

BUDGET REQUEST BY IC (SUMMARY TABLE)

(Dollars in Thousands)	FY 2017 Final	FY 2018 Annualized CR	FY 2019 President's Budget
NCI.....	\$5,659,955	\$5,650,693	\$5,626,312
NHLBI.....	\$3,209,929	\$3,184,813	\$3,112,032
NIDCR.....	\$424,797	\$422,860	\$413,196
NIDDK ¹	\$2,009,504	\$2,007,892	\$1,965,434
NINDS.....	\$1,778,688	\$1,771,541	\$1,838,556
NIAID.....	\$4,905,718	\$4,873,317	\$4,761,948
NIGMS ²	\$2,646,152	\$2,632,836	\$2,572,669
NICHD.....	\$1,376,608	\$1,370,921	\$1,339,592
NEI.....	\$731,212	\$727,643	\$711,015
NIEHS ³	\$790,018	\$786,234	\$747,166
NIA.....	\$2,048,814	\$2,034,698	\$1,988,200
NIAMS.....	\$556,606	\$554,063	\$545,494
NIDCD.....	\$435,904	\$433,908	\$423,992
NIMH.....	\$1,604,658	\$1,591,052	\$1,612,192
NIDA.....	\$1,070,846	\$1,083,445	\$1,137,403
NIAAA.....	\$482,451	\$480,080	\$469,109
NINR.....	\$149,937	\$149,252	\$145,842
NHGRI.....	\$528,346	\$524,977	\$512,979
NIBIB.....	\$356,981	\$354,655	\$346,550
NIMHD.....	\$287,670	\$287,106	\$280,545
NCCIH.....	\$134,389	\$133,774	\$130,717
NCATS.....	\$704,330	\$701,109	\$685,087
FIC.....	\$71,852	\$71,723	\$70,084
NLM.....	\$406,604	\$404,743	\$395,493
B&F.....	\$128,567	\$127,988	\$200,000
OD.....	\$1,728,603	\$1,706,132	\$2,004,306
NIRSQ.....	---	---	\$255,960
NIOSH.....	---	---	\$200,000
NIDILRR.....	---	---	\$95,127
PCORTF (NIRSQ).....	---	---	\$124,349
EEOICPA (NIOSH).....	---	---	\$55,358
TOTAL, NIH Program Level	\$34,229,139	\$34,067,456	\$34,766,707
Special type 1 Diabetes Research.....	-\$139,650	-\$150,000	---
PCORTF.....	---	---	-\$124,349
EEOICPA.....	---	---	-\$55,358
PHS Program Evaluation.....	-\$824,443	-\$818,844	-\$741,000
Interior Approp. (Superfund Research).....	-\$77,349	-\$76,824	-\$53,967
Total, NIH Labor/HHS Budget Authority	\$33,187,697	\$33,021,788	\$33,792,033

¹ Includes Special type 1 Diabetes Research mandatory funding in FY 2017 (\$139.65 million) and FY 2018 (\$150 million) and discretionary funding in FY 2019 (\$150 million).

² Includes Program Evaluation financing of \$824 million in FY 2017, \$818 million in FY 2018, and \$741 million in FY 2019.

³ Includes Interior Appropriation allocation for Superfund Research activities.

APPROPRIATIONS ADJUSTMENT TABLES

(Dollars in Thousands)	FY 2017 Enacted	Permissive Transfer (NIH Innovation Account) ⁴	Permissive Transfer (Secretary 1% Authority) ⁵	HIV/AIDS Transfer	Sequestration	FY 2017 Operating Level
NCI.....	\$5,389,329	\$300,000	-\$11,971	-\$17,403		\$5,659,955
NHLBI.....	\$3,206,589		-\$7,152	\$10,492		\$3,209,929
NIDCR.....	\$425,751		-\$954	---		\$424,797
NIDDK ^{1,2}	\$2,020,595		-\$4,174	\$3,433	-\$10,350	\$2,009,504
NINDS.....	\$1,783,654		-\$3,894	-\$1,072		\$1,778,688
NIAID.....	\$4,906,638		-\$10,628	\$9,708		\$4,905,718
NIGMS.....	\$2,650,838		-\$3,976	-\$710		\$2,646,152
NICHD.....	\$1,380,295		-\$3,076	-\$611		\$1,376,608
NEL.....	\$732,618		-\$1,643	\$237		\$731,212
NIEHS ³	\$791,610		-\$1,592	---		\$790,018
NIA.....	\$2,048,610		-\$3,673	\$3,877		\$2,048,814
NIAMS.....	\$557,851		-\$1,245	---		\$556,606
NIDCD.....	\$436,875		-\$971	---		\$435,904
NIMH.....	\$1,601,931		-\$3,554	\$6,281		\$1,604,658
NIDA.....	\$1,090,853		-\$2,474	-\$17,533		\$1,070,846
NIAAA.....	\$483,363		-\$1,074	\$162		\$482,451
NINR.....	\$150,273		-\$336	---		\$149,937
NHGRI.....	\$528,566		-\$1,191	\$971		\$528,346
NIBIB.....	\$357,080		-\$796	\$697		\$356,981
NIMHD.....	\$289,069		-\$642	-\$757		\$287,670
NCCIH.....	\$134,689		-\$300	---		\$134,389
NCATS.....	\$705,903		-\$1,573	---		\$704,330
FIC.....	\$72,213		-\$162	-\$199		\$71,852
NLM.....	\$407,510		-\$906	---		\$406,604
OD.....	\$2,029,783	-\$300,000	-\$3,607	\$2,427		\$1,728,603
B&F.....	\$128,863		-\$296	---		\$128,567
Total, NIH Program Level	\$34,311,349	---	-\$71,860	---	-\$10,350	\$34,229,139
Less funds allocated from different sources:						
Mandatory Type 1 Diabetes Research	-\$150,000	---	---	---	-\$10,350	-\$139,650
PHS Program Evaluation	-\$824,443	---	---	---	---	-\$824,443
Total, NIH Discretionary Budget Authority	\$33,336,906	---	-\$71,860	---	---	\$33,265,046
Interior Budget Authority	-\$77,349	---	---	---	---	-\$77,349
Total, NIH Labor/HHS Budget Authority	\$33,259,557	---	-\$71,860	---	---	\$33,187,697

¹ Includes funding for mandatory Special type 1 Diabetes Research account as authorized under Section 213(a) of the Medicare Access and CHIP Reauthorization Act of 2015 (P.L. 114-10).

² Includes a sequestration adjustment for the Special type 1 Diabetes Research mandatory account.

³ Includes the Superfund Research allocation as provided by the Interior & Environment section (Division G) of the Consolidated Appropriations Act of 2017 (P.L. 115-31).

⁴ Reflects redistribution of NIH Innovation account for the 21st Century Cures Act (P.L. 114-255).

⁵ Identifies amounts transferred to HHS consistent with the Secretary's 1% transfer authority consistent with Section 205 (Division H) of P.L. 115-31.

