NIST Budget Update

Dr. Christopher Szakal
Acting Director,
Program Coordination Office

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY
U.S. DEPARTMENT OF COMMERCE

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NIST Appropriations Process

Pre-Decisional

NIST

Commerce

OMB

President's Budget Request

Budget Resolution

Appropriation subcommittee markup

Senate Appropriation

Budget Resolution

Appropriation subcommittee markup

House Appropriation

Reconciliation

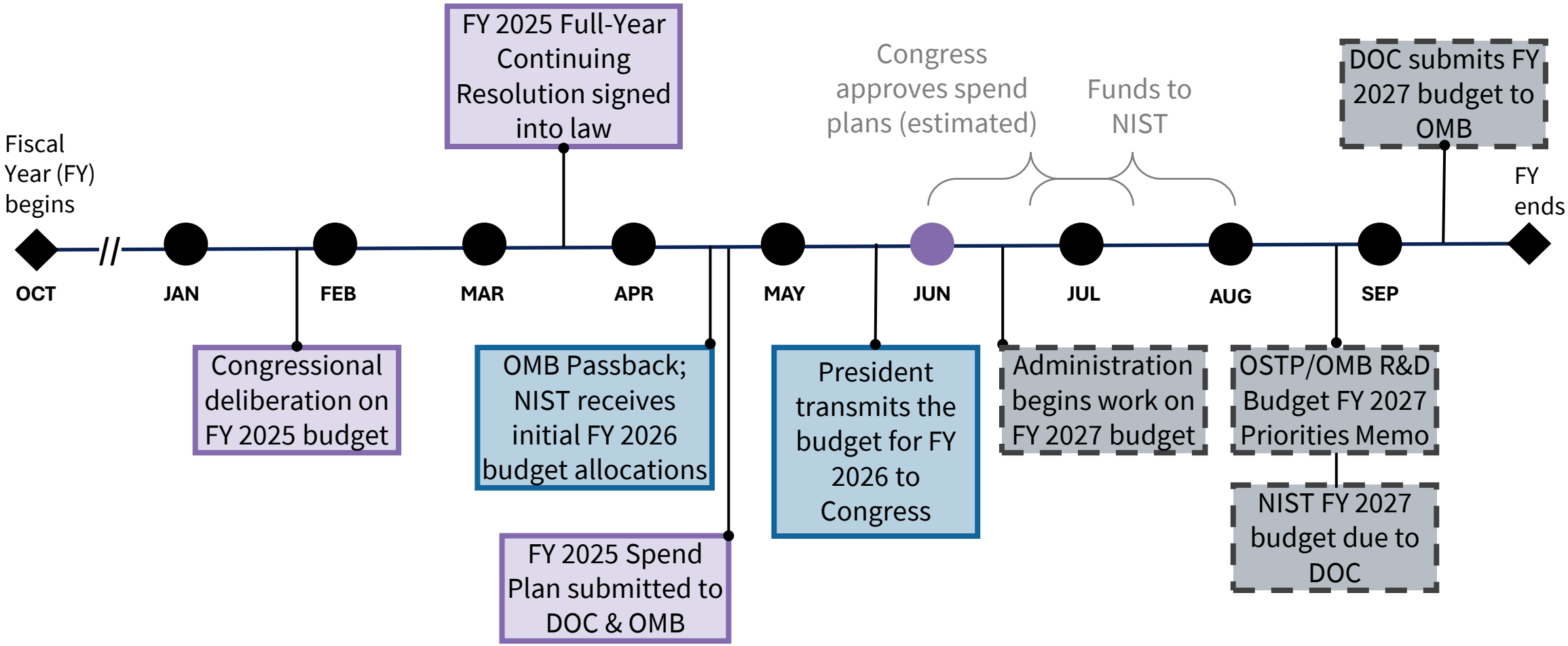
President signs appropriation

Spend Plans drafted, reviewed by DOC and OMB

