

## Department of Energy's FY 2017 Nuclear Weapons Budget Request

	FY 2015	FY 2016	FY2017	FY16-FY1
SA is the semi-automous nuclear weapons agency with DOE)	Enacted	Enacted	Request	<u>+</u> %
al Weapons Activities	8,180,359	8,846,948	9,243,147	4.5%
lanned to increase to \$10.5 billion by FY 2021. In comparison, Cold War a	nnual average was	\$5.2 billion.)		
Pirected Stockpile Work	2,692,588	3,387,792	3,330,527	-1.7%
(Physical work on the nuclear weapons themselves.)				
Life Extension Programs and Major Alterations	1,076,986	1,302,532	1,340,341	2.9%
(Life extension of existing weapons while giving them new military	capabilities)			
B61 Life Extension Program	643,000	643,300	616,079	-4.29
(World's first nuclear "smart" bomb; soon to begin production)				
W76 Life Extension Program (ramping down)	259,168	244,019	222,880	-8.79
W78/88-1 Life Extension Program (AKA "interoperable" warhea	d) 0	0	0	-
(Delayed 5 years; the Navy doesn't want it; nevertheless the Los Ala	amos Lab is tooling	up for production	of plutonium pi	ts (bomb cores
W88 ALT 370 (high explosives "refresh" & new fuze)	165,400	220,176	281,129	27.7
(The W88 ALT 370 further undermines the need for the Interoperab	le Warhead.)			
W80-4 Life Extension Program	0	195,037	220,253	12.9
(AKA Long Range Standoff (LRSO) nuclear weapon; controversial	warhead for new a	ir-launched cruise	missile)	
Stockpile systems	531,107	482,426	443,676	-8.0%
(Nuclear weapons maintenance, including replacement of limited life of	omponents)			
B61 Stockpile Systems	109,615	52,247	57,313	9.7
W76 Stockpile Systems	45,728	50,921	20.604	
, o stockpile systems		50,721	38,604	-24.2
W78 Stockpile Systems	62,703	64,092	38,604 56,413	
				-12.0
W78 Stockpile Systems	62,703	64,092	56,413	-12.0° -5.0°
W78 Stockpile Systems W80 Stockpile Systems	62,703 70,610	64,092 68,005	56,413 64,631	-12.0° -5.0° -1.2°
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems	62,703 70,610 63,136	64,092 68,005 42,177	56,413 64,631 41,659	-12.0° -5.0° -1.2° -8.2°
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems	62,703 70,610 63,136 91,255	64,092 68,005 42,177 89,299	56,413 64,631 41,659 81,982	-24.2° -12.0° -5.0° -1.2° -8.2° -10.9°
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems	62,703 70,610 63,136 91,255 88,060	64,092 68,005 42,177 89,299 115,685	56,413 64,631 41,659 81,982 103,074	-12.0° -5.0° -1.2° -8.2° -10.9°
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems Weapons Dismantlement and Disposition (Obama Administration has averaged around 300 dismantlements per y	62,703 70,610 63,136 91,255 88,060 50,000 rear, less than half it	64,092 68,005 42,177 89,299 115,685 52,000 ts predecessors, w	56,413 64,631 41,659 81,982 103,074 68,984 ith a ~2,500 wea	-12.0° -5.0° -1.2° -8.2° -10.9°  32.7° pons backlog)
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems  Weapons Dismantlement and Disposition (Obama Administration has averaged around 300 dismantlements per y	62,703 70,610 63,136 91,255 88,060 50,000 year, less than half in	64,092 68,005 42,177 89,299 115,685 52,000 ts predecessors, w	56,413 64,631 41,659 81,982 103,074 68,984 tith a ~2,500 wea	-12.0° -5.0° -1.2° -8.2° -10.9°  32.7° pons backlog)
