

**Science
Facilities Maintenance and Repair**

The Department’s Facilities Maintenance and Repair activities are tied to its programmatic missions, goals, and objectives. The Facilities Maintenance and Repair activities funded by the budget and displayed below and are intended to ensure that the scientific community has the facilities required to conduct cutting edge scientific research now and, in the future, to meet Department of Energy (DOE) goals and objectives.

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

(dollars in thousands)

	FY 2023 Planned Cost	FY 2023 Actual Cost	FY 2024 Planned Cost	FY 2025 Planned Cost
Brookhaven National Laboratory	6,863	5,437	6,298	6,437
Lawrence Berkeley National Laboratory	21,850	1,145	500	500
Oak Ridge Institute for Science and Education	569	498	-	4,400
Oak Ridge National Laboratory	33,009	23,950	24,669	25,409
Oak Ridge Office	5,376	5,031	5,054	5,152
Office of Scientific and Technical Information	569	787	827	868
SLAC National Accelerator Laboratory	-	5,106	5,259	5,417
Thomas Jefferson National Accelerator Facility	81	269	277	285
Total, Direct-Funded Maintenance and Repair	68,317	42,223	42,884	48,468

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 Office of Science (SC) laboratories have over 1,600 operational buildings and real property trailers, with nearly 24 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.

Indirect-Funded Maintenance and Repair (including Deferred Maintenance Reduction)

Facilities maintenance and repair activities funded indirectly through overhead charges at SC laboratories are displayed in the table below. Since this funding is allocated to all work done at each laboratory, the cost of these activities is charged to funding from 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 costs across all SC laboratories.

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

(dollars in thousands)

	FY 2023 Planned Cost	FY 2023 Actual Cost	FY 2024 Planned Cost	FY 2025 Planned Cost
Ames Laboratory	2,900	3,214	3,200	3,200
Argonne National Laboratory	57,734	54,173	55,800	57,500
Brookhaven National Laboratory	42,158	35,711	42,150	43,077
Fermi National Accelerator Laboratory	21,167	28,151	30,000	35,000
Lawrence Berkeley National Laboratory	49,904	46,713	59,568	53,031
Oak Ridge Institute for Science and Education	731	1,320	753	776
Oak Ridge National Laboratory and Y-12	64,356	76,931	79,239	81,616
Oak Ridge Office	2,559	2,033	2,435	2,494
Pacific Northwest National Laboratory	14,172	13,341	12,728	13,682
Princeton Plasma Physics Laboratory	7,285	7,898	8,040	8,150
SLAC National Accelerator Laboratory	21,128	17,450	17,974	18,513
Thomas Jefferson National Accelerator Facility	9,004	9,853	9,274	9,552
Total, Indirect-Funded Maintenance and Repair	293,098	296,788	321,161	326,591

Science
Report on FY 2023 Expenditures for Maintenance and Repair

This report responds to the requirements established in Conference Report (H.Rep.108-10) accompanying Public Law 108-7 (pages 886–887), which requires the DOE to provide an annual year-end report on maintenance expenditures to the Committees on Appropriations. This report compares the actual maintenance expenditures in FY 2023 to the amount planned for FY 2023, including Congressionally directed changes.

Total Costs for Maintenance and Repair

(dollars in thousands)

	FY 2023 Planned Costs	FY 2023 Actual Costs
Ames Laboratory	2,900	3,214
Argonne National Laboratory	57,734	54,173
Brookhaven National Laboratory	49,021	41,148
Fermi National Accelerator Laboratory	21,167	28,151
Lawrence Berkeley National Laboratory	71,754	47,858
Oak Ridge Institute for Science and Education	1,300	1,818
Oak Ridge National Laboratory and Y-12	97,365	100,881
Oak Ridge Office	7,935	7,064
Office of Scientific and Technical Information	569	787
Pacific Northwest National Laboratory	14,172	13,341
Princeton Plasma Physics Laboratory	7,285	7,898
SLAC National Accelerator Laboratory	21,128	22,556
Thomas Jefferson National Accelerator Facility	9,085	10,122
Total Costs for Maintenance and Repair	361,415	339,011

**Science
Excess Facilities**

Excess Facilities are facilities no longer required to support the Department’s needs, present or future missions or functions, or the discharge of its responsibilities. The table below reports the funding to deactivate and dispose of excess infrastructure, including stabilization and risk reduction activities at high-risk excess facilities. These activities result in surveillance and maintenance cost avoidance and reduced risk to workers, the public, the environment, and programs. This includes reductions in costs related to maintenance of excess facilities (including high-risk excess facilities) necessary to minimize the risk posed by those facilities prior to disposition. SC has no direct funded excess facilities costs to report.

Costs for Indirect-Funded Excess Facilities

(dollars in thousands)

	FY 2023 Planned Cost	FY 2023 Actual Cost	FY 2024 Planned Cost	FY 2025 Planned Cost
Argonne National Laboratory	550	571	590	610
Brookhaven National Laboratory	330	477	290	1,000
Fermi National Accelerator Laboratory	1,500	-	3,760	2,000
Lawrence Berkeley National Laboratory	200	1,029	750	1,250
Oak Ridge National Laboratory	1,492	1,439	1,537	1,500
SLAC National Accelerator Laboratory	650	597	210	162
Total, Indirect-Funded Excess Facilities	4,722	4,113	7,137	6,522

**Science
Research and Development**

(dollars in thousands)

	FY 2023 Enacted	FY 2024 Annualized CR	FY 2025 Request	FY 2025 Request vs FY 2023 Enacted
Basic	6,374,837	6,232,583	6,726,470	+351,633
Applied	-	-	-	-
Subtotal, R&D	6,374,837	6,232,583	6,726,470	+351,633
Equipment	251,699	205,531	192,498	-59,201
Construction	1,255,013	1,332,335	1,302,932	+47,919
Total, R&D	7,881,549	7,770,449	8,221,900	+340,351

Science
Small Business Innovative Research/Small Business Technology Transfer (SBIR/STTR)

(dollars in thousands)

	FY 2023 Enacted	FY 2024 Annualized CR	FY 2025 Request	FY 2025 Request vs FY 2023 Enacted	
Office of Science					
Advanced Scientific Computing Research					
SBIR	10,112	10,775	12,046	+1,934	+17.95%
STTR	1,422	1,515	1,694	+272	+17.95%
Basic Energy Sciences					
SBIR	35,557	31,789	33,770	-1,787	-5.62%
STTR	5,000	4,473	4,749	-251	-5.61%
Biological and Environmental Research					
SBIR	21,327	20,319	21,999	+672	+3.31%
STTR	2,999	2,857	3,094	+95	+3.33%
Fusion Energy Sciences					
SBIR	10,921	12,357	14,254	+3,333	+26.97%
STTR	1,536	1,741	2,005	+469	+26.94%
High Energy Physics					
SBIR	13,911	12,450	11,831	-2,080	-16.71%
STTR	1,956	1,751	1,664	-292	-16.68%
Nuclear Physics					
SBIR	8,336	7,061	7,378	-958	-13.57%
STTR	1,173	993	1,037	-136	-13.70%
Accelerator R&D and Production					
SBIR	686	667	608	-78	-11.69%
STTR	96	94	86	-10	-10.64%
Total, Office of Science SBIR	100,850	95,418	101,886	+1,036	+1.09%
Total, Office of Science STTR	14,182	13,424	14,329	+147	+1.10%

Note:

- *The other DOE programs SBIR/STTR funding amounts are listed in the other DOE budget volumes.*
- *Starting in FY 2023, Scientific User Facility operations funding is excluded from SBIR/STTR contribution.*