Congress approves spend plans

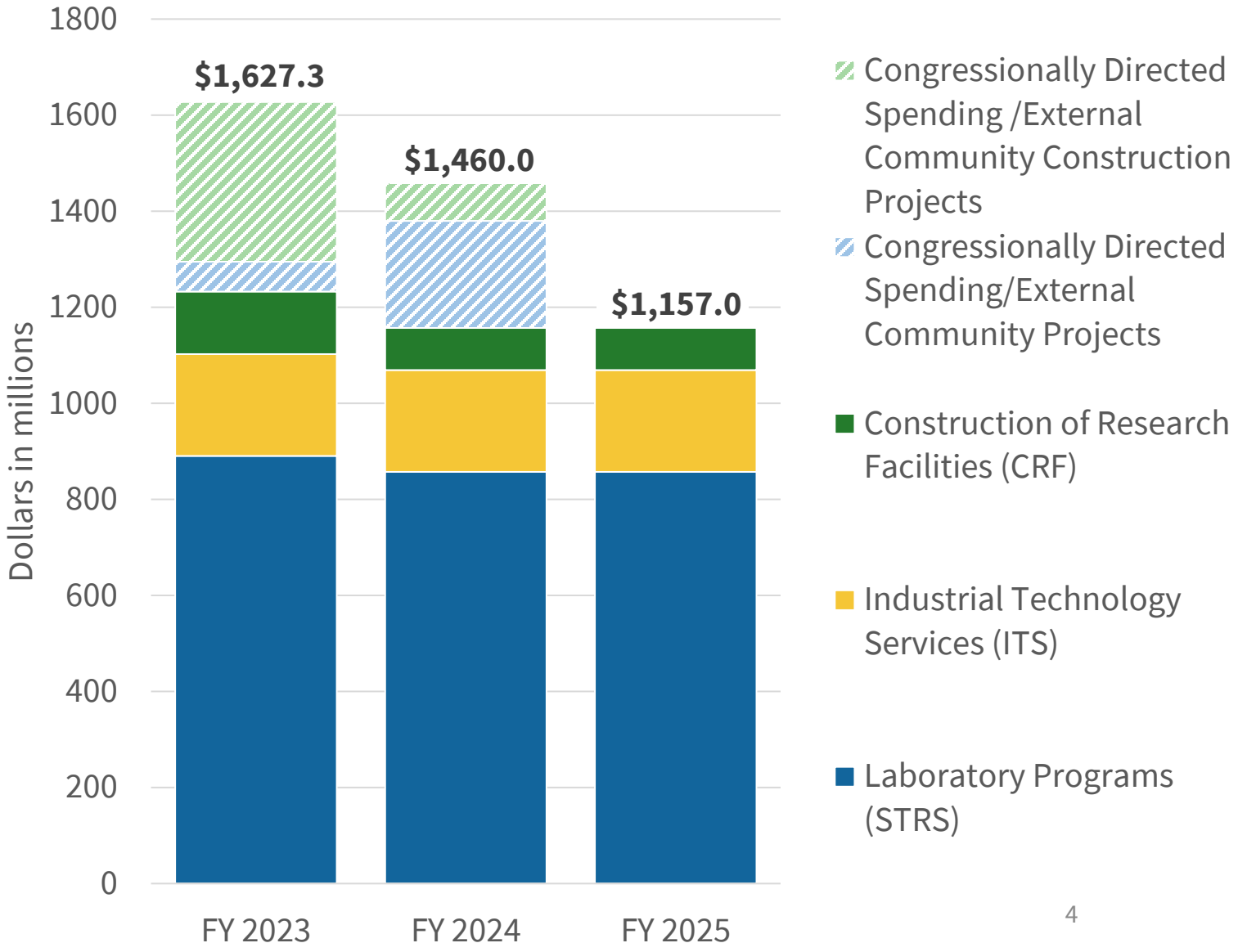
Funds to NIST

NIST Appropriations Process Timeline



FY 2025 Enacted Budget

- **STRS (Research & Development):**
  - **Flat** funding for NIST research program at **$857 M**
  - Plan to reprogram $18 M of the $857 M for AI and quantum
- **CRF (Construction & Maintenance):**
  - **Flat** funding for NIST facilities at **$88 M**
- **ITS (Extramural Programs):**
  - **Flat** funding for MFG USA at **$37 M** and MEP at **$175 M**
- **No Congressionally Directed Spending/Earmarks in the enacted full-year continuing resolution (CR)**

