

SUMMARY TABLES

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**National Science Foundation
Summary Table
FY 2014 Request to Congress**

(Dollars in Millions)

NSF by Account	FY 2012 Actual	FY 2012 ¹ Enacted/ Annualized FY 2013 CR	FY 2014 Request	FY 2014 Request over:			
				FY 2012 Actual		FY 2012 Enacted	
				Amount	Percent	Amount	Percent
BIO	\$712.28	\$712.38	\$760.58	\$48.30	6.8%	\$48.20	6.8%
CISE ²	937.16	865.23	950.25	13.09	1.4%	85.02	9.8%
ENG	824.55	826.17	911.12	86.57	10.5%	84.95	10.3%
<i>Eng Programs</i>	677.69	673.41	733.97	56.28	8.3%	60.56	9.0%
<i>SBIR/STTR</i>	146.86	152.76	177.15	30.29	20.6%	24.39	16.0%
GEO ²	1,321.37	1,321.14	1,393.86	72.49	5.5%	72.72	5.5%
MPS	1,308.70	1,308.94	1,386.12	77.42	5.9%	77.18	5.9%
SBE	254.19	254.25	272.35	18.16	7.1%	18.10	7.1%
IIA ²	398.60	399.44	536.62	138.02	34.6%	137.18	34.3%
US ARCTIC RESEARCH COMMISSION	1.45	1.45	1.40	-0.05	-3.8%	-0.05	-3.8%
Research & Related Activities	\$5,758.30	\$5,689.00	\$6,212.29	\$453.99	7.9%	\$523.29	9.2%
Education & Human Resources	\$830.54	\$829.00	\$880.29	\$49.75	6.0%	\$51.29	6.2%
Major Research Equipment & Facilities Construction	\$198.08	\$197.06	\$210.12	\$12.04	6.1%	\$13.07	6.6%
Agency Operations & Award Management	\$299.30	\$299.40	\$304.29	\$4.99	1.7%	\$4.89	1.6%
National Science Board	\$4.37	\$4.44	\$4.47	\$0.10	2.3%	\$0.03	0.7%
Office of Inspector General	\$14.12	\$14.20	\$14.32	\$0.20	1.4%	\$0.12	0.8%
OIG FY 2012 ARRA Actual Obligations	\$0.70						
FY 2013 Adjustment ³		\$43.04					
Total, NSF	\$7,105.41	\$7,076.14	\$7,625.78	\$520.37	7.3%	\$592.69	8.4%

Totals may not add due to rounding.

¹ A full-year 2013 appropriation was not enacted at the time the budget was prepared. Therefore, these accounts were operating under a continuing resolution (P.L. 112-175). The amounts shown for FY 2013 are placeholders based on the FY 2012 Current Plan. The Annualization of P.L. 112-175 is reflected in the FY 2013 Adjustment row.

² In FY 2013, a realignment of offices previously under the Office of the Director was implemented: the Office of Cyberinfrastructure (OCI) is now the Advanced Cyberinfrastructure (ACI) division in the Directorate for Computer and Information Science and Engineering (CISE); the Office of Polar Programs (OPP) is now the Division of Polar Programs (PLR) in the Directorate for Geosciences (GEO); and the Office of International Science and Engineering (OISE) has been merged with Integrative Activities (IA) to form International and Integrative Activities (IIA).

³ This budget line is included to adjust for the 0.612 percent increase provided by the FY 2013 continuing resolution (P.L. 112-175). By account, the amounts are: R&RA - \$34,816,680; EHR - \$5,073,480; MREFC - \$1,205,977; AOAM - \$1,832,328; NSB - \$27,173; and OIG - \$86,904.

NSF Funding Profile

The Funding Profile presents a high level, agency-wide estimate of proposal pressure, funding rates (or proposal "success"), and award statistics. These indicators are useful in gauging the relative efficacy of different funding levels.

Statistics for Competitive Awards: Competitive awards encompass the universe of NSF new activity in a given year. Examples include research grants, cooperative agreements, equipment, fellowships, and conferences. The Number of Proposals is based on several factors, including past actual activity, planned competitions, and research trends within the various disciplinary communities. External factors, such as the state of the national economy and other sources of funding, also play a part. The Number of Awards is also based on several factors, including estimated funding and expected proposal pool. The Funding Rate is the number of competitive awards made during a year as a percentage of total proposals competitively reviewed. This indicates the probability of receiving an award when submitting proposals to NSF.

