

**National Institutes of Health
Actual Total Obligations by Budget Mechanism
FY 2000 - FY 2020
(Dollars in Thousands)**

Mechanism ¹	FY 2000		FY 2001		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008	
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount
Research Grants:																		
Research Projects:																		
Noncompeting	21,779	6,715,229	23,322	7,941,110	24,921	9,135,019	25,776	10,028,605	27,064	10,784,249	27,353	10,997,365	27,375	11,094,090	26,680	10,998,171	26,658	11,231,338
Administrative Supplements	(1,860)	128,829	(2,002)	204,447	(2,142)	223,667	(2,041)	200,503	(2,024)	255,251	(1,856)	456,222	(1,689)	285,680	(1,628)	212,448	(1,600)	187,416
Competing	8,765	2,911,946	9,101	3,031,712	9,396	3,183,082	10,411	3,517,112	10,025	3,562,016	9,481	3,396,187	9,150	3,378,512	10,089	3,714,402	9,737	3,681,921
Subtotal, RPGs	30,544	9,756,004	32,423	11,177,269	34,317	12,541,768	36,187	13,746,220	37,089	14,601,516	36,834	14,849,774	36,525	14,758,282	36,769	14,925,021	36,395	15,100,675
SBIR/STTR	1,640	362,245	1,699	418,044	1,889	496,683	2,029	540,838	2,190	611,784	1,934	625,183	1,835	619,029	1,792	630,877	1,849	634,873
Subtotal, RPGs	32,184	10,118,249	34,122	11,595,313	36,206	13,038,451	38,216	14,287,058	39,279	15,213,300	38,768	15,474,957	38,360	15,377,311	38,561	15,555,898	38,244	15,735,548
Research Centers:																		
Specialized/Comprehensive	738	1,136,660	826	1,373,173	901	1,585,054	1,010	1,835,303	1,073	1,947,020	1,073	2,044,732	1,190	2,144,230	1,166	2,192,634	1,153	2,203,290
Clinical Research	80	203,184	95	230,268	96	258,021	106	285,189	108	287,675	103	297,649	93	348,476	88	380,981	91	425,927
Biotechnology	72	85,442	72	109,509	48	134,553	78	142,898	89	139,909	89	130,806	103	134,862	109	137,148	109	137,888
Comparative Medicine	43	80,663	48	101,981	48	93,907	53	109,197	55	115,830	51	119,372	51	123,032	54	124,146	50	126,308
Research Centers in Minority Institutions	18	41,203	18	44,668	19	52,188	18	55,591	18	55,538	17	54,796	28	54,213	28	53,606	22	52,933
Research Centers	951	1,547,152	1,059	1,859,599	1,112	2,123,723	1,265	2,428,178	1,343	2,545,972	1,333	2,647,355	1,465	2,804,813	1,445	2,888,515	1,425	2,946,346
Other Research:																		
Research Careers	2,898	333,586	3,234	394,558	3,666	459,381	4,058	535,605	4,289	586,145	4,211	608,154	4,197	644,680	4,299	662,776	4,302	681,568
Cancer Education	83	16,821	91	21,740	96	26,775	102	30,041	101	32,214	101	34,581	99	34,561	89	31,337	82	30,089
Cooperative Clinical Research	401	293,673	408	323,655	441	360,040	387	378,653	338	357,123	327	335,118	353	344,503	363	335,103	377	410,194
Biomedical Research Support	167	44,994	157	66,962	184	128,847	177	120,303	177	116,196	167	105,613	140	65,518	188	98,312	106	66,303
Minority Biomedical Research Support	135	87,826	158	101,409	164	110,881	168	117,203	166	117,479	155	116,278	155	115,032	165	111,310	265	107,302