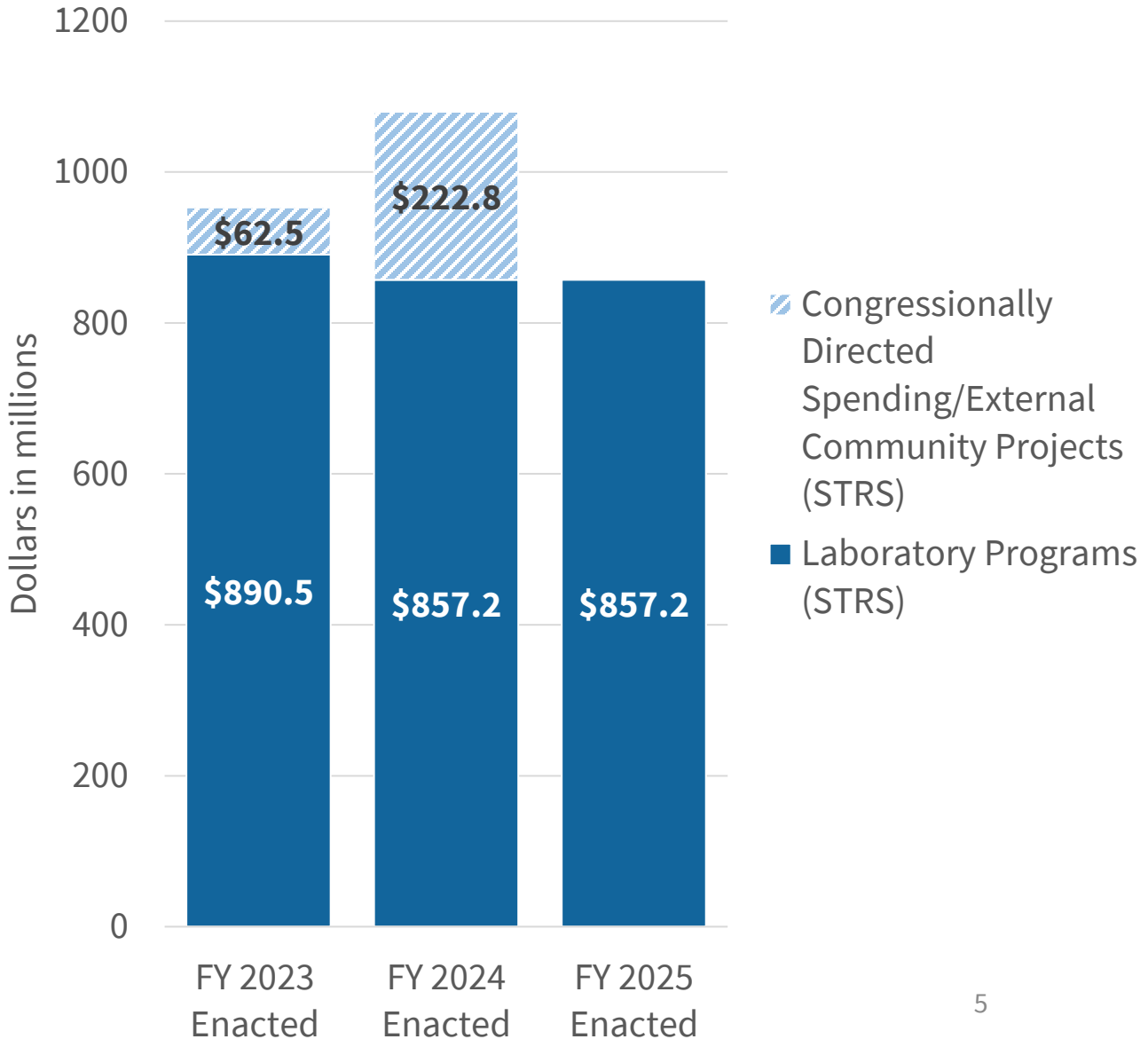


FY 2025 STRS: $857.2 M

The FY 2025 enacted bill provides the same level of funding as FY 2024 without external Community Projects (Earmarks).

In FY 2025 NIST will support:

- Critical and Emerging Technology Measurements and Standards
- Core Metrology and Measurement Services
- Exploratory Measurement Research and Development
- Advanced Manufacturing Research and Development
- Resilience and Fire Research
- NIST Center for Neutron Research



FY 2025: Artificial Intelligence (AI) (+$10.0 M)

