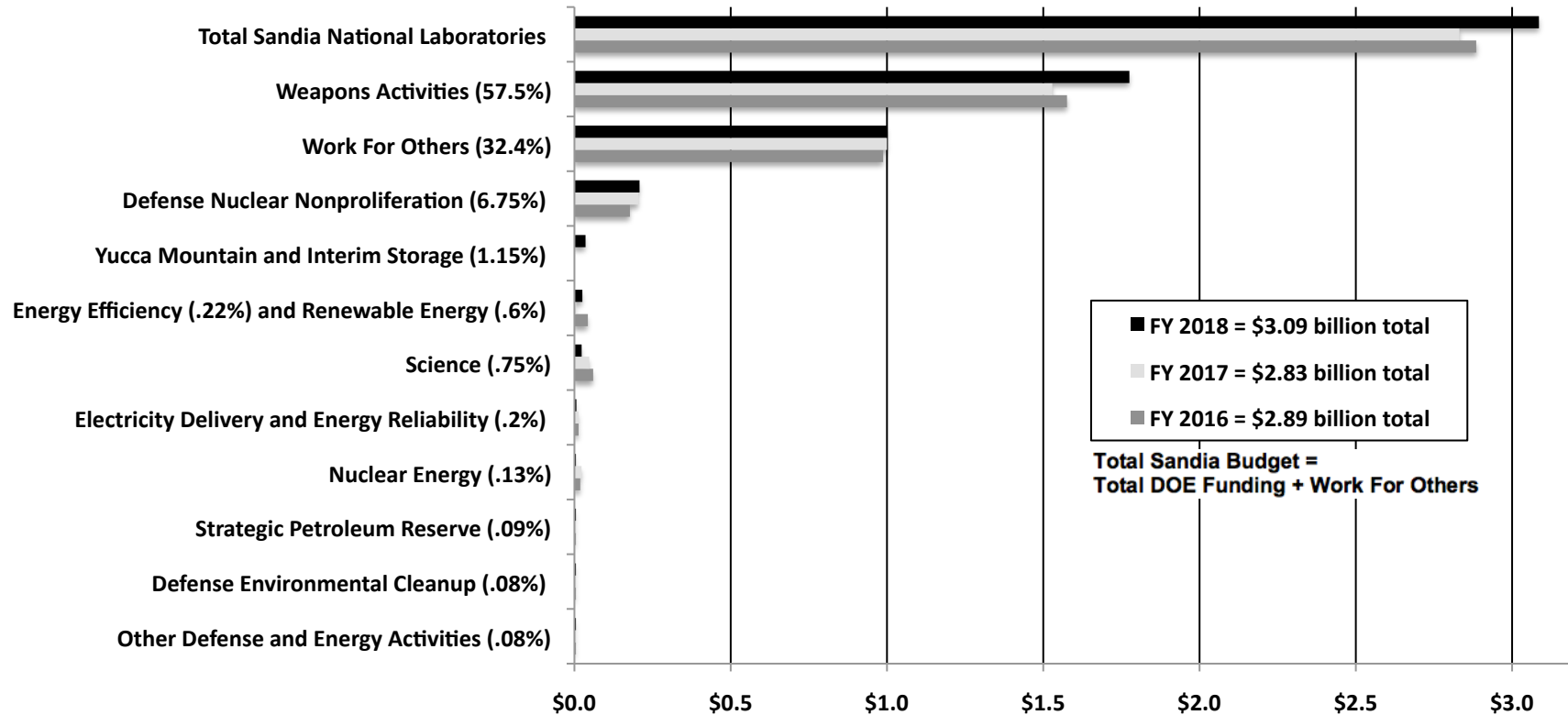


# Sandia National Laboratories FY 2018 Congressional Budget Request

(In billions of dollars)



Notes: The percentages are of Sandia's total budget for FY 2018. "Work For Others" is for other than DOE (e.g., the Depts. of Defense and Homeland Security, FBI, CIA, etc.) and is based on Sandia's past years "Facts and Figures." Work For Others is currently estimated at one billion dollars annually.

Department Of Energy  
 FY 2018 Congressional Budget  
 Laboratory Table  
 (Dollars In Thousands)