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems Weapons Dismantlement and Disposition (Obama Administration has averaged around 300 dismantlements per y	62,703 70,610 63,136 91,255 88,060 50,000 rear, less than half it	64,092 68,005 42,177 89,299 115,685 52,000 ts predecessors, w	56,413 64,631 41,659 81,982 103,074 68,984 ith a ~2,500 wea	-12.0° -5.0° -1.2° -8.2° -10.9°
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems W88 Stockpile Systems  Weapons Dismantlement and Disposition (Obama Administration has averaged around 300 dismantlements per y  Stockpile Services (Provide capabilities and capacity) Production Support Management, Technology, and Production	62,703 70,610 63,136 91,255 88,060 50,000   rear, less than half in 1,034,495 350,942 226,000	64,092 68,005 42,177 89,299 115,685 <b>52,000</b> is predecessors, w <b>938,580</b> 447,527 264,994	56,413 64,631 41,659 81,982 103,074 68,984 6th a ~2,500 wea 899,689 457,043 251,978	-12.0° -5.0° -1.2' -8.2' -10.9°  32.7° pons backlog)  -4.1° -4.9°
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems W88 Stockpile Systems  Weapons Dismantlement and Disposition (Obama Administration has averaged around 300 dismantlements per y  Stockpile Services (Provide capabilities and capacity) Production Support Management, Technology, and Production  Strategic Materials (Nuclear materials to maintain the enduring stock	62,703 70,610 63,136 91,255 88,060 50,000   rear, less than half in 1,034,495 350,942 226,000	64,092 68,005 42,177 89,299 115,685 52,000 is predecessors, w 938,580 447,527 264,994	56,413 64,631 41,659 81,982 103,074 68,984 ith a ~2,500 wea 899,689 457,043 251,978	-12.0° -5.0° -1.2' -8.2' -10.9°  32.7° pons backlog)  -4.1° -4.9°
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems  Weapons Dismantlement and Disposition (Obama Administration has averaged around 300 dismantlements per y  Stockpile Services (Provide capabilities and capacity) Production Support Management, Technology, and Production  Strategic Materials (Nuclear materials to maintain the enduring stock Uranium Sustainment (de-inventory old buildings at Y-12)	62,703 70,610 63,136 91,255 88,060 50,000   rear, less than half in 1,034,495 350,942 226,000	64,092 68,005 42,177 89,299 115,685 52,000 ts predecessors, w 938,580 447,527 264,994 612,254 32,916	56,413 64,631 41,659 81,982 103,074 68,984 ith a ~2,500 wea 899,689 457,043 251,978	-12.0 -5.0 -1.2 -8.2 -10.9  32.7 pons backlog)  -4.1 -4.9 -5.6 -36.2
W78 Stockpile Systems W80 Stockpile Systems B83 Stockpile Systems W87 Stockpile Systems W88 Stockpile Systems W88 Stockpile Systems  Weapons Dismantlement and Disposition (Obama Administration has averaged around 300 dismantlements per y  Stockpile Services (Provide capabilities and capacity) Production Support Management, Technology, and Production  Strategic Materials (Nuclear materials to maintain the enduring stock	62,703 70,610 63,136 91,255 88,060  50,000 rear, less than half in 1,034,495 350,942 226,000  pile) -	64,092 68,005 42,177 89,299 115,685 <b>52,000</b> is predecessors, w <b>938,580</b> 447,527 264,994 <b>612,254</b> 32,916 174,698	56,413 64,631 41,659 81,982 103,074 68,984 ith a ~2,500 wea 899,689 457,043 251,978 577,837 20,988 184,970	-12.0 -5.0 -1.2 -8.2 -10.9  32.7' pons backlog  -4.1' -4.9'  -5.6' -36.2 5.9