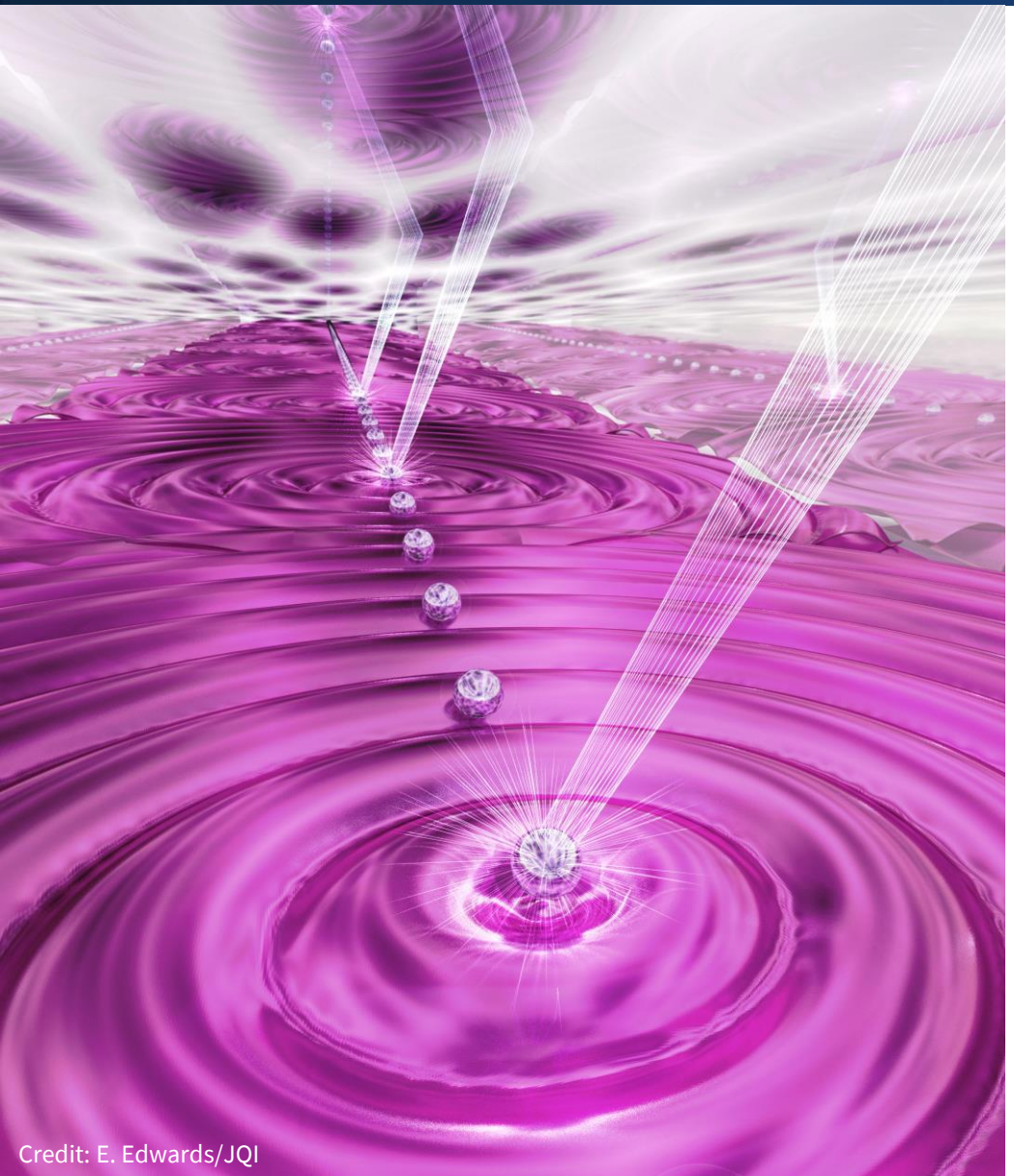
Image Credit: N. Hanacek/NIST

Plan to reprogram NIST base STRS funding for AI to $51 million in FY 2025.

In FY 2025 NIST will:

- Conduct AI research
- Develop testing, evaluation, verification, and validation (TEVV) methods
- Develop technical guidance and standards
- Implement best practices and frameworks
- Create unprecedented AI “gold standards”
- Achieve true, reliable, secure, and trustworthy AI

FY 2025: Quantum Information Science (+$8.0 M)


Credit: E. Edwards/JQI

Plan to reprogram NIST base STRS funding in quantum to $62 million in FY 2025.

