

BUDGET REQUEST BY IC (SUMMARY TABLE)

(Dollars in Thousands) ¹	FY 2021 Final ^{5,6}	FY 2022 CR ⁶	FY 2023 President's Budget ⁶
NCI.....	\$6,539,696	\$6,559,852	\$6,713,851
NHLBI.....	\$3,653,700	\$3,664,811	\$3,822,961
NIDCR.....	\$483,387	\$484,867	\$513,191
NIDDK ²	\$2,275,530	\$2,273,425	\$2,347,530
NINDS.....	\$2,503,517	\$2,513,393	\$2,768,043
NIAID.....	\$6,048,849	\$6,069,619	\$6,268,313
NIGMS ³	\$2,986,253	\$2,991,417	\$3,097,557
NICHD.....	\$1,588,197	\$1,590,337	\$1,674,941
NEI.....	\$833,012	\$835,714	\$853,355
NIEHS ⁴	\$893,722	\$896,175	\$1,015,091
NIA.....	\$3,888,220	\$3,899,227	\$4,011,413
NIAMS.....	\$632,382	\$634,292	\$676,254
NIDCD.....	\$496,578	\$498,076	\$508,704
NIMH.....	\$2,099,736	\$2,103,708	\$2,210,828
NIDA.....	\$1,475,867	\$1,479,660	\$1,843,326
NIAAA.....	\$553,216	\$554,923	\$566,725
NINR.....	\$174,411	\$174,957	\$198,670
NHGRI.....	\$614,163	\$615,780	\$629,154
NIBIB.....	\$409,493	\$410,728	\$419,493
NIMHD.....	\$390,413	\$390,865	\$659,817
NCCIH.....	\$153,616	\$154,162	\$183,368
NCATS.....	\$852,853	\$855,421	\$873,654
FIC.....	\$83,761	\$84,044	\$95,801
NLM.....	\$460,746	\$463,787	\$471,998
OD.....	\$2,521,605	\$2,519,401	\$2,728,665
ARPA-H.....	---	---	\$5,000,000
Pandemic preparedness.....	---	---	\$12,050,000
B&F.....	\$199,400	\$200,000	\$300,000
Total, NIH Program Level.....	\$42,812,323	\$42,918,641	\$62,502,703
Special Type 1 Diabetes Research (mandatory).....	-\$150,000	-\$141,450	-\$141,450
Pandemic preparedness (mandatory).....	---	---	-\$12,050,000
PHS Program Evaluation.....	-\$1,271,505	-\$1,271,505	-\$1,271,505
Interior Appropriation (Superfund Research).....	-\$81,500	-\$81,500	-\$83,035
Total, NIH Labor/HHS Budget Authority.....	\$41,309,318	\$41,424,186	\$48,956,713

¹ Includes funding derived by transfer from the NIH Innovation Account under the 21st Century Cures Act.

² Includes Type 1 Diabetes mandatory funding as shown later in the table.

³ Includes Program Evaluation financing as shown later in the table.

⁴ Includes Interior Appropriation for Superfund Research activities as shown later in the table.

⁵ Amounts for FY 2021 reflect HIV/AIDS transfers across ICs under the authority of the Office of AIDS Research.

⁶ Reflects directive transfer of \$5.0 million from OD to the HHS Office of Inspector General.

APPROPRIATIONS ADJUSTMENT TABLE FOR FY 2021

(Dollars in Thousands)	FY 2021 Enacted	Permissive Transfer (NIH Innovation Account) ³	OIG Transfer ⁴	Secretary's Transfer	HIV/AIDS Transfer ⁵	FY 2021 Final
NCI.....	\$6,364,852	\$195,000		-\$19,109	-\$1,047	\$6,539,696
NHLBI.....	\$3,664,811			-\$11,003	-\$108	\$3,653,700
NIDCR.....	\$484,867			-\$1,456	-\$24	\$483,387
NIDDK ¹	\$2,281,975			-\$6,401	-\$44	\$2,275,530
NINDS.....	\$2,463,393	\$50,000		-\$7,396	-\$2,480	\$2,503,517
NIAID.....	\$6,069,619			-\$18,222	-\$2,548	\$6,048,849
NIGMS.....	\$2,991,417			-\$5,164		\$2,986,253
NICHD.....	\$1,590,337			-\$4,775	\$2,635	\$1,588,197
NEI.....	\$835,714			-\$2,509	-\$193	\$833,012
NIEHS ²	\$896,175			-\$2,446	-\$7	\$893,722
NIA.....	\$3,899,227			-\$11,706	\$699	\$3,888,220
NIAMS.....	\$634,292			-\$1,904	-\$6	\$632,382
NIDCD.....	\$498,076			-\$1,495	-\$3	\$496,578
NIMH.....	\$2,053,708	\$50,000		-\$6,166	\$2,194	\$2,099,736
NIDA.....	\$1,479,660			-\$4,442	\$649	\$1,475,867
NIAAA.....	\$554,923			-\$1,666	-\$41	\$553,216
NINR.....	\$174,957			-\$525	-\$21	\$174,411
NHGRI.....	\$615,780			-\$1,849	\$232	\$614,163
NIBIB.....	\$410,728			-\$1,233	-\$2	\$409,493
NIMHD.....	\$390,865			-\$1,173	\$721	\$390,413
NCCIH.....	\$154,162			-\$463	-\$83	\$153,616
NCATS.....	\$855,421			-\$2,568		\$852,853
FIC.....	\$84,044			-\$252	-\$31	\$83,761
NLM.....	\$463,787			-\$1,392	-\$1,649	\$460,746
OD.....	\$2,827,710	-\$295,000	-\$5,000	-\$7,262	\$1,157	\$2,521,605
B&F.....	\$200,000			-\$600		\$199,400
Total, NIH Program Level.....	\$42,940,500	\$0	-\$5,000	-\$123,177	\$0	\$42,812,323
Less funds allocated from different sources:						
Mandatory Type 1 Diabetes Research.....	-\$150,000					-\$150,000
PHS Program Evaluation.....	-\$1,271,505					-\$1,271,505
Total, NIH Discretionary Budget Authority...	\$41,518,995	\$0	-\$5,000	-\$123,177	\$0	\$41,390,818
Interior Budget Authority.....	-\$81,500					-\$81,500
Total, NIH Labor/HHS Budget Authority.....	\$41,437,495	\$0	-\$5,000	-\$123,177	\$0	\$41,309,318

¹Includes Type 1 Diabetes.

²Includes Superfund Research activity.

³Reflects redistribution of NIH Innovation account for the 21st Century Cures Act.

⁴Reflects directive transfer of \$5.0 million from OD to the HHS Office of Inspector General.

⁵Reflects HIV/AIDS transfers across ICs under the authority of the Office of AIDS Research.

APPROPRIATIONS ADJUSTMENT TABLE FOR FY 2022

(Dollars in Thousands)	FY 2022 Continuing Resolution (CR) ³	Type 1 Diabetes Sequestration	Gabriella Miller Fund Limitation ⁴	Permissive Transfer (NIH Innovation Account) ⁵	OIG Transfer ⁶	HIV/AIDS Transfer	FY 2022 CR Operating Level
NCL.....	\$6,364,852			\$195,000			\$6,559,852
NHLBI.....	\$3,664,811						\$3,664,811
NIDCR.....	\$484,867						\$484,867
NIDDK ¹	\$2,281,975	-8,550					\$2,273,425
NINDS.....	\$2,463,393			\$50,000			\$2,513,393
NIAID.....	\$6,069,619						\$6,069,619
NIGMS.....	\$2,991,417						\$2,991,417
NICHD.....	\$1,590,337						\$1,590,337
NEL.....	\$835,714						\$835,714
NIEHS ²	\$896,175						\$896,175
NIA.....	\$3,899,227						\$3,899,227
NIAMS.....	\$634,292						\$634,292
NIDCD.....	\$498,076						\$498,076
NIMH.....	\$2,053,708			\$50,000			\$2,103,708
NIDA.....	\$1,479,660						\$1,479,660
NIAAA.....	\$554,923						\$554,923
NINR.....	\$174,957						\$174,957
NHGRI.....	\$615,780						\$615,780
NIBIB.....	\$410,728						\$410,728
NIMHD.....	\$390,865						\$390,865
NCCIH.....	\$154,162						\$154,162
NCATS.....	\$855,421						\$855,421
FIC.....	\$84,044						\$84,044
NLM.....	\$463,787						\$463,787
OD.....	\$2,827,710		-8,309	-\$295,000	-\$5,000		\$2,519,401
B&F.....	\$200,000						\$200,000
Total, NIH Program Level.....	\$42,940,500	-\$8,550	-\$8,309	\$0	-\$5,000	\$0	\$42,918,641
Less funds allocated from different sources:							
Mandatory Type 1 Diabetes Research.....	-\$150,000	\$8,550					-\$141,450
PHS Program Evaluation.....	-\$1,271,505						-\$1,271,505
Total, NIH Discretionary Budget Authority...	\$41,518,995	\$0	-\$8,309	\$0	-\$5,000	\$0	\$41,505,686
Interior Budget Authority.....	-\$81,500						-\$81,500
Total, NIH Labor/HHS Budget Authority.....	\$41,437,495	\$0	-\$8,309	\$0	-\$5,000	\$0	\$41,424,186

¹Includes Type 1 Diabetes.