BUDGET MECHANISM TABLE

(Dollars in Thousands) ¹	FY 2017 Final ^{1,4}		FY 2018 Annualized CR ^{1,4}		FY 2019 President's Budget ^{4,10}		FY 2019 +/- FY 2018	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Research Projects:								
Noncompeting	24,638	\$12,661,301	25,468	\$13,495,362	25,030	\$13,291,723	-438	-\$203,639
Administrative Supplements ²	(1,508)	225,445	(1,174)	157,514	(952)	112,473	(-222)	-45,041
Competing	10,123	\$5,283,732	8,656	\$4,486,448	9,084	\$4,571,486	428	\$85,038
Subtotal, RPGs	34,761	\$18,170,479	34,124	\$18,139,325	34,114	\$17,975,682	-10	-\$163,643
SBIR/STTR	1,807	923,162	1,796	926,988	1,835	918,846	39	-8,142
Research Project Grants	36,568	\$19,093,641	35,920	\$19,066,313	35,949	\$18,894,528	29	-\$171,785
Research Centers:								
Specialized/Comprehensive	1,004	\$1,766,720	979	\$1,706,013	1,082	\$1,709,109	103	\$3,096
Clinical Research	67	402,112	71	418,602	85	405,881	14	-12,721
Biotechnology	105	187,352	101	175,897	123	180,243	22	4,346
Comparative Medicine	48	121,663	47	118,807	51	127,634	4	8,827
Research Centers in Minority Institutions	24	58,462	24	64,388	22	59,851	-2	-4,537
Research Centers	1,248	\$2,536,309	1,222	\$2,483,707	1,363	\$2,482,718	141	-\$989
Other Research:								
Research Careers	3,712	\$672,622	3,792	\$688,038	4,226	\$752,342	434	\$64,304
Cancer Education	83	23,629	85	24,147	94	26,492	9	2,345
Cooperative Clinical Research	329	403,274	265	377,633	291	400,779	26	23,146
Biomedical Research Support	109	69,962	109	68,778	63	39,703	-46	-29,075
Minority Biomedical Research Support	281	104,119	281	103,454	357	110,179	76	6,725
Other	1,863	907,363	1,954	979,720	2,088	863,101	134	-116,619
Other Research	6,377	\$2,180,970	6,486	\$2,241,770	7,119	\$2,192,596	633	-\$49,174
Total Research Grants	44,193	\$23,810,919	43,628	\$23,791,790	44,431	\$23,569,842	803	-\$221,948
Ruth L. Kirchstein Training Awards:								
Individual Awards	3,599	\$157,826	3,554	\$159,393	3,488	\$157,910	-66	-\$1,483
Institutional Awards	12,419	669,571	12,471	680,412	12,282	652,676	-189	-27,736
Total Research Training	16,018	\$827,397	16,025	\$839,805	15,770	\$810,586	-255	-\$29,219
Research & Develop. Contracts (SBIR/STTR) (non-add) ²	2,028 (88)	\$3,070,430 (57,569)	2,018 (78)	\$2,896,751 (60,086)	2,003 (98)	\$2,931,915 (61,241)	-15 (20)	\$35,164 (1,155)
Intramural Research		\$3,782,692		\$3,787,681		\$3,795,544		\$7,863
Res. Management & Support		1,747,769		1,765,098		1,757,337		-7,761
Res. Management & Support (SBIR Admin) (non-add) ^{2,11}		(5,695)		(0)		(0)		(0)
Office of the Director - Appropriation ^{2,5}		(1,728,603)		(1,706,132)		(2,004,306)		(298,174)
Office of the Director - Other		754,016		751,723		1,152,682		400,959
ORIP (non-add) ^{2,5}		(279,131)		(275,580)		(252,843)		(-22,737)
Common Fund (non-add) ^{2,5}		(695,456)		(678,829)		(598,781)		(-80,048)
Buildings and Facilities ⁶		158,567		157,784		220,000		62,216
Appropriation		(128,567)		(127,988)		(200,000)		(72,012)
National Institute for Occupational Safety and Health ⁹		---		---		200,000		200,000
National Institute on Disability, Independent Living, and Rehabilitation Research ⁹		---		---		95,127		95,127
Special type 1 Diabetes ⁷		-139,650		-150,000		---		150,000
Program Evaluation Financing ⁸		-824,443		-818,844		-741,000		77,844
Subtotal, Labor/HHS Budget Authority		\$33,187,697		\$33,021,788		\$33,792,033		\$770,245
Interior Appropriation for Superfund Research		77,349		76,824		53,967		-22,857
Total, NIH Discretionary BA		\$33,265,046		\$33,098,611		\$33,846,000		\$747,389
Special type 1 Diabetes		139,650		150,000		0		-150,000
Patient-Centered Outcomes Research Trust Fund (PCORF)		---		---		124,349		124,349
Energy Employees Occupational Illness Compensation Program Act (EEOICPA)		---		---		55,358		55,358
Total, NIH Budget Authority		\$33,404,696		\$33,248,611		\$34,025,707		\$777,096
Program Evaluation Financing		824,443		818,844		741,000		-77,844
Total, Program Level		\$34,229,139		\$34,067,456		\$34,766,707		\$699,251

1 All Subtotal and Total numbers may not add due to rounding.
2 All numbers in italics and brackets are non-add.
3 Excludes Ebola-related supplemental appropriations.
4 Includes 21st Century Cures Act funding.
5 Number of grants and dollars for the Common Fund and ORIP components of OD are distributed by mechanism and are noted here as a non-add. The Office of the Director - Appropriations also is noted as a non-add because the remaining funds are accounted for under OD - Other.
6 Includes the Building & Facilities appropriation as well as funds identified for facilities repairs and improvements at the NCI Federally Funded Research and Development Center in Frederick, Maryland.
7 In FY 2017 and FY 2018 the number of grants and dollars for mandatory Special type 1 Diabetes Research account are distributed by mechanism above; therefore, type 1 Diabetes amounts are deducted to provide subtotals that align to the Labor/ HHS Budget Authority levels. In FY 2019, resources for Special type 1 Diabetes are incorporated in discretionary appropriations.
8 Number of grants and dollars for Program Evaluation Financing are distributed by mechanism above; therefore, the amount is deducted to provide subtotals that align to the Labor/HHS Budget Authority levels.
9 National Institute for Occupational Safety and Health (NIOSH) and National Institute on Disability, Independent Living, and Rehabilitation Research (NIDILRR) included in FY 2019 only and are not distributed by mechanism.
10 Includes funding for the National Institute for Research on Safety and Quality (formerly the Agency for Healthcare Research and Quality), NIOSH, and NIDILRR.
11 SBIR administrative funds pilot program expired on September 30, 2017.

BUDGET AUTHORITY BY OBJECT CLASS INCLUDING TYPE 1 DIABETES(Dollars in Thousands)¹

Object Classes	FY 2018 Annualized CR	FY 2019 President's Budget	FY 2019 Revised +/- FY 2018
<u>Personnel Compensation</u>			
Full-Time Permanent (11.1)	\$1,005,750	\$1,044,655	\$38,904
Other Than Full-Time Permanent (11.3)	529,051	534,339	5,288
Other Personnel Compensation (11.5)	46,458	45,327	-1,132
Military Personnel (11.7)	18,543	19,658	1,115
Special Personnel Services Payments (11.8)	177,354	157,705	-19,649
Subtotal Personnel Compensation (11.9)	\$1,777,158	\$1,801,684	\$24,527
Civilian Personnel Benefits (12.1)	517,577	535,167	17,590
Military Personnel Benefits (12.2)	12,490	13,100	610
Benefits to Former Personnel (13.0)	0	1,401	1,401
Total Pay Costs	\$2,307,225	\$2,351,353	\$44,128
Travel & Transportation of Persons (21.0)	50,395	52,272	1,877
Transportation of Things (22.0)	5,205	5,328	123
Rental Payments to GSA (23.1)	23,583	24,398	814
Rental Payments to Others (23.2)	1,312	1,618	306
Communications, Utilities & Misc. Charges (23.3)	30,808	31,571	763
Printing & Reproduction (24.0)	536	563	26
Consultant Services (25.1)	199,844	205,320	5,476
Other Services (25.2)	1,187,625	1,244,511	56,885
Purchase of goods and services from government accounts (25.3)	3,185,009	3,396,595	211,586
Operation & Maintenance of Facilities (25.4)	207,649	236,105	28,456
R&D Contracts (25.5)	1,402,484	1,432,723	30,239
Medical Care (25.6)	24,851	26,718	1,867
Operation & Maintenance of Equipment (25.7)	120,524	124,788	4,264
Subsistence & Support of Persons (25.8)	1,565	2,218	653
Subtotal Other Contractual Services (25.0)	\$6,329,550	\$6,668,977	\$339,427
Supplies & Materials (26.0)	219,034	223,773	4,739
Equipment (31.0)	147,083	82,204	-64,879
Land and Structures (32.0)	0	0	0
Investments & Loans (33.0)	0	0	0
Grants, Subsidies & Contributions (41.0)	24,057,027	24,054,822	-2,205
Insurance Claims & Indemnities (42.0)	1	0	-1
Interest & Dividends (43.0)	27	27	0
Refunds (44.0)	0	0	0
Subtotal Non-Pay Costs	\$30,864,563	\$31,145,553	\$280,990
Total Budget Authority	\$33,171,788	\$33,496,906	\$325,118

¹ Excludes the Superfund Research account under the jurisdiction of the Interior & Related Agencies Appropriations Subcommittee, Ebola-related supplemental appropriations, and Program Evaluation financing (all years). Includes mandatory Special type 1 Diabetes Research account for FY 2018 only. Excludes budgetary resources associated with NIOSH, NIDILRR, PCORTF, and EEOICPA for FY 2019 only.