(All	num	bers	in	thousand	s of	US	dollars	)

	(All numbers	in thousands of	OS donais)	
SA Total Weapons Activities (continued)	FY 2015	FY 2016	FY2017	FY16-FY1
	Enacted	Enacted	Request	<u>+</u> %
esearch, Development, Test and Evaluation	1,766,191	1,818,548	1,854,719	2.00
(Processes needed to support research and production; formerly called "Cam-	paigns")			
Science (Provide assessments of weapon performance)	412,091	423,059	441,984	4.59
Advanced Certification	58,747	58,747	58,000	-1.3
Primary Assessment Technologies	109,000	95,512	99,000	3.7
Dynamic Materials Properties	109,000	100,400	106,000	5.6
Advanced Radiography	47,000	45,700	50,500	10.5
Secondary Assessment Technologies	0	49,800	52,484	5.4
Engineering (Tools and capabilities necessary to maintain the stockpile)	136,005	131,377	139,487	6.2
Enhanced Surety	52,003	50,821	37,196	-26.8
Inertial Confinement Fusion Ignition & High Yield	512,895	511,050	522,959	2.3
(Validation of nuclear weapons design codes)	,	ŕ	ŕ	
Ignition (the National Ignition Facility failed to meet its 2012 ignition goal)	77,994	76,334	75,432	-1.2
Support of Other Stockpile Programs	23,598	22,843	23,363	2.3
Diagnostics, Cryogenics and Experimental Support	61,297	58,587	68,696	17.3
Facility Ops and Target Production (NIF, OMEGA, & Z)	335,882	339,423	340,360	0.3
Advanced Simulation and Computing Campaign	598,000	623,006	663,184	6.4
(Computer simulation of nuclear explosions)	·	•	-	
Advanced Manufacturing Development	107,200	130,056	87,105	-40.1
(Development of new manufacturing and production capabilities)	107,200	130,030	67,103	-40.1
Component Manufacturing Development	75,000	99,656	16 592	-70.8
Component Manufacturing Development	75,000	99,030	46,583	-70.0
frastructure and Operations	2,033,400	2,279,124	2,721,952	19.4
Operating	1,608,400	1,568,015	1,895,282	20.9
Operations of Facilities	896,000	830,790	824,000	-0.8
Kansas City National Security Campus	125,000	100,250	101,000	0.7
Lawrence Livermore National Laboratory	71,000	70,671	70,500	-0.2
Los Alamos National Laboratory (LANL)	198,000	196,460	196,500	0.0
Nevada National Security Site	89,000	89,000	92,500	3.9
Pantex	75,000	58,021	55,000	-5.2
Sandia National Laboratory	106,000	115,300	118,000	2.3
Savannah River Site	81,000	80,463	83,500	3.8
Y-12 National Security Complex	151,000	120,625	107,000	-11.3
Safety and Environmental Operations	-	107,701	110,000	2.1
Maintenance and Repair of Facilities	227,000	277,000	294,000	6.1
<b>Recapitalization</b> (deferred maintenance; transfer of Kansas City Plant)	224,600	352,524	667,282	89.3
Infrastructure and Safety	-	253,724	554,643	118.6
Capability Based Investments	-	98,800	112,639	14.0

	(1 III Halliotts	III tiloubullub ol	CD dollars,	
SA Total Weapons Activities (continued)	FY 2015	FY 2016	FY2017	FY16-FY17
	Enacted	Enacted	Request	<u>+</u> %
Construction	425,000	711,109	826,670	16.3%
TA-55 Reinvestment Phase III (LANL)	19,062	21,195	24,455	15.4%
Transuranic Waste Facilities (LANL)	10,518	3,322	702	-78.9%
TA-55 Reinvestment Phase II (LANL)	11,208	6,918	1,025	-85.2%
Radioactive Liquid Waste Treatment Facility (LANL)	868	15,274	259	-98.3%
Transuranic Liquid Waste Facility (LANL)	8,154	43,010	18,553	-56.9%
Uranium Processing Facility (UPF) (Y-12)	335,000	430,000	575,000	33.7%
Total UPF design and site prep costs at the end of FY 2015 are \$1.5 bil	lion with anothe	r billion expected b	efore constructi	on even begins.
NNSA promises to complete the UPF for \$6.5 billion but has radically do	ownscoped the pr	oject to even begin	to make that cla	aim. Moreover,
the agency appears intent on illegally proceeding without a supplementa	l environmental i	impact statement fo	r the many majo	or planned
changes from its original proposal.				
Chemistry & Metallurgy Research Replacement Project (LANL)	35,700	155,610	159,615	2.6%
CMRR Main	35,700	0	159,615	_