Statistics for Research Grants: Research Grants are a sub-set of competitive awards. The Number of Proposals is based on several factors, including past actual activity, planned competitions, and research trends within the various disciplinary communities. External factors, such as the state of the national economy and other sources of funding, also play a part. The Number of Awards is also based on several factors, including estimated funding and expected proposal pool. Research Grants are grants limited to research projects and exclude other categories of awards such as those for cooperative agreements, equipment, fellowships, and conferences. Annualized Award Size shows the annual level of research grants provided to awardees by dividing the total dollars of each award by the number of years over which it extends. Both the average and the median annualized award size for competitively reviewed awards are shown. Average Duration is the length of awards in years.

NSF Funding Profile

	FY 2012 Actual Estimate	FY 2012 Enacted/ Annualized FY 2013 CR Estimate ¹	FY 2014 Estimate
Statistics for Competitive Awards			
Number of Proposals	48,600	55,100	53,200
Number of Awards	11,500	11,700	12,600
Funding Rate	24%	21%	24%
Statistics for Research Grants			
Number of Research Grant Proposals	36,900	41,400	40,000
Number of Research Grant Awards	7,900	7,800	8,800
Funding Rate	21%	19%	22%
Median Annualized Award Size	\$131,200	\$128,500	\$133,950
Average Annualized Award Size	\$164,700	\$161,200	\$168,600
Average Duration (years)	2.9	3.0	2.9

¹ Award estimates for FY 2013, such as numbers of awards and size/duration, are based upon the FY 2012 enacted level.

Number of People Involved in NSF Activities

NSF estimates that in FY 2014 more than 342,900 people will be directly involved in NSF programs and activities, receiving salaries, stipends, participant support, and other types of direct involvement. Beyond these figures, NSF programs indirectly impact millions of people, reaching K-12 students and teachers, the general public, and researchers through activities including workshops; informal science activities such as museums, television, videos, and journals; outreach efforts; and dissemination of improved curriculum and teaching methods.

FY 2014 Request			
Number of People Involved in NSF Activities			
	FY 2012		
	Actual	FY 2013	FY 2014
	Estimate	Estimate	Estimate
Senior Researchers	56,289	52,200	57,700
Other Professionals	14,108	14,620	15,520
Postdoctoral Associates	6,025	6,420	6,420
Graduate Students	42,257	39,700	44,500
Undergraduate Students	30,637	26,500	29,300
K-12 Teachers	44,812	52,600	53,700
K-12 Students	125,469	134,500	135,800
TOTAL, PEOPLE	319,597	326,540	342,940

Senior Researchers include scientists, mathematicians, engineers, and educators receiving funding through NSF awards. These include both researchers who are principal or co-principal investigators on research and education projects, and researchers working at NSF-supported centers and facilities.

Other Professionals are individuals who may or may not hold a doctoral degree or its equivalent, are considered professionals but are not reported as senior researchers, postdoctoral associates, or students. Examples are technicians, systems experts, etc.

Postdoctoral Associates are individuals who have received Ph.D., M.D., D.Sc., or equivalent and are not faculty members of the performing institution. About 97 percent are supported through funds included in research projects, centers, or facilities awards. Others are recipients of postdoctoral fellowships.

Graduate Students include those compensated from NSF grant funds. About 30 percent receive support through NSF's fellowship and traineeship programs. Other graduate students are supported through research assistantships and assist senior researchers or postdoctoral associates in performing research through awards for research projects, centers, or facilities. NSF provides support for approximately 27 percent of the U.S. science and engineering graduate students receiving federal funds and about 5 percent of the science and engineering graduate students in the U.S. overall.

Undergraduate Students include students compensated from NSF grant funds who are enrolled in technical colleges or baccalaureate programs. They may be assisting senior researchers or postdoctoral associates in performing research, or participating in NSF programs aimed at undergraduate students, such as Research Experiences for Undergraduates.

K-12 Teachers include teachers at elementary, middle, and secondary schools. These individuals actively participate in intensive professional development experiences in the sciences and mathematics.

K-12 Students are those attending elementary, middle, and secondary schools. They are supported through program components that directly engage students in science and mathematics experiences.