BUDGET AUTHORITY BY OBJECT CLASS INCLUDING SSF AND MF

(Dollars in Thousands)

Object Classes	FY 2018 Annualized CR¹	FY 2019 President's Budget	FY 2019 Revised +/- FY 2018
Personnel Compensation			
Full-Time Permanent (11.1)	\$1,383,943	\$1,424,663	\$40,720
Other Than Full-Time Permanent (11.3)	592,957	598,551	5,595
Other Personnel Compensation (11.5)	73,834	72,834	-1,000
Military Personnel (11.7)	27,118	28,413	1,295
Special Personnel Services Payments (11.8)	182,506	162,882	-19,624
Subtotal Personnel Compensation (11.9)	\$2,260,358	\$2,287,343	\$26,985
Civilian Personnel Benefits (12.1)	668,642	688,091	19,449
Military Personnel Benefits (12.2)	18,349	19,082	733
Benefits to Former Personnel (13.0)	1,160	2,573	1,413
Total Pay Costs	\$2,948,509	\$2,997,088	\$48,579
Other Contractual Services (25.0)			
Travel & Transportation of Persons (21.0)	53,451	55,328	1,877
Transportation of Things (22.0)	7,187	7,311	123
Rental Payments to GSA (23.1)	82,443	83,257	814
Rental Payments to Others (23.2)	87,605	87,911	306
Communications, Utilities & Misc. Charges (23.3)	167,135	167,898	763
Printing & Reproduction (24.0)	547	573	26
Consultant Services (25.1)	226,121	230,097	3,976
Other Services (25.2)	1,758,432	1,795,318	36,885
Purchase of goods and services from government accounts (25.3)	1,157,674	1,330,823	173,150
Operation & Maintenance of Facilities (25.4)	367,474	395,931	28,456
R&D Contracts (25.5)	1,402,724	1,432,963	30,239
Medical Care (25.6)	30,478	32,345	1,867
Operation & Maintenance of Equipment (25.7)	285,250	278,499	-6,751
Subsistence & Support of Persons (25.8)	6,505	7,158	653
Subtotal Other Contractual Services (25.0)	\$5,234,658	\$5,503,134	\$268,476
Non-Pay Costs			
Supplies & Materials (26.0)	328,719	331,958	3,239
Equipment (31.0)	204,349	207,470	3,121
Land and Structures (32.0)	0	0	0
Investments & Loans (33.0)	0	0	0
Grants, Subsidies & Contributions (41.0)	24,057,040	24,054,835	-2,205
Insurance Claims & Indemnities (42.0)	3	2	-1
Interest & Dividends (43.0)	141	141	0
Refunds (44.0)	0	0	0
Subtotal Non-Pay Costs	\$30,223,279	\$30,499,818	\$276,539
Total Budget Authority	\$33,171,788	\$33,496,906	\$325,118

¹ Excludes the Superfund Research account under the jurisdiction of the Interior & Related Agencies Appropriations Subcommittee, Ebola-related supplemental appropriations, and Program Evaluation financing (all years). Includes mandatory Special type 1 Diabetes Research account for FY 2018 only. Excludes budgetary resources associated with NIOSH, NIDILRR, PCORTF, and EEOICPA for FY 2019 only.

SALARIES AND EXPENSES

(Dollars in Thousands)¹

Object Classes	FY 2018 Annualized CR	FY 2019 President's Budget ²	FY 2019 Rev +/- FY 2018
<u>Personnel Compensation</u>			
Full-Time Permanent (11.1)	\$1,005,750	\$1,044,655	38,904
Other Than Full-Time Permanent (11.3)	529,051	534,339	5,288
Other Personnel Compensation (11.5)	46,458	45,327	-1,132
Military Personnel (11.7)	18,543	19,658	1,115
Special Personnel Services Payments (11.8)	177,354	157,705	-19,649
Subtotal Personnel Compensation (11.9)	\$1,777,158	\$1,801,684	\$24,527
Civilian Personnel Benefits (12.1)	517,577	535,167	17,590
Military Personnel Benefits (12.2)	12,490	13,100	610
Benefits to Former Personnel (13.0)	0	1,401	1,401
Total Pay Costs	\$2,307,225	\$2,351,353	\$44,128
Travel & Transportation of Persons (21.0)	50,395	52,272	1,877
Transportation of Things (22.0)	5,205	5,328	123
Rental Payments to Others (23.2)	1,312	1,618	306
Communications, Utilities & Misc. Charges (23.3)	30,808	31,571	763
Printing & Reproduction (24.0)	536	563	26
<u>Other Contractual Services:</u>			
Consultant Services (25.1)	163,999	168,493	4,494
Other Services (25.2)	1,187,625	1,244,511	56,885
Purchase of goods and services from government accounts (25.3) ³	2,324,576	2,479,001	154,426
Operation & Maintenance of Facilities (25.4)	202,465	230,211	27,746
Operation & Maintenance of Equipment (25.7)	120,524	124,788	4,264
Subsistence & Support of Persons (25.8)	1,565	2,218	653
Subtotal Other Contractual Services	\$4,000,753	\$4,249,222	\$248,468
Supplies & Materials (26.0)	219,034	223,773	4,739
Subtotal Non-Pay Costs	\$4,308,045	\$4,564,347	\$256,303
Total Salaries and Expense / Administrative Costs	\$6,615,270	\$6,915,701	\$300,431

¹ Excludes the Superfund Research account under the jurisdiction of the Interior & Related Agencies Appropriations Subcommittee, Ebola-related supplemental appropriations, and Program Evaluation Financing.

² Does not include PCORIF, NIOSH, NIDILRR, and EEOICPA funds.

³ Excludes obligations from accounts (OC 25.1, 25.3 and 25.4) supporting Program Evaluations and Inter-agency Agreements related to the Research and Development Contracts mechanism.

DETAIL OF FULL-TIME EQUIVALENT EMPLOYMENT (FTE)

Institutes and Centers	FY 2017 Actual	FY 2018 Estimate	FY 2019 Estimate
NCI*.....	3,029	3,047	3,036
NHLBI.....	955	962	962
NIDCR.....	235	235	235
NIDDK.....	655	663	663
NINDS.....	525	532	532
NIAID.....	1,959	1,963	1,963
NIGMS.....	182	184	184
NICHD.....	553	557	557
NEI.....	272	273	273
NIEHS.....	658	662	662
NIA.....	430	434	434
NIAMS*.....	227	227	238
NIDCD.....	138	140	140
NIMH.....	560	563	563
NIDA.....	380	382	382
NIAAA.....	236	238	238
NINR.....	95	96	96
NHGRI.....	346	349	349
NIBIB.....	103	102	102
NCATS.....	166	167	167
NCCIH.....	71	73	73
NIMHD.....	68	68	68
FIC.....	61	61	61
NLM.....	733	741	741
OD.....	785	781	781
NIRSQ**.....	---	---	247
NIOSH.....	---	---	1,072
NIDILRR.....	---	---	32
OD - CS	829	841	841
CC	1,851	1,844	1,844
CSR	417	417	417
CIT	252	257	257
ORS	533	539	539
ORF	714	707	707
Central Services ¹	4,596	4,605	4,605
Total	18,018	18,105	19,456
<i>PHS Trust Fund (non-add)</i> ²	4	4	4
<i>CRADA (non-add)</i> ³	5	5	5
Grand Total	18,018	18,105	19,456

* Reflects move of Dermatology Section from NCI to NIAMS in FY 2019.

** Includes two Reimbursable FTEs.

¹ Reflects FTE associated with Central Services positions whose payroll costs are covered from NIH Management Fund and NIH Service and Supply Fund resources.

² PHS Trust Fund positions are incorporated within the IC's Direct-funded civilian FTE category and are treated as non-add values.

³ CRADA positions are distributed across multiple ICs and are treated as non-add values.