CMRR now consists of four subprojects in FY 2017, the REI2 and PEI mentioned above, plus PEI Phase 2 and recategorizing the Rad Lab to a Hazard Category 3 nuclear facility, expected all together to cost \$2 billion by 2024. NNSA did not include line item funding as expected for two underground modules for high-risk plutonium operations at a billion dollars each, but probably will next or the following year. All of this is for unneeded expanded production of up to 80 plutonium pits per year.

RLUOB ("Rad Lab") Equipment Installation, Phase 2 (REI2)

Plutonium Facility-4 Equipment Installation (PEI)

Secure Transportation Asset	219,000	237,118	282,732	19.2%
Operations and Equipment	121,882	140,000	179,132	28.0%
Program Direction - Albuquerque	97,118	97,118	103,600	6.7%
Defense Nuclear Security (guards, guns, gates and security systems)	636,123	682,891	670,133	-1.9%
IT & Cybersecurity	179,646	157,588	176,592	12.1%
<b>Legacy Contractor Pensions</b>	307,058	283,887	248,492	-12.5%

(All numbers in thousands of US dollars)

FY 2015	FY 2016	FY2017	FY16-FY17
Enacted	Enacted	Request	<u>+</u> %
1,839,281	1,940,302	1,807,916	-6.8%
424,244	426,751	337,108	-21.0%
272,919	316,584	341,094	7.7%
125,859	130,203	124,703	-4.2%
393,401	419,333	393,922	-6.1%
345,000	340,000	270,000	-20.6%
345,000	340,000	270,000	-20.6%
ting plutonium an	d disposing at the	presently closed	WIPP facility)
224,033	234,390	271,881	16.0%
102,909	94,617	83,208	-12.1%
1,233,840	1,375,496	1,420,120	3.2%
369,587	363,766	412,817	13.5%
11,399,034	12,526,512	12,884,000	2.9%
	Enacted 1,839,281  424,244 272,919 125,859 393,401 345,000 345,000 ting plutonium an 224,033 102,909  1,233,840  369,587	Enacted         Enacted           1,839,281         1,940,302           424,244         426,751           272,919         316,584           125,859         130,203           393,401         419,333           345,000         340,000           345,000         340,000           ting plutonium and disposing at the         224,033           234,390         94,617           1,233,840         1,375,496           369,587         363,766	Enacted         Enacted         Request           1,839,281         1,940,302         1,807,916           424,244         426,751         337,108           272,919         316,584         341,094           125,859         130,203         124,703           393,401         419,333         393,922           345,000         340,000         270,000           345,000         340,000         270,000           ting plutonium and disposing at the presently closed         224,033         234,390         271,881           102,909         94,617         83,208           1,233,840         1,375,496         1,420,120           369,587         363,766         412,817

Note: Columns do not add up to totals because not all budget subcategories are included here, including Use of Prior Year Balances

## **Department Of Defense Funding For NNSA Activities**

(in millions)

		DOD Suppport of	•	
		Naval Reactors	Total Weapons	NNSA Total
DoD funding for NNSA's nuclear weapons programs,	Total Future	(Included in	Activities	Weapons
which funds future large increases. There is no DoD	Funds from	Future Funds	including DOD	Activities w/o
support for nonproliferation programs.	DOD	from DOD)	funds	DOD funds
FY 2017	0	0	9,285	9,285
FY 2018	1,665	393	9,661	8,389
FY 2019	1,698	402	9,863	8,567
FY 2020	1,735	411	10,118	8,794
FY 2021	1,770	419	10,518	9,167
https://www.whitehouse.gov/sites/default/files/omb/budget/fy2017/ass	ets/doe.pdf			

