

**Department of Energy**  
**FY 2021 Congressional Budget**  
**Funding by Appropriation by Site**  
(\$K)

**Science**

	FY 2019 Total Enacted	FY 2020 Enacted	FY 2021 Request
<b>Ames Laboratory</b>			
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	17,620	17,578	17,578
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	1,250	1,250	0
<b>Safeguards and Security</b>			
Field Security	1,231	1,231	1,231
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	0	0	2,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	538	0	0
<b>Ames Laboratory Total</b>	<b>20,639</b>	<b>20,059</b>	<b>20,809</b>
<b>Ames Site Office</b>			
<b>Program Direction</b>			
Program Direction	658	678	690
<b>Ames Site Office Total</b>	<b>658</b>	<b>678</b>	<b>690</b>
<b>Argonne National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	153,798	160,042	154,856
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	360,799	409,274	378,709
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	32,250	30,852	20,222
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	0	181	189
<b>High Energy Physics</b>			
High Energy Physics	15,695	13,913	9,670
<b>Nuclear Physics</b>			
Nuclear Physics	33,384	31,433	29,506
<b>Safeguards and Security</b>			
Field Security	9,996	10,019	10,019
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	53,393	41,300	2,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	1,494	0	0
<b>Argonne National Laboratory Total</b>	<b>660,809</b>	<b>697,014</b>	<b>605,171</b>
<b>Argonne Site Office</b>			
<b>Program Direction</b>			
Program Direction	4,415	4,424	4,590
<b>Argonne Site Office Total</b>	<b>4,415</b>	<b>4,424</b>	<b>4,590</b>

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	FY 2019 Total Enacted	FY 2020 Enacted	FY 2021 Request
<b>Bay Area Site Office</b>			
<b>Program Direction</b>			
Program Direction	0	5,834	5,947
<b>Bay Area Site Office Total</b>	<b>0</b>	<b>5,834</b>	<b>5,947</b>
<b>Berkeley Site Office</b>			
<b>Program Direction</b>			
Program Direction	3,588	0	0
<b>Berkeley Site Office Total</b>	<b>3,588</b>	<b>0</b>	<b>0</b>
<b>Brookhaven National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	1,590	1,228	1,233
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	169,571	182,858	169,475
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	17,306	11,998	9,448
<b>High Energy Physics</b>			
High Energy Physics	82,255	83,109	84,847
<b>Nuclear Physics</b>			
Nuclear Physics	209,914	223,778	212,353
<b>Safeguards and Security</b>			
Field Security	13,933	14,013	14,013
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	49,200	40,000	22,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	2,506	0	0
<b>Brookhaven National Laboratory Total</b>	<b>546,275</b>	<b>556,984</b>	<b>513,369</b>
<b>Brookhaven Site Office</b>			
<b>Program Direction</b>			
Program Direction	4,905	4,575	4,546
<b>Brookhaven Site Office Total</b>	<b>4,905</b>	<b>4,575</b>	<b>4,546</b>

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	FY 2019 Total Enacted	FY 2020 Enacted	FY 2021 Request
<b>Chicago Office</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	16,885	17,464	15,060
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	339,965	363,064	368,906
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	154,065	158,308	94,476
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	140,519	104,123	91,793
<b>High Energy Physics</b>			
High Energy Physics	110,234	95,238	81,822
<b>Nuclear Physics</b>			
Nuclear Physics	153,940	149,474	111,224
<b>Program Direction</b>			
Program Direction	24,546	0	0
<b>Safeguards and Security</b>			
Field Security	50	50	50
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	1,713	1,650	1,650
<b>Chicago Office Total</b>	<b>941,917</b>	<b>889,371</b>	<b>764,981</b>
<b>Consolidated Service Center</b>			
<b>Program Direction</b>			
Program Direction	0	45,242	45,377
<b>Consolidated Service Center Total</b>	<b>0</b>	<b>45,242</b>	<b>45,377</b>
<b>Fermi National Accelerator Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	174	874	874
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	135	135	135
<b>High Energy Physics</b>			
High Energy Physics	519,303	552,052	375,014
<b>Nuclear Physics</b>			
Nuclear Physics	0	500	0
<b>Safeguards and Security</b>			
Field Security	7,037	7,877	7,877
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	20,000	22,500	14,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	257	0	0
<b>Fermi National Accelerator Laboratory Total</b>	<b>546,906</b>	<b>583,938</b>	<b>397,900</b>