Other	953	236,599	1,076	332,571	1,378	388,019	1,505	434,782	1,640	468,807	1,701	482,467	1,703	491,120	1,762	488,026	1,678	510,066
Other Research	4,637	1,013,499	5,124	1,240,895	5,929	1,473,943	6,397	1,616,587	6,711	1,677,964	6,662	1,682,211	6,647	1,695,414	6,866	1,726,864	6,810	1,805,522
Total Research Grants	37,772	12,678,900	40,305	14,695,807	43,247	16,636,117	45,878	18,331,823	47,333	19,437,236	46,763	19,804,523	46,472	19,877,538	46,872	20,171,277	46,479	20,487,416
Ruth L. Kirschstein Training Awards:	FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:	
Individual Awards	2,604	86,134	2,724	95,357	2,684	102,041	2,773	108,444	2,816	112,704	2,923	119,213	2,976	122,758	2,982	121,215	3,040	123,081
Institutional Awards	13,226	453,376	13,762	494,267	14,159	548,645	14,540	602,997	14,779	627,802	14,449	624,648	14,349	625,884	14,614	660,694	14,278	647,399
Total Research Training	15,830	539,510	16,486	589,624	16,843	650,686	17,313	711,441	17,595	740,506	17,372	743,861	17,325	748,642	17,596	781,909	17,318	770,480
Research & Development Contracts (SBIR/STTR)	1,219	1,147,672	1,307	1,388,011	1,990	1,643,362	2,348	2,300,590	2,876	2,693,347	2,815	2,518,111	3,423	2,604,968	2,752	2,714,122	2,790	2,936,314
	(52)	(12,757)	(76)	(17,408)	(65)	(18,852)	(99)	(22,180)	(87)	(21,612)	(92)	(24,038)	(92)	(23,809)	(98)	(25,896)	(95)	(22,072)
Intramural Research		1,746,220		1,952,318		2,225,292		2,564,664		2,658,853		2,737,865		2,745,676		3,035,833		3,091,240
Research Management and Support		600,203		692,508		788,950		929,871		980,656		1,017,762		1,099,163		1,157,602		1,375,559
SBIR Admin		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)		(0)
Cancer Control		389,425		459,482		501,208		533,173		529,980		531,634		505,705		498,396		0
Construction		76,181		78,000		117,600		496,782		118,508		178,560		29,700		14,100		0
Total IC		17,178,111		19,855,750		22,563,215		25,868,344		27,159,086		27,532,316		27,611,392		28,373,239		28,661,009
Building & Facilities (B&F) ²		140,311		205,756		114,839		305,628		303,254		247,182		178,376		97,034		135,147
B&F Appropriation				(205,756)		(114,839)		(305,628)		(303,254)		(239,246)		(170,456)		(89,114)		(127,227)
NCI B&F												(7,936)		(7,920)		(7,920)		(7,920)
Library of Medicine (NLM) ³		213,730		239,068		275,395		299,771		310,165		312,980		311,721				
Office of the Director - Other Roadmap/Common Fund ⁴		281,587		212,482		234,784		266,161		327,267		533,673		431,490		563,596		523,798
Bridge Awards												(175,731)		(293,341)		(482,961)		(498,240)
ORIP & SEPA ⁴												0		0		0		(89,656)
Type 1 Diabetes ⁵		(0)		(96,790)		(97,000)		(97,000)		(150,000)		(150,000)		(150,000)		(150,000)		(150,000)
Superfund ⁶		(0)		(62,850)		(70,212)		(83,515)		(78,300)		(79,836)		(79,101)		(79,111)		(77,531)
Total, NIH¹		17,813,739		20,513,056		23,188,233		26,739,904		28,099,772		28,626,151		28,532,979		29,033,869		29,319,954