²Includes Superfund Research activity.

³Reflects annualized level from the FY 2022 CR.

⁴Reflects reduction in appropriation from the 10-Year Pediatric Research Initiative Fund as limited by fund balances.

⁵Reflects redistribution of NIH Innovation account for the 21st Century Cures Act.

⁶Reflects directive transfer of \$5.0 million from OD to the HHS Office of Inspector General.

BUDGET MECHANISM TABLE

Budget Mechanism - Total^{1,2,3}

(Dollars in Thousands) ^{1,2,3}	FY 2021 Final ^{8,9}		FY 2022 Continuing Resolution (CR) ^{9,10}		FY 2023 President's Budget ⁹		FY 2023 +/- FY 2022 CR	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Research Projects:								
Noncompeting	28,492	\$15,937,228	29,502	\$17,090,998	29,301	\$17,543,339	-201	\$452,341
Administrative Supplements ³	(2,912)	483,523	(2,326)	331,645	(2,285)	356,660	(-41)	25,015
Competing	11,258	\$6,748,930	9,806	\$5,603,786	11,878	\$6,804,460	2,072	\$1,200,674
Subtotal, RPGs	39,750	\$23,169,681	39,308	\$23,026,429	41,179	\$24,704,459	1,871	\$1,678,030
SBIR/STTR	1,863	1,176,827	1,837	1,158,777	1,950	1,228,333	113	69,556
Research Project Grants	41,613	\$24,346,508	41,145	\$24,185,206	43,129	\$25,932,792	1,984	\$1,747,585
Research Centers:								
Specialized/Comprehensive	1,024	\$2,034,952	1,047	\$2,047,849	1,122	\$2,173,695	75	\$125,846
Clinical Research	71	421,204	68	418,049	53	313,820	-15	-104,230
Biotechnology	61	92,492	59	89,489	60	92,791	1	3,302
Comparative Medicine	48	143,583	48	140,554	47	138,903	-1	-1,651
Research Centers in Minority Institutions	21	78,151	21	78,241	25	86,489	4	8,248
Research Centers	1,225	\$2,770,381	1,243	\$2,774,182	1,307	\$2,805,697	64	\$31,515
Other Research:								
Research Careers	4,684	\$880,798	4,736	\$903,266	4,851	\$923,027	115	\$19,762
Cancer Education	68	17,633	25	17,650	30	21,439	5	3,789
Cooperative Clinical Research	249	487,472	244	447,241	279	483,142	35	35,901
Biomedical Research Support	138	103,688	113	88,872	118	91,872	5	3,000
Minority Biomedical Research Support	282	95,012	263	82,094	137	50,957	-126	-31,137
Other	2,183	1,356,525	2,309	1,340,933	2,329	1,345,505	20	4,572
Other Research	7,604	\$2,941,127	7,690	\$2,880,055	7,744	\$2,915,942	54	\$35,887
Total Research Grants	50,442	\$30,058,017	50,078	\$29,839,444	52,180	\$31,654,431	2,102	\$1,814,987
Ruth L Kirchstein Training Awards:	FTTPs		FTTPs		FTTPs		FTTPs	
Individual Awards	4,196	\$200,745	4,238	\$207,387	4,264	\$212,933	26	\$5,546
Institutional Awards	12,792	725,697	13,570	776,198	13,845	819,746	275	43,548
Total Research Training	16,988	\$926,442	17,808	\$983,585	18,109	\$1,032,679	301	\$49,094
Research & Develop. Contracts <i>(SBIR/STTR) (non-add)³</i>	2,427 <i>(103)</i>	\$3,355,475 <i>(60,525)</i>	2,450 <i>(102)</i>	\$3,420,727 <i>(58,412)</i>	2,576 <i>(101)</i>	\$3,568,852 <i>(62,482)</i>	126 <i>(-1)</i>	\$148,125 <i>(4,070)</i>
Intramural Research		\$4,538,642		\$4,638,391		\$4,763,453		\$125,062
Res. Management & Support <i>Res. Management & Support (SBIR Admin) (non-add)³</i>		2,049,666 <i>(7,493)</i>		2,145,807 <i>(10,362)</i>		2,255,892 <i>(10,467)</i>		110,084 <i>(105)</i>
Office of the Director - Appropriation ^{3,4}		(2,521,605)		(2,519,401)		(2,728,665)		(209,264)
Office of the Director - Other		1,573,180		1,579,186		1,764,361		185,174
ORIP (non-add) ^{3,4}		(299,885)		(299,985)		(305,765)		(5,781)
Common Fund (non-add) ^{3,4}		(648,539)		(640,230)		(658,539)		(18,309)
ARPA-H		0		0		5,000,000		5,000,000
Buildings and Facilities ⁵ <i>Appropriation³</i>		229,400 <i>(199,400)</i>		230,000 <i>(200,000)</i>		330,000 <i>(300,000)</i>		100,000 <i>(100,000)</i>
Type 1 Diabetes ^{6,7}		-150,000		-141,450		-141,450		0
Program Evaluation Financing ⁶		-1,271,505		-1,271,505		-1,271,505		0
Subtotal, Labor/HHS Budget Authority		\$41,309,318		\$41,424,186		\$48,956,713		\$7,532,527
Interior Appropriation for Superfund Research		81,500		81,500		83,035		1,535
Total, NIH Discretionary Budget Authority		\$41,390,818		\$41,505,686		\$49,039,748		\$7,534,062
Type 1 Diabetes ⁷		150,000		141,450		141,450		0
Pandemic preparedness		0		0		12,050,000		12,050,000
Total, NIH Budget Authority		\$41,540,818		\$41,647,136		\$61,231,198		\$19,584,062
Program Evaluation Financing		1,271,505		1,271,505		1,271,505		0
Total, Program Level		\$42,812,323		\$42,918,641		\$62,502,703		\$19,584,062

1 All Subtotal and Total numbers may not add due to rounding.
2 Includes 21st Century Cures Act funding and excludes supplemental financing.
3 All numbers in italics and brackets are non-add.
4 Number of grants and dollars for the Common Fund and ORIP components of OD are distributed by mechanism and are noted here as non-adds. Office of the Director - Appropriation is the non-add total of these amounts and the funds accounted for under OD - Other.
5 Includes B&F appropriation and monies allocated pursuant to appropriations acts provisions such that funding may be used for facilities repairs and improvements at the NCI Federally Funded Research and Development Center in Frederick, Maryland.
6 Number of grants and dollars for mandatory Type 1 Diabetes (T1D) and NIGMS Program Evaluation financing are distributed by mechanism above; therefore, T1D and Program Evaluation financing amounts are deducted to provide subtotals for Labor/HHS Budget Authority.
7 Amounts in FY 2022 and FY 2023 reflect a reduction of \$8.550 million for Budget Control Act sequestration.
8 Reduced by a Secretary's Transfer of \$123,177 million.
9 Reduced by a transfer of \$5.0 million from OD to the HHS Office of Inspector General.
10 Reflects the annualized amounts provided in the continuing resolution ending 3/11/2022.

BUDGET AUTHORITY BY OBJECT CLASS

NATIONAL INSTITUTES OF HEALTH
FY 2023 Budget Authority by Object Class
Including Mandatory Type I Diabetes & Pandemic Preparedness Funds¹

