FY 2020 Congressional Budget

Funding by Appropriation by Site

cience	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Ames Laboratory		_	
Basic Energy Sciences			
Basic Energy Sciences	15,790	17,620	17,581
Biological and Environmental Research			
Biological and Environmental Research	1,000	1,250	0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	556	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	3,492	0	1,000
Safeguards and Security			
Safeguards and Security	1,229	1,231	1,231
Total, Ames Laboratory	22,067	20,101	19,812
Ames Site Office			
Program Direction			
Program Direction	645	658	676
Total, Ames Site Office	645	658	676
Argonne National Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	122,782	153,798	159,318
Basic Energy Sciences			
Basic Energy Sciences	295,783	360,799	371,817
Biological and Environmental Research			
Biological and Environmental Research	32,349	31,442	19,445
High Energy Physics			
High Energy Physics	14,979	15,695	10,157
Nuclear Physics			
Nuclear Physics	32,818	33,384	29,293
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	1,328	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	54,105	53,393	44,850
Safeguards and Security			
Safeguards and Security	9,166	9,996	10,019
Total, Argonne National Laboratory	563,310	658,507	644,899
Argonne Site Office			
Program Direction			
Program Direction	4,327	4,415	4,270
Total, Argonne Site Office	4,327	4,415	4,270

FY 2020 Congressional Budget

Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Berkeley Site Office			
Program Direction			
Program Direction	3,561	3,588	3,727
Total, Berkeley Site Office	3,561	3,588	3,727
Brookhaven National Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	1,116	1,590	728
Basic Energy Sciences			
Basic Energy Sciences	170,216	169,571	162,261
Biological and Environmental Research			
Biological and Environmental Research	14,842	12,107	9,001
High Energy Physics			
High Energy Physics	64,652	82,255	77,542
Nuclear Physics			
Nuclear Physics	206,394	209,914	201,989
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	2,266	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	43,500	49,200	18,400
Safeguards and Security			
Safeguards and Security	12,413	13,933	14,013
Total, Brookhaven National Laboratory	515,399	538,570	483,934
Brookhaven Site Office			
Program Direction			
Program Direction	4,837	4,905	4,589
Total, Brookhaven Site Office	4,837	4,905	4,589