¹ Actual obligations for each fiscal year excludes lapsed amounts and are non-comparable. Sum of mechanism dollar amounts may not equal NIH total due to rounding.

² Includes B&F appropriation plus resources appropriated to NCI for repair and construction of federal research facilities located in Frederick MD.

³ Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007.

⁴ Number of grants and amounts for the Common Fund, ORIP and SEPA components of OD are distributed by mechanism and are noted here as a non-add. The balance of resources used from the Office of the Director appropriation is accounted for under OD - Other.

⁵ Number of grants and dollar amounts associated with the Special type 1 Diabetes mandatory account are distributed by budget mechanism and are noted here as a non-add. Grant number and dollar amounts for Interior appropriation's Superfund Research account are distributed by mechanism through FY 2012 and identified as a lump sum in FY 2013 and later years.

⁶ Number of grants and dollar amounts associated with PHS Evaluation Financing are distributed by budget mechanisms starting in FY 2015.

⁷ Includes 21st Century CURES Act funds starting in FY 2017.

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Actual Total Obligations by Budget Mechanism
FY 2000 - FY 2020
(Dollars in Thousands)**

Mechanism ¹	FY 2009		FY 2010		FY 2011		FY 2012		FY 2013		FY 2014		FY 2015 ⁶		FY 2016 ⁶		FY 2017 ^{6,7}		
	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	No.	Amount	
Research Grants:																			
Research Projects:																			
Noncompeting	26,276	11,407,157	25,787	11,773,351	26,180	11,893,218	25,649	11,946,124	25,140	11,119,346	23,504	10,785,361	23,261	11,219,523	23,528	11,725,271	24,638	12,661,301	
Administrative Supplements	(1,861)	222,571	(1,542)	188,860	(1,265)	201,839	(1,548)	191,966	(1,315)	248,370	(1,588)	208,245	(1,595)	193,500	(1,832)	280,611	(1,508)	225,445	
Competing	9,151	3,893,230	9,408	3,933,434	8,714	3,732,274	8,988	3,790,508	8,234	3,439,230	9,168	4,479,160	9,540	4,310,311	10,364	5,023,248	10,123	5,283,711	
Subtotal, RPGs	35,427	15,522,958	35,195	15,895,645	34,894	15,827,331	34,637	15,928,598	33,374	14,806,946	32,672	15,472,766	32,801	15,723,334	33,892	17,029,130	34,761	18,170,456	
SBIR/STTR	1,750	648,778	1,694	653,158	1,506	648,379	1,654	670,532	1,466	638,517	1,660	695,479	1,578	717,948	1,688	810,561	1,807	923,139	
Subtotal, RPGs	37,177	16,171,736	36,889	16,548,803	36,400	16,475,710	36,291	16,599,130	34,840	15,445,463	34,332	16,168,246	34,379	16,441,282	35,580	17,839,691	36,568	19,093,596	
Research Centers:																			
Specialized/Comprehensive	1,157	2,256,653	1,196	2,300,702	1,227	2,225,931	1,216	2,281,513	1,177	1,994,721	1,117	1,958,066	1,093	1,879,582	1,053	1,810,686	1,004	1,766,720	
Clinical Research	76	426,138	79	435,787	73	438,543	65	398,455	58	370,187	60	413,671	68	424,704	67	406,678	67	402,112	
Biotechnology	103	144,286	109	152,412	95	147,847	100	160,608	89	156,159	93	167,045	97	171,994	98	179,563	105	187,352	
Comparative Medicine	47	134,160	45	133,561	50	138,023	50	139,499	52	132,623	51	129,353	52	132,143	47	120,088	48	121,663	
Research Centers in Minority Institutions	23	57,473	23	60,452	23	59,136	22	58,994	21	55,055	22	55,067	23	54,641	23	56,759	24	58,461	
Research Centers	1,406	3,018,710	1,452	3,082,914	1,468	3,009,480	1,453	3,039,069	1,397	2,708,745	1,343	2,723,203	1,333	2,663,064	1,288	2,573,774	1,248	2,536,308	
Other Research:																			
Research Careers	4,166	670,967	4,049	648,887	3,919	625,950	3,843	631,602	3,677	614,648	3,624	611,834	3,593	608,205	3,618	643,945	3,712	672,622	