(Dollars in Thousands)¹

Object Classes	FY 2022 Continuing Resolution (CR)	FY 2023 President's Budget	FY 2023 +/- FY 2022 CR
<u>Personnel Compensation</u>			
Full-Time Permanent (11.1)	\$1,220,114	\$1,313,177	\$93,063
Other Than Full-Time Permanent (11.3)	611,161	646,377	35,216
Other Personnel Compensation (11.5)	74,326	78,166	3,840
Military Personnel (11.7)	14,381	15,372	991
Special Personnel Services Payments (11.8)	223,579	234,601	11,022
Subtotal Personnel Compensation (11.9)	\$2,143,561	\$2,287,693	\$144,132
Civilian Personnel Benefits (12.1)	723,687	770,837	47,150
Military Personnel Benefits (12.2)	11,861	12,724	864
Benefits to Former Personnel (13.0)	0	0	0
Total Pay Costs	\$2,879,108	\$3,071,254	\$192,146
Travel & Transportation of Persons (21.0)	9,545	11,163	1,618
Transportation of Things (22.0)	7,696	7,704	7
Rental Payments to GSA (23.1)	31,613	30,181	-1,432
Rental Payments to Others (23.2)	256	258	1
Communications, Utilities & Misc. Charges (23.3)	12,092	12,095	3
Printing & Reproduction (24.0)	183	183	1
Consultant Services (25.1)	1,383,781	1,425,969	42,188
Other Services (25.2)	1,500,775	1,562,081	61,306
Purchase of goods and services from government accounts (25.3)	3,046,422	3,146,345	99,923
Operation & Maintenance of Facilities (25.4)	46,026	46,193	167
R&D Contracts (25.5)	1,553,027	13,706,894	12,153,868
Medical Care (25.6)	38,966	40,080	1,113
Operation & Maintenance of Equipment (25.7)	174,116	179,755	5,639
Subsistence & Support of Persons (25.8)	8	8	0
Subtotal Other Contractual Services (25.0)	\$7,743,122	\$20,107,326	\$12,364,204
Supplies & Materials (26.0)	247,524	252,029	4,505
Equipment (31.0)	224,396	232,140	7,744
Land and Structures (32.0)	120,484	217,725	97,241
Investments & Loans (33.0)	0	0	0
Grants, Subsidies & Contributions (41.0)	30,289,579	37,206,068	6,916,489
Insurance Claims & Indemnities (42.0)	0	0	0
Interest & Dividends (43.0)	38	38	0
Refunds (44.0)	0	0	0
Subtotal Non-Pay Costs	\$38,686,527	\$58,076,909	\$19,390,382
Total Budget Authority	\$41,565,636	\$61,148,163	\$19,582,527

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

BUDGET AUTHORITY BY OBJECT CLASS INCLUDING SSF AND MF

NATIONAL INSTITUTES OF HEALTH

FY 2023 Budget Authority by Object Class Including Service and Supply Fund and Management Fund¹

(Dollars in Thousands)¹

Object Classes	FY 2022 Continuing Resolution (CR)	FY 2023 President's Budget	FY 2023 +/- FY 2022 CR
Personnel Compensation			
Full-Time Permanent (11.1)	\$1,676,397	\$1,786,534	\$110,137
Other Than Full-Time Permanent (11.3)	662,355	699,486	37,131
Other Personnel Compensation (11.5)	118,535	124,030	5,494
Military Personnel (11.7)	24,633	26,008	1,375
Special Personnel Services Payments (11.8)	231,497	242,815	11,319
Subtotal Personnel Compensation (11.9)	\$2,713,417	\$2,878,873	\$165,456
Civilian Personnel Benefits (12.1)	922,703	976,665	53,962
Military Personnel Benefits (12.2)	18,537	19,650	1,114
Benefits to Former Personnel (13.0)	1,624	1,624	0
Total Pay Costs	\$3,656,280	\$3,876,813	\$220,533
Travel & Transportation of Persons (21.0)	12,234	13,886	1,652
Transportation of Things (22.0)	9,181	9,203	22
Rental Payments to GSA (23.1)	100,094	99,826	-268
Rental Payments to Others (23.2)	64,372	65,462	1,090
Communications, Utilities & Misc. Charges (23.3)	108,954	110,572	1,618
Printing & Reproduction (24.0)	194	192	-1
Consultant Services (25.1)	679,152	706,354	27,202
Other Services (25.2)	2,892,181	2,977,430	85,249
Purchase of goods and services from government accounts (25.3)	673,263	723,966	50,702
Operation & Maintenance of Facilities (25.4)	166,419	168,393	1,974
R&D Contracts (25.5)	1,563,254	13,717,288	12,154,034
Medical Care (25.6)	57,041	58,196	1,155
Operation & Maintenance of Equipment (25.7)	409,913	419,131	9,219
Subsistence & Support of Persons (25.8)	11	11	0
Subtotal Other Contractual Services (25.0)	\$6,441,234	\$18,770,771	\$12,329,536
Supplies & Materials (26.0)	444,565	450,218	5,653
Equipment (31.0)	288,014	296,494	8,480
Land and Structures (32.0)	150,824	248,546	97,722
Investments & Loans (33.0)	0	0	0
Grants, Subsidies & Contributions (41.0)	30,289,584	37,206,074	6,916,489
Insurance Claims & Indemnities (42.0)	3	3	0
Interest & Dividends (43.0)	102	103	1
Refunds (44.0)	0	0	0
Subtotal Non-Pay Costs	\$37,909,355	\$57,271,350	\$19,361,995
Total Budget Authority	\$41,565,636	\$61,148,163	\$19,582,527

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

SALARIES AND EXPENSES

FY 2023 Budget Authority by Object Class Including Type I Diabetes Funds¹
Salaries and Expenses / Administrative Expenses

(Dollars in Thousands)¹

Object Classes	FY 2022 Continuing Resolution (CR)	FY 2023 President's Budget	FY 2023 +/- FY 2022 CR
<u>Personnel Compensation</u>			
Full-Time Permanent (11.1)	\$1,220,114	\$1,313,177	\$93,063
Other Than Full-Time Permanent (11.3)	611,161	646,377	35,216
Other Personnel Compensation (11.5)	74,326	78,166	3,840
Military Personnel (11.7)	14,381	15,372	991
Special Personnel Services Payments (11.8)	223,579	234,601	11,022
Subtotal Personnel Compensation (11.9)	\$2,143,561	\$2,287,693	\$144,132
Civilian Personnel Benefits (12.1)	723,687	770,837	47,150
Military Personnel Benefits (12.2)	11,861	12,724	864
Benefits to Former Personnel (13.0)	0	0	0
Total Pay Costs	\$2,879,108	\$3,071,254	\$192,146
Travel & Transportation of Persons (21.0)	9,545	11,163	1,618
Transportation of Things (22.0)	7,696	7,704	7
Rental Payments to Others (23.2)	256	258	1
Communications, Utilities & Misc. Charges (23.3)	12,092	12,095	3
Printing & Reproduction (24.0)	183	183	1
<u>Other Contractual Services:</u>			
Consultant Services (25.1) ²	1,256,983	1,279,698	22,715
Other Services (25.2)	1,500,775	1,562,081	61,306
Purchase of goods and services from government accounts (25.3) ²	2,017,372	2,076,374	59,002
Operation & Maintenance of Facilities (25.4) ²	46,026	46,193	167
Operation & Maintenance of Equipment (25.7)	174,116	179,755	5,639
Subsistence & Support of Persons (25.8)	8	8	0
Subtotal Other Contractual Services	\$4,995,281	\$5,144,110	\$148,829
Supplies & Materials (26.0)	247,524	252,029	4,505
Subtotal Non-Pay Costs	\$5,242,577	\$5,397,541	\$154,964
Total Salaries and Expense / Administrative Costs	\$8,121,686	\$8,452,795	\$331,110

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

² 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 (FTE) EMPLOYMENT

Institutes and Centers	FY 2021 Actual	FY 2022 Estimate	FY 2023 Estimate
NCI.....	3,097	3,245	3,320
NHLBI.....	863	966	966
NIDCR.....	241	252	252
NIDDK.....	666	691	706
NINDS.....	554	607	632
NIAID.....	2,078	2,180	2,180
NIGMS.....	180	184	209
NICHD.....	535	591	602
NEI.....	285	290	290
NIEHS.....	642	672	685
NIA.....	483	520	600
NIAMS.....	229	238	242
NIDCD.....	134	140	140
NIMH.....	567	589	589
NIDA.....	389	398	398
NIAAA.....	215	238	238
NINR.....	83	111	111
NHGRI.....	347	375	385
NIBIB.....	97	124	129
FIC.....	58	61	61
NIMHD.....	68	140	210
NCCIH.....	78	90	100
NCATS.....	237	277	298
NLM.....	659	741	741
OD.....	968	1,087	1,162
ARPA-H.....	---	---	75
Central Services:			
OD - CS.....	823	851	870
CC.....	1,949	2,035	2,035
CSR.....	422	450	464
CIT.....	227	247	247
ORS.....	507	537	539
ORF.....	731	752	830
Subtotal Central Services¹.....	4,659	4,872	4,985
<i>PHS Trust Fund (non-add)².....</i>	<i>4</i>	<i>4</i>	<i>4</i>
<i>CRADA (non-add)³.....</i>	<i>8</i>	<i>8</i>	<i>8</i>
Total.....	18,412	19,679	20,306

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

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.

PROGRAMS PROPOSED FOR ELIMINATION

The FY 2023 request for the National Institutes of Health does not propose any programs for elimination.

