

DEPARTMENT OF HEALTH AND HUMAN SERVICES  
NATIONAL INSTITUTES OF HEALTH  
Buildings and Facilities

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National Institutes of Health

BUILDINGS AND FACILITIES

*For the study of, construction or demolition of, renovation of, and acquisition of equipment for, facilities of or used by NIH, including the acquisition of real property, \$200,000,000, to remain available through September 30, 2023.*

**NATIONAL INSTITUTES OF HEALTH**  
**Buildings and Facilities**

**Amounts Available for Obligation<sup>1</sup>**  
(Dollars in Thousands)

| Source of Funding                   | FY 2017 Actual <sup>2</sup> | FY 2018 Annualized<br>CR <sup>2</sup> | FY 2019 President's<br>Budget |
|-------------------------------------|-----------------------------|---------------------------------------|-------------------------------|
| Appropriation                       | \$128,863                   | \$128,863                             | \$200,000                     |
| Rescission                          | 0                           | 875                                   | 0                             |
| Sequestration                       | 0                           | 0                                     | 0                             |
| Supplemental                        | 0                           | 0                                     | 0                             |
| Subtotal, adjusted appropriation    | \$128,863                   | \$127,988                             | \$200,000                     |
| Recovery of prior year obligations  | \$0                         | 0                                     | 0                             |
| Unobligated balance, start of year  | \$45,758                    | \$62,888                              | 0                             |
|                                     |                             |                                       |                               |
| Subtotal, adjusted budget authority | \$174,621                   | \$190,876                             | \$200,000                     |
| Total Obligation                    | \$174,621                   | \$190,876                             | \$200,000                     |
| Unobligated balance, end of year    | \$62,888                    | 0                                     | 0                             |
| Unobligated balance lapsing         | 0                           | 0                                     | 0                             |

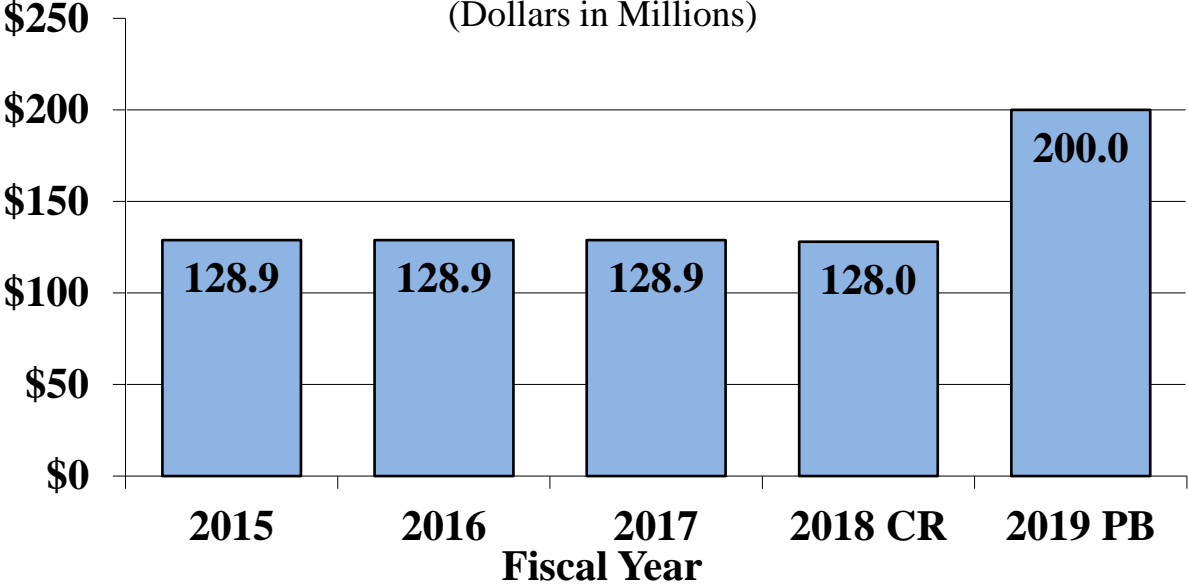
<sup>1</sup> Excludes the following amounts for reimbursable activities carried out by this account:

FY 2017 - \$0    FY 2018 - \$0    FY 2019 - \$0

<sup>2</sup> This display aggregates the X-year account and five-year accounts

# Funding Levels by Fiscal Year

(Dollars in Millions)



**NATIONAL INSTITUTES OF HEALTH  
Buildings & Facilities**

**Authorizing Legislation**

|                                | <b>PHS Act/<br/>Other Citation</b> | <b>U.S. Code<br/>Citation</b> | <b>2018 Amount<br/>Authorized</b> | <b>FY 2018 Annualized CR</b> | <b>2019 Amount<br/>Authorized</b> | <b>FY 2019 President's Budget</b> |
|--------------------------------|------------------------------------|-------------------------------|-----------------------------------|------------------------------|-----------------------------------|-----------------------------------|
| Research and Investigation     | Section 301                        | 42§241                        | Indefinite                        | \$127,987,891                | Indefinite                        | \$200,000,000                     |
| Buildings & Facilities         | Section 401(a)                     | 42§281                        | Indefinite                        |                              | Indefinite                        |                                   |
| <b>Total, Budget Authority</b> |                                    |                               |                                   | <b>\$127,987,891</b>         |                                   | <b>\$200,000,000</b>              |

