

**Department Of Energy**  
**FY 2018 Congressional Budget**  
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Science

	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
<b>Ames Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	98	0	0
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	21,332	19,245	16,611
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	1,200	1,200	1,000
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	445	410	0
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	0	2,000	0
<b>Safeguards and Security</b>			
Safeguards and Security	1,293	1,231	1,229
<b>Total, Ames Laboratory</b>	<b>24,368</b>	<b>24,086</b>	<b>18,840</b>
<b>Ames Site Office</b>			
<b>Program Direction</b>			
Program Direction	536	633	322
<b>Total, Ames Site Office</b>	<b>536</b>	<b>633</b>	<b>322</b>
<b>Argonne National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	96,615	83,956	103,472
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	247,813	236,609	214,738
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	32,206	30,518	19,598
<b>High Energy Physics</b>			
High Energy Physics	17,347	15,973	12,700
<b>Nuclear Physics</b>			
Nuclear Physics	29,506	28,530	23,975
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	1,231	1,180	0
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	27,510	26,418	29,605
<b>Safeguards and Security</b>			
Safeguards and Security	9,022	9,245	9,166
<b>Total, Argonne National Laboratory</b>	<b>461,250</b>	<b>432,429</b>	<b>413,254</b>
<b>Argonne Site Office</b>			
<b>Program Direction</b>			
Program Direction	3,852	4,449	4,314
<b>Total, Argonne Site Office</b>	<b>3,852</b>	<b>4,449</b>	<b>4,314</b>

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**Berkeley Site Office**

**Program Direction**

Program Direction

	FY 2016 Enacted	FY 2017 Annualized CR	FY 2018 Request
Program Direction	2,970	3,377	3,298
<b>Total, Berkeley Site Office</b>	<b>2,970</b>	<b>3,377</b>	<b>3,298</b>

**Brookhaven National Laboratory**

**Advanced Scientific Computing Research**

Advanced Scientific Computing Research

**Basic Energy Sciences**

Basic Energy Sciences

**Biological and Environmental Research**

Biological and Environmental Research

**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**

Science Laboratories Infrastructure

**Safeguards and Security**

Safeguards and Security

**Total, Brookhaven National Laboratory**

**Brookhaven Site Office**

**Program Direction**

Program Direction

**Total, Brookhaven Site Office**

Advanced Scientific Computing Research	971	1,180	0
Basic Energy Sciences	193,047	173,628	134,626
Biological and Environmental Research	11,938	9,814	7,200
High Energy Physics	74,291	68,619	46,440
Nuclear Physics	191,339	189,280	176,245
Workforce Development for Teachers and Scientists	1,964	1,310	0
Science Laboratories Infrastructure	0	0	1,500
Safeguards and Security	13,416	12,369	12,413
<b>Total, Brookhaven National Laboratory</b>	<b>486,966</b>	<b>456,200</b>	<b>378,424</b>
Program Direction	4,262	4,814	4,485
<b>Total, Brookhaven Site Office</b>	<b>4,262</b>	<b>4,814</b>	<b>4,485</b>

