
| U. WI, River Falls | NA | NA | NA | NA |
| U. WI, Stevens Point | NA | NA | NA | NA |
| U. WI, Stout | NA | NA | NA | NA |
| U. WI, Superior | NA | NA | NA | NA |
| U. WI, Whitewater | NA | NA | NA | NA |
| Private | | | | |
| Alverno C. | 12 | 4 | 8 | 0 |
| Carthage C. | 25 | 10 | 15 | 0 |
| C. of Menominee Nation | NA | NA | NA | NA |
| Lawrence U. | 28 | 8 | 20 | 0 |
| Marquette U. | 648 | 78 | 570 | 19 |
| Medical C. WI | 2,142 | 585 | 1,557 | 201 |
| Milwaukee School of Engineering | 113 | 25 | 88 | 0 |
| Wyoming | | | | |
| Public | | | | |
| U. WY | NA | NA | NA | NA |
| Guam | | | | |
| Public | | | | |
| U. GU | 186 | 61 | 125 | 19 |
| Puerto Rico | | | | |
| Public | | | | |
| U. PR, Cayey | 90 | 14 | 76 | 2 |
| U. PR, Humacao | 31 | 18 | 13 | 5 |
| U. PR, Mayaguez | 403 | 130 | 273 | 3 |
| U. PR, Medical Sciences Campus | 274 | 104 | 170 | NA |
| U. PR, Ponce | 7 | 4 | 3 | 0 |
| U. PR, Rio Piedras | 150 | 84 | 66 | 46 |
| Private | | | | |
| Polytechnic U. PR | 36 | 10 | 26 | 10 |
| Ponce School of Medicine | 420 | 23 | 397 | 1 |
| U. Central del Caribe | 149 | 38 | 111 | NA |
| U. del Este | 63 | 3 | 60 | 0 |
| U. del Turabo | 83 | 29 | 54 | 0 |
| U. Metropolitana | 64 | 6 | 58 | 0 |

TABLE 42. Headcount of R&D personnel at higher education institutions, by state, institutional control, and institution: FY 2011

| State, institutional control, and institution | All personnel | | | Postdocs ^a |
|---|---------------|-------------------------|-----------------|-----------------------|
| | Total | Principal investigators | Other personnel | |
| Virgin Islands | | | | |
| Public | | | | |
| U. of the VI | NA | NA | NA | 0 |

NA = not available; institution was unable to provide these data.

^a Postdocs are included in totals reported for all personnel. Postdocs are personnel with doctoral degrees generally awarded within the last 5 years and who are working for an institution under a limited-term appointment for training in research.

^b Personnel data represent the headcount for Johns Hopkins University, excluding its Applied Physics Laboratory (APL). APL did not report a headcount of R&D personnel.

NOTE: State and national totals are not presented due to the number of institutions unable to provide data on R&D personnel.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Higher Education Research and Development Survey, FY 2011.