Science
Facilities Maintenance and Repair

The Department's Facilities Maintenance and Repair activities are tied to its programmatic missions, goals, and objectives. Facilities Maintenance and Repair activities funded by this budget are displayed below.

Costs for Direct-Funded Maintenance and Repair (including Deferred Maintenance Reduction) ($K)

	FY 2013 Actual Costs	FY 2013 Planned Costs	FY 2014 Planned Costs	FY 2015 Planned Costs
Brookhaven National Laboratory	6,044	5,995	5,515	5,681
Fermi National Accelerator Laboratory	21	139	142	152
Notre Dame Radiation Laboratory	154	58	80	105
Oak Ridge National Laboratory	15,731	15,506	15,816	16,132
Oak Ridge Office	1,714	3,032	2,581	2,989
Office of Scientific and Technical Information	363	364	372	713
Pacific Northwest National Laboratory	0	0	2,358	2,449
SLAC National Accelerator Laboratory	4,114	5,116	3,545	3,669
Thomas Jefferson National Accelerator Facility	91	65	67	69
Total, Direct-Funded Maintenance and Repair	28,232	30,275	30,476	31,959

General purpose infrastructure includes multiprogram research laboratories, administrative and support buildings, as well as cafeterias, power plants, fire stations, utilities, roads, and other structures. Together, the SC laboratories have over 1,400 operational buildings and real property trailers, with nearly 20 million gross square feet of space.

Generally, facilities maintenance and repair expenses are funded through an indirect overhead charge. In some cases, however, a laboratory may charge maintenance directly to a specific program. One example would be when maintenance is performed in a building used only by a single program. Such direct-funded charges are not directly budgeted.

Costs for Indirect-Funded Maintenance and Repair (including Deferred Maintenance Reduction) ($K)

	FY 2013 Actual Costs	FY 2013 Planned Costs	FY 2014 Planned Costs	FY 2015 Planned Costs
Ames Laboratory	1,333	1,299	1,696	1,729
Argonne National Laboratory	57,121	50,100	43,400	49,100
Brookhaven National Laboratory	35,094	35,743	37,722	38,565
Fermi National Accelerator Laboratory	15,803	16,761	17,158	18,348
Lawrence Berkeley National Laboratory	17,780	16,800	17,000	17,200
Lawrence Livermore National Laboratory	2,773	2,773	2,828	2,885
Los Alamos National Laboratory	119	119	121	123
Oak Ridge Institute for Science and Education	607	420	433	443

	FY 2013 Actual Costs	FY 2013 Planned Costs	FY 2014 Planned Costs	FY 2015 Planned Costs
Oak Ridge National Laboratory	61,036	58,458	59,627	60,820
Oak Ridge National Laboratory facilities at Y-12	1,136	761	761	761
Pacific Northwest National Laboratory	4,606	3,792	1,809	2,280
Princeton Plasma Physics Laboratory	6,469	6,460	6,730	6,875
Sandia National Laboratories	2,598	2,598	2,649	2,701
SLAC National Accelerator Laboratory	8,699	10,898	8,208	8,208
Thomas Jefferson National Accelerator Facility	6,084	5,400	5,500	5,600
Total, Indirect-Funded Maintenance and Repair	**221,258**	**212,382**	**205,642**	**215,638**

Facilities maintenance and repair activities funded indirectly through overhead charges at SC laboratories are displayed. Since this funding is allocated to all work done at each laboratory, the cost of these activities is allocated to SC and other DOE organizations, as well as other Federal agencies and other entities doing work at SC laboratories. Maintenance reported to SC for non-SC laboratories is also shown. The figures are total projected expenditures across all SC laboratories.

Institutional General Plant Projects ($K)

	FY 2013 Current	FY 2014 Enacted	FY 2015 Request	FY 2015 vs. FY 2014 Enacted
Argonne National Laboratory	12,044	13,090	15,395	+2,305
Brookhaven National Laboratory	9,453	7,740	7,740	0
Lawrence Berkeley National Laboratory	6,451	6,000	6,000	0
Oak Ridge National Laboratory	16,553	14,300	14,295	-5
Pacific Northwest National Laboratory	4,563	16,149	15,200	-949
SLAC National Accelerator Laboratory	4,390	4,344	3,714	-630
Total, IGPP	**53,454**	**61,623**	**62,344**	**+721**

Institutional General Plant Projects are construction projects that are less than $10 million and cannot be allocated to a specific program. IGPPs fulfill multi-programmatic and/or inter-disciplinary needs and are funded through site overhead. The table displays total IGPP funding across all SC laboratories by site.

This report responds to legislative language set forth in Conference Report (H.R. Conf. Rep. No. 108-10) accompanying the Consolidated Appropriations Resolution, 2003 (Public Law 108-7) (pages 886-887), which requests the Department of Energy provide an annual year-end report on maintenance expenditures to the Committees on Appropriations. This report compares the actual maintenance expenditures in FY 2013 to the amount planned for FY 2013, including Congressionally directed changes.