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Science

**Chicago Operations Office**

**Advanced Scientific Computing Research**

Advanced Scientific Computing Research

38,507

31,158

11,929

**Basic Energy Sciences**

Basic Energy Sciences

302,252

286,394

277,466

**Biological and Environmental Research**

Biological and Environmental Research

130,050

97,066

41,159

**Fusion Energy Sciences**

Fusion Energy Sciences

167,025

111,775

100,974

**High Energy Physics**

High Energy Physics

117,581

105,432

58,140

**Nuclear Physics**

Nuclear Physics

180,973

179,680

123,713

**Science Laboratories Infrastructure**

Science Laboratories Infrastructure

1,149

1,710

1,713

**Safeguards and Security**

Safeguards and Security

45

45

50

**Program Direction**

Program Direction

25,240

23,567

21,065

**Total, Chicago Operations Office**

**962,822**

**836,827**

**636,209**

**Fermi National Accelerator Laboratory**

**Advanced Scientific Computing Research**

Advanced Scientific Computing Research

355

530

0

**Basic Energy Sciences**

Basic Energy Sciences

1,496

1,424

995

**Fusion Energy Sciences**

Fusion Energy Sciences

20

0

0

**High Energy Physics**

High Energy Physics

367,505

367,387

376,699

**Nuclear Physics**

Nuclear Physics

45

25

30

**Workforce Development for Teachers and Scientists**

Workforce Development for Teachers and Scientists

274

210

0

**Science Laboratories Infrastructure**

Science Laboratories Infrastructure

9,000

0

1,500

**Safeguards and Security**

Safeguards and Security

5,610

5,297

5,341

**Total, Fermi National Accelerator Laboratory**

**384,305**

**374,873**

**384,565**

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Science

**Fermi Site Office**

**Program Direction**

Program Direction

2,359

2,613

2,463

**Total, Fermi Site Office**

**2,359**

**2,613**

**2,463**

**Idaho National Laboratory**

**Basic Energy Sciences**

Basic Energy Sciences

800

900

900

**Fusion Energy Sciences**

Fusion Energy Sciences

2,690

2,690

2,450

**Workforce Development for Teachers and Scientists**

Workforce Development for Teachers and Scientists

486

240

0

**Total, Idaho National Laboratory**

**3,976**

**3,830**

**3,350**

**Lawrence Berkeley National Laboratory**

**Advanced Scientific Computing Research**

Advanced Scientific Computing Research

153,596

146,644

127,513

**Basic Energy Sciences**

Basic Energy Sciences

168,425

154,736

135,147

**Biological and Environmental Research**

Biological and Environmental Research

147,554

149,795

88,534

**Fusion Energy Sciences**

Fusion Energy Sciences

3,466

2,466

0

**High Energy Physics**

High Energy Physics

89,442

65,570

51,595

**Nuclear Physics**

Nuclear Physics

21,684

18,742

13,535

**Workforce Development for Teachers and Scientists**

Workforce Development for Teachers and Scientists

1,302

740

0

**Science Laboratories Infrastructure**

Science Laboratories Infrastructure

20,000

28,962

24,800

**Safeguards and Security**

Safeguards and Security

7,796

7,169

7,240

**Total, Lawrence Berkeley National Laboratory**

**613,265**

**574,824**

**448,364**

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<b>Lawrence Livermore National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	7,187	3,171	1,321
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	2,883	2,321	1,309
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	23,357	23,424	15,033
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	6,500	8,208	6,224
<b>High Energy Physics</b>			
High Energy Physics	4,605	2,825	825
<b>Nuclear Physics</b>			
Nuclear Physics	848	1,000	904
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	290	300	0
<b>Total, Lawrence Livermore National Laboratory</b>	<b>45,670</b>	<b>41,249</b>	<b>25,616</b>
<b>Los Alamos National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	8,028	1,620	127
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	26,309	25,120	8,206
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	23,437	24,391	10,900
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	3,138	1,780	3,150
<b>High Energy Physics</b>			
High Energy Physics	2,085	2,107	1,705
<b>Nuclear Physics</b>			
Nuclear Physics	10,519	7,927	6,823
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	500	270	0
<b>Total, Los Alamos National Laboratory</b>	<b>74,016</b>	<b>63,215</b>	<b>30,911</b>
<b>National Energy Technology Lab</b>			
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	200	200	181
<b>Total, National Energy Technology Lab</b>	<b>200</b>	<b>200</b>	<b>181</b>

