

**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 2016 Current Approp. <sup>b</sup>	FY 2017 President's Request	FY 2017 President's Request vs. FY 2016 Enacted Appropriation	FY 2017 House Mark <sup>c</sup>	FY 2017 House Mark vs. FY 2017 President's Request	FY 2017 Senate Mark <sup>d</sup>	FY 2017 Senate Mark vs. FY 2017 President's Request	FY 2017 Enacted Approp.	FY 2017 Enacted Approp. vs. FY 2017 President's Request				
<b>Science</b>																
Advanced Scientific Computing Research																
Research	541,000	523,411	621,000	599,782	509,180	-111,820	-18.0%	470,000	-39,180	-7.7%	502,180	-7,000	-1.4%	483,000	-26,180	-5.1%
17-SC-20 Office of Science Exascale Computing Project (SC-ECP)	.....	.....	.....	.....	154,000	+154,000	.....	151,000	-3,000	-1.9%	154,000	.....	.....	164,000	+10,000	+6.5%
Total, Advanced Scientific Computing Research	541,000	523,411	621,000	599,782	663,180	+42,180	+6.8%	621,000	-42,180	-6.4%	656,180	-7,000	-1.1%	647,000	-16,180	-2.4%
Basic Energy Sciences																
Research	1,594,500	1,544,224	1,648,700	1,594,112	1,746,730	+98,030	+5.9%	1,669,972	-76,758	-4.4%	1,722,630	-24,100	-1.4%	1,681,500	-65,230	-3.7%
Construction																
13-SC-10 Linac Coherent Light Source-II, SLAC	138,700	138,700	200,300	200,300	190,000	-10,300	-5.1%	190,000	.....	.....	190,000	.....	.....	190,000	.....	.....
Total, Construction	138,700	138,700	200,300	200,300	190,000	-10,300	-5.1%	190,000	.....	.....	190,000	.....	.....	190,000	.....	.....
Total, Basic Energy Sciences	1,733,200	1,682,924	1,849,000	1,794,412	1,936,730	+87,730	+4.7%	1,859,972	-76,758	-4.0%	1,912,630	-24,100	-1.2%	1,871,500	-65,230	-3.4%
Biological and Environmental Research	592,000	572,618	609,000	588,145	661,920	+52,920	+8.7%	595,000	-66,920	-10.1%	637,000	-24,920	-3.8%	612,000	-49,920	-7.5%
Fusion Energy Sciences																
Research	317,500	307,366	323,000	312,267	273,178	-49,822	-15.4%	325,000	+51,822	+19.0%	280,110	+6,932	+2.5%	330,000	+56,822	+20.8%
Construction																
14-SC-60 ITER	150,000	150,000	115,000	115,000	125,000	+10,000	+8.7%	125,000	.....	.....	.....	-125,000	-100.0%	50,000	-75,000	-60.0%
Total, Fusion Energy Sciences	467,500	457,366	438,000	427,267	398,178	-39,822	-9.1%	450,000	+51,822	+13.0%	280,110	-118,068	-29.7%	380,000	-18,178	-4.6%
High Energy Physics																
Research	729,000	708,232	728,900	708,053	729,476	+576	+0.1%	729,509	+33	+0.0%	734,476	+5,000	+0.7%	731,500	+2,024	+0.3%
Construction																
11-SC-40 PED Long Baseline Neutrino Facility, FNAL	12,000	12,000	26,000	26,000	45,021	+19,021	+73.2%	50,000	+4,979	+11.1%	55,021	+10,000	+22.2%	50,000	+4,979	+11.1%
11-SC-41 Muon to Electron Conversion Experiment, FNAL	25,000	25,000	40,100	40,100	43,500	+3,400	+8.5%	43,500	.....	.....	43,500	.....	.....	43,500	.....	.....
Total, Construction	37,000	37,000	66,100	66,100	88,521	+22,421	+33.9%	93,500	+4,979	+5.6%	98,521	+10,000	+11.3%	93,500	+4,979	+5.6%
Total, High Energy Physics	766,000	745,232	795,000	774,153	817,997	+22,997	+2.9%	823,009	+5,012	+0.6%	832,997	+15,000	+1.8%	825,000	+7,003	+0.9%
Nuclear Physics																
Operation and maintenance	489,000	474,244	509,600	493,454	535,658	+26,058	+5.1%	520,000	-15,658	-2.9%	535,658	.....	.....	522,000	-13,658	-2.5%
Construction																
14-SC-50 Facility for Rare Isotope Beams, Michigan State University	90,000	90,000	100,000	100,000	100,000	.....	.....	100,000	.....	.....	100,000	.....	.....	100,000	.....	.....
06-SC-01 12 GeV CEBAF Upgrade, TJNAF	16,500	16,500	7,500	7,500	.....	-7,500	-100.0%	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total, Construction	106,500	106,500	107,500	107,500	100,000	-7,500	-7.0%	100,000	.....	.....	100,000	.....	.....	100,000	.....	.....
Total, Nuclear Physics	595,500	580,744	617,100	600,954	635,658	+18,558	+3.0%	620,000	-15,658	-2.5%	635,658	.....	.....	622,000	-13,658	-2.1%
Workforce Development for Teachers and Scientists	19,500	19,500	19,500	19,500	20,925	+1,425	+7.3%	20,925	.....	.....	20,925	.....	.....	19,500	-1,425	-6.8%
Science Laboratories Infrastructure																
Infrastructure Support																
Payment in Lieu of Taxes	1,713	1,713	1,713	1,713	1,764	+51	+3.0%	1,764	.....	.....	1,764	.....	.....	1,764	.....	.....
Oak Ridge Landlord	5,777	5,777	6,177	6,177	6,182	+5	+0.1%	6,182	.....	.....	6,182	.....	.....	6,182	.....	.....
Facilities and Infrastructure	6,100	6,100	24,800	24,800	32,603	+7,803	+31.5%	25,000	-7,603	-23.3%	32,603	.....	.....	32,603	.....	.....
Oak Ridge Nuclear Operations	.....	.....	12,000	12,000	26,000	+14,000	+116.7%	26,000	.....	.....	26,000	.....	.....	26,000	.....	.....
Total, Infrastructure Support	13,590	13,590	44,690	44,690	66,549	+21,859	+48.9%	58,946	-7,603	-11.4%	66,549	.....	.....	66,549	.....	.....

