

Department Of Energy  
 FY 2019 Congressional Budget  
 Laboratory Table  
 (Dollars In Thousands)

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Los Alamos National Laboratory	FY 2017 Enacted	FY 2018 Annualized CR	FY 2019 Request
<b>Electricity Delivery and Energy Reliability</b>			
Electricity Delivery and Energy Reliability			
Transmission Reliability	\$3,980	\$1,841	\$1,444
Resilient Distribution Systems	\$1,567	\$1,873	\$600
Cybersecurity for Energy Delivery Systems	\$2,632	\$200	\$0
Energy Storage	\$34	\$0	\$0
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<i>Total Electricity Delivery and Energy Reliability</i>	\$8,213	\$3,914	\$2,044
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<i>Total Electricity Delivery and Energy Reliability</i>	\$8,213	\$3,914	\$2,044
<b>Cybersecurity, Energy Security, and Emergency Resp</b>			
Cybersecurity, Energy Security, and Emergency Resp			
CEDS	\$0	\$0	\$200
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<i>Total Cybersecurity, Energy Security, and Emergency Resp</i>	\$0	\$0	\$200
<b>Nuclear Energy</b>			
Fuel Cycle R & D			
Fuel Cycle R & D	\$9,622	\$11,888	\$3,000
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$2,449	\$3,850	\$2,350
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$117	\$0	\$0
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<i>Total Nuclear Energy</i>	\$12,188	\$15,738	\$5,350
<b>Energy Efficiency and Renewable Energy</b>			
Energy Efficiency and Renewable Energy			
Wind Energy	\$193	\$193	\$0
Geothermal Technologies	\$2,338	\$2,338	\$546
Hydrogen & Fuel Cell Technologies	\$8,573	\$3,310	\$2,710
Solar Energy	\$430	\$800	\$0
Vehicle Technologies	\$1,675	\$1,675	\$110
Building Technologies	\$293	\$291	\$56
Bioenergy Technologies	\$7,619	\$7,619	\$2,300
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<i>Total Energy Efficiency and Renewable Energy</i>	\$21,121	\$16,226	\$5,722
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<i>Total Energy Efficiency and Renewable Energy</i>	\$21,121	\$16,226	\$5,722
<b>Nuclear Waste Disposal</b>			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$840
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<i>Total Nuclear Waste Disposal</i>	\$0	\$0	\$840
<b>Science</b>			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$1,620	\$3,003	\$2,518
Basic Energy Sciences			
Basic Energy Sciences	\$23,635	\$17,513	\$17,005

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Biological and Environmental Research			
Biological and Environmental Research	\$28,182	\$23,634	\$17,254
Fusion Energy Sciences			
Fusion Energy Sciences	\$3,121	\$3,390	\$3,090
High Energy Physics			
High Energy Physics	\$2,100	\$1,930	\$1,400
Nuclear Physics			
Nuclear Physics	\$10,979	\$9,066	\$9,292
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	\$448	\$0	\$0
<i>Total Science</i>	\$70,085	\$58,536	\$50,559
<b>Weapons Activities</b>			
Directed Stockpile Work			
Directed Stockpile Work	\$619,653	\$615,445	\$713,231
Science			
Science Campaign	\$153,089	\$152,049	\$190,886
Engineering			
Engineering Campaign	\$27,369	\$27,183	\$47,048
Inertial Confinement Fusion Ignition High Yield			
Inertial Confinement Fusion Ignition High Yield Campaign	\$17,610	\$17,490	\$15,000
Advanced Simulation & Computing			
Advanced Simulation & Computing Campaign	\$202,574	\$201,198	\$181,011
Defense Nuclear Security			
Defense Nuclear Security	\$99,951	\$99,272	\$110,340
Information technology and Cybersecurity			
Information technology and Cybersecurity	\$15,410	\$15,305	\$17,716
Infrastructure and Operations			
Infrastructure and Operations	\$532,542	\$528,925	\$623,132
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$10,866	\$10,792	\$7,950
<i>Total Weapons Activities</i>	\$1,679,064	\$1,667,659	\$1,906,314
<b>Other Defense Activities</b>			
Environment, Health, Safety and Security			
Environment, Health, Safety and Security	\$95	\$95	\$95
<i>Total Other Defense Activities</i>	\$95	\$95	\$95
<b>Defense Nuclear Nonproliferation</b>			
Defense Nuclear Nonproliferation R&D			
Defense Nuclear Nonproliferation R&D	\$109,358	\$108,615	\$115,733
Nuclear Counterterrorism and Incident Response			
Nuclear Counterterrorism Incident Response	\$45,667	\$45,357	\$49,200
Global Material Security			
Global Material Security	\$32,530	\$32,309	\$35,619
Material Management and Minimization			
Material Management and Minimization	\$39,316	\$39,049	\$51,685

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Nonproliferation and Arms Control			
Nonproliferation and Arms Control	\$27,262	\$27,077	\$23,484
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<i>Total Defense Nuclear Nonproliferation</i>	\$254,133	\$252,407	\$275,721
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$941	\$935	\$0
Carbon Storage	\$7,530	\$7,479	\$0
Cross Cutting Research	\$400	\$397	\$0
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<i>Total CCS and Power Systems</i>	\$8,871	\$8,811	\$0
Advanced Coal Energy Systems and CCUS			
Carbon Capture Utilization and Storage	\$0	\$0	\$1,450
Natural Gas Technologies			
Natural Gas Technologies	\$860	\$854	\$0
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<i>Total Fossil Energy Research and Development</i>	\$9,731	\$9,665	\$1,450
Defense Environmental Cleanup			
NNSA Sites			
NNSA Sites	\$190,606	\$189,312	\$188,235
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<i>Total Defense Environmental Cleanup</i>	\$190,606	\$189,312	\$188,235
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<i>Total Los Alamos National Laboratory</i>	\$2,245,236	\$2,213,552	\$2,436,530