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<b>Fermi Site Office</b>			
<b>Program Direction</b>			
Program Direction	2,581	3,070	2,937
<b>Fermi Site Office Total</b>	<b>2,581</b>	<b>3,070</b>	<b>2,937</b>
<b>Idaho National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	70	70	70
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	4,592	3,723	3,723
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	5,510	2,500	2,500
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	384	0	0
<b>Idaho National Laboratory Total</b>	<b>10,556</b>	<b>6,293</b>	<b>6,293</b>
<b>Idaho Operations Office</b>			
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	0	369	369
<b>Idaho Operations Office Total</b>	<b>0</b>	<b>369</b>	<b>369</b>
<b>Lawrence Berkeley National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	213,107	215,822	176,028
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	225,806	230,004	174,728
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	161,607	162,828	122,887
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	895	1,525	765
<b>High Energy Physics</b>			
High Energy Physics	82,427	68,664	52,868
<b>Nuclear Physics</b>			
Nuclear Physics	26,121	25,138	19,801
<b>Safeguards and Security</b>			
Field Security	7,155	7,175	7,175
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	5,000	25,500	18,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	1,298	0	0
<b>Lawrence Berkeley National Laboratory Total</b>	<b>723,416</b>	<b>736,656</b>	<b>572,252</b>

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<b>Lawrence Livermore National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	5,531	2,472	1,724
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	1,804	2,948	2,948
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	31,587	29,558	18,036
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	8,819	8,062	8,537
<b>High Energy Physics</b>			
High Energy Physics	2,315	3,750	3,445
<b>Nuclear Physics</b>			
Nuclear Physics	1,728	1,769	1,484
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	423	0	0
<b>Lawrence Livermore National Laboratory Total</b>	<b>52,207</b>	<b>48,559</b>	<b>36,174</b>
<b>Los Alamos National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	3,626	2,930	2,071
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	23,337	27,422	26,585
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	32,034	30,291	20,321
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	3,087	3,910	3,410
<b>High Energy Physics</b>			
High Energy Physics	2,640	2,040	1,145
<b>Nuclear Physics</b>			
Nuclear Physics	9,360	8,314	8,821
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	532	0	0
<b>Los Alamos National Laboratory Total</b>	<b>74,616</b>	<b>74,907</b>	<b>62,353</b>
<b>National Renewable Energy Laboratory</b>			
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	12,600	12,109	12,109
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	827	848	877
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	1,368	0	0
<b>National Renewable Energy Laboratory Total</b>	<b>14,795</b>	<b>12,957</b>	<b>12,986</b>

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	FY 2019 Total Enacted	FY 2020 Enacted	FY 2021 Request
<b>Oak Ridge Institute for Science and Education</b>			
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	4,103	3,187	2,102
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	750	700	700
<b>Nuclear Physics</b>			
Nuclear Physics	467	697	636
<b>Safeguards and Security</b>			
Field Security	1,892	1,894	1,894
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	11,176	0	0
<b>Oak Ridge Institute for Science and Education Total</b>	<b>18,388</b>	<b>6,478</b>	<b>5,332</b>
<b>Oak Ridge National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	446,543	423,766	397,037
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	410,799	454,486	336,118
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	82,294	78,923	59,393
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	162,283	273,362	136,272
<b>High Energy Physics</b>			
High Energy Physics	920	697	407
<b>Nuclear Physics</b>			
Nuclear Physics	18,206	30,263	28,879
<b>Safeguards and Security</b>			
Field Security	12,864	29,973	29,973
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	51,000	66,000	41,000
<b>Oak Ridge National Laboratory Total</b>	<b>1,184,909</b>	<b>1,357,470</b>	<b>1,029,079</b>
<b>ORNL Site Office</b>			
<b>Program Direction</b>			
Program Direction	5,551	5,934	6,074
<b>ORNL Site Office Total</b>	<b>5,551</b>	<b>5,934</b>	<b>6,074</b>

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<b>Oak Ridge Office</b>			
<b>Nuclear Physics</b>			
Nuclear Physics	50	0	0
<b>Program Direction</b>			
Program Direction	24,177	0	0
<b>Safeguards and Security</b>			
Field Security	23,472	4,558	4,558
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	6,434	15,772	8,860
<b>Oak Ridge Office Total</b>	<b>54,133</b>	<b>20,330</b>	<b>13,418</b>
<b>Office of Science and Technical Information</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	155	157	155
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	296	177	159
<b>High Energy Physics</b>			
High Energy Physics	0	189	0
<b>Nuclear Physics</b>			
Nuclear Physics	285	285	128
<b>Program Direction</b>			
Program Direction	9,120	9,397	9,515
<b>Safeguards and Security</b>			
Field Security	759	759	759
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	0	200	200
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	200	0	0
<b>Office of Science and Technical Information Total</b>	<b>10,815</b>	<b>11,164</b>	<b>10,916</b>