FY 2020 Congressional Budget

Funding by Appropriation by Site

Chicago Operations Office	cience	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Advanced Scientific Computing Research 20,550 16,885 30,333 Basic Energy Sciences 260,829 339,965 285,591 Biological and Environmental Research 165,637 123,181 93,051 Fusion Energy Sciences 177,355 140,519 85,448 High Energy Physics 116,220 110,234 67,793 Nuclear Physics 186,037 153,940 119,753 Nuclear Physics 186,037 153,940 119,753 Nuclear Physics 186,037 153,940 119,753 Science Laboratories Infrastructure 1,713 1,713 1,555 Science Laboratories Infrastructure 1,713 1,713 1,555 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 </th <th>Chicago Operations Office</th> <th></th> <th></th> <th></th>	Chicago Operations Office			
Basic Energy Sciences 260,829 339,965 285,593 Basic Energy Sciences 165,637 123,181 93,051 Fusion Energy Sciences 177,355 140,519 85,446 Fusion Energy Sciences 177,355 140,519 85,446 High Energy Physics 116,220 110,224 67,793 Nuclear Physics 186,037 153,940 119,753 Science Laboratories Infrastructure 1,713 1,713 1,550 Science Laboratories Infrastructure 1,713 1,713 1,550 Safeguards and Security 50 50 50 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,881 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135	Advanced Scientific Computing Research			
Basic Energy Sciences 260,829 339,965 285,591 Biological and Environmental Research 165,637 123,181 93,051 Fusion Energy Sciences 177,355 140,519 85,446 High Energy Physics 116,220 110,234 67,793 Nuclear Physics 186,037 153,940 119,753 Science Laboratories Infrastructure 1,713 1,713 1,550 Science Laboratories Infrastructure 1,713 1,713 1,550 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 1,74 1,74 Basic Energy Sciences 354 135 135 High Energy Physics 354 135 135 Muclear Physics 250 0 0 Nuclear Physics 250 0 0 Nuclear Physics	Advanced Scientific Computing Research	20,550	16,885	30,533
Biological and Environmental Research Biological and Environmental Research Biological and Environmental Research 165,637 123,181 93,051 Pusion Energy Sciences 177,355 140,519 85,446 High Energy Physics 116,220 110,234 67,795 High Energy Physics 116,220 110,234 67,795 Nuclear Physics 186,037 153,940 119,755 Science Laboratories Infrastructure 1,713 1,713 1,713 1,550 Science Laboratories Infrastructure 1,713 1,713 1,713 1,550 Safeguards and Security 50 50 50 50 50 50 50 5	Basic Energy Sciences			
Biological and Environmental Research 165,637 123,181 93,055 Fusion Energy Sciences 177,355 140,519 85,446 High Energy Physics 116,220 110,234 67,795 High Energy Physics 186,037 153,940 119,755 Nuclear Physics 186,037 153,940 119,755 Science Laboratories Infrastructure 1,713 1,713 1,556 Science Laboratories Infrastructure 1,713 1,713 1,556 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory 341 174 174 Basic Energy Sciences 341 174 174 Basic Energy Sciences 354 135 135 High Energy Physics 456,274 519,303 407,905 Nuclear Physics 210 0 0 Nuclear Physics 250 0 0 Nuclear Physics 250 0 0 Nuclear Physics 250 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office Program Direction 2,497 2,581 2,496 Program Direction 2,497 2,581 2,496	Basic Energy Sciences	260,829	339,965	285,591
Fusion Energy Sciences 177,355 140,519 85,446 High Energy Physics 116,220 110,234 67,793 Nuclear Physics 186,037 153,940 119,753 Nuclear Physics 186,037 153,940 119,753 Science Laboratories Infrastructure 50 50 50 50 Safeguards and Security 50 5	Biological and Environmental Research			
Fusion Energy Sciences 177,355 140,519 85,444 High Energy Physics 116,220 110,234 67,795 Nuclear Physics 186,037 153,940 119,755 Science Laboratories Infrastructure 1,713 1,713 1,555 Science Laboratories Infrastructure 1,713 1,713 1,555 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 135 High Energy Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 Nuclear Physics 250 0 0 Workforce Development for Teachers and Scientists 250 0 0 Sc	Biological and Environmental Research	165,637	123,181	93,051
High Energy Physics 116,220 110,234 67,793 Nuclear Physics 186,037 153,940 119,755 Science Laboratories Infrastructure 1,713 1,713 1,755 Science Laboratories Infrastructure 1,713 1,713 1,550 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 High Energy Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 Workforce Development for Teachers and Scientists 250 0 0 Workforce Development for Teachers and Scientists 250 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 <td>Fusion Energy Sciences</td> <td></td> <td></td> <td></td>	Fusion Energy Sciences			
High Energy Physics 116,220 110,234 67,795 Nuclear Physics 186,037 153,940 119,755 Science Laboratories Infrastructure 1,713 1,713 1,555 Science Laboratories Infrastructure 1,713 1,713 1,555 Safeguards and Security 50 50 50 50 Program Direction 24,445 24,546 23,614 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 High Energy Physics 354 135 135 High Energy Physics 456,274 519,303 407,903 Nuclear Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 0 Nuclear Physics 250 0 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office Program Direction 2,497 2,581 2,496 Science Laboratories Infrastructure 2,497 2,581 2,496 Science Laboratories Infrastructure 2,497 2,581 2,496 Program Direction 2,497 2,581 2,	Fusion Energy Sciences	177,355	140,519	85,446
Nuclear Physics 186,037 153,940 119,753 Science Laboratories Infrastructure 1,713 1,713 1,550 Safeguards and Security 50 50 50 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Program Direction 352,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 174 Basic Energy Sciences 354 135	High Energy Physics			
Nuclear Physics 186,037 153,940 119,755 Science Laboratories Infrastructure 1,713 1,713 1,550 Science Laboratories Infrastructure 1,713 1,713 1,550 Safeguards and Security 50 50 50 50 Science Laboratories Infrastructure 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Total, Chicago Operations Office 952,836 911,033 Total, Chicago Operations Office 707,381 Total, Chicago Operations Opera	High Energy Physics	116,220	110,234	67,793
Science Laboratories Infrastructure 1,713 1,713 1,515 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 354 135 135 High Energy Sciences 354 135 135 High Energy Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 Nuclear Physics 250 0 0 0 Workforce Development for Teachers and Scientists 250 0 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 3 0 Safeguards and Security 5,341 7,037 7,877 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Offi	Nuclear Physics			
Science Laboratories Infrastructure 1,713 1,713 1,556 Safeguards and Security 50 50 50 Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 High Energy Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 0 Workforce Development for Teachers and Scientists 250 0 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 2 Science Laboratories Infrastructure 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office	Nuclear Physics	186,037	153,940	119,753
Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 High Energy Physics 354 519,303 407,903 Nuclear Physics 210 0 0 0 Workforce Development for Teachers and Scientists 250 0 0 0 Workforce Development for Teachers and Scientists 250 0 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,088 Fermi Site Office Program Direction 2,497 2,581 2,496	Science Laboratories Infrastructure			
Safeguards and Security 50 50 50 Program Direction 24,445 24,546 23,612 Total, Chicago Operations Office 952,836 911,033 707,383 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 High Energy Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 Nuclear Physics 210 0 0 Workforce Development for Teachers and Scientists 250 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office Program Direction 2,497 2,581 2,496	Science Laboratories Infrastructure	1,713	1,713	1,550
Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,381 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 High Energy Physics 354 519,303 407,903 Nuclear Physics 210 0 0 0 Nuclear Physics 210 0 0 0 Workforce Development for Teachers and Scientists 250 0 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 20 Science Laboratories Infrastructure 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office Program Direction 2,497 2,581 2,496	Safeguards and Security			
Program Direction 24,445 24,546 23,614 Total, Chicago Operations Office 952,836 911,033 707,383 Fermi National Accelerator Laboratory Advanced Scientific Computing Research 341 174 174 Advanced Scientific Computing Research 341 174 174 Basic Energy Sciences 354 135 135 High Energy Sciences 354 135 135 High Energy Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 0 Workforce Development for Teachers and Scientists 250 0 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 2 Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office Program Direction 2,497 2,581 2,490	Safeguards and Security	50	50	50
Total, Chicago Operations Office 952,836 911,033 707,383 Fermi National Accelerator Laboratory Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Physics High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Program Direction Program Direction Program Direction 2,497 2,581 2,490	Program Direction			
Fermi National Accelerator Laboratory Advanced Scientific Computing Research Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Physics High Energy Physics High Energy Physics At 519,303 407,903 Nuclear Physics Nuclear Physics Nuclear Physics Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Science Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure 482,770 546,649 426,085 Fermi Site Office Program Direction Program Direction 2,497 2,581 2,496	Program Direction	24,445	24,546	23,614
Advanced Scientific Computing Research Advanced Scientific Computing Research Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Basic Energy Physics High Energy Physics High Energy Physics At56,274 Success Nuclear Physics Nuclear Physics Nuclear Physics Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Program Direction Program Direction 2,497 2,581 2,496	Total, Chicago Operations Office	952,836	911,033	707,38 1
Advanced Scientific Computing Research Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences Basic Energy Sciences High Energy Physics High Energy Physics Nuclear Physics Nuclear Physics Nuclear Physics Vorkforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Fermi National Accelerator Laboratory			
Basic Energy Sciences Basic Energy Sciences High Energy Physics High Energy Physics A56,274 519,303 407,903 Nuclear Physics Nuclear Physics Nuclear Physics Nuclear Physics Vorkforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction Program Direction 2,497 2,581 2,496	Advanced Scientific Computing Research			
Basic Energy Sciences 354 135 135 High Energy Physics High Energy Physics 456,274 519,303 407,903 Nuclear Physics 210 0 0 Workforce Development for Teachers and Scientists 250 0 0 Workforce Development for Teachers and Scientists 250 0 0 Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office Program Direction 2,497 2,581 2,490	Advanced Scientific Computing Research	341	174	174
High Energy Physics High Energy Physics A 456,274 519,303 407,903 Nuclear Physics Nuclear Physics Nuclear Physics Nuclear Physics Vorkforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Science Laboratories Infrastructure Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Basic Energy Sciences			
High Energy Physics 456,274 519,303 407,903 Nuclear Physics Nuclear Physics 210 0 0 0 Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists 250 0 0 0 0 Science Laboratories Infrastructure Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,085 Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Basic Energy Sciences	354	135	135
Nuclear Physics Nuclear Physics 210 0 0 0 Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction 2,497 2,581 2,496	High Energy Physics			
Nuclear Physics 210 0 0 0 Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists 250 0 0 0 Science Laboratories Infrastructure Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory 482,770 546,649 426,089 Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	High Energy Physics	456,274	519,303	407,903
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction 250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Nuclear Physics			
Workforce Development for Teachers and Scientists 250 0 0 Considerable Science Laboratories Infrastructure Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,089 Fermi Site Office Program Direction 2,497 2,581 2,490 Fermi Site Office	Nuclear Physics	210	0	(
Science Laboratories Infrastructure Science Laboratories Infrastructure Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Workforce Development for Teachers and Scientists			
Science Laboratories Infrastructure 20,000 20,000 10,000 Safeguards and Security Safeguards and Security 5,341 7,037 7,877 Total, Fermi National Accelerator Laboratory 482,770 546,649 426,089 Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Workforce Development for Teachers and Scientists	250	0	(
Safeguards and Security Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Science Laboratories Infrastructure			
Safeguards and Security Total, Fermi National Accelerator Laboratory Fermi Site Office Program Direction Program Direction 2,497 2,581 7,037 7,877 482,770 546,649 426,089 426,089 426,089 426,089 426,089 426,089 426,089	Science Laboratories Infrastructure	20,000	20,000	10,000
Total, Fermi National Accelerator Laboratory 482,770 546,649 426,089 Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Safeguards and Security			
Fermi Site Office Program Direction Program Direction 2,497 2,581 2,490	Safeguards and Security	5,341	7,037	7,877
Program Direction Program Direction 2,497 2,581 2,490	Total, Fermi National Accelerator Laboratory	482,770	546,649	426,089
Program Direction 2,497 2,581 2,490	Fermi Site Office			
	Program Direction			
Total, Fermi Site Office 2,497 2,581 2,490	Program Direction	2,497	2,581	2,490
	Total, Fermi Site Office	2,497	2,581	2,490

