

Summary Tables

**National Science Foundation
Research Infrastructure Summary
FY 2015 Request to Congress**

(Dollars in Millions)

	FY 2013 Actual	FY 2014 Estimate	FY 2015 Request	FY 2015 Request change over:			
				FY 2013 Actual		FY 2014 Estimate	
				Amount	Percent	Amount	Percent
Facilities	\$901.51	\$962.68	\$982.15	\$80.64	8.9%	\$19.47	2.0%
Academic Research Fleet	84.14	84.00	87.00	2.86	3.4%	3.00	3.6%
<i>ARF-Academic Research Fleet, Ship Ops & Upgrades</i>	<i>81.40</i>	<i>83.00</i>	<i>85.00</i>	<i>3.60</i>	<i>4.4%</i>	<i>2.00</i>	<i>2.4%</i>
<i>ARF-Regional Class Research Vessels (RCRV)¹</i>	<i>2.74</i>	<i>1.00</i>	<i>2.00</i>	<i>-0.74</i>	<i>27.1%</i>	<i>1.00</i>	<i>100.0%</i>
Arecibo Observatory	8.30	8.00	8.00	-0.30	3.6%	-	-
AST Portfolio Review Implementation	-	5.00	7.00	7.00	N/A	2.00	40.0%
Cornell High Energy Synchrotron Source (CHESS)	20.00	20.00	20.00	-	-	-	-
Gemini Observatory	18.15	19.59	20.61	2.46	13.5%	1.02	5.2%
Geodetic Facilities for the Advancement of Geoscience and EarthScope (GAGE)	9.28	11.58	11.58	2.30	24.8%	-	-
IceCube Neutrino Observatory (IceCube)	6.90	6.90	6.90	-	-	-	-
International Ocean Discovery Program (IODP)	47.70	50.00	48.00	0.30	0.6%	-2.00	4.0%
Large Hadron Collider (LHC)	18.00	17.37	18.00	-	-	0.63	3.6%
Laser-Interferometer Gravity-wave Observatory (LIGO)	30.50	36.43	39.43	8.93	29.3%	3.00	8.2%
National High-Magnetic Field Laboratory (NHMFL)	31.62	32.63	33.67	2.05	6.5%	1.04	3.2%
National Nanotechnology Infrastructure Network (NNIN)	16.08	15.46	15.46	-0.61	3.8%	-	-
National Solar Observatory (NSO) ²	8.00	8.00	8.00	-	-	-	-
National Superconducting Cyclotron Laboratory (NSCL)(MSU Cyclotron)	21.50	22.50	22.50	1.00	4.7%	-	-
Network for Earthquake Engineering Simulation (NEES)	21.82	20.00	12.00	-9.82	45.0%	-8.00	40.0%
Other Facilities ³	2.66	2.66	2.66	0.00	0.2%	-	-
Polar Facilities and Logistics	288.51	295.91	296.23	7.72	2.7%	0.32	0.1%
Seismological Facilities for Advancement of Geoscience & EarthScope (SAGE)	24.35	24.35	24.35	0.00	0.0%	-	-
Other Facilities Investments	-	-	-	-	N/A	-	N/A
Major Research Equipment and Facilities Construction ⁴	235.29	275.80	300.76	65.47	27.8%	24.96	9.1%
Facilities Pre-Construction Planning ⁵	8.71	6.50	-	-8.71	100.0%	-6.50	100.0%
Federally Funded R&D Centers	\$198.15	\$203.00	\$208.61	\$10.47	5.3%	\$5.61	2.8%
National Center for Atmospheric Research (NCAR)	95.75	95.20	98.20	2.46	2.6%	3.00	3.2%
National Optical Astronomy Observatories (NOAO)	25.50	25.50	25.50	-	-	-	-
National Radio Astronomy Observatories (NRAO) ⁶	73.92	77.41	80.17	6.25	8.5%	2.76	3.6%
Science & Technology Policy Institute (STPI)	2.98	4.89	4.74	1.76	59.1%	-0.15	3.1%
Other Research Instrumentation and Infrastructure	\$434.57	\$482.05	\$484.30	\$49.73	11.4%	\$2.25	0.5%
Major Research Instrumentation (MRI)	78.92	90.00	75.00	-3.92	5.0%	-15.00	16.7%
National Center for Science & Engineering Statistics (NCSES)	29.60	33.58	45.17	15.58	52.6%	11.59	34.5%
NCSES Science of Science and Innovation Policy (SciSIP) Activities	4.95	4.95	4.95	-	-	-	-
Networking and Computational Resources Infrastructure and Services	105.53	110.30	112.30	6.77	6.4%	2.00	1.8%
Polar Environment, Health, and Safety (PEHS)	6.22	6.65	6.24	0.02	0.3%	-0.41	6.2%
Research Resources ⁷	209.36	234.82	238.89	29.54	14.1%	4.07	1.7%
Research Resources – Public Access Initiative	-	1.75	1.75	1.75	N/A	-	-
RESEARCH INFRASTRUCTURE TOTAL	\$1,534.23	\$1,647.73	\$1,675.06	\$140.83	9.2%	\$27.33	1.7%

¹ Regional Class Research Vessels are a Pre-construction Planning project for potential MREFC funding. This funding is shown here (Academic Research Fleet) and is not included under Pre-construction Planning.

² The total presented in FY 2015 does not include \$5.0 million for operations and maintenance support for the DKIST facility construction project. That funding is captured within the total presented on the MREFC line.

³ Other Facilities includes support for other materials research facilities.

⁴ Funding levels for MREFC Projects in this table include support for: a) concept and development associated with ongoing and requested MREFC projects provided through the R&RA account; b) initial support for operations and maintenance provided through the R&RA account (except for ALMA, which is included in the funding for NRAO); and c) implementation support provided through the MREFC account.

⁵ Pre-construction planning includes funding for potential next generation multi-user facilities. Not included in this line are Regional Class Research Vessels, shown here under the Academic Research Fleet.

⁶ Funding for the National Radio Astronomy Observatory (NRAO) includes operation and maintenance support for the Atacama Large Millimeter Array (ALMA).

⁷ Funding for Research Resources includes support for the operation and maintenance of minor facilities, infrastructure and instrumentation, field stations, museum collections, etc.