HISTORY OF OBLIGATIONS BY IC

(Dollars in Thousands)	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015 ¹	FY 2016 ¹	FY 2017 Actual ^{1,6}	FY 2018 Annualized CR ^{1,6,7}	FY 2019 President's Budget ^{6,7}
NCL.....	\$5,098,147	\$5,058,105	\$5,062,763	\$4,789,014	\$4,932,368	\$4,953,028	\$5,206,169	\$5,636,393	\$5,650,693	\$5,626,312
NHLBI.....	\$3,093,501	\$3,069,550	\$3,073,302	\$2,903,768	\$2,988,415	\$2,995,865	\$3,109,062	\$3,209,843	\$3,184,813	\$3,112,032
NIDCR.....	\$412,527	\$409,549	\$409,947	\$387,309	\$397,833	\$397,700	\$412,788	\$424,782	\$422,860	\$413,196
NIDDK ²	\$1,958,905	\$1,942,155	\$1,943,706	\$1,837,027	\$1,884,377	\$1,899,140	\$1,963,738	\$2,009,448	\$2,007,892	\$1,965,434
NINDS.....	\$1,633,568	\$1,622,001	\$1,623,344	\$1,533,793	\$1,588,899	\$1,604,607	\$1,692,830	\$1,778,684	\$1,771,541	\$1,838,556
NIAID.....	\$4,515,426	\$4,478,595	\$4,482,369	\$4,235,094	\$4,401,185	\$4,417,558	\$4,749,884	\$4,905,708	\$4,873,317	\$4,761,948
NIGMS ³	\$2,048,112	\$2,033,663	\$2,425,522	\$2,293,044	\$2,366,429	\$2,372,301	\$2,508,868	\$2,646,059	\$2,632,836	\$2,572,669
NICHD.....	\$1,327,349	\$1,317,682	\$1,318,943	\$1,246,140	\$1,283,314	\$1,286,869	\$1,338,280	\$1,376,541	\$1,370,921	\$1,339,592
NEI.....	\$705,792	\$701,781	\$701,407	\$657,055	\$675,551	\$676,764	\$707,002	\$731,203	\$727,643	\$711,015
NIHES ⁴	\$774,008	\$762,602	\$763,225	\$721,331	\$743,002	\$744,682	\$769,730	\$789,860	\$786,234	\$747,166
NIA.....	\$1,108,208	\$1,100,445	\$1,120,391	\$1,040,565	\$1,171,656	\$1,197,523	\$1,596,005	\$2,048,792	\$2,034,698	\$1,988,200
NIAMS.....	\$538,028	\$534,260	\$534,791	\$505,206	\$520,314	\$521,528	\$540,874	\$556,568	\$554,063	\$545,494
NIDCD.....	\$418,001	\$415,104	\$415,500	\$392,540	\$404,237	\$405,207	\$422,311	\$435,877	\$433,908	\$423,992
NIMH.....	\$1,493,510	\$1,477,257	\$1,477,516	\$1,396,006	\$1,419,632	\$1,433,651	\$1,516,325	\$1,604,624	\$1,591,052	\$1,612,192
NIDA.....	\$1,066,909	\$1,050,519	\$1,051,410	\$993,404	\$1,017,957	\$1,015,705	\$1,048,971	\$1,070,813	\$1,083,445	\$1,137,403
NIAAA.....	\$461,544	\$458,257	\$458,665	\$433,247	\$446,282	\$447,153	\$466,713	\$482,449	\$480,080	\$469,109
NINR.....	\$145,420	\$144,369	\$144,500	\$136,516	\$140,553	\$140,852	\$145,701	\$149,930	\$149,252	\$145,842
NHGRI.....	\$524,131	\$511,469	\$512,258	\$483,650	\$498,076	\$498,677	\$512,486	\$528,316	\$524,977	\$512,979
NIBIB.....	\$316,028	\$313,787	\$337,728	\$319,062	\$326,989	\$327,243	\$342,997	\$356,971	\$354,655	\$346,550
NIMHD.....	\$211,194	\$209,693	\$275,927	\$260,671	\$268,439	\$270,969	\$280,264	\$287,640	\$287,106	\$280,545
NCRR.....	\$1,267,021	\$1,257,641	---	---	---	---	---	---	---	---
NCCAM.....	\$128,615	\$127,706	\$127,820	\$120,767	\$124,368	\$124,062	\$129,760	\$134,373	\$133,774	\$130,717
NCATS.....	---	---	\$574,297	\$542,598	\$633,571	\$632,710	\$684,366	\$704,248	\$701,109	\$685,087
FIC.....	\$69,957	\$69,413	\$69,493	\$65,627	\$67,575	\$67,634	\$69,996	\$71,813	\$71,723	\$70,084
NLM ⁵	\$348,467	\$344,860	\$373,087	\$325,088	\$334,383	\$337,324	\$393,074	\$406,250	\$404,743	\$395,493
ORIP.....	---	---	\$303,525	\$290,042	\$294,486	\$294,665	\$295,783	\$279,130	\$275,580	\$252,843
Common Fund.....	\$544,028	\$543,017	\$544,930	\$513,461	\$531,146	\$545,639	\$675,628	\$695,430	\$678,829	\$598,781
OD - Other.....	\$632,966	\$623,887	\$608,713	\$608,584	\$477,293	\$573,430	\$599,263	\$714,058	\$751,723	\$1,152,682
B&F.....	\$203,056	\$62,161	\$125,308	\$106,676	\$88,880	\$128,863	\$79,883	\$113,415	\$127,988	\$200,000
NIRSQ.....	---	---	---	---	---	---	---	---	---	\$255,960
NIOSH.....	---	---	---	---	---	---	---	---	---	\$200,000
NIDILRR.....	---	---	---	---	---	---	---	---	---	\$95,127
PCORTF (NIRSQ).....	---	---	---	---	---	---	---	---	---	\$124,349
EEOICPA (NIDILRR).....	---	---	---	---	---	---	---	---	---	\$55,358
Total, NIH Program Level	\$31,044,418	\$30,638,528	\$30,860,387	\$29,137,284	\$30,027,205	\$30,311,349	\$32,258,751	\$34,149,217	\$34,067,456	\$34,766,707
Less funds allocated from different sources:										
Mandatory - Special type 1 Diabetes Research	-\$150,000	-\$150,000	-\$150,000	-\$142,350	-\$139,200	-\$150,000	-\$150,000	-\$139,650	-\$150,000	---
Mandatory - PCORTF and EEOICPA	---	---	---	---	---	---	---	---	---	-\$179,707
PHS Program Evaluation	-\$8,200	-\$8,200	-\$8,200	-\$8,200	-\$8,200	-\$715,000	-\$780,000	-\$824,443	-\$818,844	-\$741,000
Total, NIH Discretionary Budget Authority	\$30,886,218	\$30,480,328	\$30,702,187	\$28,986,734	\$29,879,805	\$29,446,349	\$31,328,751	\$33,185,124	\$33,098,611	\$33,846,000
Interior Budget Authority	-\$79,201	-\$79,045	-\$78,928	-\$74,864	-\$77,345	-\$77,349	-\$77,252	-\$77,337	-\$76,824	-\$53,967
Total, NIH Labor/HHS Budget Authority	\$30,807,017	\$30,401,283	\$30,623,259	\$28,911,870	\$29,802,460	\$29,369,000	\$31,251,499	\$33,107,787	\$33,021,788	\$33,792,033

¹ Excludes Ebola and/or Zika supplemental-related funding or transfers.

² Includes Special type 1 Diabetes Research mandatory account funding (through FY 2018).

³ Includes PHS Program Evaluation financing of \$715 million in FY 2015, and \$780 million in FY 2016, \$824 million in FY 2017, \$818 million in FY 2018, and \$741 million in FY 2019.

⁴ Includes Interior Appropriation allocation for Superfund Research activities.

⁵ Includes PHS Program Evaluation financing of \$8.2 million for years before FY 2015.

⁶ Includes funds under the 21st Century Cures Act.

⁷ Values represent estimated or requested budget authority as opposed to obligations displayed in historic years.