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<b>National Renewable Energy Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	173	0	0
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	14,416	11,419	10,700
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	886	500	500
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	1,306	710	0
<b>Total, National Renewable Energy Laboratory</b>	<b>16,781</b>	<b>12,629</b>	<b>11,200</b>
<b>Nevada Operations Office</b>			
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	365	300	0
<b>Total, Nevada Operations Office</b>	<b>365</b>	<b>300</b>	<b>0</b>
<b>New Brunswick Laboratory Program Office</b>			
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	1,200	0	0
<b>Program Direction</b>			
Program Direction	3,593	2,465	2,608
<b>Total, New Brunswick Laboratory Program Office</b>	<b>4,793</b>	<b>2,465</b>	<b>2,608</b>
<b>Oak Ridge Institute for Science &amp; Education</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	2,719	0	1,000
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	4,279	1,925	850
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	3,016	2,148	1,030
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	1,816	544	494
<b>High Energy Physics</b>			
High Energy Physics	1,024	251	0
<b>Nuclear Physics</b>			
Nuclear Physics	572	467	353
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	9,426	4,170	0
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	1,000	1,000	0
<b>Safeguards and Security</b>			
Safeguards and Security	1,997	1,925	1,929
<b>Total, Oak Ridge Institute for Science &amp; Education</b>	<b>25,849</b>	<b>12,430</b>	<b>5,656</b>

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**Oak Ridge National Laboratory**

**Advanced Scientific Computing Research**

Advanced Scientific Computing Research

266,564

265,220

348,503

**Basic Energy Sciences**

Basic Energy Sciences

326,929

318,344

285,357

**Biological and Environmental Research**

Biological and Environmental Research

79,677

74,904

26,041

**Fusion Energy Sciences**

Fusion Energy Sciences

134,790

133,465

78,021

**High Energy Physics**

High Energy Physics

125

550

450

**Nuclear Physics**

Nuclear Physics

20,726

13,013

10,981

**Science Laboratories Infrastructure**

Science Laboratories Infrastructure

12,000

11,977

10,000

**Safeguards and Security**

Safeguards and Security

12,060

12,374

12,215

**Total, Oak Ridge National Laboratory**

**852,871**

**829,847**

**771,568**

**Oak Ridge National Laboratory Site Office**

**Program Direction**

Program Direction

5,466

6,134

5,365

**Total, Oak Ridge National Laboratory Site Office**

**5,466**

**6,134**

**5,365**

**Oak Ridge Office**

**Basic Energy Sciences**

Basic Energy Sciences

85

85

0

**Nuclear Physics**

Nuclear Physics

0

86

0

**Science Laboratories Infrastructure**

Science Laboratories Infrastructure

6,177

6,165

6,082

**Safeguards and Security**

Safeguards and Security

20,577

21,794

22,074

**Program Direction**

Program Direction

27,638

23,725

21,338

**Total, Oak Ridge Office**

**54,477**

**51,855**

**49,494**

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<b>Office of Scientific &amp; Technical Information</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	236	214	145
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	557	0	0
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	257	76	152
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	221	145	0
<b>High Energy Physics</b>			
High Energy Physics	277	230	0
<b>Nuclear Physics</b>			
Nuclear Physics	246	211	108
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	50	0	0
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	200	200	0
<b>Safeguards and Security</b>			
Safeguards and Security	682	784	783
<b>Program Direction</b>			
Program Direction	8,938	8,620	8,084
<b>Total, Office of Scientific &amp; Technical Information</b>	<b>11,664</b>	<b>10,480</b>	<b>9,272</b>
<b>Pacific Northwest National Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	8,842	1,519	1,779
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	31,185	29,718	25,577
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	117,392	105,685	54,967
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	1,913	1,763	1,150
<b>High Energy Physics</b>			
High Energy Physics	3,256	3,425	2,600
<b>Nuclear Physics</b>			
Nuclear Physics	500	0	0
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	1,029	760	0
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	0	0	1,000
<b>Safeguards and Security</b>			
Safeguards and Security	13,383	12,839	12,654
<b>Total, Pacific Northwest National Laboratory</b>	<b>177,500</b>	<b>155,709</b>	<b>99,727</b>