## **Projected Total NNSA Funding Levels**

•	roject	cu i	, , , , , , , , , , , , , , , , , , , ,	1011	unu	5	1015										
				(	Budget	Authori	ity in bi	llions o	f dollars	s)						2017-	2017-
	year	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2021	2026
	NNSA	10.6	11.2	11.4	12.5	12.9	11.9	12.4	12.6	13.0	13.3	13.5	13.8	14.1	14.4	62.8	131.9
		https:/	//www.v	vhitehou	se.gov/s	sites/def	ault/file	s/omb/	budget/i	fy2017/	assets/b	udget.po	df Table S	S-11			

(In millions of US dollars)

	FY 2015	FY 2016	FY2017	FY16-FY17	ı
	Current	Enacted	Request	<u>+</u> %	l
DOE Defense Environmental Cleanup	5,468	5,290	5,382	1.74%	

Figures are for nation-wide cleanup of the nuclear weapons complex by the DOE Office of Environmental Management (EM). See the following tables for site-specific budget figures.

DOE eliminated cleanup lifecycle costs and dates in the FY 2017 budget, while total estimated costs increase faster than the amount of money actually spent each year. This further decreases government and contractor accountability in DOE's already deeply troubled cleanup programs.

	(All numbers in thousands of US dollars)							
Selected DOE Site Tables	FY 2015	FY 2016	FY2017	FY16-FY17				
Funding by DOE office in parentheses)	Current	Enacted	Request	<u>+</u> %				
Argonne National Laboratory	587,203	599,856	585,279	-2.43%				
Weapons Activities (NNSA)	4,010	510	0					
Science (DOE Science)	446,331	442,011	429,507	-2.83%				
Nonproliferation (NNSA)	38,622	49,196	52,491	6.70%				
Fernald Environmental Management Project (DOE EM)	1,500	1,300	1,000					
Defense Environmental Cleanup	1,500	1,300	1,000	-23.08%				
Hanford (DOE EM)	2,301,655	2,479,673	2,383,151	-3.89%				
Hanford Site	987,529	970,952	780,299					
Defense Environmental Cleanup	984,967	968,390	778,059					
Central Plateau Remediation	543,511	632,179	641,304					
River Corridor & Other Cleanup Operations	377,788	270,710	64,755					
Office of River Protection	1,220,009	1,368,022	1,458,939	6.65%				
Defense Environmental Cleanup	1,220,009	1,368,022	1,458,939	6.65%				
Tank Farm Activities	522,000	649,000	733,965	13.09%				
Waste Treatment Plant	667,000	690,000	693,000	0.43%				
Richland Operations Office	94,117	140,699	143,913					
Defense Environmental Cleanup	84,688	138,174	135,829					
Idaho National Laboratory	1,105,586	1,199,335	1,099,903	-8.29%				
Weapons Activities (NNSA)	6,187	6,030	3,065	-49.17%				
Nonproliferation (NNSA)	75,854	123,125	74,774	-39.27%				
Nuclear Energy (DOE Nuclear Energy)	450,953	488,154	464,871	-4.77%				
Naval Reactors (NNSA)	131,460	148,115	150,976	1.93%				
Defense Environmental Cleanup (DOE EM)	380,203	396,000	362,088	-8.56%				
Kansas City National Security Complex (NNSA)	414,871	435,992	405,820	-6.92%				
Weapons Activities	412,447	416,030	376,338					
Directed Stockpile Work	300,949	331,385	323,669	-2.33%				
Environment, Health, Safety and Security	10	10	10					
Nonproliferation	2,414	19,952	29,472	47.71%				
Kansas City Site Office	181,768	187,183	346,862	85.31%				
Infrastructure and Operations (NNSA)	174,772	179,655	339,112	88.76%				
[The majority of the increase is for transfer of the old Kansas City Plant to	the private sector with	out full and compl	lete cleanup.]					
Lawrence Berkeley National Laboratory	651,466	690,884	643,876					
Energy Efficiency and Renewable Energy (DOE EERE)	56,330	63,152	62,071					
Science (DOE Science)	561,531	576,617	564,009	-2.19%				
Lawrence Livermore National Laboratory (NNSA)	1,251,466	1,255,933	1,239,440					
Weapons Activities	1,043,750	1,094,073	1,069,973					
Directed Stockpile Work	135,886	202,052	181,444					
Nonproliferation	63,864	103,003	113,307					
Cleanup	1,128	1,128	1,147	1.68%				