In 2025 NIST will:

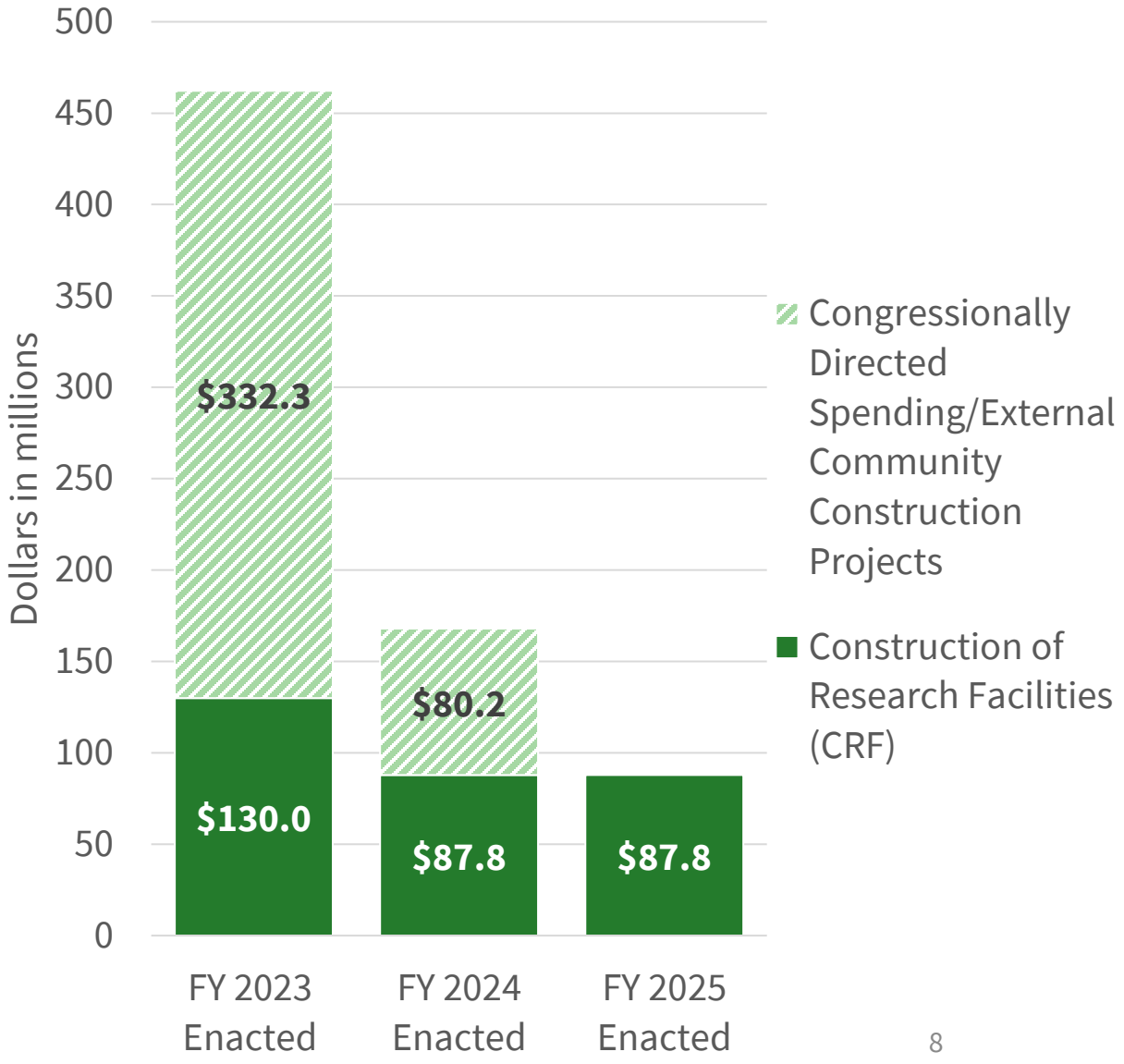
- Accelerate and expand R&D efforts that underpin continued innovation and competitiveness for the rapidly growing U.S. quantum industry – including associated domestic supply chains – while meeting novel security threats posed by quantum technologies:
  - Reduced size, weight, power, and cost of quantum sensors and components
  - Higher performance and scalability
  - Quantum sensor field development

FY 2025 CRF: $87.8 M

The FY 2025 enacted bill provides the same level of funding as FY 2024 without external Community Projects (Earmarks).

