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Memorandum

To: Trialists

Fr: Curtis Meinert

Re: NIH trials by institute

The NIH is the nation's premier research institution. It consists of 24 divisions; 19 institutes, 4 centers, and the National Library of Medicine. Its budget ranged from 28 to 30 billion dollars from 2004 through 2015, with increases of about two billion dollars in years 2016, 2017, and 2018. About 2/3rds of the NIH budget goes to fund research grants and research centers

(<https://officeofbudget.od.nih.gov/pdfs/FY20/Mechanism-Detail-for-NIH-FY-2000-FY-2018.pdf>).

The 2010 budget for NIH ranged from \$5.150 bil for the National Cancer Institute to \$69 mil for the Fogarty International Center. Over 40% of the total budget was accounted for by the National Cancer Institute (\$5.150 bil), National Institute of Allergy and Infectious Diseases (\$4.760 bil), and National Heart, Lung, and Blood Institute (\$3.050 bil).

So how do institutes compare in trials done relative to their 2010 budget?

Counts in Col E in the table below are from the Aggregate Analysis of ClinicalTrials.gov (AACT) database and are for trials completed 2004 through 2018.

Trials may have multiple funders (aka sponsors). Funders in the AACT database are listed as "lead" (principal) if they have overall responsibility for the trial. Other funders are listed as "collaborators" (secondary). The counts in the table are for where the NIH serves as "lead sponsor".

Col F standardizes counts relative to a division's 2010 budget. By that measure the five NIH divisions spending most on trials are:

- 1 National Cancer Institute (0.1612),
- 2 National Institute of Nursing Research (0.1111),
- 3 National Institute of Allergy and Infectious Diseases (0.1109),
- 4 National Institute on Drug Abuse (0.0900),

and

- 5 National Eye Institute (0.0805).

The National Heart, Lung, and Blood Institute, 3rd in funding, is 11th by this measure.

2010 NIH budget and trials completed 2004 thru 2018 in which NIH agency serves as lead sponsor

.Col A	Col B	Col C	Col D	Col E	Col F	Col G
		Name	FY 2010 budget (\$ mil)*	Completed trials	Completed trials ÷ 2010 budget	Rank based on Col F
1	NCI	National Cancer Institute	5,150	830	0.1612	1
2	NIAID	National Institute of Allergy and Infectious Diseases	4,760	528	0.1109	3
3	NHLBI	National Heart, Lung, and Blood Institute	3,050	147	0.0482	11
4	NIGMS	National Institute of General Medical Sciences	2,024	7	0.0035	18
5	NIDDK	National Institute of Diabetes and Digestive and Kidney Diseases	1,931	149	0.0772	6
6	NINDS	National Institute on Neurological Disorders and Stroke	1,613	89	0.0552	10
7	NIMH	National Institute of Mental Health	1,475	71	0.0481	12
8	NICHHD	Eunice Kennedy Shriver National Institute of Child Health and Human Development	1,314	96	0.0731	7
9	NCRR	National Center for Research Resources (dissolved 12/2011)	1,252	0	0.0000	--
10	NIA	National Institute on Aging	1,093	47	0.0430	13
11	NIDA	National Institute on Drug Abuse	1,045	94	0.0900	4
12	NEI	National Eye Institute	696	56	0.0805	5
13	NIEHS	National Institute of Environmental Health Sciences	684	7	0.0102	16
14	NIAMS	National Institute of Arthritis and Musculoskeletal and Skin Diseases	531	19	0.0358	14
15	NHGRI	National Human Genome Research Institute	510	9	0.0176	15
16	NIAAA	National Institute on Alcohol Abuse and Alcoholism	455	31	0.0681	8
17	NIDCD	National Institute on Deafness and Other Communication Disorders	413	2	0.0048	17
18	NIDCR	National Institute of Dental and Craniofacial Research	408	23	0.0564	9
19	NLM	National Library of Medicine	334	1	0.0030	19
20	NIBIB	National Institute of Biomedical Imaging and Bioengineering	313	0	0.0000	--
21	NCMHD	National Center on Minority Health and Disparities	209	0	0.0000	--
22	NINR	National Institute of Nursing Research	144	16	0.1111	2
23	NCCAM	National Center for Complementary and Alternative Medicine (dissolved 12/2014)	127	0	0.0000	--
24	FIC	Fogarty International Center	69	0	0.0000	--
	Total		\$31,610 mil	2,222	0.0703	

*[https://officeofbudget.od.nih.gov/pdfs/FY19/Approp%20History%20by%20IC%20FY%202000%20-%20FY%202019%20\(V3\).pdf](https://officeofbudget.od.nih.gov/pdfs/FY19/Approp%20History%20by%20IC%20FY%202000%20-%20FY%202019%20(V3).pdf)