Summary Tables

NSF Budget Requests and Appropriations By Account: FY 1999 - FY 2014

(Millions of Current Dollars)

[Click here for complete history](#)

Fiscal Year	Research & Related Activities (R&RA)		Education & Human Resources (EHR)		Major Research Equipment & Facilities Construction (MREFC) ¹		Agency Operations & Award Management (AOAM) ²		Office of Inspector General (OIG)		National Science Board (NSB)		NSF, TOTAL	
	Request	Appropriation	Request	Appropriation	Request	Appropriation	Request	Appropriation	Request	Appropriation	Request	Appropriation	Request	Appropriation
1999	\$2,846.80	\$2,774.89	\$683.00	\$661.84	\$94.00	\$90.00	\$144.00	\$144.11	\$5.20	\$5.20	-	-	\$3,773.00	\$3,676.05
2000	3,004.00	2,972.90	678.00	690.87	85.00	93.50	149.00	149.28	5.45	5.45	-	-	3,921.45	3,912.00
2001	3,540.68	3,356.29	729.01	785.60	138.54	121.33	157.89	161.09	6.28	6.27	-	-	4,572.40	4,430.57
2002	3,326.98	3,612.26	872.41	894.28	96.33	138.80	170.04	171.26	6.76	6.75	-	-	4,472.52	4,823.35
2003	3,783.21	4,069.29	908.08	903.17	126.28	148.54	210.16	189.43	8.06	9.19	-	3.48	5,035.79	5,323.09
2004	4,106.36	4,262.12	938.04	938.98	202.33	154.98	225.70	218.96	8.77	9.94	-	3.88	5,481.20	5,588.86
2005	4,452.31	4,229.98	771.36	841.42	213.27	173.65	294.00	223.45	10.11	10.03	3.95	3.97	5,745.00	5,482.49
2006	4,333.49	4,339.21	737.00	796.69	250.01	190.88	269.00	247.06	11.50	11.35	4.00	3.95	5,605.00	5,589.14
2007	4,665.95	4,654.24	816.22	796.59	240.45	175.61	281.82	248.50	11.86	10.97	3.91	3.97	6,020.21	5,889.87
2008	5,131.69	4,841.73	750.60	765.60	244.74	220.74	285.59	281.79	12.35	11.43	4.03	3.97	6,429.00	6,125.26
2009	5,593.99	5,186.17	790.41	845.26	147.51	152.01	305.06	294.15	13.10	12.00	4.03	4.03	6,854.10	6,493.61
2009 ARRA	-	2,500.00	-	100.00	-	400.00	-	-	-	2.00	-	-	-	3,002.00
2009 Total	5,593.99	7,686.17	790.41	945.26	147.51	552.01	305.06	294.15	13.10	14.00	4.03	4.03	6,854.10	9,495.61
2010	5,733.24	5,563.92	857.76	872.76	117.29	117.29	318.37	300.00	14.00	14.00	4.34	4.54	7,045.00	6,872.51
2011	6,018.83	5,509.98	892.00	861.03	165.19	117.06	329.19	299.40	14.35	13.97	4.84	4.53	7,424.40	6,805.98
2012	6,253.54	5,689.00	911.20	829.00	224.68	197.06	357.74	299.40	15.00	14.20	4.84	4.44	7,767.00	7,033.10
2013 ³	5,983.28	-	875.61	-	196.17	-	299.40	-	14.20	-	4.44	-	7,373.10	-
2014	6,212.29	-	880.29	-	210.12	-	304.29	-	14.32	-	4.47	-	7,625.78	-

Totals may not add due to rounding.

¹The Major Research Equipment and Facilities Construction (MREFC) account was previously known as Major Research Equipment (MRE) until FY 2002.

²The Agency Operations and Award Management (AOAM) account was known as Salaries & Expenses (S&E) until FY 2008.

³ A full-year 2013 appropriation was not enacted at the time the budget was prepared. Therefore, these accounts were operating under a continuing resolution (P.L. 112-175).

**National Science Foundation
Selected Crosscutting Programs
FY 2014 Request to Congress**

(Dollars in Millions)