Total Costs for Maintenance and Repair ($K)

	FY 2013 Actual Costs	FY 2013 Planned Costs
Ames Laboratory	1,333	1,299
Argonne National Laboratory	57,121	50,100
Brookhaven National Laboratory	41,138	41,738
Fermi National Accelerator Laboratory	15,824	16,900
Lawrence Berkeley National Laboratory	17,780	16,800
Lawrence Livermore National Laboratory	2,773	2,773
Los Alamos National Laboratory	119	119
Notre Dame Radiation Laboratory	154	58
Oak Ridge Institute for Science and Education	607	420
Oak Ridge National Laboratory	76,767	73,964
Oak Ridge National Laboratory facilities at Y-12	1,136	761
Oak Ridge Office	1,714	3,032
Office of Scientific and Technical Information	363	364
Pacific Northwest National Laboratory	4,606	3,792
Princeton Plasma Physics Laboratory	6,469	6,460
Sandia National Laboratories	2,598	2,598
SLAC National Accelerator Laboratory	12,813	16,014
Thomas Jefferson National Accelerator Facility	6,175	5,465
Total, Indirect-Funded Maintenance and Repair	249,490	242,657

Science
Research and Development ($K)

	FY 2013 Current	FY 2014 Enacted	FY 2015 Request	FY 2015 vs. FY 2014 Enacted
Basic	3,785,377	4,024,856	4,093,469	+68,613
Applied	60,120[a]	0	0	0
Subtotal, R&D	3,845,497	4,024,856	4,093,469	+68,613
Equipment	278,765	153,947	154,166	+219
Construction	167,151	476,368	466,150	-10,218
Total, R&D	**4,291,413**	**4,655,171**	**4,713,785**	**+58,614**

[a] Applied funding in FY 2013 represents SBIR/STTR funding transferred from other DOE programs. No applied funding is shown in FY 2014 or FY 2015 because the transfer from other DOE programs has not yet occurred.

Science

Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR) ($K)

	FY 2013 Reprogrammed/ Transferred	FY 2014 Projected	FY 2015 Request	FY 2015 vs. FY 2014 Projected
Office of Science				
Advanced Scientific Computing Research				
SBIR	11,312	13,272	15,457	+2,185
STTR	1,466	1,895	2,132	+237
Basic Energy Sciences				
SBIR	39,756	43,034	46,309	+3,275
STTR	5,154	6,148	6,387	+239
Biological and Environmental Research				
SBIR	15,613	16,890	18,077	+1,187
STTR	2,024	2,413	2,493	+80
Fusion Energy Sciences				
SBIR	6,516	7,697	7,461	-236
STTR	845	1,100	1,029	-71
High Energy Physics				
SBIR	18,405	18,916	18,098	-818
STTR	2,386	2,703	2,497	-206
Nuclear Physics				
SBIR	11,164	12,557	13,024	+467
STTR	1,447	1,794	1,796	+2
Total, Office of Science SBIR/STTR	**116,088**	**128,419**	**134,760**	**+6,341**

	FY 2013 Reprogrammed/ Transferred	FY 2014 Projected	FY 2015 Request	FY 2015 vs. FY 2014 Projected
Other DOE				
Nuclear Energy				
SBIR	9,541	0	0	0
STTR	1,237	0	0	0
Electricity Delivery & Energy Reliability				
SBIR	2,530	0	0	0
STTR	328	0	0	0
Energy Efficiency & Renewable Energy				
SBIR	24,044	0	0	0
STTR	3,625	0	0	0
Environmental Management				
SBIR	273	0	0	0
STTR	35	0	0	0
Defense Nuclear Nonproliferation				
SBIR	7,990	0	0	0
STTR	1,036	0	0	0
Fossil Energy				
SBIR	8,393	0	0	0
STTR	1,088	0	0	0
Total, Other DOE SBIR/STTR	**60,120**	**0**	**0**	**0**
Total, DOE SBIR/STTR	**176,208**	**128,419**	**134,760**	**+6,341**

Science
Safeguards and Security Crosscut ($K)

	FY 2013 Current	FY 2014 Enacted	FY 2015 Request	FY 2015 vs. FY 2014 Enacted
Protective Forces	34,693	38,141	38,388	+247
Physical Security Systems	10,165	13,319	13,521	+202
Information Security	4,119	4,164	4,432	+268
Cyber Security	15,646	17,599	23,908	+6,309
Personnel Security	4,760	5,143	5,180	+37
Material Control and Accountability	2,283	2,397	2,061	-336
Program Management	5,840	6,237	6,510	+273
Total, Safeguards and Security Crosscut	**77,506**	**87,000**	**94,000**	**+7,000**