FY 2020 Congressional Budget

Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Idaho National Laboratory		_	
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	70	70	70
Basic Energy Sciences			
Basic Energy Sciences	900	4,592	4,103
Fusion Energy Sciences			
Fusion Energy Sciences	2,700	5,510	2,500
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	406	0	0
Total, Idaho National Laboratory	4,076	10,172	6,673
Lawrence Berkeley National Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	190,635	213,107	179,276
Basic Energy Sciences			
Basic Energy Sciences	174,716	225,806	174,244
Biological and Environmental Research			
Biological and Environmental Research	154,819	148,595	121,568
Fusion Energy Sciences			
Fusion Energy Sciences	0	895	1,115
High Energy Physics			
High Energy Physics	78,190	82,427	53,678
Nuclear Physics			
Nuclear Physics	27,821	26,121	19,759
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	1,111	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	54,850	5,000	11,000
Safeguards and Security			
Safeguards and Security	7,240	7,155	7,175
Total, Lawrence Berkeley National Laboratory	689,382	709,106	567,815

FY 2020 Congressional Budget

Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Lawrence Livermore National Laboratory		-	
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	6,675	5,531	2,097
Basic Energy Sciences			
Basic Energy Sciences	926	1,804	1,772
Biological and Environmental Research			
Biological and Environmental Research	28,821	21,928	20,633
Fusion Energy Sciences			
Fusion Energy Sciences	9,218	8,819	6,786
High Energy Physics			
High Energy Physics	3,940	2,315	1,000
Nuclear Physics			
Nuclear Physics	893	1,728	1,650
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	482	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	50	0	0
Total, Lawrence Livermore National Laboratory	51,005	42,125	33,938
Los Alamos National Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	3,003	3,626	2,135
Basic Energy Sciences			
Basic Energy Sciences	18,121	23,337	22,358
Biological and Environmental Research			
Biological and Environmental Research	30,098	25,424	17,525
Fusion Energy Sciences			
Fusion Energy Sciences	3,607	3,087	3,610
High Energy Physics			
High Energy Physics	1,930	2,640	1,260
Nuclear Physics			
Nuclear Physics	9,111	9,360	8,791
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	520	0	C
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	350	0	0
Total, Los Alamos National Laboratory	66,740	67,474	55,679

