

Table 1.1.3: Top 25 and Musculoskeletal Related Conditions, Diseases and Research Areas Funded by NIH, 2012-2016

| | Research Dollars (in Millions/ rounded) | | | | | Funding | |
|---|---|----------|----------|----------|-----------|-------------|---------------|
| | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FY 2016 | Total 2012- | Ranking 2012- |
| | Actual | Actual | Actual | Actual | Estimated | 2016 | 2016 [1] |
| Clinical Research | \$10,951 | \$10,604 | \$11,087 | \$11,366 | \$11,867 | \$55,875 | 1 |
| Genetics | \$7,632 | \$7,144 | \$7,324 | \$7,480 | \$7,826 | \$37,406 | 2 |
| Prevention | \$5,924 | \$6,686 | \$6,858 | \$7,027 | \$7,300 | \$33,795 | 3 |
| Biotechnology | \$6,089 | \$5,698 | \$5,889 | \$6,018 | \$6,281 | \$29,975 | 4 |
| Neurosciences | \$5,618 | \$5,340 | \$5,580 | \$5,742 | \$6,041 | \$28,321 | 5 |
| Cancer | \$5,621 | \$5,274 | \$5,392 | \$5,389 | \$5,652 | \$27,328 | 6 |
| Infectious Diseases | \$3,867 | \$4,887 | \$5,002 | \$5,032 | \$5,249 | \$24,037 | 7 |
| Women's Health [2] | \$3,833 | \$3,745 | \$3,935 | \$3,989 | \$4,140 | \$19,642 | 8 |
| Brain Disorders | \$3,968 | \$3,708 | \$3,894 | \$3,916 | \$4,108 | \$19,594 | 9 |
| Behavioral and Social Science | \$3,682 | \$3,535 | \$3,688 | \$3,762 | \$3,924 | \$18,591 | 10 |
| Rare Diseases | \$3,623 | \$3,456 | \$3,639 | \$3,679 | \$3,832 | \$18,229 | 11 |
| Pediatric | \$3,612 | \$3,266 | \$3,486 | \$3,632 | \$3,766 | \$17,762 | 12 |
| Bioengineering | \$3,498 | \$3,234 | \$3,329 | \$3,540 | \$3,697 | \$17,298 | 13 |
| Clinical Trials and Supportive | \$3,208 | \$3,155 | \$3,221 | \$3,136 | \$3,266 | \$15,986 | 14 |
| HIV/AIDS [3] | \$3,074 | \$2,898 | \$2,978 | \$3,000 | \$3,000 | \$14,950 | 15 |
| Health Disparities [2] | \$2,740 | \$2,722 | \$2,734 | \$2,825 | \$2,952 | \$13,973 | 16 |
| Human Genome | \$2,271 | \$2,473 | \$2,701 | \$2,891 | \$3,025 | \$13,361 | 17 |
| Aging | \$2,593 | \$2,429 | \$2,556 | \$2,698 | \$2,807 | \$13,083 | 18 |
| Minority Health [2] | \$2,487 | \$2,428 | \$2,514 | \$2,538 | \$2,653 | \$12,620 | 19 |
| Mental Health | \$2,287 | \$2,174 | \$2,213 | \$2,263 | \$2,381 | \$11,318 | 20 |
| Emerging Infectious Diseases | \$2,153 | \$1,804 | \$1,930 | \$2,053 | \$2,200 | \$10,140 | 21 |
| Cardiovascular | \$2,040 | \$1,964 | \$1,950 | \$1,991 | \$2,072 | \$10,017 | 22 |
| Biodefense [4] | \$1,791 | \$1,692 | \$1,746 | \$1,736 | \$1,866 | \$8,831 | 23 |
| Neurodegenerative | \$1,671 | \$1,619 | \$1,743 | \$1,662 | \$1,744 | \$8,439 | 24 |
| Digestive Diseases | \$1,719 | \$1,575 | \$1,607 | \$1,684 | \$1,754 | \$8,339 | 25 |
| Musculoskeletal Related Conditions | | | | | | | |
| Arthritis | \$258 | \$231 | \$239 | \$214 | \$222 | \$1,164 | 100 |
| Fibromyalgia | \$13 | \$11 | \$10 | \$8 | \$9 | \$51 | 232 |
| Injury - Childhood Injuries | \$37 | \$37 | \$35 | \$39 | \$41 | \$189 | 177 |
| Injury - Unintentional Childhood Injury | \$22 | \$20 | \$22 | \$23 | \$24 | \$111 | 206 |
| Injury (total) Accidents/Adverse Effects | \$366 | \$367 | \$404 | \$399 | \$418 | \$1,954 | 70 |
| Lupus | \$108 | \$92 | \$99 | \$90 | \$93 | \$482 | 137 |
| Osteoarthritis | (none) | (none) | (none) | \$76 | \$79 | \$155 | 192 |
| Osteogenesis Imperfecta | \$9 | \$8 | \$11 | \$11 | \$11 | \$50 | 234 |
| Osteoporosis | \$181 | \$164 | \$141 | \$146 | \$151 | \$783 | 117 |
| Paget's Disease | \$1 | \$0 | \$0 | \$1 | \$1 | \$3 | 264 |
| Pain Conditions - Chronic | \$396 | \$402 | \$402 | \$391 | \$406 | \$1,997 | 69 |
| Pain Research | \$479 | \$475 | \$499 | \$463 | \$481 | \$2,397 | 59 |

