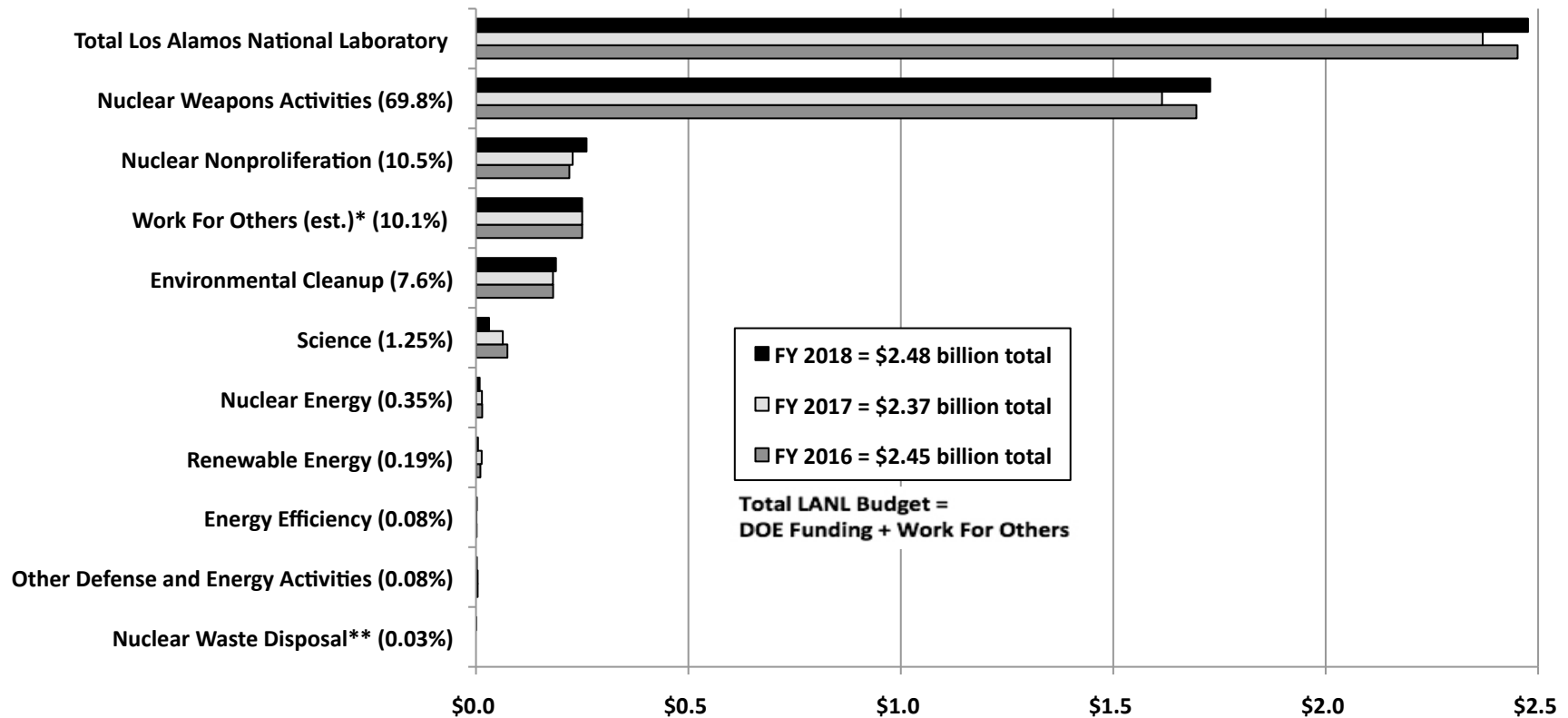


Los Alamos National Laboratory FY 2018 Congressional Budget Request (In billions of dollars)



Notes: The percentages are of total requested LANL budget for FY 2018. *"Work For Others" is for other than the Department of Energy (e.g., Depts. of Defense and Homeland Security, the FBI, CIA, etc.) and based on past years is estimated at \$250 million. **Nuclear Waste Disposal includes funding for Yucca Mountain and for Interim Storage.