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	FY 2019 Total Enacted	FY 2020 Enacted	FY 2021 Request
<b>Pacific Northwest National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	5,597	4,360	1,915
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	33,216	33,838	33,838
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	141,297	107,127	84,114
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	250	650	1,663
<b>High Energy Physics</b>			
High Energy Physics	1,460	1,855	1,160
<b>Nuclear Physics</b>			
Nuclear Physics	500	830	287
<b>Safeguards and Security</b>			
Field Security	12,459	12,759	12,759
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	24,000	23,000	23,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	1,022	0	0
<b>Pacific Northwest National Laboratory Total</b>	<b>219,801</b>	<b>184,419</b>	<b>158,736</b>
<b>Pacific Northwest Site Office</b>			
<b>Program Direction</b>			
Program Direction	5,084	5,186	5,036
<b>Pacific Northwest Site Office Total</b>	<b>5,084</b>	<b>5,186</b>	<b>5,036</b>
<b>Princeton Plasma Physics Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	385	335	335
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	107,770	83,350	74,499
<b>Safeguards and Security</b>			
Field Security	3,354	3,358	3,358
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	0	13,000	23,400
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	512	0	0
<b>Princeton Plasma Physics Laboratory Total</b>	<b>112,021</b>	<b>100,043</b>	<b>101,592</b>
<b>Princeton Site Office</b>			
<b>Program Direction</b>			
Program Direction	1,862	1,910	1,950
<b>Princeton Site Office Total</b>	<b>1,862</b>	<b>1,910</b>	<b>1,950</b>



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	FY 2019 Total Enacted	FY 2020 Enacted	FY 2021 Request
<b>Sandia National Laboratories</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	17,331	14,920	12,455
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	28,219	26,900	26,128
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	11,149	10,160	6,639
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	1,265	1,669	1,614
<b>High Energy Physics</b>			
High Energy Physics	100	0	50
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	130	0	0
<b>Sandia National Laboratories Total</b>	<b>58,194</b>	<b>53,649</b>	<b>46,886</b>
<b>Savannah River National Laboratory</b>			
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	420	410	410
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	150	150	150
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	0	400	400
<b>Savannah River National Laboratory Total</b>	<b>570</b>	<b>960</b>	<b>960</b>
<b>SLAC National Accelerator Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	1,366	1,170	670
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	389,853	281,945	240,323
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	7,394	4,100	3,600
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	2,340	21,800	10,000
<b>High Energy Physics</b>			
High Energy Physics	64,007	66,589	57,496
<b>Nuclear Physics</b>			
Nuclear Physics	1,015	1,336	1,005
<b>Safeguards and Security</b>			
Field Security	4,304	4,328	4,328
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	9,400	11,500	10,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	460	0	0
<b>SLAC National Accelerator Laboratory Total</b>	<b>480,139</b>	<b>392,768</b>	<b>327,422</b>

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<b>SLAC Site Office</b>			
<b>Program Direction</b>			
Program Direction	2,476	0	0
<b>SLAC Site Office Total</b>	<b>2,476</b>	<b>0</b>	<b>0</b>
<b>Thomas Jefferson National Accelerator Facility</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	387	382	360
<b>High Energy Physics</b>			
High Energy Physics	350	750	400
<b>Nuclear Physics</b>			
Nuclear Physics	129,017	133,267	128,609
<b>Safeguards and Security</b>			
Field Security	3,021	3,037	3,037
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	0	2,000	2,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	200	0	0
<b>Thomas Jefferson National Accelerator Facility Total</b>	<b>132,975</b>	<b>139,436</b>	<b>134,406</b>
<b>Thomas Jefferson Site Office</b>			
<b>Program Direction</b>			
Program Direction	1,971	2,148	2,241
<b>Thomas Jefferson Site Office Total</b>	<b>1,971</b>	<b>2,148</b>	<b>2,241</b>

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<b>Washington Headquarters</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	68,955	134,008	223,208
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	147,264	165,937	143,591
<b>Biological &amp; Environmental Research</b>			
Biological & Environmental Research	27,391	120,243	74,510
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	130,512	168,768	92,809
<b>High Energy Physics</b>			
High Energy Physics	98,294	156,154	149,807
<b>Nuclear Physics</b>			
Nuclear Physics	106,013	105,916	110,594
<b>Program Direction</b>			
Program Direction	92,066	97,902	101,403
<b>Safeguards and Security</b>			
Field Security	4,583	11,669	14,592
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	11,500	38,578	6,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	0	28,000	20,500
<b>Washington Headquarters Total</b>	<b>686,578</b>	<b>1,027,175</b>	<b>937,014</b>
<b>Y-12 National Security Complex</b>			
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	1,250	0	0
<b>Y-12 National Security Complex Total</b>	<b>1,250</b>	<b>0</b>	<b>0</b>
<b>Total, Science</b>	<b>6,585,000</b>	<b>7,000,000</b>	<b>5,837,806</b>