

DEPARTMENT OF ENERGY
Laboratory Table
SLAC National Accelerator Laboratory FY 2023
(Dollars in Thousands)

	FY 2021 Enacted	FY 2022 Annualized CR	FY 2023 Request Detail
SLAC National Accelerator Laboratory			
Inertial Confinement Fusion	180	180	180
Stockpile Research, Technology, and Engineering	180	180	180
Proliferation Detection R&D	1,007	1,300	1,133
Forensics R&D	729	275	729
Defense Nuclear Nonproliferation R&D	1,736	1,575	1,862
Research - Advanced Scientific Computing Research	670	450	450
Advanced Scientific Computing Research	670	450	450
Research - Basic Energy Sciences	215,455	231,156	211,456
21-SC-10, Cryomodule Repair and Maintenance Facility, SLAC	1,000	1,000	10,000
18-SC-13, Linac Coherent Light Source-II-High Energy (LCLS-II-HE), SLAC	52,000	50,000	90,000
13-SC-10, Linac Coherent Light Source-II (LCLS-II), SLAC	33,000	28,100	0
Construction - Basic Energy Sciences	86,000	79,100	100,000
Basic Energy Sciences	301,455	310,256	311,456
Research - Biological & Environmental Research	4,100	4,100	4,520
Biological and Environmental Research	4,100	4,100	4,520
Research - Fusion Energy Sciences	5,495	3,545	5,500
20-SC-61, Matter in Extreme Conditions (MEC) Petawatt Upgrade, SLAC	15,000	5,000	1,000
Construction - Fusion Energy Sciences	15,000	5,000	1,000
Fusion Energy Sciences	20,495	8,545	6,500
Research - High Energy Physics	81,678	76,607	81,434
High Energy Physics	81,678	76,607	81,434
Operations and Maintenance - Nuclear Physics	1,166	1,166	1,321
Nuclear Physics	1,166	1,166	1,321
Research - Accelerator R&D and Production	0	1,320	100
Accelerator R&D and Production	0	1,320	100
20-SC-75, Large Scale Collaboration Center, SLAC (19-SC-75)	11,000	12,000	30,000
20-SC-79, Critical Utilities Infrastructure Revitalization, SLAC (20-SC-81)	500	500	25,425
Construction - Science Laboratories Infrastructure	11,500	12,500	55,425
Science Laboratories Infrastructure	11,500	12,500	55,425
Safeguards and Security - SC	3,914	3,914	8,890
Vehicle Technologies	4,050	4,350	6,000
Bioenergy Technologies	365	365	350
Hydrogen and Fuel Cells Technologies	0	300	500
Sustainable Transportation	4,415	5,015	6,850
Solar Energy Technologies	867	867	1,200
Renewable Power	867	867	1,200
Advanced Manufacturing	0	1,500	1,500
Building Technologies	640	0	0
Energy Efficiency	640	1,500	1,500
Transmission Reliability and Resilience	260	0	0
Resilient Distribution Systems	55	0	0
Infrastructure Security and Energy Restoration	1,000	1,000	0
Advanced Oil and Gas Prod Tech (Unconv FE)	252	252	0
Crosscutting Technology Development	48	48	0
Nuclear Energy Enabling Technologies	48	48	0
Total SLAC National Accelerator Laboratory	434,431	429,295	481,688