HISTORY OF OBLIGATIONS BY TOTAL MECHANISM

(Dollars in Thousands) ¹	FY 2010 Actual	FY 2011 Actual	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual ³	FY 2016 Actual ³	FY 2017 Actual ³	FY 2018 Annualized CR ³	FY 2019 President's Budget ³
Research Project Grants	\$16,501,300	\$16,428,047	\$16,550,486	\$15,445,463	\$16,168,246	\$16,441,843	\$17,836,992	\$19,105,304	\$19,066,313	\$18,894,528
Research Centers	\$3,082,914	\$3,009,480	\$3,040,375	\$2,708,744	\$2,723,203	\$2,663,064	\$2,575,314	\$2,536,308	\$2,483,707	\$2,482,718
Other Research	\$1,794,148	\$1,802,937	\$1,808,138	\$1,783,481	\$1,846,841	\$1,802,719	\$2,019,519	\$2,181,261	\$2,241,770	\$2,192,596
Subtotal, Research Grants	\$21,378,362	\$21,240,464	\$21,398,999	\$19,937,688	\$20,738,290	\$20,907,625	\$22,431,826	\$23,822,873	\$23,791,790	\$23,569,842
Research Training	\$775,186	\$771,766	\$761,934	\$733,524	\$738,429	\$758,017	\$804,466	\$827,397	\$839,805	\$810,586
R & D Contracts	\$3,143,929	\$2,996,640	\$2,937,188	\$2,927,077	\$2,990,037	\$2,826,971	\$2,915,277	\$3,046,759	\$2,896,751	\$2,931,915
Intramural Research	\$3,306,312	\$3,330,815	\$3,401,506	\$3,247,193	\$3,373,601	\$3,409,362	\$3,684,875	\$3,780,181	\$3,787,681	\$3,795,544
Res. Mgt. & Support	\$1,509,287	\$1,517,630	\$1,530,874	\$1,485,575	\$1,527,131	\$1,619,784	\$1,653,326	\$1,747,406	\$1,765,098	\$1,757,337
Office of the Director	\$632,966	\$623,887	\$609,530	\$608,584	\$477,293	\$573,328	\$599,368	\$701,864	\$751,723	\$1,152,682
Subtotal	\$30,746,042	\$30,481,202	\$30,640,031	\$28,939,641	\$29,844,781	\$30,095,088	\$32,089,138	\$33,928,465	\$33,832,848	\$34,017,906
Buildings & Facilities ²	\$210,975	\$70,081	\$133,228	\$114,580	\$96,880	\$123,464	\$144,863	\$143,415	\$157,784	\$220,000
Interior- Superfund	\$79,201	\$79,045	\$78,928	\$74,864	\$77,345	\$77,332	\$77,349	\$77,337	\$76,824	\$53,967
NIOSH	---	---	---	---	---	---	---	---	---	\$200,000
NIDILRR	---	---	---	---	---	---	---	---	---	\$95,127
PCORTF (NIRSQ) ⁴	---	---	---	---	---	---	---	---	---	\$124,349
EEOICCPA (NIDILRR) ⁴	---	---	---	---	---	---	---	---	---	\$55,358
Total	\$31,036,218	\$30,630,328	\$30,852,187	\$29,129,085	\$30,019,005	\$30,295,884	\$32,311,350	\$34,149,217	\$34,067,456	\$34,766,707

¹ Obligations for actual years exclude lapse. Amounts for all years include Special type 1 Diabetes, except for FY 2019.

² Building & Facilities (B&F) mechanism amounts include the B&F appropriation plus funding associated with repair and improvement (R&I) related construction for the Frederick, Maryland facility appropriated to NCI.

³ Includes Program Evaluation Financing resources of \$715 million in FY 2015, \$780 million in FY 2016, \$824 million in FY 2017, \$818 million in FY 2018, and \$741 million in FY 2019.

⁴ Identifies mandatory accounts related to proposed FY 2019 consolidation (and associated administrative organization).

PHYSICIAN’S COMPARABILITY ALLOWANCE WORKSHEET

		FY 2016 Actual	FY 2017 Actual	FY 2018 Estimate	FY 2019 Estimate
1) Number of Physicians Receiving PCAs		161	150	128	128
2) Number of Physicians with One-Year PCA		23	20	17	17
3) Number of Physicians with Multi-Year PCA		138	130	111	111
4) Average Annual Physician Pay (without PCA payment)		\$153,267	\$159,133	\$161,900	\$163,000
5) Average Annual PCA Payment		\$18,311	\$17,991	\$20,176	\$20,570
6) Number of Physicians Receiving PCAs by Category (non-add)	Category I Clinical Position				
	Category II Research Position	158	148	126	126
	Category III Occupational Health				
	Category IV-A Disability Evaluation				
	Category IV-B Health and Medical Admin.	3	2	2	2

8) Provide the maximum annual PCA amount paid to each category of physician in your agency and explain the reasoning for these amounts by category.

Maximum annual PCA amount for category II and IV-B vary based on grade level, amount of federal service and length of the PCA agreement. The monetary range is between \$10,000 and \$30,000. These flexible amounts are necessary to recruit and retain the caliber of physician needed to carry out the NIH mission which directly impacts the health of the nation.

9) Explain the recruitment and retention problem(s) for each category of physician in your agency (this should demonstrate that a current need continues to persist).(Please include any staffing data to support your explanation, such as number and duration of unfilled positions and number of accessions and separations per fiscal year.)

NIH strives to make progress recruiting and retaining qualified physicians to the Federal service. However, due to competition and more lucrative compensation in the private sector it continues to be challenging. NIH consistently has had a high turnover rate for physicians. NIH physicians require unique and specialized qualifications that make it difficult to fill vacancies.

10) Explain the degree to which recruitment and retention problems were alleviated in your agency through the use of PCAs in the prior fiscal year. (Please include any staffing data to support your explanation, such as number and duration of unfilled positions and number of accessions and separations per fiscal year.)

In FY 2017, there were a total of 150 PCA recipients across NIH. In FY 2018 and beyond, there may continue to be a slight decrease due to hiring restriction, but still the critical need continues to exist for highly qualified, specialized physicians to support the NIH mission and NIH may effectively utilize compensation flexibilities such as PCA to attract and retain qualified physicians.

STATISTICAL DATA: DIRECT AND INDIRECT COSTS AWARDED

(Dollars in Thousands)	Direct Cost Awarded	Indirect Cost Awarded	Percent of Total		Percent Change	
			Direct Cost Awarded	Indirect Cost Awarded	Direct Cost Awarded	Indirect Cost Awarded
FY 2007	\$15,387,745	\$5,876,060	72.4%	27.6%	1.1%	1.6%
FY 2008	\$15,295,950	\$5,903,730	72.2%	27.9%	-0.6%	0.5%
FY 2009	\$15,683,872	\$6,027,543	72.2%	27.8%	2.5%	2.1%
FY 2010	\$16,040,991	\$6,193,567	72.1%	27.9%	2.3%	2.8%
FY 2011	\$15,849,082	\$6,173,769	72.0%	28.0%	-1.2%	-0.3%
FY 2012	\$15,978,032	\$6,182,900	72.1%	27.9%	0.8%	0.2%
FY 2013	\$14,915,599	\$5,755,617	72.2%	27.8%	-6.7%	-6.9%
FY 2014	\$15,568,553	\$5,908,275	72.5%	27.5%	4.4%	2.7%
FY 2015	\$15,645,282	\$6,020,843	72.2%	27.8%	0.5%	1.9%
FY 2016	\$16,791,158	\$6,445,133	72.3%	27.7%	7.3%	7.1%
FY 2017 Final ²	\$17,799,515	\$6,838,801	72.2%	27.8%	6.0%	6.1%
FY 2018 Annualized CR ^{1,2}	\$17,815,418	\$6,816,177	72.3%	27.7%	0.1%	-0.3%
FY 2019 President's Budget ^{1,2,3}	\$17,623,855	\$6,756,573	72.3%	27.7%	-1.1%	-0.9%

¹ FY 2018 and FY 2019 data represent estimates and will change as actual data is received.

² Includes 21st Century Cures Act funding.

³ Includes NIRSQ and excludes NIOSH, NIDILRR, PCORTF and EEOICPA.