In FY 2025, NIST will direct CRF funding to address Safety, Capacity, Maintenance and Major Repairs (SCMMR), including:

- Replacement of all air handling units in Building 101
- Replacement of 3 air handler units in Building 226
- Replacement of all HEPA filters for the nanotechnology clean room and rebalancing of the facility's air system
- Temporary above-ground steam and condensate return system for the south end of the Gaithersburg campus
- Phase 1 of 3 for replacing emergency generators for the Central Utility Plant (CUP) on the Boulder campus

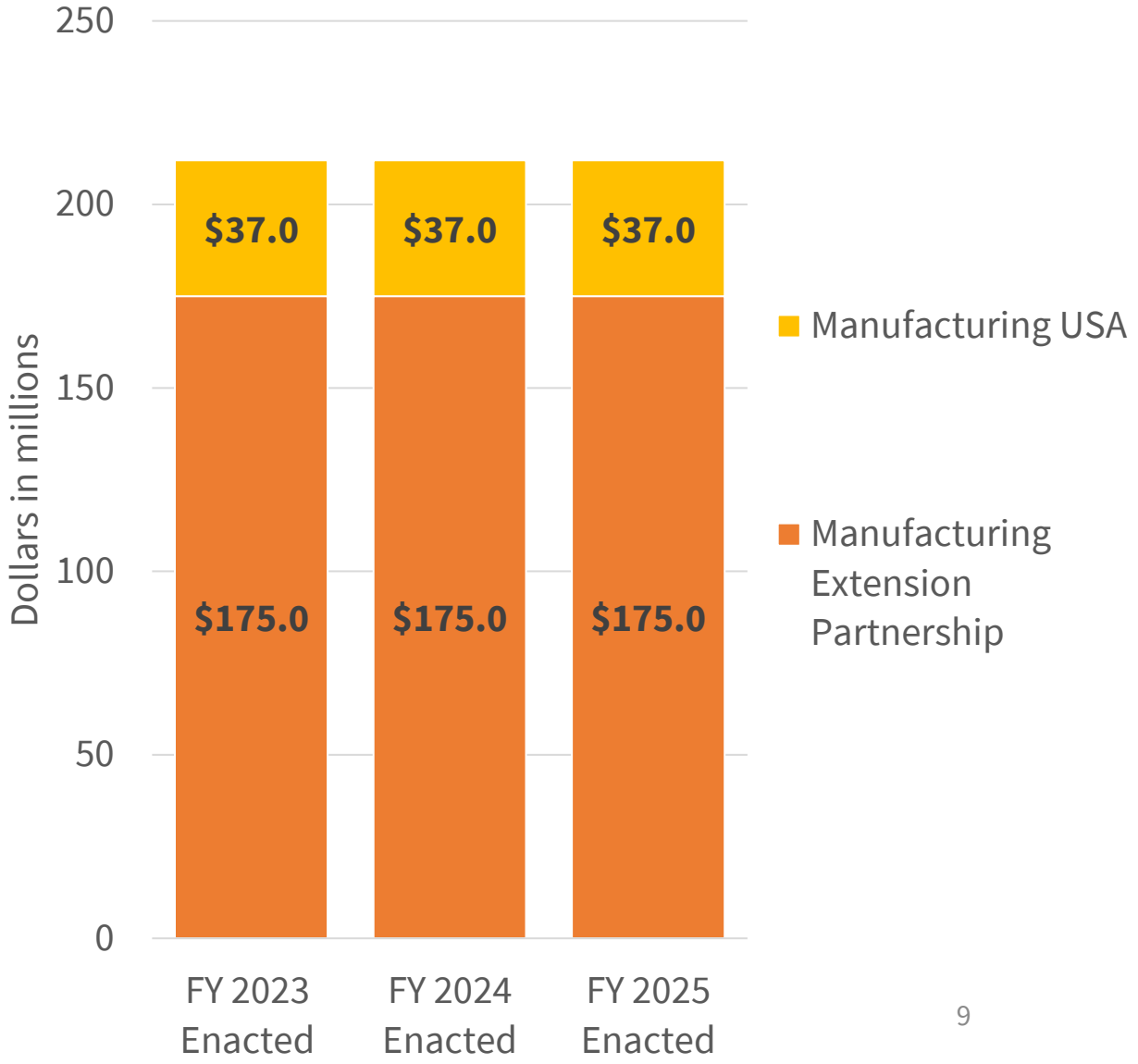


FY 2025 ITS: $212.0 M

The FY 2025 enacted bill provides the same level of funding as FY 2024.