5/18/2017  
 3:51:17PM  
 Page 92 of 128

Sandia National Laboratories	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<b>Electricity Delivery and Energy Reliability</b>			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$1,101	\$1,099	\$1,100
Resilient Distribution Systems	\$1,127	\$1,125	\$500
Cybersecurity for Energy Delivery Systems	\$1,191	\$1,189	\$0
Energy Storage	\$9,129	\$9,112	\$4,000
Transformer Resilience and Advanced Components	\$69	\$69	\$500
Transmission Permitting and Technical Assistance	\$381	\$380	\$185
Infrastructure Security & Energy Restoration	\$300	\$299	\$0
<i>Total Electricity Delivery and Energy Reliability</i>	<i>\$13,298</i>	<i>\$13,273</i>	<i>\$6,285</i>
<i>Total Electricity Delivery and Energy Reliability</i>	<i>\$13,298</i>	<i>\$13,273</i>	<i>\$6,285</i>
<b>Nuclear Energy</b>			
<i>Fuel Cycle R &amp; D</i>			
Fuel Cycle R & D	\$13,102	\$13,000	\$1,000
<i>Nuclear Energy Enabling Technologies</i>			
Nuclear Energy Enabling Technologies	\$1,224	\$1,100	\$100
<i>Reactors Concepts RD&amp;D</i>			
Reactors Concepts RD&D	\$3,870	\$3,790	\$3,000
<i>International Nuclear Energy Cooperation</i>			
International Nuclear Energy Cooperation	\$190	\$0	\$0
<i>SMR Licensing Technical Support</i>			
SMR Licensing Technical Support	\$200	\$0	\$0
<i>Supercritical Transformational Electric Power Generation</i>			
Supercritical Transformational Electric Power Generation	\$0	\$4,760	\$0
<i>Total Nuclear Energy</i>	<i>\$18,586</i>	<i>\$22,650</i>	<i>\$4,100</i>
<b>Energy Efficiency and Renewable Energy</b>			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$4,248	\$4,672	\$4,199
Geothermal Technologies	\$2,790	\$1,145	\$2,635
Hydrogen & Fuel Cell Technologies	\$5,200	\$6,123	\$5,436
Water Power	\$4,620	\$6,562	\$2,400
Solar Energy	\$13,300	\$12,593	\$4,000
Vehicle Technologies	\$9,665	\$11,874	\$4,597
Building Technologies	\$0	\$183	\$0
Federal Energy Management Program	\$90	\$0	\$0
Advanced Manufacturing	\$225	\$500	\$0
Strategic Programs	\$130	\$402	\$0
Bioenergy Technologies	\$2,688	\$8,286	\$2,100
<i>Total Energy Efficiency and Renewable Energy</i>	<i>\$42,956</i>	<i>\$52,340</i>	<i>\$25,367</i>
<i>Total Energy Efficiency and Renewable Energy</i>	<i>\$42,956</i>	<i>\$52,340</i>	<i>\$25,367</i>
<b>Nuclear Waste Disposal</b>			
<i>Yucca Mountain and Interim Storage</i>			
Yucca Mountain and Interim Storage	\$0	\$0	\$35,480

Department Of Energy  
 FY 2018 Congressional Budget  
 Laboratory Table  
 (Dollars In Thousands)

5/18/2017  
 3:51:17PM  
 Page 93 of 128

Sandia National Laboratories	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$35,480
<b>Science</b>			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$11,768	\$2,829	\$2,257
Basic Energy Sciences			
Basic Energy Sciences	\$34,791	\$28,326	\$12,646
Biological and Environmental Research			
Biological and Environmental Research	\$10,413	\$13,389	\$5,950
Fusion Energy Sciences			
Fusion Energy Sciences	\$2,774	\$2,543	\$2,170
High Energy Physics			
High Energy Physics	\$35	\$100	\$0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$130	\$100	\$0
<i>Total Science</i>	\$59,911	\$47,287	\$23,023
<b>Weapons Activities</b>			
Directed Stockpile Work			
Directed Stockpile Work	\$986,508	\$914,019	\$1,096,014
Science			
Science Campaign	\$40,402	\$39,501	\$47,871
Engineering			
Engineering Campaign	\$67,881	\$63,409	\$79,910
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$44,390	\$48,125	\$57,478
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$146,433	\$157,645	\$153,543
Defense Nuclear Security			
Defense Nuclear Security	\$64,817	\$64,967	\$67,436
Readiness Campaign			
Readiness Campaign	\$0	\$0	\$0
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$16,653	\$15,371	\$15,371
Infrastructure and Operations			
Infrastructure and Operations	\$166,155	\$175,307	\$183,835
Secure Transportation Asset			
Secure Transportation Asset	\$27,587	\$41,793	\$68,138
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$15,069	\$8,734	\$5,908
<i>Total Weapons Activities</i>	\$1,575,895	\$1,528,871	\$1,775,504
<b>Other Defense Activities</b>			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$1,210	\$1,210	\$1,210
<i>Total Other Defense Activities</i>	\$1,210	\$1,210	\$1,210

Department Of Energy  
 FY 2018 Congressional Budget  
 Laboratory Table  
 (Dollars In Thousands)

5/18/2017  
 3:51:17PM  
 Page 94 of 128

Sandia National Laboratories	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
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Defense Nuclear Nonproliferation			
Nonproliferation and Verification R&D			
Nonproliferation and Verification R&D	\$0	\$0	\$0
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$79,879	\$95,457	\$105,874
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$36,317	\$39,089	\$45,172
Global Material Security			
Global Material Security	\$52,918	\$61,640	\$48,265
Material Management and Minimization			
Material Management and Minimization	\$727	\$1,439	\$1,882
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$7,671	\$6,989	\$7,053
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<i>Total Defense Nuclear Nonproliferation</i>	\$177,512	\$204,614	\$208,246
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Departmental Administration			
Office of Indian Energy Policy & Programs			
Office of Indian Energy Policy & Programs	\$825	\$750	\$700
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<i>Total Departmental Administration</i>	\$825	\$750	\$700
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Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$370	\$369	\$85
Cross Cutting Research	\$1,060	\$1,058	\$500
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<i>Total CCS and Power Systems</i>	\$1,430	\$1,427	\$585
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<i>Total Fossil Energy Research and Development</i>	\$1,430	\$1,427	\$585
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Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$2,500	\$2,495	\$2,600
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<i>Total Defense Environmental Cleanup</i>	\$2,500	\$2,495	\$2,600
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Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$3,412	\$3,406	\$2,670
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<i>Total Strategic Petroleum Reserve</i>	\$3,412	\$3,406	\$2,670
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<i>Total Sandia National Laboratories</i>	\$1,897,535	\$1,878,323	\$2,085,770