RESEARCH PROJECT GRANTS – TOTAL NUMBER OF AWARDS AND FUNDING

(Dollars in Thousands)	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017 Final ³	FY 2018 Annualized CR ³	FY 2019 President's Budget ^{3,4}
No. of Awards:										
Competing	9,386	8,706	8,986	8,234	9,168	9,540	10,364	10,123	8,656	9,084
Noncompeting	25,738	26,166	25,631	25,140	23,504	23,261	23,528	24,638	25,468	25,030
Subtotal	35,124	34,872	34,617	33,374	32,672	32,801	33,892	34,761	34,124	34,114
SBIR/STTR	1,685	1,494	1,642	1,466	1,660	1,578	1,689	1,807	1,796	1,835
Total	36,809	36,366	36,259	34,840	34,332	34,379	35,581	36,568	35,920	35,949
Average Annual Cost:										
Competing	\$417	\$427	\$421	\$418	\$489	\$452	\$484	\$522	\$518	\$503
Total RPGs ¹	\$450	\$453	\$459	\$444	\$474	\$479	\$502	\$523	\$532	\$527
Percent Change over prior year²										
Average Costs:										
Competing RPGs	-2.4%	2.5%	-1.5%	-0.8%	17.0%	-7.5%	7.2%	7.8%	-0.7%	-2.9%
Total RPGs ¹	3.0%	0.5%	1.4%	-3.3%	6.7%	1.2%	4.8%	4.0%	1.7%	-0.9%
Average Length of Award in Years	3.8	3.7	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6

NOTE: Includes awards supported by the Common Fund program (for all years) and the Type 1 Diabetes mandatory account (through FY 2018).

¹ Includes Noncompeting RPGs and Administrative Supplements. Excludes SBIR/STTR awards.

² Based on average costs in whole dollars.

³ Includes 21st Century Cures Act funding.

⁴ Includes NIRSQ and excludes NIOSH, NIDILRR, PCORTF and EEOICPA.

RESEARCH PROJECT GRANTS – SUCCESS RATES

INSTITUTES & CENTERS^{1,2}	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017 Final⁹	FY 2018 Annualized CR^{8,9}	FY 2019 President's Budget^{8,9,10}
NCI	17.1%	13.8%	13.6%	13.7%	14.1%	13.0%	12.0%	11.7%	10.8%	
NHLBI	19.9%	17.4%	14.7%	16.9%	18.2%	21.9%	24.2%	23.5%	21.9%	
NIDCR	22.2%	22.5%	21.2%	19.9%	21.5%	22.0%	19.9%	17.8%	14.5%	
NIDDK	25.9%	20.7%	19.8%	21.0%	22.9%	20.3%	20.1%	17.8%	15.8%	
NINDS	22.6%	21.1%	19.5%	19.8%	18.7%	20.5%	19.8%	17.7%	14.3%	
NIAD	23.9%	20.2%	23.2%	18.8%	22.0%	21.5%	23.8%	19.1%	16.4%	
NIGMS	26.9%	23.1%	24.4%	19.9%	24.8%	29.6%	29.6%	30.6%	22.5%	
NICHD	15.2%	12.4%	12.5%	10.8%	12.5%	11.5%	13.2%	16.1%	12.3%	
NEI	26.9%	28.8%	29.8%	23.7%	26.7%	21.4%	25.7%	24.9%	21.0%	
NIEHS	25.1%	14.7%	14.3%	15.3%	15.0%	14.7%	14.2%	15.0%	12.9%	
NIA	14.5%	16.1%	15.5%	13.6%	15.9%	17.7%	22.8%	26.6%	30.7%	
NIAMS	21.4%	14.9%	15.6%	15.9%	18.1%	16.7%	16.0%	17.0%	11.6%	
NIDCD	30.2%	27.5%	26.6%	22.5%	25.8%	24.9%	26.7%	24.4%	21.2%	
NIMH	22.1%	17.1%	21.6%	18.7%	19.4%	20.4%	22.9%	20.9%	17.5%	
NIDA	19.8%	18.2%	21.2%	19.5%	18.0%	19.6%	15.4%	19.7%	13.3%	
NIAAA	26.5%	18.6%	18.4%	19.5%	19.2%	16.4%	18.8%	22.0%	17.9%	
NINR	13.2%	8.5%	13.0%	9.1%	11.6%	8.0%	9.0%	8.9%	8.6%	
NHGRI	33.6%	27.4%	23.9%	20.5%	17.7%	18.8%	25.6%	23.9%	14.4%	
NIBIB	16.0%	12.9%	12.1%	13.7%	13.1%	12.0%	14.6%	13.0%	14.4%	
NIMHD	8.0%	11.9%	9.9%	4.3%	11.9%	13.7%	19.3%	21.5%	5.5%	
NCCIH ³	11.0%	9.1%	9.5%	11.6%	8.7%	10.8%	13.9%	16.7%	9.4%	
NCATS ⁴	N/A	N/A	0.0%	0.0%	16.7%	66.7%	27.7%	21.8%	6.7%	
FIC	26.1%	11.9%	16.0%	14.6%	9.1%	9.7%	29.5%	10.8%	12.3%	
NLM	21.1%	16.1%	12.8%	12.3%	19.4%	19.8%	13.0%	14.9%	9.6%	
ORIP & SEPA ^{5,6,7}	22.0%	21.3%	18.6%	20.0%	19.6%	21.5%	18.8%	16.5%	9.8%	
Common Fund	11.1%	11.3%	8.0%	9.2%	10.0%	12.1%	12.6%	11.8%	12.6%	
NIRSQ	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	25.0%
NIH⁷	21.0%	20.5%	17.5%	16.7%	18.0%	18.3%	19.1%	18.7%	15.9%	16.0%

¹ Application success rates represent the percentage of applications that are awarded during the fiscal year.

² Includes Special type 1 Diabetes Research program administered by NIDDK (except for FY 2019). Excludes NIEHS Superfund Research account administered by NIEHS.

³ The National Center for Complementary and Alternative Medicine (NCCAM) was renamed in December 2014 to the National Center for Complementary and Integrative Health (NCCIH) consistent with enactment of the Consolidated and Further Continuing Appropriations Act, 2015 (P.L. 113-235).

⁴ The National Center for Advancing Translational Sciences (NCATS) was established concurrent with the dissolution of National Center for Research Resources (NCRR) effective FY 2012.

⁵ Success rate data associated with grants funded from the OD appropriation unrelated to the Common Fund or ORIP & SEPA is not included. Collection of this information was initiated in FY 2012.

⁶ The SEPA program transitioned to NIGMS in FY 2017 from the NIH Office of Research Infrastructure Program (ORIP).

⁷ NIH success rate excludes application and grant data from OD Non-Common Fund and OD Non-ORIP & SEPA accounts.

⁸ Success Rates identified in FY 2018 and FY 2019 are estimates, and will change as applications are received and selected for funding.

⁹ Includes 21st Century Cures Act funding.

¹⁰ Includes NIRSQ and excludes NIOSH, NIDILRR, PCORTF and EEOICPA.

TOTAL R01 EQUIVALENT DATA FOR FIRST TIME AND ESTABLISHED INVESTIGATORS

R01 Equivalent Grants ^{1,2,3}	FY 2017 Final	FY 2018 Annualized CR	FY 2019 President's Budget ⁴
Applications			
Received.....	31,065	31,096	32,386
Funded.....	6,041	5,117	5,389
Total Investigators			
Received.....	27,537	27,324	28,371
Funded.....	6,578	5,623	5,965
Established Investigators			
Received.....	17,443	17,482	18,211
Funded.....	4,674	3,996	4,237
First-time Investigators			
Received.....	10,094	9,842	10,160
Funded.....	1,904	1,627	1,728

¹ In the out years, values for R01 equivalent grants are based on linear extrapolation of five years of latest actual

² Excludes applications and awards associated with reimbursable agreements and Superfund Research account.

³ Estimates for received applications reflect consolidations of Institute/Center validated refinements to linear extrapolation of five years of latest actual data.

⁴ Includes NIRSQ and excludes NIOSH, NIDILRR, PCORTF, and EEOICPA.

