

EXPLANATION OF FY 2024 CARRYOVER INTO FY 2025 BY ACCOUNT

The National Science Foundation's total unobligated balance of \$755.97 million (\$565.96 million from Discretionary accounts, and \$190.01 million from Mandatory accounts) is described below.

**Discretionary and Mandatory Accounts:
Distribution of NSF FY 2024 Carryover into FY 2025**
(Dollars in Millions)

Discretionary Accounts:	
Polar-Research and Related Activities No Year	\$24.11
Emergency - Research and Related Activities No Year (P.L. 115-123)	7.98
Research and Related Activities	109.82
STEM Education	80.39
Major Research Equipment and Facilities Construction	180.83
Major Research Equipment and Facilities Construction Emergency Funding	161.54
Office of Inspector General	1.30
Total, Discretionary	\$565.96
Mandatory Accounts:	
Creating Helpful Incentives to Produce Semiconductors (CHIPS)	25.00
H-1B Non-Immigrant Petitioner	141.56
Donations	23.45
Total, Mandatory	\$190.01
TOTAL, NSF	\$755.97

Discretionary (Appropriated) Accounts

Polar - Research and Related No Year Activities (OPP)

Within the R&RA account, \$24.11 million was carried over into FY 2025.

OPP - Antarctic Operations Support

- Amount: \$13.88 million
- Purpose: Integration award for the Arctic Research Vessel (ARV).
- Obligation: Anticipated FY 2025 Quarter 3 and Quarter 4

The remaining \$10.23 million within the Polar-R&RA consists of funds for projects not funded in FY 2024.

Research and Related No Year Activities (P.L. 115-123)

Within the R&RA account, \$7.98 million is estimated for carryover into FY 2025.

R&RA Emergency Fund – DEFC C

- Amount: \$7.98 million

- Purpose: For possible redirection of Hurricane Supplemental funding to other projects that was returned due to the collapse of Arecibo Observatory; discussions are pending with congressional components.
- Obligation: TBD

Research and Related Activities (R&RA)

Within the R&RA account, \$109.82 million is estimated for carryover into FY 2025.

CISE - Office of Advanced Cyberinfrastructure

- Amount: \$6.47 million
- Purpose: For an Open Artificial Intelligence Testbed for Edge Computing and Intelligent Sensing.
- Obligation: Obligated FY 2025 Quarter 1

ENG - Emerging Frontiers and Multidisciplinary Activities (EFMA)

- Amount: \$7.42 million
- Purpose: Funding of Engineering Research Center (ERC) increments in Emerging Industries. The planned partnership with Intel in the area of PFAS in Semiconductors has been delayed.
- Obligation: Approximately \$355,000 remains to be obligated in FY 2025 Quarter 3

MPS - Astronomy

- Amount: \$3.0 million
- Purpose: For a supplemental award to DKIST to cover instrument development needed to complete commissioning.
- Obligation: Obligated FY 2025 Quarter 2

MPS-Astronomy

- Amount: \$2.50 million
- Purpose: For a proposed supplement to support development of the NOIRLab Program Platform (NPP), a suite of user-based IT services with integrated data management and science data.
- Obligation: Obligated FY 2025 Quarter 2

MPS-Chemistry

- Amount: \$4.0 million
- Purpose: For late-arriving proposals through an MOU with ANR related to sustainable chemistry and catalysis with earth-abundant elements (\$2.0 million) and for Chemical Structure and Dynamics awards (\$2.0 million).
- Obligation: Obligated FY 2025 Quarter 1 and Quarter 2

TIP - Translational Impact

- Amount: \$6.87 million
- Purpose: SBIR/STTR actions unable to be processed by fiscal year-end due to the late receipt of final allocation.
- Obligation: Obligated FY 2025 Quarter 3

Technical Information

TIP - Innovation & Technology Ecosystems

- Amount: \$9.83 million
- Purpose: Convergence accelerator regionalization awards and NSF Engines that were unable to be processed by fiscal year-end due to the late receipt of final allocation.
- Obligation: Obligated FY 2025 Quarter 2