FY 2020 Congressional Budget

Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
National Renewable Energy Laboratory			
Basic Energy Sciences			
Basic Energy Sciences	7,741	12,600	12,620
Biological and Environmental Research			
Biological and Environmental Research	924	108	80
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	1,156	0	0
Total, National Renewable Energy Laboratory	9,821	12,708	12,700
Nevada Operations Office			
Basic Energy Sciences			
Basic Energy Sciences	482	0	0
Total, Nevada Operations Office	482	0	0
Oak Ridge Institute for Science & Education			
Basic Energy Sciences			
Basic Energy Sciences	600	0	0
Biological and Environmental Research			
Biological and Environmental Research	3,874	1,478	1,023
Fusion Energy Sciences			
Fusion Energy Sciences	300	750	1,000
High Energy Physics			
High Energy Physics	1,523	0	0
Nuclear Physics			
Nuclear Physics	697	697	636
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	9,322	0	0
Safeguards and Security			
Safeguards and Security	1,929	1,892	1,894
Total, Oak Ridge Institute for Science & Education	18,245	4,817	4,553

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cience	FY 2018	FY 2019	FY 2020
	Total Enacted	Enacted	Request
Oak Ridge National Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	378,431	446,543	405,466
Basic Energy Sciences			
Basic Energy Sciences	370,246	410,799	322,274
Biological and Environmental Research			
Biological and Environmental Research	81,772	84,620	57,312
Fusion Energy Sciences			
Fusion Energy Sciences	146,127	162,283	134,658
High Energy Physics			
High Energy Physics	500	920	370
Nuclear Physics			
Nuclear Physics	10,421	18,206	23,476
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	30,800	51,000	45,000
Safeguards and Security			
Safeguards and Security	12,215	12,864	29,97
Total, Oak Ridge National Laboratory	1,030,512	1,187,235	1,018,529
Oak Ridge National Laboratory Site Office			
Program Direction			
Program Direction	5,465	5,551	5,24
Total, Oak Ridge National Laboratory Site Office	5,465	5,551	5,24
Oak Ridge Office			
Basic Energy Sciences			
Basic Energy Sciences	995	0	(
Biological and Environmental Research			
Biological and Environmental Research	995	0	(
Nuclear Physics			
Nuclear Physics	24	50	
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	9,182	6,434	8,80
Safeguards and Security			
Safeguards and Security	22,074	23,472	4,55
Program Direction			
Program Direction	25,082	24,177	23,34
Total, Oak Ridge Office	58,352	54,133	36,702

FY 2020 Congressional Budget

Funding by Appropriation by Site

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Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Office of Scientific & Technical Information		•	
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	148	155	155
Basic Energy Sciences			
Basic Energy Sciences	221	0	0
Biological and Environmental Research			
Biological and Environmental Research	188	154	148
Fusion Energy Sciences			
Fusion Energy Sciences	148	0	0
High Energy Physics			
High Energy Physics	32	0	0
Nuclear Physics			
Nuclear Physics	171	285	129
Safeguards and Security			
Safeguards and Security	783	759	759
Program Direction			
Program Direction	9,222	9,120	8,934
Total, Office of Scientific & Technical Information	10,913	10,473	10,125
Pacific Northwest National Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	2,881	5,597	2,460
Basic Energy Sciences			
Basic Energy Sciences	21,069	33,216	33,205
Biological and Environmental Research			
Biological and Environmental Research	113,735	117,434	75,930
Fusion Energy Sciences			
Fusion Energy Sciences	1,413	250	1,413
High Energy Physics			
High Energy Physics	2,725	1,460	775
Nuclear Physics			
Nuclear Physics	500	500	0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	1,020	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	20,000	24,000	9,000
Safeguards and Security			
Safeguards and Security	12,654	12,459	12,759
Total, Pacific Northwest National Laboratory	175,997	194,916	135,542