COMPETING RPGS BY LENGTH OF AWARD

(Dollars in Thousands)	FY 2017		FY 2018		FY 2019	
	Final		Annualized CR		President's Budget ²	
	No.	Amount	No.	Amount	No.	Amount
Competing RPGs:¹						
One-Year Awards.....	880	\$1,020,401	755	\$734,179	792	\$748,095
Two-Year Awards.....	2,408	\$512,038	2,192	\$504,193	2,301	\$513,750
Three-Year Awards.....	530	\$260,296	501	\$259,385	526	\$264,302
Four-Year Awards.....	2,037	\$1,052,828	1,739	\$915,844	1,825	\$933,203
Five or More Year Awards.....	4,268	\$2,438,169	3,469	\$2,072,847	3,640	\$2,112,136
Total Competing RPGs.....	10,123	\$5,283,732	8,656	\$4,486,448	9,084	\$4,571,486

¹ The distribution of awards with durations of 1, 2, 3, 4 and 5+ years is based on historical data.

² Includes NIRSQ, and excludes NIOSH, NIDILRR, PCORTF, and EEOICPA.

NON-COMPETING COMMITMENTS

(Dollars in Thousands)	FY 2017 Final	FY 2018 Annualized CR	FY 2019 President's Budget ⁴
Research Project Grants (RPGs)			
Noncompeting:			
Number.....	24,638	25,468	25,030
Amount.....	\$12,661,301	\$13,495,362	\$13,291,723
Administrative Supp.....	\$225,445	\$157,514	\$112,473
Competing:			
Number.....	10,123	8,656	9,084
Amount.....	\$5,283,732	\$4,486,448	\$4,571,486
SBIR/STTR:			
Number.....	1,807	1,796	1,835
Noncompeting.....	792	785	802
Amount ¹	\$923,162	\$926,988	\$918,846
Noncompeting.....	\$404,652	\$405,323	\$401,763
Subtotal, RPGs			
Number.....	36,568	35,920	35,949
Amount.....	\$19,093,640	\$19,066,312	\$18,894,528
Research Centers:			
Number.....	1,248	1,222	1,363
Noncompeting.....	938	882	984
Amount.....	\$2,536,309	\$2,483,707	\$2,482,718
Noncompeting.....	\$1,906,190	\$1,792,371	\$1,791,657
Other Research:			
Number.....	6,377	6,486	7,119
Noncompeting.....	4,140	4,367	4,793
Amount.....	\$2,180,970	\$2,241,770	\$2,192,596
Noncompeting.....	\$1,415,941	\$1,509,396	\$1,476,287
Training:			
FITPs:.....	16,018	16,025	15,770
Noncompeting.....	11,756	11,677	11,475
Amount.....	\$827,397	\$839,805	\$810,586
Noncompeting.....	\$607,247	\$611,941	\$589,816
Total Extramural Research:²			
Noncompeting Number/FITPs.....	42,264	43,179	43,084
Competing Number/FITPs.....	17,947	16,474	17,117
Noncompeting Amount.....	\$17,220,776	\$17,971,907	\$17,663,719
Competing Amount.....	\$7,417,540	\$6,659,687	\$6,716,709
Total % Change.....	6.0%	0.0%	-1.0%
Total Discretionary Budget Authority³.....	\$34,089,489	\$33,917,456	\$34,587,000
% Change.....	6.0%	-0.5%	2.0%

¹ The 3.65% combined SBIR/STTR program threshold is achieved in FY 2017 and sustained in subsequent years.

² Includes both grants and FITPs for Noncompeting Number and Competing Number and excludes resources related to R&D Contracts.

³ Includes Labor/HHS appropriations, the Interior Superfund Research account, 21st Cures Act allocations, as well as Program Evaluation financing resources. Excludes Type 1 Diabetes mandatory funds in FY 2017 and FY 2018.

⁴ The grant awards section includes NIRSQ and excludes NIOSH, NIDILRR, PCORTF, and EEOICPA. The Total Discretionary BA includes NIRSQ, NIOSH and NIDILRR and excludes mandatory resources related to PCORTF and EEOICPA.

MANAGEMENT FUND GENERAL STATEMENT

General Statement

The NIH Management Fund (MF) was established on June 29, 1957, by Public Law 85-67. The MF was created to finance a variety of centralized support services and administrative activities that are required for the efficient and effective operation of all NIH programs and facilities. The services provided by the MF include a research hospital and outpatient clinic, receipt, review and referral of research and training grant applications, police, fire, security and general administrative support services. Funds credited to the NIH Management Fund remain available for one fiscal year after the fiscal year in which they are deposited.

MANAGEMENT FUND BUDGET AUTHORITY BY ACTIVITY

Budget Authority by Activity
(Dollars in thousands)

	FY 2017 Final		FY 2018 Annualized CR		FY 2019 President's Budget		Change	
	<u>FTEs</u>	<u>Amount</u>	<u>FTEs</u>	<u>Amount</u>	<u>FTEs</u>	<u>Amount</u>	<u>FTEs</u>	<u>Amount</u>
<u>Detail:</u>								
Clinical Center	1,850	\$478,021	1,843	\$495,229	1,843	\$495,229	0	\$0
Center for Scientific Review	417	135,838	417	140,728	417	140,728	0	0
Office of Research Services, Development & Operations and Administrative services	533	77,415	539	80,202	539	80,202	0	0
TOTAL	2,800	\$691,274	2,799	\$716,159	2,799	\$716,159	0	\$0

MANAGEMENT FUND BUDGET AUTHORITY BY OBJECT CLASS

(Dollars in thousands)

	FY 2018 Annualized CR	FY 2019 President's Budget	Increase or Decrease	Percent Change
Total compensable workyears:				
Full-time employment	2,799	2,799	0	0.0%
Full-time equivalent of overtime and holiday hours	0	0	0	0.0%
Average ES salary	\$191	\$192	1	0.5%
Average GM/GS grade	11.2	11.2	0	0.0%
Average GM/GS salary	\$97	\$98	1	1.0%
Average salary, grade established by act of July 1, 1944 (42 U.S.C. 207)	\$91	\$92	1	1.1%
Average salary of ungraded positions	132	133	1	0.8%
OBJECT CLASSES	FY 2018 Enacted	FY 2019 Estimate	Increase or Decrease	Percent Change
Personnel Compensation:				
11.1 Full-time permanent	\$183,857	\$184,739	\$882	0.5%
11.3 Other than full-time permanent	54,501	54,763	262	0.5%
11.5 Other personnel compensation	17,014	17,096	82	0.5%
11.7 Military personnel	6,293	6,425	132	2.1%
11.8 Special personnel services payments	5,095	5,120	25	0.5%
Total, Personnel Compensation	266,760	268,143	1,383	0.5%
12.0 Personnel benefits	78,968	79,939	971	1.2%
12.2 Military personnel benefits	4,733	4,832	99	2.1%
13.0 Benefits for former personnel	0	0	0	-
Subtotal, Pay Costs	350,461	352,914	2,453	0.7%
21.0 Travel and transportation of persons	2,112	2,112	0	0.0%
22.0 Transportation of things	923	923	0	0.0%
23.1 Rental payments to GSA	5	5	0	0.0%
23.2 Rental payments to others	21	21	0	0.0%
23.3 Communications, utilities and miscellaneous charges	7,328 0	7,328 0	0 0	0.0% -
24.0 Printing and reproduction	9	9	0	0.0%
25.1 Consulting services	16,042	16,042	0	0.0%
25.2 Other services	102,506	101,553	(953)	-0.9%
25.3 Purchase of goods and services from government accounts	145,378	143,878	(1,500)	-1.0%
25.4 Operation and maintenance of facilities	8,300	8,300	0	0.0%
25.5 Research and development contracts	0	0	0	-
25.6 Medical care	4,868	4,868	0	0.0%
25.7 Operation and maintenance of equipment	18,577	18,577	0	0.0%
25.8 Subsistence and support of persons	2,323	2,323	0	0.0%
25.0 Subtotal, Other Contractual Services	297,994	295,541	(2,453)	-0.8%
26.0 Supplies and materials	32,000	32,000	0	0.0%
31.0 Equipment	25,274	25,274	0	0.0%
32.0 Land and structures	0	0	0	-
33.0 Investments and loans	0	0	0	-
41.0 Grants, subsidies and contributions	12	12	0	0.0%
42.0 Insurance claims and indemnities	0	0	0	-
43.0 Interest and dividends	19	19	0	0.0%
44.0 Refunds	0	0	0	-
Subtotal, Non-Pay Costs	365,697	363,244	(2,453)	-0.7%
Total Budget Authority by Object	\$716,159	\$716,159	0	0.0%