Cancer Education	83	31,945	91	35,444	90	32,590	93	33,373	96	34,466	96	32,932	85	28,026	74	23,261	83	23,629	
Cooperative Clinical Research	339	406,182	332	431,227	414	448,384	392	430,353	431	434,870	394	474,587	369	421,734	345	404,684	329	403,274	
Biomedical Research Support	122	66,494	134	67,626	135	70,232	115	67,917	122	69,214	111	67,391	110	66,863	107	67,235	109	69,962	
Minority Biomedical Research Support	338	106,337	371	106,966	367	104,455	347	110,881	311	104,656	287	104,470	278	103,446	272	105,494	281	104,119	
Other	1,662	519,375	1,729	530,351	1,770	547,641	1,726	560,329	1,748	525,628	1,722	555,627	1,803	574,445	1,855	775,117	1,863	907,363	
Other Research	6,710	1,801,300	6,706	1,820,501	6,695	1,829,252	6,516	1,834,455	6,385	1,783,481	6,234	1,846,841	6,238	1,802,719	6,271	2,019,736	6,377	2,180,970	
Total Research Grants	45,293	20,991,746	45,047	21,452,218	44,563	21,314,442	44,260	21,472,654	42,622	19,937,688	41,909	20,738,290	41,950	20,907,065	43,139	22,433,201	44,193	23,810,873	
Ruth L. Kirschstein Training Awards:	FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:		FITPs:
Individual Awards	3,010	121,653	3,070	125,695	3,027	127,442	3,045	129,514	3,071	132,034	3,058	136,141	3,161	136,979	3,282	147,553	3,599	157,826	
Institutional Awards	14,280	654,540	14,080	649,491	13,861	644,324	13,260	631,723	12,468	601,490	12,258	602,287	12,429	621,038	12,446	656,316	12,419	669,571	
Total Research Training	17,290	776,193	17,150	775,186	16,888	771,766	16,305	761,237	15,539	733,524	15,316	738,429	15,590	758,017	15,728	803,869	16,018	827,397	
Research & Development Contracts (SBIR/STTR)	2,514	3,070,868	2,289	3,145,385	2,373	2,997,696	2,493	2,915,036	2,327	2,927,077	2,211	2,990,037	2,238	2,826,971	2,716	2,913,224	2,028	3,046,757	
	(116)	(31,822)	(112)	(32,927)	(115)	(38,067)	(127)	(57,174)	(120)	(59,136)	(115)	(65,426)	(122)	(71,236)	(114)	(66,581)	(88)	(57,569)	
Intramural Research		3,222,852		3,306,312		3,330,815		3,400,607		3,247,193		3,373,601		3,407,862		3,682,831		3,780,181	
Research Management and Support		1,431,657		1,513,176		1,521,641		1,532,899		1,485,574		1,527,131		1,619,438		1,653,230		1,747,212	
SBIR Admin		(0)		(0)		(0)		(0)		(3,184)		(3,687)		(4,361)		(3,426)		(5,695)	
Cancer Control		0		0		0		0		0		0		0		0		0	
Construction		0		0		0		0		0		0		0		0		0	
Total IC		29,493,316		30,192,277		29,936,360		30,082,433		28,331,056		29,367,488		29,519,353		31,486,355		33,212,419	
Building & Facilities (B&F) ²		96,735		210,975		70,081		110,333		114,580		96,880		123,464		95,883		143,415	
B&F Appropriation		(88,815)		(203,055)		(62,161)		(102,413)		(106,676)		(88,880)		(115,464)		(79,883)		(113,415)	
NCI B&F		(7,920)		(7,920)		(7,920)		(7,920)		(7,904)		(8,000)		(8,000)		(16,000)		(30,000)	
Library of Medicine (NLM) ³																			
Office of the Director - Other		616,639		632,966		623,887		609,357		608,584		477,293		573,328		599,263		714,058	
Roadmap/Common Fund ⁴		(541,133)		(544,028)		(543,017)		(544,884)		(513,476)		(531,145)		(545,607)		(675,628)		(695,430)	
Bridge Awards		(89,656)		0		0		0		0		0		0		0		0	
ORIP & SEPA ⁴								(304,039)		(290,044)		(294,485)		(294,662)		(295,783)		(279,130)	
Type 1 Diabetes ⁵		(150,000)		(150,000)		(150,000)		(150,000)		(142,350)		(139,200)		(150,000)		(150,000)		(139,650)	
Superfund ⁶		(78,070)		(79,201)		(79,045)		(78,920)		74,864		77,345		77,332		77,252		77,337	
Total, NIH¹		30,206,690		31,036,218		30,630,328		30,802,123		29,129,084		30,019,005		30,293,477		32,258,754		34,147,230	

