

**Science**  
**Funding by Congressional Control (\$K)**

	FY 2017 Enacted	FY 2018 Annualized CR <sup>a</sup>	FY 2019 Request	FY 2019 Request vs FY 2017 Enacted
<b>Advanced Scientific Computing Research</b>				
Research	483,000	479,720	666,304	+183,304
17-SC-20 Office of Science Exascale Computing Project (SC-ECP)	164,000	162,886	232,706	+68,706
<b>Total, Advanced Scientific Computing Research</b>	<b>647,000</b>	<b>642,606</b>	<b>899,010</b>	<b>+252,010</b>
<b>Basic Energy Sciences</b>				
Research	1,681,500	1,670,081	1,635,700	-45,800
<b>Construction</b>				
13-SC-10 Linac Coherent Light Source-II, SLAC	190,000	188,710	139,300	-50,700
18-SC-10 Advanced Photon Source Upgrade, ANL	0	—	60,000	+60,000
19-SC-10 Advanced Light Source Upgrade, LBNL	0	—	10,000	+10,000
19-SC-11 Linac Coherent Light Source-II-High Energy, SLAC	0	—	5,000	+5,000
<b>Total, Construction</b>	<b>190,000</b>	<b>188,710</b>	<b>214,300</b>	<b>+24,300</b>
<b>Total, Basic Energy Sciences</b>	<b>1,871,500</b>	<b>1,858,791</b>	<b>1,850,000</b>	<b>-21,500</b>
<b>Biological and Environmental Research</b>	<b>612,000</b>	<b>607,844</b>	<b>500,000</b>	<b>-112,000</b>
<b>Fusion Energy Sciences</b>				
Research	330,000	327,759	265,000	-65,000
<b>Construction</b>				
14-SC-60 ITER	50,000	49,660	75,000	+25,000
<b>Total, Fusion Energy Sciences</b>	<b>380,000</b>	<b>377,419</b>	<b>340,000</b>	<b>-40,000</b>

<sup>a</sup> A full-year 2018 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Continuing Appropriations Act, 2018 (Division D of P.L. 115-56, as amended). The amounts included for 2018 reflect the annualized level provided by the continuing resolution. (These amounts are shown only at the Congressional control level and above; below that level, a dash (—) is shown).

	<b>FY 2017 Enacted<sup>a</sup></b>	<b>FY 2018 Annualized CR<sup>b</sup></b>	<b>FY 2019 Request</b>	<b>FY 2019 Request vs FY 2017 Enacted</b>
<b>High Energy Physics</b>				
Research	731,500	726,532	627,000	-104,500
<b>Construction</b>				
11-SC-40 Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment, FNAL	50,000	49,660	113,000	+63,000
11-SC-41 Muon to Electron Conversion Experiment, FNAL	43,500	43,205	30,000	-13,500
<b>Total, Construction</b>	<b>93,500</b>	<b>92,865</b>	<b>143,000</b>	<b>+49,500</b>
<b>Total, High Energy Physics</b>	<b>825,000</b>	<b>819,397</b>	<b>770,000</b>	<b>-55,000</b>
<b>Nuclear Physics</b>				
Operation and Maintenance	522,000	520,576	525,000	+3,000
<b>Construction</b>				
14-SC-50 Facility for Rare Isotope Beams, Michigan State University	100,000	97,200	75,000	-25,000
<b>Total, Construction</b>	<b>100,000</b>	<b>97,200</b>	<b>75,000</b>	<b>-25,000</b>
<b>Total, Nuclear Physics</b>	<b>622,000</b>	<b>617,776</b>	<b>600,000</b>	<b>-22,000</b>
<b>Workforce Development for Teachers and Scientists</b>	<b>19,500</b>	<b>19,368</b>	<b>19,000</b>	<b>-500</b>
<b>Science Laboratories Infrastructure</b>				
Infrastructure Support				
Payment in Lieu of Taxes	1,764	1,752	1,513	-251
Oak Ridge Landlord	6,182	6,140	6,434	+252
Facilities and Infrastructure	32,603	32,382	30,724	-1,879
Oak Ridge Nuclear Operations	26,000	25,823	10,000	-16,000
<b>Total, Infrastructure Support</b>	<b>66,549</b>	<b>66,097</b>	<b>48,671</b>	<b>-17,878</b>

	FY 2017 Enacted <sup>a</sup>	FY 2018 Annualized CR <sup>b</sup>	FY 2019 Request	FY 2019 Request vs FY 2017 Enacted
<b>Construction</b>				
19-SC-71 Science User Support Center, BNL	0	—	2,000	+2,000
19-SC-72 Electrical Capacity and Distribution Capability, ANL	0	—	20,000	+20,000
18-SC-71 Energy Science Capability at PNNL	0	—	4,000	+4,000
17-SC-71 Integrated Engineering Research Center, FNAL	2,500	2,483	5,000	+2,500
17-SC-73 Core Facility Revitalization at BNL	1,800	1,788	13,632	+11,832
15-SC-76 Materials Design Laboratory at ANL	19,590	19,457	20,000	+410
15-SC-77 Photon Science Laboratory Building at SLAC	20,000	19,864	0	-20,000
15-SC-78 Integrative Genomics Building at LBNL	19,561	19,428	13,549	-6,012
<b>Total, Construction</b>	<b>63,451</b>	<b>63,020</b>	<b>78,181</b>	<b>+14,730</b>
<b>Total, Science Laboratories Infrastructure</b>	<b>130,000</b>	<b>129,117</b>	<b>126,852</b>	<b>-3,148</b>
<b>Safeguards and Security</b>	<b>103,000</b>	<b>102,301</b>	<b>106,110</b>	<b>+3,110</b>
<b>Program Direction</b>	<b>182,000</b>	<b>180,764</b>	<b>180,000</b>	<b>-2,000</b>
<b>Subtotal, Science</b>	<b>5,392,000</b>	<b>5,355,383</b>	<b>5,390,972</b>	<b>-1,028</b>
<b>Rescission of prior year balances</b>	<b>-1,028</b>	<b>-1,021</b>	<b>0</b>	<b>+1,028</b>
<b>Total, Science</b>	<b>5,390,972</b>	<b>5,354,362</b>	<b>5,390,972</b>	<b>0</b>
<b>Federal FTEs</b>	<b>870</b>	<b>825</b>	<b>835</b>	<b>-35</b>

SBIR/STTR:

- FY 2017 Enacted: SBIR: \$134,016,000 and STTR: \$18,845,000 (SC only)
- FY 2019 Request: SBIR: \$128,083,000 and STTR: \$18,096,000 (SC only)