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Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Pacific Northwest Site Office			
Program Direction			
Program Direction	4,942	5,084	4,987
Total, Pacific Northwest Site Office	4,942	5,084	4,987
Princeton Plasma Physics Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	385	385	335
Fusion Energy Sciences			
Fusion Energy Sciences	104,483	107,770	67,207
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	398	0	0
Safeguards and Security			
Safeguards and Security	2,684	3,354	3,358
Total, Princeton Plasma Physics Laboratory	107,950	111,509	70,900
Princeton Site Office			
Program Direction			
Program Direction	1,799	1,862	1,895
Total, Princeton Site Office	1,799	1,862	1,895
Sandia National Laboratories			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	9,579	17,331	11,786
Basic Energy Sciences			
Basic Energy Sciences	24,903	28,219	27,743
Biological and Environmental Research			
Biological and Environmental Research	10,407	10,002	9,200
Fusion Energy Sciences			
Fusion Energy Sciences	3,139	1,265	1,419
High Energy Physics			
High Energy Physics	0	100	0
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	120	0	0

FY 2020 Congressional Budget

Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Savannah River National Laboratory			_
Basic Energy Sciences			
Basic Energy Sciences	0	420	410
Biological and Environmental Research			
Biological and Environmental Research	50	0	0
Fusion Energy Sciences			
Fusion Energy Sciences	50	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	50	0	0
Total, Savannah River National Laboratory	150	420	410
SLAC National Accelerator Laboratory			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	528	1,366	720
Basic Energy Sciences			
Basic Energy Sciences	415,038	389,853	235,574
Biological and Environmental Research			
Biological and Environmental Research	5,949	4,463	3,300
Fusion Energy Sciences			
Fusion Energy Sciences	5,550	2,340	6,200
High Energy Physics			
High Energy Physics	68,126	64,007	48,692
Nuclear Physics			
Nuclear Physics	1,047	1,015	774
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	415	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	8,800	9,400	3,000
Safeguards and Security			
Safeguards and Security	4,251	4,304	4,328
Total, SLAC National Accelerator Laboratory	509,704	476,748	302,588
Stanford Site Office			
Program Direction			
Program Direction	2,456	2,476	2,514
Total, Stanford Site Office	2,456	2,476	2,514

FY 2020 Congressional Budget

Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Thomas Jefferson National Accelerator Facility	Total Eliactea	Lindeled	Request
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	273	387	382
High Energy Physics			
High Energy Physics	25	350	1,227
Nuclear Physics			,
Nuclear Physics	124,332	129,017	125,964
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	150	0	0
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	9,900	0	2,000
Safeguards and Security	·		•
Safeguards and Security	2,717	3,021	3,037
Total, Thomas Jefferson National Accelerator Facility	137,397	132,775	132,610
Thomas Jefferson Site Office			
Program Direction			
Program Direction	1,947	1,971	2,165
Total, Thomas Jefferson Site Office	1,947	1,971	2,165
Washington Headquarters			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	72,603	68,955	125,253
Basic Energy Sciences	•	•	
Basic Energy Sciences	311,070	147,264	186,597
Biological and Environmental Research			
Biological and Environmental Research	27,540	122,814	66,218
Fusion Energy Sciences			
Fusion Energy Sciences	78,021	130,512	91,396
High Energy Physics			
High Energy Physics	98,884	98,294	97,641
Nuclear Physics			
Nuclear Physics	83,524	105,783	92,640
Workforce Development for Teachers and Scientists			
Workforce Development for Teachers and Scientists	0	22,500	19,500
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	0	11,500	9,000
Safeguards and Security			
Safeguards and Security	8,254	4,583	9,592
Program Direction			
Program Direction	91,775	92,066	94,548
Total, Washington Headquarters	771,671	804,271	792,385

FY 2020 Congressional Budget

Funding by Appropriation by Site

Science	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Y-12 National Security Complex Science Laboratories Infrastructure			
Science Laboratories Infrastructure	500	1,250	0
Total, Y-12 National Security Complex	500	1,250	0
Total, Science	6,259,903	6,585,000	5,545,972