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² Includes B&F and NCI Obligations for repair and construction of federal research facilities located in Frederick MD.

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⁴ Number of grants and amounts for the Common Fund, ORIP and SEPA components of OD are distributed by mechanism and are noted here as a non-add. The balance of resources used from the Office of the Director appropriation is accounted for under OD - Other.

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⁷ Includes 21st Century CURES Act funds starting in FY 2017.

National Institutes of Health
Actual Total Obligations by Budget Mechanism
FY 2000 - FY 2020
(Dollars in Thousands)

Mechanism ¹	FY 2018 ^{6,7}		FY 2019 ^{6,7}		FY 2020 ^{6,7}	
	No.	Amount	No.	Amount	No.	Amount
Research Grants:						
Research Projects:						
Noncompeting	25,725	13,671,062	27,585	14,512,055	28,327	15,712,066
Administrative Supplements	(2,706)	477,036	(2,371)	447,131	(2,696)	556,569
Competing	11,071	5,612,491	11,035	6,481,697	11,332	6,349,418
Subtotal, RPGs	36,796	19,760,589	38,620	21,440,883	39,659	22,618,053
SBIR/STTR	2,024	996,305	2,023	1,052,430	1,832	1,126,134
Subtotal, RPGs	38,820	20,756,894	40,643	22,493,313	41,491	23,744,187
Research Centers:						
Specialized/Comprehensive	1,003	1,814,219	994	1,916,773	1,002	1,942,905
Clinical Research	68	416,209	70	420,992	70	432,804
Biotechnology	91	159,963	85	142,465	73	125,526
Comparative Medicine	67	129,881	50	136,741	48	138,385
Research Centers in Minority Institutions	21	61,478	19	63,189	21	74,111
Research Centers	1,250	2,581,750	1,218	2,680,161	1,214	2,713,731
Other Research:						
Research Careers	4,000	732,017	4,219	787,964	4,467	837,213
Cancer Education	76	21,182	77	20,459	59	14,878
Cooperative Clinical Research	219	386,160	266	503,637	272	491,092
Biomedical Research Support	118	85,524	131	81,134	125	89,486
Minority Biomedical Research Support	283	101,245	286	100,889	286	98,392
Other	2,051	1,045,036	2,140	1,203,954	2,141	1,222,227
Other Research	6,747	2,371,164	7,119	2,698,036	7,350	2,753,289
Total Research Grants	46,817	25,709,808	48,980	27,871,510	50,055	29,211,207
Ruth L. Kirschstein Training Awards:						
Individual Awards	3,500	161,753	3,654	170,240	3,919	186,322
Institutional Awards	12,697	694,091	13,221	695,065	13,086	720,688
Total Research Training	16,197	855,844	16,875	865,305	17,005	907,010
Research & Development Contracts (SBIR/STTR)	2,210	3,072,406	2,443	3,124,750	2,299	3,283,765
Intramural Research		3,972,053		4,179,250		4,462,022
Research Management and Support		1,813,738		1,886,087		1,974,360
SBIR Admin		(0)		(8,175)		(7,762)
Cancer Control		0		0		0
Construction		0		0		0
Total IC		35,423,849		37,926,901		39,838,363
Building & Facilities (B&F)²		124,434		229,107		138,709
B&F Appropriation		(106,434)		(211,107)		(108,709)
NCI B&F		(18,000)		(18,000)		(30,000)
Library of Medicine (NLM)³						
Office of the Director - Other		1,016,633		1,185,155		1,467,130
Roadmap/Common Fund ⁴		(600,707)		(619,166)		(639,111)
Bridge Awards		0		0		0
ORIP & SEPA ⁴		(289,205)		(288,096)		(293,970)
Type 1 Diabetes ⁵		(26,292)		(73,923)		(105,893)
Superfund ⁶		77,342		78,988		80,993
Total, NIH¹		36,642,258		39,420,151		41,525,195

¹ Actual obligations for each fiscal year excludes lapsed amounts and are non-comparable. Sum of mechanism dollar amounts may not equal NIH total due to rounding.

² Includes B&F and NCI Obligations for repair and construction of federal research facilities located in Frederick MD.

³ Number of grants and dollar amounts for Library of Medicine (NLM) are distributed by budget mechanisms starting in FY 2007.

⁴ Number of grants and amounts for the Common Fund, ORIP and SEPA components of OD are distributed by mechanism and are noted here as a non-add. The balance of resources used from the Office of the Director appropriation is accounted for under OD - Other.

⁵ Number of grants and dollar amounts associated with the Special type I Diabetes mandatory account are distributed by budget mechanism and are noted here as a non-add. Grant number and dollar amounts for Interior appropriation's Superfund Research account are distributed by mechanism through FY 2012 and identified as a lump sum in FY 2013 and later years.

⁶ Number of grants and dollar amounts associated with PHS Evaluation Financing are distributed by budget mechanisms starting in FY 2015.

⁷ Includes 21st Century CURES Act funds starting in FY 2017.