TIP - Technology Frontiers

- Amount: \$39.75 million
- Purpose: Supporting several Emerging Technology projects that were unable to be processed by fiscal year-end due to the late receipt of final allocation.
- Obligation: \$5.10 million remains to be obligated in FY 2025 Quarter 4

IA – Integrative Activities

- Amount: \$12.50 million
- Purpose: Funds will support procurements and new award activities that were not ready for obligation in FY 2024.
- Obligation: Obligated FY 2025 Quarter 2 and Quarter 3

Compliance in Research program (funds held within IA but managed by OCR)

- Amount: \$2.11 million
- Purpose: For award activities that were not ready for obligation in FY 2024.
- Obligation: Obligated FY 2025 Quarter 3

Research Investment Communications (funds held within IA but managed by OLPA)

- Amount: \$1.73 million
- Purpose: For NSF multimedia awards to support communications contracts that enable NSF to engage with stakeholders including Congress, elected officials, national and international institutions, and general public.
- Obligation: Obligated FY 2025 Quarter 3

Research Security Strategy and Policy (funds held within IA but managed by CRSP)

- Amount: \$2.33 million
- Purpose: For activities to support the U.S. research community to identify and characterize attributes that distinguish research security from research integrity; to improve the understanding of the scale and scope of research security risks; and to develop methodologies to assess the potential impact of research security threats.
- Obligation: Anticipated FY 2025 Quarter 4

The remaining \$11.31 million within discretionary R&RA consists of cumulative funds from throughout the Foundation carried over for unspecified projects. These balances are planned for obligation in FY 2025 consistent with the approved FY 2024 Current Plan.

STEM Education (EDU)

Within the EDU account, \$80.39 million was carried over into FY 2025.

Undergraduate Education (DUE)

- Amount: \$39.97 million

- Purpose: For awards in DUE programs to include the National STEM Teacher Corps program that were delayed in starting.
- Obligation: \$33.14 million remains to be obligated in FY 2025 Quarter 4

Division of Equity for Excellence in Stem (EES)

- Amount: \$29.11 million
- Purpose: For awards delayed due to late solicitations.
- Obligation: \$14.07 million remains to be obligated in FY 2025 Quarter 4

Division of Research on Learning (DRL)

- Amount: \$1.62 million
- Purpose: To support programs where solicitation deadlines were too late in the fiscal year to process awards.
- Obligation: Anticipated FY 2025 Quarter 4

Robert Noyce Teacher Scholarship Program (Noyce) - no year funds

- Amount: \$9.69 million
- Purpose: To fund teacher preparation and/or support Noyce fellows.
- Obligation: Anticipated FY 2025 Quarter 3 and Quarter 4

Major Research Equipment and Facilities Construction (MREFC)

Within the MREFC account, \$180.83 million was carried over into FY 2025.

Vera C. Rubin Observatory (Rubin)

- Amount: \$13.78 million
- Purpose: For final obligations to Rubin Observatory
- Obligation: \$7.50 million obligated FY 2025 Quarter 2; anticipate remainder FY 2025 Quarter 4.

Regional Class Research Vessel (RCRV)

- Amount: \$8.53 million, including \$1.55 million from Hurricane Ida supplemental funding (P.L. 117-43)
- Purpose: For final obligations to RCRV.
- Obligation: NSF-held management reserve obligated based on need.

Antarctic Infrastructure Modernization for Science (AIMS)

- Amount: \$126.34 million
- Purpose: For completion of AIMS Lodging facility; re-programming to AIR for currently unfunded components of AIMS to be completed on future contract.
- Obligation: \$12.0 million obligated FY 2025 Quarter 2; anticipate \$10.0 million FY 2025 Quarter 4.