**NATIONAL INSTITUTES OF HEALTH  
Buildings & Facilities**

**Appropriations History**

| <b>Fiscal Year</b> | <b>Budget Estimate to Congress</b> | <b>House Allowance</b> | <b>Senate Allowance</b> | <b>Appropriation</b> |
|--------------------|------------------------------------|------------------------|-------------------------|----------------------|
| 2009               | \$125,581,000                      | \$125,581,000          | \$146,581,000           | \$125,581,000        |
| Rescission         |                                    |                        |                         | \$0                  |
| 2009 ARRA          |                                    |                        |                         |                      |
| 2010               | \$125,581,000                      | \$125,581,000          | \$100,000,000           | \$100,000,000        |
| Rescission         |                                    |                        |                         | \$0                  |
| 2011               | \$125,581,000                      |                        | \$125,420,000           | \$50,000,000         |
| Rescission         |                                    |                        |                         | \$100,000            |
| 2012               | \$125,581,000                      | \$125,581,000          | \$125,581,000           | \$125,581,000        |
| Rescission         |                                    |                        |                         | \$237,348            |
| 2013               | \$125,308,000                      |                        | \$125,308,000           | \$125,343,652        |
| Rescission         |                                    |                        |                         | \$250,687            |
| Sequestration      |                                    |                        |                         | (\$6,291,389)        |
| 2014               | \$126,111,000                      |                        | \$125,308,000           | \$128,663,000        |
| Rescission         |                                    |                        |                         | \$0                  |
| 2015               | \$128,663,000                      |                        |                         | \$128,863,000        |
| Rescission         |                                    |                        |                         | \$0                  |
| 2016               | \$128,863,000                      | \$132,640,000          | \$128,863,000           | \$0                  |
| Rescission         |                                    |                        |                         | \$0                  |
| 2017 <sup>1</sup>  | \$128,863,000                      |                        |                         | \$128,863,000        |
| Rescission         |                                    |                        |                         | \$0                  |
| 2018               | \$98,615,000                       | \$128,863,000          | \$128,863,000           | \$128,863,000        |
| Rescission         |                                    |                        |                         | \$875,109            |
| 2019               | \$200,000,000                      |                        |                         |                      |

## Justification of Budget Request

### *Buildings and Facilities*

Authorizing Legislation: Section 301 and title IV of the Public Health Services Act, as amended.

Budget Authority:

|                   | FY 2017 Actual | FY 2018 Annualized CR | FY 2019 President's Budget | FY 2019 +/- FY 2018 |
|-------------------|----------------|-----------------------|----------------------------|---------------------|
| BA                | \$128,863,000  | \$127,987,891         | \$200,000,000              | \$72,012,109        |
| Total Obligations | \$174,621,000  | \$190,876,000         | \$200,000,000              | \$9,124,000         |

### Director's Overview

America's continuing leadership in conducting biomedical research requires infrastructure and facilities that are safe, in compliance with all laws and regulations, and conducive to cutting-edge research and research support. The functions of these buildings includes the Clinical Research Center (CRC), which includes 240 inpatient beds and 82 day-hospital stations; biosafety level 3 and 4 high containment facilities; the largest government-owned utility generation and distribution system; biomedical research laboratories; animal holding facilities, and buildings housing research support activities. The NIH strives to balance new facilities needed to support the study of emerging health threats and leverage innovative research opportunities with the need to remain responsible stewards of the existing research facilities.

In addition to construction, another major component of the B&F appropriation is the Repair & Improvement (R&I) program, which enables NIH to maintain and improve the performance of existing facilities throughout their life cycle. As responsible stewards of its 281 facilities, a key aspect of NIH's strategy is to sustain the condition of existing facilities to prevent deterioration and the curtailment of research, by raising the average Condition Index (CI), a function of the ratio of the cost of needed repairs to the replacement value at a specific point in time, to 90 or greater. The current average CI of NIH facilities is 82.59.

### Repairs & Improvements (R&I)

The requested resources will support R&I to the physical plant, building structures, utility systems, roads, and grounds at all the sites in which NIH has an asset interest. These funds will be used to sustain efficient and effective performance of NIH's real property assets to meet ongoing and projected research requirements and to offset the deterioration and obsolescence caused by age and use.

Projects for the R&I program are identified using NIH facilities and program staff recommendations, various facilities studies, and ongoing facilities assessments performed on each building on a three year cycle by a firm experienced in facility assessment methodology. Once we identify potential B&F projects, we rank the projects using a decision model with input from program officials and Subject Matter Experts to ensure our focus is on the most critical projects within available resources. The R&I Board, comprised of senior facilities personnel, makes final project selections. Facilities infrastructure improvements are necessary to meet shifting research priorities and to meet NIH and HHS goals for improving the condition of NIH buildings. Such efforts include upgrading building systems, extending utility infrastructure, and implementing other capital repairs to the buildings and infrastructures to extend their useful life.

This request specifically supports: the continued repair and upgrade of deteriorated infrastructure, including steam and chilled water distribution systems; structural repairs to older buildings that we may continue using effectively; upgrading plumbing systems; repairing elevators; upgrading heating, ventilating, and air conditioning systems; replacing deteriorated fan coil units in multiple facilities. This request supports improvements to address evolving research requirements.

This program supports a comprehensive program of repairs and improvements to ensure compliance with stringent Association for the Assessment and Accreditation of Laboratory Animal Care standards.

The Fiscal Year 2019 request for Buildings & Facilities represents an increase relative to prior fiscal years and is our long term effort to provide the necessary funding for stewardship of NIH facilities, especially the NIH Clinical Center. NIH would utilize additional resources on Repair & Improvement projects to address a wide array of basic needs, including patient safety, fire protection, electrical distribution, central utilities, air handling units, exhaust fans, roofs, elevators, building automation, motor control centers and other BMAR-reducing activities. NIH currently has a Backlog of Maintenance and Repairs (BMAR) estimated at \$1.8 billion.

### **Decommissioning**

The requested funds will provide decommissioning demolition, and related design or construction management services typically associated with R&I projects.