In FY 2025, NIST will:

- Support two DOC-funded Manufacturing Institutes: National Institute for Innovation in Manufacturing Biopharmaceuticals (NIIMBL) & the AI for Resilient Manufacturing Institute, once announced
- Help U.S. manufacturers adopt manufacturing and emerging technologies and techniques, including those developed at NIST

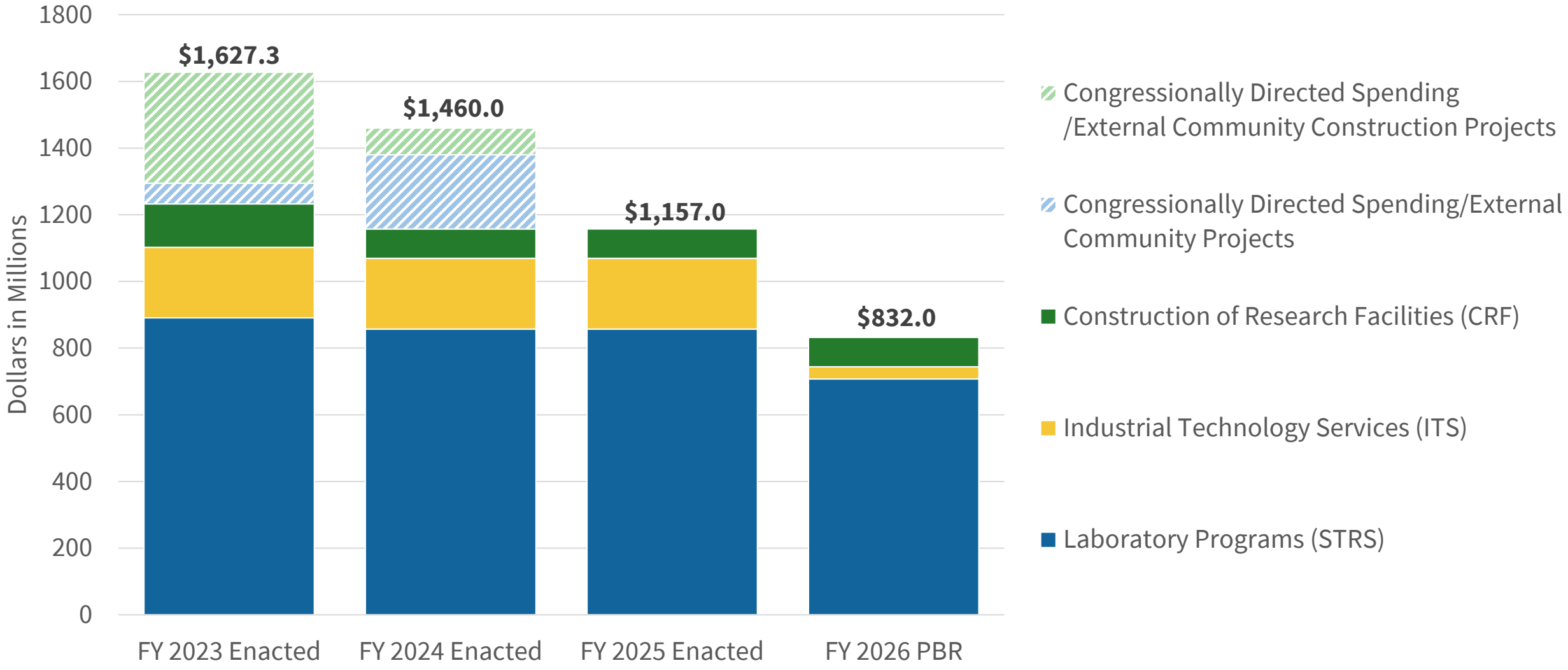


FY 2025 Staffing Changes

- As of May 2025, through voluntary separation programs including the Deferred Resignation Program (DRP), Voluntary Early Retirement Authority (VERA), and Voluntary Separation Incentive Payment (VSIP), along with reductions in probationary staff, NIST reduced staffing numbers by **420** employees.

- NIST is evaluating the impact of the staff reductions on its programs and mission as well as where to realize efficiencies.

2026 President's Budget Request (PBR)



FY 2027 Budget Planning Will Begin Soon

- Secretarial process (align request with DOC priorities)
- White House/Office of Management and Budget (OMB) process (align request with Administration priorities)
- Separate House and Senate markups
- Resolution