	(All numbers in thousands of US dollars)								
elected DOE Site Tables (continued)	FY 2015	FY 2016	FY2017	FY16-FY17					
	Current	Enacted	Request	<u>+</u> %					
Los Alamos National Laboratory	1,953,616	2,201,726	2,104,443	-4.4%					
Weapons Activities (NNSA)	1,486,250	1,695,685	1,575,842						
Directed Stockpile Work	501,090	611,735	580,868						
Energy Efficiency and Renewable Energy (DOE EERE)	14,734	11,982	14,036						
Nonproliferation (NNSA)	165,977	219,800	246,247						
Cleanup (DOE EM)	187,245	181,606	189,000	4.1%					
Miamisburg Site	8,408	9,500	0						
Non-Defense Environmental Cleanup (DOE EM)	8,408	9,500	0	-100.0%					
National Energy Technology Lab	306,551	292,274	325,743						
Energy Efficiency and Renewable Energy (DOE EERE)	162,338	205,546	367,014						
Weapons Activities (NNSA)	14,086	9,857	8,216						
Directed Stockpile Work	11,066	8,101	8,216						
Fossil Energy Research and Development (DOE Fossil Fuel)	476,399	555,762	529,690	-4.7%					
Nevada National Security Site (NNSA)	414,636	414,714	438,551	5.75%					
Weapons Activities	296,558	266,329	315,141	18.33%					
Directed Stockpile Work	38,247	47,885	47,964	0.16%					
Nonproliferation	71,634	109,825	81,223	-26.04%					
Cleanup	46,444	38,560	42,187	9.41%					
NNSA Albuquerque Complex (NNSA)	466,495	675,702	617,224	-8.65%					
Weapons Activities	339,415	545,452	472,691	-13.34%					
Directed Stockpile Work	76,008	234,609	169,233						
Secure Transportation Asset	183,178	183,438	210,040						
Nonproliferation	108,098	115,029	129,754	12.80%					
Oak Ridge National Laboratory	1,074,535	1,087,990	1,058,672	-2.69%					
Weapons Activities (NNSA)	7,740	36,348	5,828	-83.97%					
Directed Stockpile Work	0	32,083	2,353	-92.67%					
Energy Efficiency and Renewable Energy (DOE EERE)	102,646	105,663	115,205	9.03%					
Science (DOE Science)	715,613	687,085	691,824						
Nonproliferation (NNSA)	96,394	81,025	76,358						
Defense Environmental Cleanup (DOE EM)	39,858	81,795	87,720	7.24%					
Paducah Gaseous Diffusion Plant	284,643	283,477	290,251	2.39%					
Non-Defense Environmental Cleanup (DOE EM)	52,866	52,866	50,345						
Uranium Enrichment Decon. & Decom. Fund (DOE EM)	209,590	202,300	207,916	2.78%					
Pantex Plant (NNSA)	551,230	661,417	707,744	1					
Weapons Activities	549,220	654,182	698,866						
Directed Stockpile Work	222,324	316,897	369,106						
Environment, Health, Safety and Security	10	10	10						
Nonproliferation	2,000	7,225	8,868	22.74%					
Portsmouth Gaseous Diffusion Plant	279,928	295,070	326,820	10.76%					
Non-Defense Environmental Cleanup (DOE EM)	49,517	51,517	50,959						
Uranium Enrichment Decon. & Decom. Fund (DOE EM)	215,819	226,961	256,945	13.21%					
Rocky Flats Site	58,242	57,049	50,994						
Legacy Management (DOE LM)	54,853	53,460	42,605						
Defense Environmental Cleanup (DOE EM)	3,389	3,589	8,389	133.74%					