PHYSICIAN’S COMPARABILITY ALLOWANCE WORKSHEET

		FY 2020 Actual	FY 2021 Actual	FY 2022 Estimate ¹	FY 2023 Estimate
1) Number of Physicians Receiving PCAs		100	107	107	107
2) Number of Physicians with One-Year PCA		7	6	6	6
3) Number of Physicians with Multi-Year PCA		93	101	101	101
4) Average Annual Physician Pay (without PCA payment)		\$164,720	\$169,099	\$168,154	\$175,090
5) Average Annual PCA Payment		\$23,225	\$21,292	\$22,126	\$23,039
6) Number of Physicians Receiving PCAs by Category (non-add)	Category I Clinical Position				
	Category II Research Position	100	106	106	106
	Category III Occupational Health				
	Category IV-A Disability Evaluation				
	Category IV-B Health and Medical Admin.	0	1	1	1

7) If applicable, list and explain the necessity of any additional physician categories designated by your agency (for categories other than I through IV-B). Provide the number of PCA agreements per additional category for the PY, CY and BY.

N/A

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 \$4,000 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 2021, there were a total of 107 PCA recipients across NIH. In FY 2021 and beyond, as indicated by the minimal increase in recipients to-date relative to the prior year, the critical need continues to exist for highly qualified, specialized physicians to support the NIH mission. NIH still requires compensation flexibilities such as PCA to attract and retain qualified physicians.

11) Provide any additional information that may be useful in planning PCA staffing levels and amounts in your agency.

N/A

¹ FY 2022 data will be approved during the FY 2023 Budget cycle.

HISTORY OF OBLIGATIONS BY IC

(Dollars in Thousands)	FY 2013	FY 2014	FY 2015 ¹	FY 2016 ¹	FY 2017 ^{1,6}	FY 2018 ^{1,6,7}	FY 2019 ^{1,6,8}	FY 2020 ^{1,6,9}	FY 2021 ^{1,6,10}	FY 2022 ^{1,6,11} CR	FY 2023 ^{1,6,12,13} President's Budget
NCL.....	\$4,789,014	\$4,932,368	\$4,944,593	\$5,206,169	\$5,636,393	\$5,948,569	\$5,993,599	\$6,418,988	\$6,558,695	\$6,744,958	\$6,713,851
NHLBI.....	\$2,903,768	\$2,988,415	\$2,995,546	\$3,109,062	\$3,209,843	\$3,374,154	\$3,482,237	\$3,624,863	\$3,653,569	\$3,664,811	\$3,822,961
NIDCR.....	\$387,309	\$397,833	\$397,672	\$412,788	\$424,782	\$446,656	\$460,613	\$477,644	\$483,360	\$484,867	\$513,191
NIDDK ²	\$1,837,027	\$1,884,377	\$1,899,088	\$1,963,738	\$2,009,448	\$1,989,700	\$2,099,265	\$2,220,977	\$2,229,148	\$2,564,781	\$2,347,530
NINDS.....	\$1,533,793	\$1,588,899	\$1,604,581	\$1,692,830	\$1,778,684	\$1,949,067	\$2,413,897	\$2,443,099	\$2,490,566	\$2,534,496	\$2,768,043
NIAID.....	\$4,235,094	\$4,401,185	\$4,417,529	\$4,749,884	\$4,905,708	\$5,262,398	\$5,567,138	\$5,880,084	\$6,049,416	\$6,069,619	\$6,268,313
NIGMS ³	\$2,293,044	\$2,366,429	\$2,372,199	\$2,508,868	\$2,646,059	\$2,780,954	\$2,821,806	\$2,937,142	\$2,986,188	\$2,991,417	\$3,097,557
NICHD.....	\$1,246,140	\$1,283,314	\$1,286,797	\$1,338,280	\$1,376,541	\$1,449,613	\$1,508,603	\$1,556,841	\$1,588,125	\$1,590,337	\$1,674,941
NEL.....	\$657,055	\$675,551	\$676,726	\$707,002	\$731,203	\$770,483	\$793,767	\$823,310	\$832,967	\$835,714	\$853,355
NIEHS ⁴	\$721,331	\$743,002	\$745,533	\$769,730	\$789,860	\$826,646	\$850,793	\$883,808	\$893,521	\$896,175	\$1,015,091
NIA.....	\$1,040,565	\$1,171,656	\$1,197,459	\$1,596,005	\$2,048,792	\$2,571,438	\$3,080,043	\$3,545,814	\$3,888,190	\$3,899,227	\$4,011,413
NIAMS.....	\$505,206	\$520,314	\$521,480	\$540,874	\$556,568	\$585,240	\$602,907	\$624,832	\$632,353	\$634,292	\$676,254
NIDCD.....	\$392,540	\$404,237	\$405,168	\$422,311	\$435,877	\$458,876	\$472,988	\$490,687	\$496,574	\$498,076	\$508,704
NIMH.....	\$1,396,006	\$1,419,632	\$1,433,603	\$1,516,325	\$1,604,624	\$1,754,423	\$1,869,653	\$2,044,852	\$2,100,178	\$2,106,046	\$2,210,828
NIDA.....	\$993,404	\$1,017,957	\$1,015,695	\$1,048,971	\$1,070,813	\$1,161,149	\$1,621,334	\$1,457,683	\$1,475,805	\$1,479,660	\$1,843,326
NIAAA.....	\$433,247	\$446,282	\$447,152	\$466,713	\$482,449	\$508,398	\$525,282	\$546,691	\$553,201	\$554,923	\$566,725
NINR.....	\$136,516	\$140,553	\$140,837	\$145,701	\$149,930	\$157,633	\$163,165	\$172,342	\$174,407	\$174,957	\$198,670
NHGRI.....	\$483,650	\$498,076	\$498,648	\$512,486	\$528,316	\$556,741	\$575,361	\$604,083	\$614,131	\$615,780	\$629,154
NIBIB.....	\$319,062	\$326,989	\$327,223	\$342,997	\$356,971	\$376,700	\$388,079	\$404,616	\$409,461	\$410,728	\$419,493
NIMHD.....	\$260,671	\$268,439	\$270,480	\$280,264	\$287,640	\$304,372	\$313,195	\$335,799	\$389,453	\$390,865	\$659,817
NCCIH.....	\$120,767	\$124,368	\$124,046	\$129,760	\$134,373	\$141,667	\$145,933	\$151,871	\$153,601	\$154,162	\$183,368
NCATS.....	\$542,598	\$633,571	\$632,629	\$684,366	\$704,248	\$754,080	\$847,430	\$832,856	\$852,792	\$855,421	\$873,654
FIC.....	\$65,627	\$67,575	\$67,576	\$69,996	\$71,813	\$75,534	\$77,894	\$80,811	\$83,752	\$84,044	\$95,801
NLM ⁵	\$325,088	\$334,383	\$336,653	\$393,074	\$406,250	\$424,789	\$441,645	\$456,584	\$460,083	\$463,787	\$471,998
ORIP.....	\$290,042	\$294,486	\$294,662	\$295,783	\$279,130	\$289,205	\$288,096	\$293,970	\$299,884	\$299,985	\$305,765
Common Fund.....	\$513,461	\$531,146	\$545,607	\$675,628	\$695,430	\$600,707	\$619,166	\$639,111	\$648,538	\$640,230	\$658,539
OD - Other.....	\$608,584	\$477,293	\$573,328	\$599,263	\$714,058	\$1,016,632	\$1,185,155	\$1,467,130	\$1,560,407	\$1,655,130	\$1,764,361
B&F.....	\$106,676	\$88,880	\$123,464	\$79,883	\$113,415	\$106,434	\$211,107	\$108,709	\$179,715	\$200,000	\$300,000
Pandemic Preparedness.....	---	---	---	---	---	---	---	---	---	---	\$12,050,000
ARPA-H.....	---	---	---	---	---	---	---	---	---	---	\$5,000,000
Total, NIH Program Level.....	\$29,137,284	\$30,027,205	\$30,295,974	\$32,258,751	\$34,149,217	\$36,642,258	\$39,420,151	\$41,525,195	\$42,738,079	\$43,494,488	\$62,502,703
Less funds allocated from different sources:											
Mandatory - Special type 1 Diabetes Research.....	-\$142,350	-\$139,200	-\$150,000	-\$150,000	-\$139,650	-\$26,292	-\$73,923	-\$105,893	-\$103,778	-\$432,806	-\$141,450
Mandatory - Pandemic Preparedness.....	---	---	---	---	---	---	---	---	---	---	-\$12,050,000
PHS Program Evaluation.....	-\$8,200	-\$8,200	-\$715,000	-\$780,000	-\$824,443	-\$922,871	-\$1,146,821	-\$1,230,821	-\$1,271,505	-\$1,271,505	-\$1,271,505
Total, NIH Discretionary Budget Authority.....	\$28,986,734	\$29,879,805	\$29,430,974	\$31,328,751	\$33,185,124	\$35,693,095	\$38,199,407	\$40,188,481	\$41,362,796	\$41,790,177	\$49,039,748
Interior Budget Authority.....	-\$74,864	-\$77,345	-\$77,349	-\$77,252	-\$77,337	-\$77,342	-\$78,988	-\$80,993	-\$81,488	-\$81,500	-\$83,035
Total, NIH Labor/HHS Budget Authority.....	\$28,911,870	\$29,802,460	\$29,353,625	\$31,251,499	\$33,107,787	\$33,021,788	\$38,120,419	\$40,107,488	\$41,281,308	\$41,708,677	\$48,956,713

¹ Excludes Ebola, Zika and other supplemental funding or transfers.