Table 1.1.3: Top 25 and Musculoskeletal Related Conditions, Diseases and Research Areas Funded by NIH, 2012-2016

| | Research Dollars (in Millions/ rounded) | | | | | Funding | |
|--|---|---------|---------|---------|-----------|-------------|---------------|
| | FY 2012 | FY 2013 | FY 2014 | FY 2015 | FY 2016 | Total 2012- | Ranking 2012- |
| | Actual | Actual | Actual | Actual | Estimated | 2016 | 2016 [1] |
| Rheumatoid Arthritis | (none) | (none) | (none) | \$59 | \$62 | \$121 | 202 |
| Scleroderma | \$24 | \$21 | \$24 | \$22 | \$23 | \$114 | 204 |
| Spina Bifida | \$12 | \$10 | \$10 | \$10 | \$10 | \$52 | 230 |
| Spinal Cord Injury | \$79 | \$94 | \$80 | \$82 | \$86 | \$421 | 140 |
| Spinal Muscular Atrophy | \$15 | \$13 | \$16 | \$11 | \$12 | \$67 | 222 |
| Temporomandibular Muscle/Joint Disorder (TMJD) | \$21 | \$19 | \$18 | \$16 | \$16 | \$90 | 214 |

[1] Total condition, diseases, and research areas in ranking was 265.

[2] Reporting for this category does not follow the standard RCDC process. This category assigns project funding according to populations tracked by gender or ethnicity. The databases used to track gender/ethnicity are complex and are not currently compatible with the RCDC system.

[3] The total for AIDS research includes both extramural and intramural research (including research management and support, Management Fund, and Service & Supply Fund), buildings and facilities, research training, and program evaluation, as well as research on the many HIV-associated co-infections and co-morbidities, including TB, hepatitis C, and HIV-associated cancers. It also includes all of the basic science underlying this research. Other RCDC categories are not reported this way; thus the total for AIDS-related research is not comparable to spending reported for other RCDC diseases. More information on this area is available at <https://www.oar.nih.gov/index.asp>.

[4] Reporting for this category does not follow the standard RCDC process. The total amount reported is consistent with reporting requirements for this category to the U.S. Office of Management & Budget (OMB). The project listing does not include non-project or other support costs associated with the annual total for this category.

Source: National Institutes of Health. Estimates of Funding for Various Research, Condition, and Disease Categories (RCDC).

http://report.nih.gov/categorical_spending.aspx Accessed June 25, 2016