Department Of Energy
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 Laboratory Table
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Los Alamos National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Electricity Delivery and Energy Reliability			
<i>Electricity Delivery and Energy Reliability</i>			
Transmission Reliability	\$1,385	\$1,382	\$1,360
Resilient Distribution Systems	\$429	\$428	\$600
Cybersecurity for Energy Delivery Systems	\$164	\$164	\$0
Transmission Permitting and Technical Assistance	\$15	\$15	\$0
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$1,993	\$1,989	\$1,960
<hr/>			
<i>Total Electricity Delivery and Energy Reliability</i>	\$1,993	\$1,989	\$1,960
Nuclear Energy			
<i>Fuel Cycle R & D</i>			
Fuel Cycle R & D	\$11,600	\$11,600	\$6,460
<i>Nuclear Energy Enabling Technologies</i>			
Nuclear Energy Enabling Technologies	\$2,823	\$2,300	\$2,300
<i>Reactors Concepts RD&D</i>			
Reactors Concepts RD&D	\$200	\$200	\$0
<i>International Nuclear Energy Cooperation</i>			
International Nuclear Energy Cooperation	\$50	\$0	\$0
<hr/>			
<i>Total Nuclear Energy</i>	\$14,673	\$14,100	\$8,760
Energy Efficiency and Renewable Energy			
<i>Energy Efficiency and Renewable Energy</i>			
Wind Energy	\$0	\$163	\$0
Geothermal Technologies	\$700	\$500	\$777
Hydrogen & Fuel Cell Technologies	\$6,600	\$5,620	\$1,134
Solar Energy	\$677	\$2,050	\$800
Vehicle Technologies	\$1,149	\$1,020	\$541
Building Technologies	\$0	\$125	\$0
Advanced Manufacturing	\$400	\$0	\$1,500
Bioenergy Technologies	\$2,456	\$5,167	\$2,050
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$11,982	\$14,645	\$6,802
<hr/>			
<i>Total Energy Efficiency and Renewable Energy</i>	\$11,982	\$14,645	\$6,802
Nuclear Waste Disposal			
<i>Yucca Mountain and Interim Storage</i>			
Yucca Mountain and Interim Storage	\$0	\$0	\$840
<hr/>			
<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$840
Science			
<i>Advanced Scientific Computing Research</i>			
Advanced Scientific Computing Research	\$8,028	\$1,620	\$127
<i>Basic Energy Sciences</i>			
Basic Energy Sciences	\$26,309	\$25,120	\$8,206
<i>Biological and Environmental Research</i>			
Biological and Environmental Research	\$23,437	\$24,391	\$10,900

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Los Alamos National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<hr/>			
Fusion Energy Sciences			
Fusion Energy Sciences	\$3,138	\$1,780	\$3,150
High Energy Physics			
High Energy Physics	\$2,085	\$2,107	\$1,705
Nuclear Physics			
Nuclear Physics	\$10,519	\$7,927	\$6,823
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$500	\$270	\$0
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<i>Total Science</i>	\$74,016	\$63,215	\$30,911
<hr/>			
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$611,735	\$604,808	\$668,448
Science			
Science Campaign	\$138,348	\$141,522	\$161,430
Engineering			
Engineering Campaign	\$25,768	\$22,715	\$39,812
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$16,000	\$17,080	\$18,523
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$219,556	\$183,469	\$177,071
Defense Nuclear Security			
Defense Nuclear Security	\$99,951	\$99,951	\$103,989
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$15,227	\$15,426	\$15,426
Infrastructure and Operations			
Infrastructure and Operations	\$557,700	\$520,996	\$538,490
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$11,400	\$8,794	\$5,076
<hr/>			
<i>Total Weapons Activities</i>	\$1,695,685	\$1,614,761	\$1,728,265
<hr/>			
Other Defense Activities			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$95	\$95	\$95
<hr/>			
<i>Total Other Defense Activities</i>	\$95	\$95	\$95
<hr/>			
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	\$95,711	\$108,781	\$114,234
Nonproliferation and International Security			
Nonproliferation and International Security	\$0	\$0	\$0
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$40,739	\$41,251	\$47,671
Global Material Security			
Global Material Security	\$31,860	\$33,458	\$30,726

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Los Alamos National Laboratory	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Material Management and Minimization			
Material Management and Minimization	\$28,065	\$20,898	\$44,169
Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$23,425	\$23,272	\$23,484
<i>Total Defense Nuclear Nonproliferation</i>	\$219,800	\$227,660	\$260,284
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Storage	\$1,149	\$1,147	\$80
Cross Cutting Research	\$750	\$749	\$0
<i>Total CCS and Power Systems</i>	\$1,899	\$1,896	\$80
<i>Total Fossil Energy Research and Development</i>	\$1,899	\$1,896	\$80
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$181,606	\$181,261	\$188,235
<i>Total Defense Environmental Cleanup</i>	\$181,606	\$181,261	\$188,235
<i>Total Los Alamos National Laboratory</i>	\$2,201,749	\$2,119,622	\$2,226,232