² Includes Special type 1 Diabetes Research mandatory account funding. Obligations for FY 2021 and prior years can include amounts from carryover.

³ Includes Program Evaluation Financing resources of \$715,000,000 in FY 2015, \$780,000,000 in FY 2016, \$824,443,000 in FY 2017, \$922,871,000 in FY 2018, \$1,146,821,000 in FY 2019, \$1,230,821,000 in FY 2020, and \$1,271,505,000 in each year for FY 2021 through FY 2023.

⁴ Includes Interior Appropriation allocation for Superfund Research activities.

⁵ Includes PHS Program Evaluation financing of \$8,200,000 for years before FY 2015.

⁶ Includes funds under the 21st Century Cures Act.

⁷ Includes obligations of \$60,647,563 of 21st Century Cures carryover from FY 2017.

⁸ Includes obligations of \$429,883,740 of FY 2018 Opioids carryover in various ICs and \$42,852,637 of 21st Century Cures carryover from FY 2017 and FY 2018 in various ICs and \$415,197 of T1D carryover.

⁹ Includes CURES carryover obligations of \$230,278,992

¹⁰ Includes obligations of \$167,738,493 of 21st Century Cures Act funding which was appropriated in FY 2017 through FY 2020, but carried over into FY 2021. Similarly, includes obligations of \$83,955,593 for Special Type 1 Diabetes research program using available funding from FY 2018 through FY 2020, but carried over into FY 2021. Obligations of carryover funding are distributed by mechanism.

¹¹ Includes obligations of \$284,492,124 of 21st Century Cures Act funding which was appropriated in FY 2017 through FY 2021, but carried over into FY 2022. Similarly, includes obligations of \$291,355,777 for Special Type 1 Diabetes research program using available funding from FY 2018 through FY 2021, but carried over into FY 2022.

¹² Amounts represent estimated or requested budget authority as opposed to obligations displayed in historical years.

¹³ The FY 2023 Budget proposes funding for the recently established Advanced Research Projects Agency for Health (ARPA-H) as well as new mandatory funding for pandemic preparedness activities.

HISTORY OF OBLIGATIONS BY TOTAL MECHANISM

(Dollars in Thousands) ¹	FY 2013 Actual	FY 2014 Actual	FY 2015 Actual ⁴	FY 2016 Actual ⁴	FY 2017 Actual ⁴	FY 2018 Actual ^{4,5}	FY 2019 Actual ^{4,6}	FY 2020 Actual ^{4,7}	FY 2021 Actual ^{4,8}	FY 2022 CR ^{4,9}	FY 2023 President's Budget ^{4,10, 11}
Research Project Grants.....	\$15,445,463	\$16,168,246	\$16,441,843	\$17,839,691	\$19,105,304	\$20,756,893	\$22,493,313	\$23,744,187	\$24,308,561	\$24,566,872	\$25,932,792
Research Centers.....	\$2,708,744	\$2,723,203	\$2,663,064	\$2,573,774	\$2,536,308	\$2,581,750	\$2,680,161	\$2,713,731	\$2,761,258	\$2,796,585	\$2,805,697
Other Research.....	\$1,783,481	\$1,846,841	\$1,802,719	\$2,019,736	\$2,181,261	\$2,371,164	\$2,698,036	\$2,753,289	\$2,894,236	\$2,993,161	\$2,915,942
Subtotal, Research Grants.....	\$19,937,688	\$20,738,290	\$20,907,625	\$22,433,201	\$23,822,873	\$25,709,807	\$27,871,510	\$29,211,207	\$29,964,055	\$30,356,618	\$31,654,431
Research Training.....	\$733,524	\$738,429	\$758,017	\$803,869	\$827,397	\$855,844	\$865,305	\$907,010	\$926,485	\$983,585	\$1,032,679
R & D Contracts.....	\$2,927,077	\$2,990,037	\$2,826,971	\$2,913,224	\$3,046,759	\$3,072,406	\$3,124,750	\$3,283,765	\$3,363,105	\$3,472,564	\$3,568,852
Intramural Research.....	\$3,247,193	\$3,373,601	\$3,409,362	\$3,682,831	\$3,780,181	\$3,972,054	\$4,179,250	\$4,462,022	\$4,583,901	\$4,645,140	\$4,763,453
Res. Mgt. & Support.....	\$1,485,575	\$1,527,131	\$1,619,784	\$1,653,230	\$1,747,406	\$1,813,738	\$1,886,087	\$1,974,360	\$2,048,924	\$2,145,895	\$2,255,892
Office of the Director ²	\$608,584	\$477,293	\$573,328	\$599,263	\$701,864	\$1,016,633	\$1,185,155	\$1,467,130	\$1,560,407	\$1,579,186	\$1,764,361
Subtotal.....	\$28,939,641	\$29,844,781	\$30,095,088	\$32,085,618	\$33,928,465	\$36,440,482	\$39,112,057	\$41,305,493	\$42,446,877	\$43,182,988	\$45,039,668
Buildings & Facilities ³	\$114,580	\$96,880	\$123,464	\$95,883	\$143,415	\$124,434	\$229,107	\$138,709	\$209,715	\$230,000	\$330,000
Interior- Superfund.....	\$74,864	\$77,345	\$77,332	\$77,252	\$77,337	\$77,342	\$78,988	\$80,993	\$81,488	\$81,500	\$83,035
ARPA-H.....	---	---	---	---	---	---	---	---	---	---	\$5,000,000
Pandemic Preparedness.....	---	---	---	---	---	---	---	---	---	---	\$12,050,000
Total.....	\$29,129,085	\$30,019,005	\$30,295,884	\$32,258,753	\$34,149,217	\$36,642,258	\$39,420,151	\$41,525,195	\$42,738,079	\$43,494,488	\$62,502,703

¹ Obligations for actual years exclude lapse. Amounts for all years include Special Type 1 Diabetes. All Subtotal and Total numbers may not add due to rounding. FY 2017 through FY 2021 includes 21st Century Cures Act funding. All years exclude Ebola-related and supplemental funding.

² Excludes obligations for the Common Fund and the Office of Research Infrastructure Programs, which are distributed by mechanism.

³ Includes B&F appropriation and monies allocated (\$18,000,000 in FY 2018, \$18,000,000 in FY 2019, \$30,000,000 in FY 2020, and \$30,000,000 in each of FY 2021 through FY2023) pursuant to appropriations acts provisions that funding may be used for facilities repairs and improvements at the NCI Federally funded Research and Development Center in Frederick, Maryland.

⁴ Includes Program Evaluation Financing resources of \$715,000,000 in FY 2015, \$780,000,000 in FY 2016, \$824,443,000 in FY 2017, \$922,871,000 in FY 2018, \$1,146,821,000 in FY 2019, \$1,230,821,000 in FY 2020, and \$1,271,505,000 in each year for FY 2021 through FY 2023.

⁵ Includes obligations of \$60,647,563 of 21st Century Cures Act funding which was appropriated in FY 2017, but carried over into FY 2018.

⁶ Includes obligations of \$42,852,637 of 21st Century Cures Act funding which was appropriated in FY 2017 and FY 2018, but carried over into FY 2019. Similarly, includes \$429,883,740 of Opioids funding and \$415,917 of Type 1 Diabetes funding carried over from FY 2018. Obligations of carryover funding are distributed by mechanism.

⁷ Includes obligations of \$230,278,992 of 21st Century Cures Act funding which was appropriated in FY 2017 through FY 2019, but carried over into FY 2020. Similarly, includes \$200,200,850 of Type 1 Diabetes funding carried over from FY 2018 and FY 2019. Obligations of carryover funding are distributed by mechanism.

⁸ Includes obligations of \$167,738,493 of 21st Century Cures Act funding which was appropriated in FY 2017 through FY 2020, but carried over into FY 2021. Similarly, includes obligations of \$83,955,593 for Special Type 1 Diabetes research program using available funding from FY 2018 through FY 2020, but carried over into FY 2021. Obligations of carryover funding are distributed by mechanism.

⁹ Includes obligations of \$284,492,124 of 21st Century Cures Act funding which was appropriated in FY 2017 through FY 2021, but carried over into FY 2022. Similarly, includes obligations of \$291,355,777 for Special Type 1 Diabetes research program using available funding from FY 2018 through FY 2021, but carried over into FY 2022. Obligations of carryover funding are distributed by mechanism.

¹⁰ The FY 2023 Budget proposes funding for the recently established Advanced Research Projects Agency for Health (ARPA-H) as well as new mandatory funding for pandemic preparedness activities.

¹¹ FY 2023 figures are based on requested budget authority.