MANAGEMENT FUND DETAIL OF POSITIONS

GRADE	FY 2017 Final	FY 2018 Annualized CR	FY 2019 President's Budget
Total, ES Positions	2	3	3
Total, ES Salary	\$372,100	\$571,883	\$574,629
GM/GS-15	115	119	119
GM/GS-14	309	338	338
GM/GS-13	403	437	437
GS-12	497	523	523
GS-11	495	532	532
GS-10	30	30	30
GS-9	155	165	165
GS-8	112	120	120
GS-7	222	246	246
GS-6	46	46	46
GS-5	26	31	31
GS-4	15	15	15
GS-3	11	11	11
GS-2	8	8	8
GS-1	1	1	1
Subtotal	2,445	2,622	2,622
Grades established by Act of July 1, 1944 (42 U.S.C. 207):			
Assistant Surgeon General	0	0	0
Director Grade	15	15	15
Senior Grade	20	20	20
Full Grade	21	21	21
Senior Assistant Grade	18	18	18
Assistant Grade	1	1	1
Subtotal	75	75	75
Ungraded	441	447	447
Total permanent positions	2,343	2,630	2,631
Total positions, end of year	2,993	3,147	3,147
Total full-time equivalent (FTE) employment, end of year	2,800	2,799	2,799
Average ES salary	186,050	190,628	191,543
Average GM/GS grade	10.2	11.2	11.2
Average GM/GS salary	95,449	97,021	97,565

SERVICE AND SUPPLY FUND GENERAL STATEMENT

General Statement

The NIH Service and Supply Fund (SSF) was established on July 3, 1945, under 42 U.S.C. 231. The SSF was created to finance a variety of centralized research support services and administrative activities that are required for the efficient and effective operation of all NIH programs and facilities. The SSF provides a single means for consolidating the financing and accounting of business-type operations, including the sales of services and commodities to customers. The services provided through the SSF include mainframe computing, enterprise IT software planning and development, facilities engineering, planning, and design, facility use and maintenance including leased buildings, printing, telecommunications, procurement, shipping and receiving, motor pool, research animals, fabrication and maintenance of scientific equipment, utilities and plant maintenance, finance and accounting operations, government-wide contracting for IT, biomedical engineering, security, consolidated human resources, collaborative computer science research and other administrative support services.

SERVICE AND SUPPLY FUND BUDGET AUTHORITY BY ACTIVITY

Budget Authority by Activity
(Dollars in thousands)

	FY 2017 Final		FY 2018 Annualized CR		FY 2019 President's Budget		Change	
	<u>FTEs</u>	<u>Amount</u>	<u>FTEs</u>	<u>Amount</u>	<u>FTEs</u>	<u>Amount</u>	<u>FTEs</u>	<u>Amount</u>
<u>Detail:</u>								
Research Support and Administrative	829	\$964,058	841	\$998,764	841	\$998,764	0	\$0
Office of Research Facilities Development & Operations	714	566,830	707	587,236	707	587,236	0	0
Information Technology	252	365,195	257	378,342	257	378,342	0	0
Clinical Center	1	134	1	139	1	139	0	0
TOTAL	1,796	\$1,896,217	1,806	\$1,964,481	1,806	\$1,964,481	0	\$0

SERVICE AND SUPPLY FUND BUDGET AUTHORITY BY OBJECT

(Dollars in Thousands)

	FY 2018 Annualized CR	FY 2019 President's Budget	Increase or Decrease	Percent Change
Total compensable workyears:				
Full-time employment	1,806	1,806	0.0	0.0%
Full-time equivalent of overtime and holiday hours	0	0	0	0.0%
Average ES salary	\$183	\$184	\$1	0.5%
Average GM/GS grade	11.8	11.8	0.0	0.0%
Average GM/GS salary	\$103	\$103	\$0	0.0%
Average salary, grade established by act of July 1, 1944 (42 U.S.C. 207)	\$107	\$108	\$1	0.9%
Average salary of ungraded positions	130	131	1	0.8%
OBJECT CLASSES	FY 2018 Enacted	FY 2019 Estimate	Increase or Decrease	Percent Change
Personnel Compensation:				
11.1 Full-time permanent	\$194,336	\$195,269	\$933	0.5%
11.3 Other than full-time permanent	9,404	9,449	45	0.5%
11.5 Other personnel compensation	10,362	10,411	49	0.5%
11.7 Military personnel	2,282	2,330	48	2.1%
11.8 Special personnel services payments	56	57	1	1.8%
Total, Personnel Compensation	216,440	217,516	1,076	0.5%
12.0 Personnel benefits	72,097	72,984	887	1.2%
12.2 Military personnel benefits	1,126	1,150	24	2.1%
13.0 Benefits for former personnel	1,160	1,172	12	1.0%
Subtotal, Pay Costs	290,823	292,822	1,999	0.7%
21.0 Travel and transportation of persons	943	943	0	0.0%
22.0 Transportation of things	1,059	1,059	0	0.0%
23.1 Rental payments to GSA	58,855	58,855	0	0.0%
23.2 Rental payments to others	86,272	86,272	0	0.0%
23.3 Communications, utilities and miscellaneous charges	128,999	128,999	0	0.0%
24.0 Printing and reproduction	2	2	0	0.0%
25.1 Consulting services	10,235	10,235	0	0.0%
25.2 Other services	468,301	467,302	(999)	-0.2%
25.3 Purchase of goods and services from government accounts	507,925	506,925	(1,000)	-0.2%
25.4 Operation and maintenance of facilities	151,526	151,526	0	0.0%
25.5 Research and development contracts	240	240	0	0.0%
25.6 Medical care	759	759	0	0.0%
25.7 Operation and maintenance of equipment	146,149	146,149	0	0.0%
25.8 Subsistence and support of persons	2,617	2,617	0	0.0%
25.0 Subtotal, Other Contractual Services	1,287,752	1,285,753	(1,999)	-0.2%
26.0 Supplies and materials	77,685	77,685	0	0.0%
31.0 Equipment	31,992	31,992	0	0.0%
32.0 Land and structures	0	0	0	-
33.0 Investments and loans	0	0	0	-
41.0 Grants, subsidies and contributions	0	0	0	-
42.0 Insurance claims and indemnities	2	2	0	0.0%
43.0 Interest and dividends	96	96	0	0.0%
44.0 Refunds	0	0	0	-
Subtotal, Non-Pay Costs	1,673,657	1,671,658	(1,999)	-0.1%
Total Budget Authority by Object	\$1,964,481	\$1,964,481	0	0.0%

SERVICE AND SUPPLY FUND DETAIL OF POSITIONS

GRADE	FY 2017 Final	FY 2018 Annualized CR	FY 2019 President's Budget
Total, ES Positions	6	7	7
Total, ES Salary	\$1,091,240	\$1,278,731	\$1,287,039
GM/GS-15	87	90	91
GM/GS-14	270	271	273
GM/GS-13	516	525	526
GS-12	262	266	267
GS-11	114	114	114
GS-10	2	2	2
GS-9	79	83	83
GS-8	25	25	25
GS-7	71	67	67
GS-6	11	11	11
GS-5	17	17	17
GS-4	10	10	10
GS-3	14	14	14
GS-2	8	8	8
GS-1	12	15	15
Subtotal	1,498	1,518	1,523
Grades established by Act of July 1, 1944 (42 U.S.C. 207):			
Assistant Surgeon General	0	0	0
Director Grade	5	5	5
Senior Grade	2	2	2
Full Grade	6	6	6
Senior Assistant Grade	1	1	1
Assistant Grade	0	0	0
Subtotal	14	14	14
Ungraded	326	336	336
Total permanent positions	1,741	1,743	1,743
Total positions, end of year	1,843	1,875	1,880
Total full-time equivalent (FTE) employment, end of year	1,796	1,806	1,806
Average ES salary	181,873	182,676	183,863
Average GM/GS grade	11.8	11.8	11.8
Average GM/GS salary	102,044	102,724	103,107