Antarctic Infrastructure Recapitalization (AIR)

- Amount: \$1.0 million
- Purpose: For obligations, which are proceeding as anticipated
- Obligation: Obligated FY 2025 Quarter 3

Technical Information

High Luminosity-Large Hadron Collider Upgrade (HL-LHC)

- Amount: \$23.03 million
- Purpose: For continuation of the HL-LHC projects (CMS & ATLAS)
- Obligation: \$10 million obligated FY 2025 Quarter 2; anticipate remainder FY 2025 Quarter 4

Research Infrastructure Office (Advanced Oversight)

- Amount: \$220,000
- Purpose: For Advanced Oversight
- Obligation: Anticipate obligation in FY 2025 Quarter 3

The remaining \$7.93 million within the discretionary MREFC account consists of funds from throughout the Foundation for projects not funded in FY 2024.

Major Research Equipment and Facilities Construction (MREFC) Disaster Funding

Within the MREFC account, \$161.54 million was carried over into FY 2025.

Vera C. Rubin Observatory (Rubin)

- Amount: \$7.61 million
- Purpose: For final obligations to Rubin Observatory
- Obligation: Obligated FY2025 Quarter 2

Leadership Class Computing Facility

- Amount: \$140,000
- Purpose: For continuation of LCCF
- Obligation: Obligated FY 2025 Quarter 3

Mid-scale Research Infrastructure Track 2 (Mid-scale RI-2)

- Amount: \$57.07 million
- Purpose: For obligations, which are proceeding as anticipated. This portfolio has out-year mortgages on current awards.
- Obligation: \$7.50 million obligated FY 2025 Quarter 1 and Quarter 2; anticipate additional obligations FY 2025 Quarter 4.

Antarctic Infrastructure Recapitalization (AIR)

- Amount: \$58.22 million
- Purpose: For the Antarctic Infrastructure Recapitalization (AIR) Program
- Obligation: \$4.50 million obligated FY 2025 Quarter 1; anticipate \$19.0 million FY 2025 Quarter 3 and \$10.0 million FY 2025 Quarter 4.

High Luminosity-Large Hadron Collider Upgrade (HL-LHC)

- Amount: \$38.0 million
- Purpose: For continuation of the HL-LHC projects (CMS & ATLAS)
- Obligation: Anticipate obligation in FY 2025 Quarter 4

Research Infrastructure Office (Advanced Oversight)

- Amount: \$500,000
- Purpose: For Advanced Oversight

- Obligation: Obligated FY 2025 Quarter 1

Office of Inspector General (OIG)

Within the OIG two-year account, \$1.30 million was carried over into FY 2025.

- Amount: \$1.30 million
- Purpose: To procure financial and performance audit services.
- Obligation: Anticipate obligation in FY 2025 Quarter 3

Mandatory Accounts

Creating Helpful Incentives to Produce Semiconductors (CHIPS) for America Workforce and Education Fund

Within the CHIPS and Science Act P.L. 117-167, Chips for America Workforce and Education Fund, \$25.0 million was carried over into FY 2025.

EDU - Undergraduate Education

- Amount: \$12.50 million
- Purpose: National Network Microelectronics award
- Obligation: Obligated FY 2025 Quarter 2

RRA - TIP - Technology Frontiers (TF)

- Amount: \$12.50 million
- Purpose: National Network Microelectronics award
- Obligation: Obligated FY 2025 Quarter 2

H-1B Non-Immigrant Petitioner

Within the H-1B account, \$141.56 million was carried over into FY 2025.

Innovation Technology Experiences for Students (ITEST)

- Amount: \$83.39 million
- Purpose: NSF receives the largest payments of H-1B visa fees in August and September, leaving insufficient time to obligate the receipts on awards before the end of the fiscal year.
- Obligation: Obligated FY 2025 Quarters 1-2

Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)

- Amount: \$58.17 million
- Purpose: NSF receives the largest payments of H-1B visa fees in August and September, leaving insufficient time to obligate the receipts on awards before the end of the fiscal year.
- Obligation: Obligated FY 2025 Quarters 1-2

Donations

Within the Donations account, \$23.45 million was carried over into FY 2025. Donations are received from organizations and individuals to fund various cooperative efforts in science, research, and education.