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 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 ¹	\$17,799,515	\$6,838,801	72.2%	27.8%	6.0%	6.1%
FY 2018 ^{1,2}	\$19,599,758	\$7,481,452	72.4%	27.6%	10.1%	9.4%
FY 2019 ^{1,3}	\$20,544,931	\$7,953,747	72.1%	27.9%	4.8%	6.3%
FY 2020 ^{1,*}	\$21,765,222	\$8,406,459	72.1%	27.9%	5.9%	5.7%
FY 2021 Final ¹	\$22,363,606	\$8,620,853	72.2%	27.8%	2.8%	2.6%
FY 2022 CR ¹	\$22,259,130	\$8,563,898	72.2%	27.8%	-0.5%	-0.7%
FY 2023 President's Budget ^{1,a}	\$23,578,114	\$9,108,996	72.1%	27.9%	5.9%	6.4%

Note: Data for fiscal years 2022 and later represent estimates and will change as actual data are received.

¹ Includes 21st Century Cures Act funding.

² Figures reflect BA carried over into later years.

³ Figures include estimates of BA carried over into later years.

* Restated with grant awards for the ECHO & INCLUDE programs in the OD - Other mechanism. These awards were assigned to NICHD in the FY 2022 Congressional Justification.

^a Figures do not include any awards related to the recently established ARPA-H or proposed mandatory funding for pandemic preparedness activities.

RPGs – TOTAL NUMBER OF AWARDS AND FUNDING

(Dollars in Thousands)	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017 Final ¹	FY 2018 Final ^{1,2}	FY 2019 Final ^{1,3}	FY 2020 Final ^{1,*}	FY 2021 Final ¹	FY 2022 CR ¹	FY 2023 President's Budget ^{1,a}
<u>No. of Awards:</u>											
Competing	8,234	9,168	9,540	10,364	10,123	11,116	11,020	11,373	11,258	9,806	11,878
Noncompeting	25,140	23,504	23,261	23,528	24,638	25,780	27,624	28,366	28,492	29,502	29,301
Subtotal	33,374	32,672	32,801	33,892	34,761	36,896	38,644	39,739	39,750	39,308	41,179
SBIR/STTR	1,466	1,660	1,578	1,689	1,807	2,034	2,023	1,832	1,863	1,837	1,950
Total	34,840	34,332	34,379	35,581	36,568	38,930	40,667	41,571	41,613	41,145	43,129
<u>Average Annual Cost:</u>											
Competing RPGs	\$418	\$489	\$452	\$484	\$522	\$527	\$573	\$559	\$599	\$571	\$573
Total RPGs ^X	444	474	479	502	523	546	552	571	583	586	600
<u>Percent Change in Average Cost from Prior Year^Y</u>											
Competing RPGs	-0.8%	17.0%	-7.5%	7.2%	7.8%	1.0%	8.7%	-2.4%	7.2%	-4.7%	0.2%
Total RPGs ^X	-3.3%	6.7%	1.2%	4.8%	4.0%	4.4%	1.1%	3.5%	2.1%	0.5%	2.4%
<u>Average Length of Award in Years</u>											
	3.5	3.5	3.5	3.6	3.6	3.6	3.6	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.

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

^Y Based on average costs in whole dollars.

¹ Includes 21st Century Cures Act funding.

² Figures reflect BA carried over into later years.

³ Figures include estimates of BA carried over into later years.

* Restated with grant awards for the ECHO & INCLUDE programs in the OD - Other mechanism. These awards were assigned to NICHD in the FY 2022 Congressional Justification.

^a Figures do not include any awards related to the recently established ARPA-H or proposed mandatory funding for pandemic preparedness activities.

RPGs – SUCCESS RATES

INSTITUTES & CENTERS ^{+,1,2}	FY 2014	FY 2015	FY 2016	FY 2017 Final ⁶	FY 2018 Final ^{6,7}	FY 2019 Final ^{6,8}	FY 2020 Final ^{6,*}	FY 2021 Final ⁶	FY 2022 CR ⁶	FY 2023 President's Budget ^{6,a}
NCI	14.1%	13.0%	12.0%	11.7%	11.3%	11.9%	12.9%	13.8%	13.8%	14.2%
NHLBI	18.2%	21.9%	24.2%	23.5%	25.1%	22.3%	22.2%	20.5%	19.3%	21.4%
NIDCR	21.5%	22.0%	19.9%	17.8%	22.2%	23.8%	21.7%	21.8%	19.4%	24.4%
NIDDK	22.9%	20.3%	20.1%	17.8%	21.6%	20.3%	24.4%	22.7%	22.4%	20.8%
NINDS	18.7%	20.5%	19.8%	17.7%	22.4%	20.4%	23.7%	20.2%	16.2%	19.4%
NIAID	22.0%	21.5%	23.8%	19.1%	22.9%	22.1%	23.9%	17.5%	17.4%	19.4%
NIGMS	24.8%	29.6%	29.6%	30.6%	29.2%	32.6%	32.3%	33.4%	26.5%	27.1%
NICHD [*]	12.5%	11.5%	13.2%	16.1%	18.4%	19.5%	18.0%	18.4%	16.7%	19.4%
NEI	26.7%	21.4%	25.7%	24.9%	26.7%	28.4%	29.6%	24.8%	22.7%	23.7%
NIEHS	15.0%	14.7%	14.2%	15.0%	17.1%	14.8%	14.2%	14.4%	12.0%	36.7%
NIA	15.9%	17.7%	22.8%	26.6%	28.9%	29.2%	25.8%	24.2%	18.2%	16.9%
NIAMS	18.1%	16.7%	16.0%	17.0%	16.7%	17.1%	18.0%	17.6%	12.2%	18.9%
NIDCD	25.8%	24.9%	26.7%	24.4%	27.1%	25.2%	24.2%	24.0%	23.2%	23.2%
NIMH	19.4%	20.4%	22.9%	20.9%	22.2%	24.8%	22.5%	22.1%	20.7%	21.6%
NIDA	18.0%	19.6%	15.4%	19.7%	19.4%	17.5%	16.9%	14.7%	10.4%	25.9%
NIAAA	19.2%	16.4%	18.8%	22.0%	26.7%	20.9%	21.4%	17.1%	17.3%	19.9%
NINR	11.6%	8.0%	9.0%	8.9%	10.3%	9.3%	10.8%	12.6%	7.9%	16.9%
NHGRI	17.7%	18.8%	25.6%	23.9%	28.0%	19.2%	21.8%	24.7%	17.5%	12.0%
NIBIB	13.1%	12.0%	14.6%	13.0%	16.8%	18.3%	19.8%	17.2%	15.7%	16.8%
NIMHD	11.9%	13.7%	19.3%	21.5%	10.7%	7.5%	7.9%	11.2%	10.0%	39.5%
NCCIH ³	8.7%	10.8%	13.9%	16.7%	20.3%	12.5%	11.6%	11.1%	6.4%	14.3%
NCATS ⁴	16.7%	66.7%	27.7%	21.8%	36.4%	20.7%	25.2%	14.7%	17.3%	20.6%
FIC	9.1%	9.7%	29.5%	10.8%	19.5%	20.6%	19.7%	13.8%	21.2%	23.4%
NLM	19.4%	19.8%	13.0%	14.9%	17.7%	18.4%	13.4%	11.9%	14.1%	9.8%
ORIP & SEPA ⁵	19.6%	21.5%	18.8%	16.5%	17.8%	34.2%	29.6%	25.9%	39.1%	40.9%
Common Fund	10.0%	12.1%	12.6%	11.8%	10.9%	11.0%	9.5%	8.8%	6.2%	7.9%
NIH	18.0%	18.3%	19.1%	18.7%	20.3%	20.1%	20.7%	19.1%	16.9%	19.8%

⁺ Success Rates identified in FY 2021 and beyond are estimates, and will change as applications are received and selected for funding.

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. Excludes NIEHS Superfund Research and OD Other awards.

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).

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

⁶ Includes 21st Century Cures Act funding.

⁷ Figures reflect BA carried over into later years.

⁸ Figures include estimates of BA carried over into later years.

* Restated with grant awards for the ECHO & INCLUDE programs in the OD - Other mechanism. These awards were assigned to NICHD in the FY 2022 Congressional Justification.

^a Figures do not include any awards related to the recently established ARPA-H or proposed mandatory funding for pandemic preparedness activities.

TOTAL R01 EQUIVALENT DATA FOR FIRST TIME AND ESTABLISHED INVESTIGATORS

R01 Equivalent Grants^{1,2,3,4}	FY 2021 Final⁵	FY 2022 CR⁵	FY 2023 President's Budget^{5,a}
Applications			
Received.....	37,987	39,213	41,540
Funded.....	7,647	6,949	8,583
Total Investigators			
Received.....	33,856	34,953	37,101
Funded.....	9,503	8,682	10,838
Established Investigators			
Received.....	20,777	21,201	22,371
Funded.....	6,715	6,091	7,571
First-time Investigators			
Received.....	13,079	13,752	14,730
Funded.....	2,788	2,591	3,267

¹ R01 Equivalent Grants form a subset of all RPG awards. In FY 2021 they comprised roughly 68% of Funded Applications, 72% of Funded Total Investigators, 78% of Funded Established Investigators and 60% of Funded First-time Applicants.

