

**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
<b>Musculoskeletal Related Conditions</b>							
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

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	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual	FY 2016 Estimated	Total 2012- 2016	Ranking 2012- 2016 [1]
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
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 <http://www.oar.nih.gov/hiv/aids/>.

[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](http://report.nih.gov/categorical_spending.aspx) Accessed June 25, 2016