

**RESEARCH AND RELATED ACTIVITIES (R&RA)****\$6,212,290,000**  
**+\$493,290,000 / 8.6%**

The FY 2014 Budget Request for the Research and Related Activities (R&RA) Appropriation is \$6,212.29 million, an increase of \$523.29 million, or 9.2 percent, above the FY 2012 Enacted level of \$5,689.00 million. Support from the R&RA Appropriation enables U.S. leadership and progress across the frontiers of scientific and engineering research and education.

In FY 2014 NSF will sustain targeted investments in fundamental science and engineering to continue fostering advances in discovery and learning that spurs innovation. Such transformational work holds great promise for meeting the myriad social, economic, and environmental challenges faced by both the Nation and the world.

In FY 2014, funding within the broad and flexible R&RA portfolio of foundational research includes strong support for cross-cutting research priorities such as advanced manufacturing, clean energy and sustainability, break-through materials, robotics, cyberinfrastructure, and cybersecurity. It also includes robust support to prepare young scientists and engineers for the high-tech jobs of the future.

**R&RA Funding**  
(Dollars in Millions)

	FY 2012		FY 2014 Request	Change over FY 2012 Enacted	
	FY 2012 Actual	Enacted/ Annualized FY 2013 CR <sup>1</sup>		Amount	Percent
Biological Sciences	\$712.28	\$712.38	\$760.58	\$48.20	6.8%
Computer & Information Science & Engineering	937.16	865.23	950.25	85.02	9.8%
Engineering	824.55	826.17	911.12	84.95	10.3%
Geosciences	1,321.37	1,321.14	1,393.86	72.72	5.5%
Mathematical & Physical Sciences	1,308.70	1,308.94	1,386.12	77.18	5.9%
Social, Behavioral & Economic Sciences	254.19	254.25	272.35	18.10	7.1%
International and Integrative Activities	398.60	399.44	536.62	137.18	34.3%
U.S. Arctic Research Commission	1.45	1.45	1.40	-0.05	-3.8%
<b>Subtotal, R&amp;RA</b>	<b>5,758.30</b>	<b>5,689.00</b>	<b>6,212.29</b>	<b>523.29</b>	<b>9.2%</b>
FY 2013 CR Adjustment <sup>2</sup>		65.00			
<b>Total, R&amp;RA</b>	<b>\$5,758.30</b>	<b>\$5,754.00</b>	<b>\$6,212.29</b>	<b>\$493.29</b>	<b>8.6%</b>

Totals may not add due to rounding.

<sup>1</sup> A full-year 2013 appropriation was not enacted at the time the budget was prepared. Therefore this account was operating under a continuing resolution (P.L. 112-175). The amounts shown for FY 2013 are placeholders and reflect an annualization of P.L. 112-175 at the account level.

<sup>2</sup> This budget line is included to adjust for two items specific to the FY 2013 continuing resolution: first is \$35.0 million for the 0.612 percent increase provided by the continuing resolution; second is an adjustment for the \$30.0 million transfer executed in FY 2012 from the Research and Related Activities account to the Major Research Equipment and Facility Construction account that is not included in the FY 2013 continuing resolution calculation.

**Appropriations Language**

For necessary expenses in carrying out the National Science Foundation Act of 1950, as amended (42 U.S.C. 1861-1875), and the Act to establish a National Medal of Science (42 U.S.C. 1880-1881); services as authorized by 5 U.S.C. 3109; maintenance and operation of aircraft and purchase of flight services for research support; acquisition of aircraft; and authorized travel; ~~\$5,983,280,000~~, \$6,212,290,000, to remain available until September 30, ~~2014~~, 2015, of which not to exceed ~~\$500,000,000~~ \$520,000,000 shall remain available until expended for polar research and operations support, and for reimbursement to other Federal agencies for operational and science support and logistical and other related activities for the United States Antarctic program: *Provided*, That receipts for scientific support services and materials furnished by the National Research Centers and other National Science Foundation supported research facilities may be credited to this appropriation.

**Research and Related Activities  
FY 2014 Summary Statement  
(Dollars in Millions)**

	Enacted/ Request	Carryover/ Recoveries	Adjustments		Total Resources	Obligations/ Estimates
			to Prior Year Accounts	Transfers <sup>1,2</sup>		
FY 2012 Appropriation	\$5,719.00	\$2.38	\$85.30	-\$30.00	\$5,776.68	\$5,758.30
FY 2012 Enacted/Annualized FY 2013 CR <sup>3,4</sup>	5,754.00	14.81		-	5,768.81	5,768.81
FY 2014 Request	6,212.29	-		5.00	6,217.29	6,217.29
<b>\$ Change from FY 2012 Enacted</b>						<b>\$493.29</b>
<b>% Change from FY 2012 Enacted</b>						<b>8.6%</b>

Totals may not add due to rounding.

<sup>1</sup>\$30.0 million was transferred from the Research and Related Activities (R&RA) appropriation under the transfer authority provided by the Science Appropriations Act, 2012 (P.L. 112-55).

<sup>2</sup>In FY 2014, the Administration proposes to transfer \$5.0 million from the Department of Justice to the National Science Foundation for a forensic science grant program to establish forensic science research centers.

<sup>3</sup>This line includes an adjustment for two items specific to the FY 2013 continuing resolution: first is \$35.0 million for the 0.612 percent increase provided by the continuing resolution; second is an adjustment for the \$30.0 million transfer executed in FY 2012 from the Research and Related Activities account to the Major Research Equipment and Facility Construction account that is not included in the FY 2013 continuing resolution calculation.

<sup>4</sup>R&RA carryover is \$14.81 million; Reimbursable carryover (not shown) is \$3.57 million for a total of \$18.38 million.

**Explanation of Carryover**

Within the **Research and Related Activities (R&RA)** account, NSF carried over \$14.81 million into FY 2013. Obligation of these funds is expected by the end of the third quarter of FY 2013.

- Office of Polar Programs (OPP): OPP carried over \$6.04 million of no-year funds that were recovered from several awards and contracts from prior years.
- Directorate for Engineering (ENG): ENG carried over \$6.0 million of Small Business Innovation Research and Small Business Technology Transfer (SBIR/STTR) FY 2012 funds into FY 2013.

- Office of Integrative Activities (OIA): OIA carried over \$890,000 in the Science and Technology Centers (STCs) line to support the STC Summary Panel and the five strategic planning workshops related to the new STC centers cohort in FY 2013.
- National Coordination Office/Networking and Information Technology Research and Development (NCO/NITRD): NCO/NITRD carried over \$120,000 of operational funds to continue government procurements and operations.
- The remaining \$1.76 million was recovered from several awards and contracts from various programs throughout NSF that were not ready for obligation in FY 2012.