² The ratio of total and funded applicants to applications and the proportion of total and funded first-time applicants are based on linear extrapolation of five years of the latest actual data.

³ Excludes applications and awards associated with reimbursable agreements and Superfund Research account.

⁴ Estimates for received applications reflect consolidations of Institute/Center validated refinements to linear extrapolation of five years of latest actual data. Funded application figures reflect the annual estimate identified in the New/Competing RPG line of mechanism budget table.

⁵ Includes 21st Century Cures Act funding.

^a Figures do not include any awards related to the recently established ARPA-H or proposed mandatory funding for pandemic preparedness activities.

COMPETING RPGS BY LENGTH OF AWARD

(Dollars in Thousands)	FY 2021 Final ¹		FY 2022 CR ¹		FY 2023 President's Budget ^{1,a}	
	No.	Amount	No.	Amount	No.	Amount
Competing RPGs:^x						
One-Year Awards.....	1,415	\$1,524,326	1,175	\$1,219,523	1,424	\$1,480,820
Two-Year Awards.....	2,400	\$505,879	2,161	\$480,776	2,617	\$583,788
Three-Year Awards.....	443	\$237,305	419	\$235,296	507	\$285,711
Four-Year Awards.....	1,732	\$977,995	1,699	\$937,407	2,058	\$1,138,258
Five or More Year Awards.....	5,268	\$3,503,425	4,352	\$2,730,784	5,272	\$3,315,883
Total Competing RPGs.....	11,258	\$6,748,930	9,806	\$5,603,786	11,878	\$6,804,460

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

¹ Includes 21st Century Cures Act funding.

^a Figures do not include any awards related to the recently established ARPA-H or proposed mandatory funding for pandemic preparedness activities.

NON-COMPETING COMMITMENTS

(Dollars in Thousands)	FY 2021 Final ⁴	FY 2022 CR ⁴	FY 2023 President's Budget ^{4,a}
Research Project Grants (RPGs)			
Noncompeting:			
Number.....	28,492	29,502	29,301
Amount.....	\$15,937,228	\$17,090,998	\$17,543,339
Administrative Supp.....	\$483,523	\$331,645	\$356,660
Competing:			
Number.....	11,258	9,806	11,878
Amount.....	\$6,748,930	\$5,603,786	\$6,804,460
SBIR/STTR:			
Number.....	1,863	1,837	1,950
Noncompeting.....	948	994	821
Amount ¹	\$1,176,827	\$1,158,777	\$1,228,333
Noncompeting.....	\$598,561	\$627,228	\$517,363
Subtotal, RPGs:			
Number.....	41,613	41,145	43,129
Amount.....	\$24,346,508	\$24,185,206	\$25,932,792
Research Centers:			
Number.....	1,225	1,243	1,307
Noncompeting.....	978	977	1,057
Amount.....	\$2,770,381	\$2,774,182	\$2,805,697
Noncompeting.....	\$2,212,624	\$2,179,676	\$2,269,898
Other Research:			
Number.....	7,604	7,690	7,744
Noncompeting.....	5,863	5,981	6,202
Amount.....	\$2,941,127	\$2,880,055	\$2,915,942
Noncompeting.....	\$2,267,717	\$2,239,951	\$2,335,445
Training:			
FTTPs.....	16,988	17,808	18,109
Noncompeting.....	12,855	13,317	13,542
Amount.....	\$926,442	\$983,585	\$1,032,679
Noncompeting.....	\$701,075	\$735,561	\$772,263
Total Extramural Research².....			
	\$30,984,459	\$30,823,028	\$32,687,110
Noncompeting Number/FTTPs.....	49,136	50,771	50,923
Competing Number/FTTPs.....	18,294	17,115	19,366
Noncompeting Amount.....	\$22,200,728	\$23,205,059	\$23,794,968
Competing Amount.....	\$8,783,731	\$7,617,969	\$8,892,142
Total Percent Change.....	2.7%	-0.5%	6.0%
Total Discretionary Budget Authority^{3,a}.....			
	\$42,662,323	\$42,777,191	\$45,311,253
Percent Change.....	2.7%	0.3%	5.9%

¹ The 3.65% combined SBIR/STTR program threshold is achieved in FY 2021 and sustained in subsequent

² Includes both grants and FTTPs for Noncompeting and Competing figures:

³ Includes Labor/HHS appropriations, the Interior Superfund Research account, 21st Century Cures Act funding, as well as Program Evaluation financing resources. Excludes mandatory accounts such as Type 1 Diabetes.

⁴ Includes 21st Century Cures Act funding.

^a Figures do not include any awards related to the recently established ARPA-H or proposed mandatory funding for pandemic preparedness activities.

MF 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, and general administrative support services. The MF is financed through offsetting collections from the NIH Institutes and Centers representing charges for services provided. Funds credited to the NIH Management Fund remain available for one fiscal year after the fiscal year in which they are deposited.

MF BUDGET AUTHORITY BY ACTIVITY

NATIONAL INSTITUTES OF HEALTH
Management Fund

Budget Authority by Activity
(Dollars in Thousands)

	FY 2021 Final		FY 2022 CR		FY 2023 President's Budget		FY 2023 +/- FY 2022 CR	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Extramural Research								
<u>Detail</u>								
Clinical Center	1,949	\$652,751	2,035	\$669,069	2,035	\$682,451	0	\$13,381
Center for Scientific Review	422	125,456	450	128,593	464	131,165	14	2,572
Office of Research Services, Development & Operations and Administrative services ¹	253	82,745	0	0	0	0	0	0
TOTAL	2,624	\$860,952	2,485	\$797,662	2,499	\$813,616	14	\$15,953

¹ Effective in FY 2022, ORS is financed entirely through the Service and Supply Fund, rather than financing certain portions through the Management Fund.

MF BUDGET AUTHORITY BY OBJECT CLASS

NATIONAL INSTITUTES OF HEALTH
Management Fund

Budget Authority by Object Class¹

(Dollars in Thousands)

	FY 2022 CR	FY 2023 President's Budget	FY 2023 +/- FY 2022 CR
Total compensable workyears:			
Full-time equivalent	2,485	2,499	14
Full-time equivalent of overtime and holiday hours	0	0	0
Average ES salary	\$205	\$212	\$8
Average GM/GS grade	11.5	11.5	0.0
Average GM/GS salary	\$117	\$120	\$4
Average salary, Commissioned Corps (42 U.S.C. 207)	\$109	\$113	\$4
Average salary of ungraded positions	\$168	\$174	\$6
OBJECT CLASSES	FY 2022 CR	FY 2023 President's Budget	FY 2023 +/- FY 2022 CR
Personnel Compensation			
11.1 Full-Time Permanent	216,563	224,667	8,104
11.3 Other Than Full-Time Permanent	38,669	40,116	1,447
11.5 Other Personnel Compensation	27,666	28,702	1,035
11.7 Military Personnel	5,407	5,610	202
11.8 Special Personnel Services Payments	7,160	7,428	268
11.9 Subtotal Personnel Compensation	\$295,466	\$306,522	\$11,056
12.1 Civilian Personnel Benefits	99,165	102,560	3,394
12.2 Military Personnel Benefits	3,795	3,937	142
13.0 Benefits to Former Personnel	0	0	0
Subtotal Pay Costs	\$398,426	\$413,019	\$14,593
21.0 Travel & Transportation of Persons	769	771	2
22.0 Transportation of Things	664	665	1
23.1 Rental Payments to GSA	8	8	0
23.2 Rental Payments to Others	107	108	1
23.3 Communications, Utilities & Misc. Charges	3,886	3,920	34
24.0 Printing & Reproduction	7	7	0
25.1 Consulting Services	38,461	38,500	39
25.2 Other Services	99,340	100,195	855
25.3 Purchase of Goods and Services from Government Accounts	48,385	48,701	316
25.4 Operation & Maintenance of Facilities	16,804	16,850	46
25.5 R&D Contracts	422	422	0
25.6 Medical Care	16,534	16,550	16
25.7 Operation & Maintenance of Equipment	25,271	25,272	1
25.8 Subsistence & Support of Persons	3	3	0
25.0 Subtotal Other Contractual Services	\$245,221	\$246,494	\$1,273
26.0 Supplies & Materials	125,954	126,000	46
31.0 Equipment	20,342	20,342	0
32.0 Land and Structures	2,266	2,270	4
33.0 Investments & Loans	0	0	0
41.0 Grants, Subsidies & Contributions	0	0	0
42.0 Insurance Claims & Indemnities	3	3	0
43.0 Interest & Dividends	10	10	0
44.0 Refunds	0	0	0
Subtotal Non-Pay Costs	\$399,236	\$400,597	\$1,360
Total Budget Authority by Object Class	\$797,662	\$813,616	\$15,953

¹ Includes FTEs whose payroll obligations are supported by the NIH Common Fund.

