

**Office of Science**  
**FY 2015–2017 Appropriation Summary**  
(budget authority in thousands)

	FY 2015 Enacted Approp.	FY 2015 Current Approp. <sup>a</sup>	FY 2016 Enacted Approp.	FY 2017 President's Request	FY 2017 President's Request vs. FY 2016 Enacted Appropriation	FY 2017 House Mark <sup>b</sup>	FY 2017 House Mark vs. FY 2017 President's Request	FY 2017 Senate Mark <sup>c</sup>	FY 2017 Senate Mark vs. FY 2017 President's Request			
<b>Science</b>												
Advanced Scientific Computing Research												
Research	541,000	523,411	621,000	509,180	-111,820	-18.0%	470,000	-39,180	-7.7%	502,180	-7,000	-1.4%
17-SC-20 Office of Science Exascale Computing Project (SC-ECP)	.....	.....	.....	154,000	+154,000	.....	151,000	-3,000	-1.9%	154,000	.....	.....
Total, Advanced Scientific Computing Research	541,000	523,411	621,000	663,180	+42,180	+6.8%	621,000	-42,180	-6.4%	656,180	-7,000	-1.1%
Basic Energy Sciences												
Research	1,594,500	1,544,224	1,648,700	1,746,730	+98,030	+5.9%	1,669,972	-76,758	-4.4%	1,722,630	-24,100	-1.4%
Construction												
13-SC-10 Linac Coherent Light Source-II, SLAC	138,700	138,700	200,300	190,000	-10,300	-5.1%	190,000	.....	.....	190,000	.....	.....
Total, Construction	138,700	138,700	200,300	190,000	-10,300	-5.1%	190,000	.....	.....	190,000	.....	.....
Total, Basic Energy Sciences	1,733,200	1,682,924	1,849,000	1,936,730	+87,730	+4.7%	1,859,972	-76,758	-4.0%	1,912,630	-24,100	-1.2%
Biological and Environmental Research	592,000	572,618	609,000	661,920	+52,920	+8.7%	595,000	-66,920	-10.1%	637,000	-24,920	-3.8%
Fusion Energy Sciences												
Research	317,500	307,366	323,000	273,178	-49,822	-15.4%	325,000	+51,822	+19.0%	280,110	+6,932	+2.5%
Construction												
14-SC-60 ITER	150,000	150,000	115,000	125,000	+10,000	+8.7%	125,000	.....	.....	.....	-125,000	-100.0%
Total, Fusion Energy Sciences	467,500	457,366	438,000	398,178	-39,822	-9.1%	450,000	+51,822	+13.0%	280,110	-118,068	-29.7%
High Energy Physics												
Research	729,000	708,232	728,900	729,476	+576	+0.1%	729,509	+33	+0.0%	734,476	+5,000	+0.7%
Construction												
11-SC-40 PED Long Baseline Neutrino Facility, FNAL	12,000	12,000	26,000	45,021	+19,021	+73.2%	50,000	+4,979	+11.1%	55,021	+10,000	+22.2%
11-SC-41 Muon to Electron Conversion Experiment, FNAL	25,000	25,000	40,100	43,500	+3,400	+8.5%	43,500	.....	.....	43,500	.....	.....
Total, Construction	37,000	37,000	66,100	88,521	+22,421	+33.9%	93,500	+4,979	+5.6%	98,521	+10,000	+11.3%
Total, High Energy Physics	766,000	745,232	795,000	817,997	+22,997	+2.9%	823,009	+5,012	+0.6%	832,997	+15,000	+1.8%