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<b>Pacific Northwest Site Office</b>			
<b>Program Direction</b>			
Program Direction	4,855	4,969	4,651
<b>Total, Pacific Northwest Site Office</b>	<b>4,855</b>	<b>4,969</b>	<b>4,651</b>
<b>Princeton Plasma Physics Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	295	0	0
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	1,300	1,300	1,000
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	92,378	76,899	62,965
<b>High Energy Physics</b>			
High Energy Physics	200	0	0
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	487	250	0
<b>Safeguards and Security</b>			
Safeguards and Security	2,771	2,535	2,684
<b>Total, Princeton Plasma Physics Laboratory</b>	<b>97,431</b>	<b>80,984</b>	<b>66,649</b>
<b>Princeton Site Office</b>			
<b>Program Direction</b>			
Program Direction	1,764	1,607	1,602
<b>Total, Princeton Site Office</b>	<b>1,764</b>	<b>1,607</b>	<b>1,602</b>
<b>Sandia National Laboratories</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	11,768	2,829	2,257
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	34,791	28,326	12,646
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	10,413	13,389	5,950
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	2,774	2,543	2,170
<b>High Energy Physics</b>			
High Energy Physics	35	100	0
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	130	100	0
<b>Total, Sandia National Laboratories</b>	<b>59,911</b>	<b>47,287</b>	<b>23,023</b>

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<b>Savannah River National Laboratory</b>			
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	737	737	292
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	425	425	0
<b>Total, Savannah River National Laboratory</b>	<b>1,162</b>	<b>1,162</b>	<b>292</b>
<b>SLAC National Accelerator Laboratory</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	852	125	0
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	408,437	403,064	362,200
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	3,940	4,011	800
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	8,014	7,948	5,300
<b>High Energy Physics</b>			
High Energy Physics	91,520	95,636	54,059
<b>Nuclear Physics</b>			
Nuclear Physics	269	789	506
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	400	350	0
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	34,800	34,952	0
<b>Safeguards and Security</b>			
Safeguards and Security	4,257	4,247	4,251
<b>Total, SLAC National Accelerator Laboratory</b>	<b>552,489</b>	<b>551,122</b>	<b>427,116</b>
<b>Stanford Site Office</b>			
<b>Program Direction</b>			
Program Direction	2,309	2,404	2,327
<b>Total, Stanford Site Office</b>	<b>2,309</b>	<b>2,404</b>	<b>2,327</b>

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<b>Thomas Jefferson National Accelerator Facility</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	284	0	0
<b>High Energy Physics</b>			
High Energy Physics	1,040	140	0
<b>Nuclear Physics</b>			
Nuclear Physics	119,587	112,804	96,818
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	180	150	0
<b>Safeguards and Security</b>			
Safeguards and Security	2,687	2,709	2,717
<b>Total, Thomas Jefferson National Accelerator Facility</b>	<b>123,778</b>	<b>115,803</b>	<b>99,535</b>
<b>Thomas Jefferson Site Office</b>			
<b>Program Direction</b>			
Program Direction	1,835	1,861	1,739
<b>Total, Thomas Jefferson Site Office</b>	<b>1,835</b>	<b>1,861</b>	<b>1,739</b>
<b>Washington Headquarters</b>			
<b>Advanced Scientific Computing Research</b>			
Advanced Scientific Computing Research	23,910	81,653	123,964
<b>Basic Energy Sciences</b>			
Basic Energy Sciences	61,362	149,690	65,699
<b>Biological and Environmental Research</b>			
Biological and Environmental Research	23,677	70,921	76,086
<b>Fusion Energy Sciences</b>			
Fusion Energy Sciences	12,830	86,516	47,042
<b>High Energy Physics</b>			
High Energy Physics	24,667	65,244	67,487
<b>Nuclear Physics</b>			
Nuclear Physics	40,286	63,373	48,709
<b>Workforce Development for Teachers and Scientists</b>			
Workforce Development for Teachers and Scientists	0	8,313	14,000
<b>Science Laboratories Infrastructure</b>			
Science Laboratories Infrastructure	564	0	0
<b>Safeguards and Security</b>			
Safeguards and Security	7,404	8,242	8,254
<b>Program Direction</b>			
Program Direction	89,383	93,410	84,855
<b>Total, Washington Headquarters</b>	<b>284,083</b>	<b>627,362</b>	<b>536,096</b>
<b>Total, Science</b>	<b>5,350,200</b>	<b>5,340,029</b>	<b>4,472,516</b>