**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 2016 Current Approp. <sup>b</sup>	FY 2017 President's Request	FY 2017 President's Request vs. FY 2016 Enacted Appropriation	FY 2017 House Mark <sup>c</sup>	FY 2017 House Mark vs. FY 2017 President's Request	FY 2017 Senate Mark <sup>d</sup>	FY 2017 Senate Mark vs. FY 2017 President's Request	FY 2017 Enacted Approp.	FY 2017 Enacted Approp. vs. FY 2017 President's Request
<b>Construction</b>												
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	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	25,000	20,000	-5,000	-20.0%	20,000	.....	.....	20,000	.....
15-SC-78 Integrative Genomics Building, LBNL	12,090	12,090	20,000	20,000	19,561	-439	-2.2%	19,561	.....	.....	19,561	.....
12-SC-70 Science and User Support Building, SLAC	11,920	11,920	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
<b>Total, Construction</b>	<b>66,010</b>	<b>66,010</b>	<b>68,910</b>	<b>68,910</b>	<b>63,451</b>	<b>-5,459</b>	<b>-7.9%</b>	<b>63,451</b>	<b>.....</b>	<b>.....</b>	<b>63,451</b>	<b>.....</b>
<b>Total, Science Laboratories Infrastructure</b>	<b>79,600</b>	<b>79,600</b>	<b>113,600</b>	<b>113,600</b>	<b>130,000</b>	<b>+16,400</b>	<b>+14.4%</b>	<b>122,397</b>	<b>-7,603</b>	<b>-5.8%</b>	<b>130,000</b>	<b>.....</b>
<b>Safeguards and Security</b>	<b>93,000</b>	<b>93,000</b>	<b>103,000</b>	<b>103,000</b>	<b>103,000</b>	<b>.....</b>	<b>.....</b>	<b>103,000</b>	<b>.....</b>	<b>.....</b>	<b>103,000</b>	<b>.....</b>
<b>Program Direction</b>	<b>183,700</b>	<b>183,700</b>	<b>185,000</b>	<b>185,000</b>	<b>204,481</b>	<b>+19,481</b>	<b>+10.5%</b>	<b>184,697</b>	<b>-19,784</b>	<b>-9.7%</b>	<b>191,500</b>	<b>-12,981</b>
<b>University Grants (Mandatory)</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>100,000</b>	<b>+100,000</b>	<b>.....</b>	<b>.....</b>	<b>-100,000</b>	<b>-100.0%</b>	<b>.....</b>	<b>-100,000</b>
<b>Small Business Innovation Research/Technology Transfer (SBIR/STTR) (SC portion)</b>	<b>.....</b>	<b>132,905</b>	<b>.....</b>	<b>144,387</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>	<b>.....</b>
<b>Subtotal, Office of Science</b>	<b>5,071,000</b>	<b>5,071,000</b>	<b>5,350,200</b>	<b>5,350,200</b>	<b>5,672,069</b>	<b>+321,869</b>	<b>+6.0%</b>	<b>5,400,000</b>	<b>-272,069</b>	<b>-4.8%</b>	<b>5,400,000</b>	<b>-272,069</b>
SBIR/STTR (DOE transfer)	.....	65,075	.....	72,438	.....	.....	.....	.....	.....	.....	.....	.....
Rescission of prior year balances	-3,262	-3,262	-3,200	-3,200	.....	+3,200	+100.0%	.....	.....	.....	.....	-239
<b>Total, Office of Science</b>	<b>5,067,738</b>	<b>5,132,813</b>	<b>5,347,000</b>	<b>5,419,438</b>	<b>5,672,069</b>	<b>+325,069</b>	<b>+6.1%</b>	<b>5,400,000</b>	<b>-272,069</b>	<b>-4.8%</b>	<b>5,400,000</b>	<b>-272,069</b>
<b>Recap:</b>												
SBIR/STTR (total)	.....	197,980	.....	216,825	.....	.....	.....	.....	.....	.....	.....	.....

<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 2016 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>c</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>d</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.