

Summary Tables

**NATIONAL SCIENCE FOUNDATION
RESEARCH INFRASTRUCTURE SUMMARY**

(Dollars in Millions)

	FY 2022 Actual	FY 2023 Estimate Base	Disaster Relief Supplemental		FY 2023 Estimate Total	FY 2024 Request	Change over FY 2023 Base Total ¹	
			Base	RI Damage Mitigation			Amount	Percent
Operations and Maintenance of Major Facilities²	\$985.95	\$958.51	\$44.23	\$2.50	\$1,005.24	\$1,069.80	\$67.06	6.7%
Major Research Facilities Construction Investments	\$94.22	\$122.41	-	-	\$122.41	\$213.72	\$91.31	74.6%
Construction, Acquisition, and Commissioning (MREFC) ³	83.28	109.98	-	-	109.98	198.61	88.63	80.6%
Design Stage Activities ⁴	10.94	12.43	-	-	12.43	15.11	2.68	21.6%
Mid-scale Research Infrastructure⁵	\$149.72	\$144.97	\$23.76	-	\$168.73	\$238.96	\$70.23	41.6%
MREFC Mid-scale Research Infrastructure (MREFC Account)	36.67	76.25	-	-	76.25	105.06	28.81	37.8%
NSF-wide Mid-scale Research Infrastructure (R&RA)	40.00	40.00	15.00	-	55.00	50.00	-5.00	-9.1%
Directorate Midscale Research Infrastructure Programs	73.05	28.72	8.76	-	37.48	83.90	46.42	123.9%
Major Research Instrumentation (MRI)	\$78.21	\$63.75	\$20.00	-	\$83.75	\$92.75	\$9.00	10.7%
Polar Logistical and Infrastructure Support⁶	\$153.52	\$177.20	-	-	\$177.20	\$186.64	\$9.44	5.3%
CISE Networking & Computational Resources Infrastructure & Services (NCRIS)⁷	\$131.05	\$129.80	\$22.00	-	\$151.80	\$171.80	\$20.00	13.2%
Research Resources⁸	\$255.24	\$198.19	\$39.60	-	\$237.79	\$272.87	\$35.08	14.8%
Other Research Infrastructure	\$108.45	\$95.52	\$28.69	-	\$124.21	\$143.39	\$19.18	15.4%
Subtotal, Research Infrastructure Support	\$1,956.36	\$1,890.35	\$178.28	\$2.50	\$2,071.13	\$2,389.93	\$321.30	15.5%
Research Infrastructure Stewardship Offset	-1.74	-1.72	-	-	-1.72	-2.61	-0.89	51.7%
RESEARCH INFRASTRUCTURE TOTAL	\$1,954.62	\$1,888.63	\$178.28	\$2.50	\$2,069.41	\$2,387.32	\$320.41	15.5%

¹ Captures both the FY 2023 Omnibus appropriation and the Disaster Relief Supplemental base.

² For facility level detail on operations and maintenance, see the Major Facilities Overview within the NSF-wide Investments chapter.

³ Construction, Acquisition, and Commissioning are for implementation support provided through the MREFC account. MREFC funding is included for the Antarctic Infrastructure Recapitalization program, Vera C. Rubin Observatory, the High Luminosity-Large Hadron Collider Upgrade, Leadership-Class Computing Facility, Regional Class Research Vessels, and Mid-scale Research Infrastructure (shown on the MREFC Mid-scale RI line below). For more information, refer to the NSF-Wide investment/Research Infrastructure chapter.

⁴ Design Stage Activities include support for potential next generation multi-user facilities. This line reflects \$3.50 million in FY 2022 for the Leadership Class Computing Facility and \$7.44 million, \$12.43 million, and \$15.11 million in FY 2022, FY 2023, and FY 2024, respectively for the Antarctic Research Vessel (ARV)

⁵ NSF-wide Mid-scale Research Infrastructure is provided through both the R&RA account (total project cost is less than \$20.0 million) and the MREFC account (total project cost is greater than \$20.0 million).

⁶ Polar Logistical and Infrastructure Support includes funding for Arctic Logistics; U.S. Antarctic Logistical Support Activities (USALS); and Polar Environment, Health, and Safety (PEHS).

⁷ FY 2022 funding for Networking and Computational Resources Infrastructure and Services (NCRIS) excludes support for the potential Leadership Class Computing Facility, which is captured under Design Stage Activities above.

⁸ Funding for Research Resources includes support for the operation and maintenance of minor facilities, infrastructure and instrumentation, field stations, museum collections, etc.