Selected Cross-Cutting Programs ¹		FY 2012 Actual	FY 2012 Enacted/ Annualized FY 2013 CR	FY 2014 Request	FY 2014 Request change over:			
					FY 2012 Actual		FY 2012 Enacted	
					Amount	Percent	Amount	Percent
ADVANCE	Research & Related Activities	16.29	16.42	15.35	-0.94	-5.8%	-1.07	-6.5%
	Education & Human Resources	1.49	1.53	1.28	-0.21	-14.1%	-0.25	-16.3%
	Total, NSF	\$17.78	\$17.95	\$16.63	-\$1.15	-6.5%	-\$1.32	-7.4%
Catalyzing Advances in Undergraduate STEM Education - CAUSE ²	Research & Related Activities	37.74	36.20	26.00	-11.74	-31.1%	-10.20	-28.2%
	Education & Human Resources	77.07	77.26	97.08	20.01	26.0%	19.82	25.7%
	Total, NSF	\$114.81	\$113.46	\$123.08	\$8.27	7.2%	\$9.62	8.5%
Cyberlearning Transforming Education - CTE	Research & Related Activities	12.13	11.00	15.00	2.87	23.7%	4.00	36.4%
	Education & Human Resources	20.08	20.08	15.08	-5.00	-24.9%	-5.00	-24.9%
	Total, NSF	\$32.21	\$31.08	\$30.08	-\$2.13	-6.6%	-\$1.00	-3.2%
Enhancing Access to the Radio Spectrum - EARS	Research & Related Activities	15.00	15.00	50.00	35.00	233.3%	35.00	233.3%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$15.00	\$15.00	\$50.00	\$35.00	233.3%	\$35.00	233.3%
Ethics Education in Science and Engineering - EESE	Research & Related Activities	2.99	2.45	2.44	-0.55	-18.4%	-0.01	-0.4%
	Education & Human Resources	0.07	0.30	-	-0.07	-100.0%	-0.30	-100.0%
	Total, NSF	\$3.06	\$2.75	\$2.44	-\$0.62	-20.3%	-\$0.31	-11.3%
Faculty Early Career Development - CAREER	Research & Related Activities	232.49	206.35	223.73	-8.76	-3.8%	17.38	8.4%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$232.49	\$206.35	\$223.73	-\$8.76	-3.8%	\$17.38	8.4%
National Graduate Research Fellowship - NGRF	Research & Related Activities	88.70	88.50	162.57	73.87	83.3%	74.07	83.7%
	Education & Human Resources	109.24	109.64	162.57	53.33	48.8%	52.93	48.3%
	Total, NSF	\$197.93	\$198.14	\$325.14	\$127.21	64.3%	\$127.00	64.1%
Graduate STEM Fellows in K-12 Education - GK-12	Research & Related Activities	0.01	-	-	-0.01	-100.0%	-	N/A
	Education & Human Resources	27.92	26.95	-	-27.92	-100.0%	-26.95	-100.0%
	Total, NSF	\$27.93	\$26.95	-	-\$27.93	-100.0%	-\$26.95	-100.0%
NSF Research Traineeships - NRT ³	Research & Related Activities	34.42	28.62	28.74	-5.68	-16.5%	0.12	0.4%
	Education & Human Resources	31.01	31.20	26.33	-4.68	-15.1%	-4.87	-15.6%
	Total, NSF	\$65.43	\$59.82	\$55.07	-\$10.36	-15.8%	-\$4.75	-7.9%
Total, Graduate Fellowships & Traineeships	Research & Related Activities	123.13	117.12	191.31	68.18	55.4%	74.19	63.3%
	Education & Human Resources	168.16	167.79	188.90	20.74	12.3%	21.11	12.6%
	Total, NSF	\$291.29	\$284.91	\$380.21	\$88.92	30.5%	\$95.30	33.4%
Long-Term Ecological Research Sites - LTERs	Research & Related Activities	29.65	27.40	27.59	-2.06	-7.0%	0.19	0.7%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$29.65	\$27.40	\$27.59	-\$2.06	-7.0%	\$0.19	0.7%
Research Experiences for Teachers - RET	Research & Related Activities	7.87	6.98	6.95	-0.92	-11.6%	-0.03	-0.4%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$7.87	\$6.98	\$6.95	-\$0.92	-11.6%	-\$0.03	-0.4%
Research Experiences for Undergraduates - REU - Sites Only	Research & Related Activities	59.59	48.27	56.68	-2.91	-4.9%	8.41	17.4%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$59.59	\$48.27	\$56.68	-\$2.91	-4.9%	\$8.41	17.4%
Research Experiences for Undergraduates - REU - Supplements Only	Research & Related Activities	19.95	17.72	22.50	2.55	12.8%	4.78	27.0%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$19.95	\$17.72	\$22.50	\$2.55	12.8%	\$4.78	27.0%
Total, Research Experiences for Undergraduates - REU	Research & Related Activities	79.55	65.99	79.18	-0.37	-0.5%	13.19	20.0%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$79.55	\$65.99	\$79.18	-\$0.37	-0.5%	\$13.19	20.0%
Research in Undergraduate Institutions - RUI	Research & Related Activities	41.51	40.15	39.95	-1.56	-3.8%	-0.20	-0.5%
	Education & Human Resources	-	-	-	-	N/A	-	N/A
	Total, NSF	\$41.51	\$40.15	\$39.95	-\$1.56	-3.8%	-\$0.20	-0.5%

Totals may not add due to rounding.