MF DETAIL OF POSITIONS

GRADE	FY 2021 Final	FY 2022 CR	FY 2023 President's Budget
Total, ES Positions	4	2	2
Total, ES Salary	\$797,200	\$409,362	\$424,771
GM/GS-15	123	121	121
GM/GS-14	337	331	339
GM/GS-13	376	371	373
GS-12	533	522	522
GS-11	465	470	472
GS-10	34	33	33
GS-9	109	89	90
GS-8	97	64	68
GS-7	223	172	174
GS-6	46	47	47
GS-5	20	18	18
GS-4	7	5	5
GS-3	7	7	7
GS-2	3	3	3
GS-1	1	0	0
Subtotal	2,381	2,253	2,272
Commissioned Corps (42 U.S.C. 207)			
Assistant Surgeon General	0	0	0
Director Grade	14	14	14
Senior Grade	15	15	15
Full Grade	11	11	11
Senior Assistant Grade	14	14	14
Assistant Grade	0	0	0
Subtotal	54	54	54
Ungraded	242	242	242
Total permanent positions	2,410	2,282	2,301
Total positions, end of year	2,681	2,551	2,570
Total full-time equivalent (FTE) employment, end of year	2,624	2,485	2,499
Average ES salary	199,300	204,681	212,386
Average GM/GS grade	11.4	11.5	11.5
Average GM/GS salary	103,878	116,805	120,495

SSF 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, cybersecurity, 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, police, fire, and other administrative support services. The SSF is financed through offsetting collections from the NIH Institutes and Centers representing charges for goods and services provided.

SSF BUDGET AUTHORITY BY ACTIVITY

NATIONAL INSTITUTES OF HEALTH
Service and Supply Fund

Budget Authority by Activity
(Dollars in Thousands)

	FY 2021 Final		FY 2022 CR		FY 2023 President's Budget		FY 2023 +/- FY 2022 CR	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
Extramural Research								
<u>Detail</u>								
Research Support and Administrative (OD & includes CIF, ORS) ¹	823	\$1,669,290	851	\$1,795,836	870	\$1,831,753	19	\$35,917
Office of Research Facilities Development & Operations (ORF)	985	512,154	1,289	524,958	1,369	535,457	80	10,499
Center for Information Technology	227	457,860	247	469,306	247	578,692	0	109,386
TOTAL	2,035	\$2,639,304	2,387	\$2,790,101	2,486	\$2,945,903	99	\$155,802

¹ Effective in FY 2022, ORS is financed entirely through the Service and Supply Fund, rather than financing certain portions through the Management Fund.

SSF BUDGET AUTHORITY BY OBJECT CLASS
 NATIONAL INSTITUTES OF HEALTH
 Service Supply Fund

Budget Authority by Object Class¹
 (Dollars in Thousands)

	FY 2022 CR	FY 2023 President's Budget	FY 2023 +/- FY 2022 CR
Total compensable workyears:			
Full-time equivalent	2,387	2,486	99
Full-time equivalent of overtime and holiday hours	0	0	0
Average ES salary	\$200	\$204	\$4
Average GM/GS grade	12.0	12.0	0.0
Average GM/GS salary	\$115	\$119	\$3
Average salary, Commissioned Corps (42 U.S.C. 207)	\$108	\$112	\$4
Average salary of ungraded positions	\$149	\$154	\$5
OBJECT CLASSES	FY 2022 Enacted	FY 2023 President's Budget	FY 2023 +/- FY 2022
Personnel Compensation			
11.1 Full-Time Permanent	239,720	248,691	8,970
11.3 Other Than Full-Time Permanent	12,524	12,993	469
11.5 Other Personnel Compensation	16,543	17,162	619
11.7 Military Personnel	4,845	5,026	181
11.8 Special Personnel Services Payments	758	786	28
11.9 Subtotal Personnel Compensation	\$274,390	\$284,658	\$10,268
12.1 Civilian Personnel Benefits	99,851	103,268	3,418
12.2 Military Personnel Benefits	2,882	2,989	108
13.0 Benefits to Former Personnel	1,624	1,624	0
Subtotal Pay Costs	\$378,746	\$392,540	\$13,794
21.0 Travel & Transportation of Persons	1,920	1,952	33
22.0 Transportation of Things	820	834	14
23.1 Rental Payments to GSA	68,474	69,638	1,164
23.2 Rental Payments to Others	64,008	65,096	1,088
23.3 Communications, Utilities & Misc. Charges	92,977	94,557	1,581
24.0 Printing & Reproduction	4	2	-2
25.1 Consulting Services	54,573	55,501	928
25.2 Other Services	1,292,065	1,315,153	23,089
25.3 Purchase of Goods and Services from Government Accounts	368,557	474,822	106,265
25.4 Operation & Maintenance of Facilities	103,589	105,350	1,761
25.5 R&D Contracts	9,805	9,972	167
25.6 Medical Care	1,540	1,567	26
25.7 Operation & Maintenance of Equipment	210,525	214,104	3,579
25.8 Subsistence & Support of Persons	0	0	0
25.0 Subtotal Other Contractual Services	\$2,040,655	\$2,176,469	\$135,815
26.0 Supplies & Materials	71,087	72,189	1,102
31.0 Equipment	43,277	44,012	736
32.0 Land and Structures	28,074	28,551	477
33.0 Investments & Loans	0	0	0
41.0 Grants, Subsidies & Contributions	5	5	0
42.0 Insurance Claims & Indemnities	0	0	0
43.0 Interest & Dividends	55	55	1
44.0 Refunds	0	0	0
Subtotal Non-Pay Costs	\$2,411,355	\$2,553,363	\$142,008
Total Budget Authority by Object Class	\$2,790,101	\$2,945,903	\$155,802

¹ Includes FTEs whose payroll obligations are supported by the NIH Common Fund.

SSF DETAIL OF POSITIONS

GRADE	FY 2021 Final	FY 2022 CR	FY 2023 President's Budget
Total, ES Positions	8	11	12
Total, ES Salary	\$1,585,275	\$2,201,357	\$2,449,702
GM/GS-15	110	119	129
GM/GS-14	328	376	401
GM/GS-13	674	736	769
GS-12	298	341	363
GS-11	114	142	148
GS-10	5	9	9
GS-9	87	116	121
GS-8	18	59	59
GS-7	45	102	102
GS-6	5	9	9
GS-5	14	18	18
GS-4	12	19	19
GS-3	11	13	13
GS-2	8	2	2
GS-1	12	11	11
Subtotal	1,741	2,072	2,173
Commissioned Corps (42 U.S.C. 207)			
Assistant Surgeon General	0	0	0
Director Grade	7	7	7
Senior Grade	4	6	6
Full Grade	12	12	12
Senior Assistant Grade	4	5	5
Assistant Grade	1	0	0
Subtotal	28	30	30
Ungraded	314	318	375
Total permanent positions	2,013	2,316	2,412
Total positions, end of year	2,091	2,431	2,590
Total full-time equivalent (FTE) employment, end of year	2,035	2,387	2,486
Average ES salary	198,159	200,123	204,142
Average GM/GS grade	12.3	12.0	12.0
Average GM/GS salary	115,983	115,342	118,841

IDEA DIGITAL MODERNIZATION

Modernization of the Public-Facing Digital Services – 21st Century Integrated Digital Experience Act

The 21st Century Integrated Digital Experience Act (IDEA) was signed into law on Dec. 20, 2018. It requires data-driven, user-centric website and digital services modernization, website consolidation, and website design consistency in all Executive Agencies. Departments across the federal landscape are working to implement innovative digital communications approaches to increase efficiency and create more effective relationships with their intended audiences. The American public expects instant and impactful communications – desired, trusted content available when they want it, where they want it, and in the format they want it. If the consumer is not satisfied they move on and the opportunity for impact is lost.

Modernization Efforts

In FY 2019, HHS engaged Department leadership and developed a Digital Communications Strategy that aligns with the requirements of IDEA. In FY 2020, HHS Digital Communications Leaders began implementation of the Strategy in alignment with IDEA, beginning to align budgets to modernization requirements.

As the result of a comprehensive review of costs associated with website development, maintenance, and their measures of effectiveness, HHS will prioritize:

- modernization needs of websites, including providing unique digital communications services, and
- continuing to developing estimated costs and impact measures for achieving IDEA.

Over the next four years HHS will continue to implement IDEA by focusing extensively on a user-centric, Digital First approach to both external and internal communications and developing performance standards. HHS will focus on training, hiring, and tools that drive the communication culture change necessary to successfully implement IDEA.

Over the next year, HHS Agencies and Offices will work together to continue to implement IDEA and the HHS Digital Communications Strategy across all communications products and platforms.