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Nuclear Physics												
Operation and maintenance	489,000	474,244	509,600	535,658	+26,058	+5.1%	520,000	-15,658	-2.9%	535,658	.....	.....
Construction												
14-SC-50 Facility for Rare Isotope Beams, Michigan State University	90,000	90,000	100,000	100,000	.....	.....	100,000	.....	.....	100,000	.....	.....
06-SC-01 12 GeV CEBAF Upgrade, TJNAF	16,500	16,500	7,500	.....	-7,500	-100.0%	.....	.....	.....	.....	.....	.....
Total, Construction	106,500	106,500	107,500	100,000	-7,500	-7.0%	100,000	.....	.....	100,000	.....	.....
Total, Nuclear Physics	595,500	580,744	617,100	635,658	+18,558	+3.0%	620,000	-15,658	-2.5%	635,658	.....	.....
Workforce Development for Teachers and Scientists	19,500	19,500	19,500	20,925	+1,425	+7.3%	20,925	.....	.....	20,925	.....	.....
Science Laboratories Infrastructure												
Infrastructure Support												
Payment in Lieu of Taxes	1,713	1,713	1,713	1,764	+51	+3.0%	1,764	.....	.....	1,764	.....	.....
Oak Ridge Landlord	5,777	5,777	6,177	6,182	+5	+0.1%	6,182	.....	.....	6,182	.....	.....
Facilities and Infrastructure	6,100	6,100	24,800	32,603	+7,803	+31.5%	25,000	-7,603	-23.3%	32,603	.....	.....
Oak Ridge Nuclear Operations	.....	.....	12,000	26,000	+14,000	+116.7%	26,000	.....	.....	26,000	.....	.....
Total, Infrastructure Support	13,590	13,590	44,690	66,549	+21,859	+48.9%	58,946	-7,603	-11.4%	66,549	.....	.....
Construction												
17-SC-71 Integrated Engineering Research Center	.....	.....	.....	2,500	+2,500	.....	2,500	.....	.....	2,500	.....	.....
17-SC-73 Core Facility Revitalization, BNL	.....	.....	.....	1,800	+1,800	.....	1,800	.....	.....	1,800	.....	.....
15-SC-75 Infrastructure and Operational Improvements, PPPL	25,000	25,000	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
15-SC-76 Materials Design Laboratory, ANL	7,000	7,000	23,910	19,590	-4,320	-18.1%	19,590	.....	.....	19,590	.....	.....
15-SC-77 Photon Science Laboratory Building, SLAC	10,000	10,000	25,000	20,000	-5,000	-20.0%	20,000	.....	.....	20,000	.....	.....
15-SC-78 Integrative Genomics Building, LBNI	12,090	12,090	20,000	19,561	-439	-2.2%	19,561	.....	.....	19,561	.....	.....
12-SC-70 Science and User Support Building, SLAC	11,920	11,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, Construction	66,010	66,010	68,910	63,451	-5,459	-7.9%	63,451	.....	.....	63,451	.....	.....
Total, Science Laboratories Infrastructure	79,600	79,600	113,600	130,000	+16,400	+14.4%	122,397	-7,603	-5.8%	130,000	.....	.....
Safeguards and Security	93,000	93,000	103,000	103,000	.....	.....	103,000	.....	.....	103,000	.....	.....
Program Direction	183,700	183,700	185,000	204,481	+19,481	+10.5%	184,697	-19,784	-9.7%	191,500	-12,981	-6.3%
University Grants (Mandatory)	.....	.....	.....	100,000	+100,000	.....	.....	-100,000	-100.0%	.....	-100,000	-100.0%

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Small Business Innovation Research/Technology Transfer (SBIR/STTR) (SC portion)	.....	132,905	.....	.....	.....	.....	.....	.....	.....
Subtotal, Office of Science	5,071,000	5,071,000	5,350,200	5,672,069	+321,869	+6.0%	5,400,000	-272,069	-4.8%
SBIR/STTR (DOE transfer)	.....	65,075	.....	.....	.....	.....	.....	.....	.....
Use of prior year balances	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rescission of prior year balances	-3,262	-3,262	-3,200	.....	+3,200	+100.0%	.....	.....	.....
Total, Office of Science	5,067,738	5,132,813	5,347,000	5,672,069	+325,069	+6.1%	5,400,000	-272,069	-4.8%
Recap:									
SBIR/STTR (total)	.....	197,980	.....	.....	.....	.....	.....	.....	.....

<sup>a</sup> The FY 2015 Current column reflects the enacted appropriation, the reallocation of SBIR/STTR funding within the Science account onto the SBIR/STTR (SC portion) line, and the transfer of SBIR/STTR funding from the other DOE programs into the SBIR/STTR (DOE transfer) line.

<sup>b</sup> The FY 2017 House column reflects the funding level passed by the House on April 26, 2016, as reflected in the Energy and Water Development committee report, H.Rpt. 114-532.

<sup>c</sup> The FY 2017 Senate column reflects the funding level passed by the Senate on April 14, 2016, as reflected in the Energy and Water Development committee report, S.Rpt. 114-236.