	(All liullibers i	iii uiousaiius oi	JS dollars)	
Selected DOE Site Tables (continued)	FY 2015	FY 2016	FY2017	FY16-FY17
·	Current	Enacted	Request	+%
Sandia National Laboratories (NNSA)	1,875,289	1,898,607	1,913,937	0.81%
Weapons Activities	1,584,053	1,575,895	1,579,907	0.25%
Directed Stockpile Work	972,110	986,508	956,084	-3.08%
Nonproliferation	142,464	177,512	178,424	
Cleanup	2,801	2,500		
Savannah River Operations Office	553,973	531,632	468,833	-11.81%
Nonproliferation (NNSA)	348,106	334,006	259,400	-22.34%
Nonproliferation Construction/ Fissile Materials Disposition	337,304	330,000	255,000	-22.73%
Defense Environmental Cleanup (DOE EM)	193,738	185,972	193,372	3.98%
Safeguards and Security	138,235	128,145	134,000	4.57%
Savannah River Site	1,373,612	1,497,418	1,655,451	10.55%
Weapons Activities (NNSA)	238,591	241,904	250,175	3.42%
Directed Stockpile Work (tritium extraction and processing)	90,016	110,407	103,249	-6.48%
Nonproliferation (NNSA)	24,727	58,342	102,525	75.73%
Cleanup (DOE EM)	1,110,294	1,197,172	1,302,751	8.82%
University of Rochester	67,963	64,264	61,830	-3.79%
Weapons Activities (NNSA; Omega laser)	67,963	64,264	61,830	-3.79%
Internal Confinement Fusion Ignition High Yield Campaign	67,963	64,264	61,830	-3.79%
Washington Headquarters	4,119,761	4,584,175	5,739,895	25.21%
Weapons Activities (NNSA)	634,108	664,139	926,220	39.46%
Directed Stockpile Work	82,461	87,593	161,660	84.56%
Defense Environmental Cleanup (DOE EM)	569,945	108,435	271,609	150.48%
Nonproliferation (NNSA)	137,258	181,121	172,142	-4.96%
Waste Isolation Pilot Plant	322,061	300,029	266,196	-11.28%
Weapons Activities (NNSA)	2,061	0	0	-
Defense Environmental Cleanup (DOE EM)	320,000	299,978	266,140	-11.28%
Nonproliferation (NNSA) [WIPP, closed since February 2014 after a radioactive waste drum from Los Al	amos runtured, wi	51 Il cost at least a ba	56 If billion dollars	9.80%
Y-12 National Security Complex (NNSA)	271,678	397,335	406,516	
Weapons Activities	258,321	397,335	406,516	2.31%
Directed Stockpile Work	250,628	388,016	397,358	2.41%
Nonproliferation	13,357	0	0	-
Y-12 Site Office	911,869	979,219	1,155,224	17.97%
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Weapons Activities (NNSA)	844,354	858,605	1,057,304	
Weapons Activities (NNSA)  Infrastructure and Operations (the majority is for UPF design costs)	844,354	858,605 663,089	1,057,304 851,220	
	844,354			23.14% 28.37% -0.34%

Sources: http://energy.gov/cfo/downloads/fy-2017-budget-justification, Volume 1 and Laboratory Tables

A PDF is of this compilation is available for download at: http://nukewatch.org/economics/NukeWatch-FY17-NNSA-Budget-Analysis.pdf

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