¹ For information related to the Selected Crosscutting Programs included in this table, see the Selected Crosscutting Programs narrative in the NSF-Wide Investments chapter.

² Catalyzing Advances in Undergraduate STEM Education (CAUSE) is a new program proposed for FY 2014. For comparability purposes, funding for FY 2012 Actual and FY 2012 Enacted/FY 2013 Annualized CR includes programs that have been consolidated into CAUSE. These include Climate Change Education (CCE); Engineering Education (EE); Geoscience Education; Nanotechnology Undergraduate Education in Engineering (NUE); Opportunities for Enhancing Diversity in the Geosciences (OEDG); Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP); Transforming Undergraduate Biology Education (TUBE); Transforming Undergrad Education in STEM (TUES); and Widening Implementation and Demonstration of Evidence-based Reforms (WIDER).

³ NSF Research Traineeships is a new program in FY 2014. Included in this line are continuing grant increments for the Integrative Graduate Education Research Traineeship (IGERT) program.

**National Science Foundation
NSTC Crosscuts Summary
FY 2014 Request to Congress**

(Dollars in Millions)

	National Nanotechnology Initiative (NNI)							
	FY 2012 Enacted/ Annualized			FY 2014 Request	FY 2014 Request change over:			
	FY 2012 Actual	FY 2013 CR	FY 2012 Actual		FY 2012 Enacted		FY 2012 Actual	FY 2012 Enacted
					Amount	Percent		
BIO	\$54.07	\$56.10	\$57.10	\$3.03	5.6%	\$1.00	1.8%	
CISE	13.89	17.75	14.00	0.11	0.8%	-3.75	-21.1%	
ENG	183.22	166.37	174.75	-8.47	-4.6%	8.38	5.0%	
GEO	0.85	0.85	0.30	-0.55	-64.7%	-0.55	-64.7%	
MPS	209.99	183.16	181.56	-28.43	-13.5%	-1.60	-0.9%	
SBE	1.67	1.67	0.60	-1.07	-64.1%	-1.07	-64.1%	
IIA	0.10	0.10	0.10	-	-	-	-	
R&RA	\$463.79	\$426.00	\$428.41	-\$35.38	-7.6%	\$2.41	0.6%	
EHR	\$2.50	-	\$2.50	-	-	\$2.50	N/A	
NSF Total	\$466.29	\$426.00	\$430.91	-\$35.38	-7.6%	\$4.91	1.2%	

	Networking & Information Technology R&D (NITRD)							
	FY 2012 Enacted/ Annualized			FY 2014 Request	FY 2014 Request change over:			
	FY 2012 Actual	FY 2013 CR	FY 2012 Actual		FY 2012 Enacted		FY 2012 Actual	FY 2012 Enacted
					Amount	Percent		
BIO	\$99.00	\$99.00	\$99.00	-	-	-	-	
CISE	937.11	865.23	950.25	13.14	1.4%	85.02	9.8%	
ENG	18.30	18.30	19.80	1.50	8.2%	1.50	8.2%	
GEO	20.00	22.98	24.00	4.00	20.0%	1.02	4.4%	
MPS	101.25	93.75	94.15	-7.10	-7.0%	0.40	0.4%	
SBE	31.09	29.51	30.70	-0.39	-1.3%	1.19	4.0%	
IIA	-	-	-	-	N/A	-	N/A	
R&RA	\$1,206.75	\$1,128.77	\$1,217.90	\$11.15	0.9%	\$89.13	7.9%	
EHR	\$9.50	\$9.50	\$9.50	-	-	-	-	
NSF Total	\$1,216.25	\$1,138.27	\$1,227.40	\$11.15	0.9%	\$89.13	7.8%	

	U.S. Global Change Research Program (USGCRP)							
	FY 2012 Enacted/ Annualized			FY 2014 Request	FY 2014 Request change over:			
	FY 2012 Actual	FY 2013 CR	FY 2012 Actual		FY 2012 Enacted		FY 2012 Actual	FY 2012 Enacted
					Amount	Percent		
BIO	\$89.00	\$89.00	\$91.00	\$2.00	2.2%	\$2.00	2.2%	
CISE	-	-	-	-	N/A	-	N/A	
ENG	-	-	-	-	N/A	-	N/A	
GEO	217.10	217.10	205.15	-11.95	-5.5%	-11.95	-5.5%	
MPS	5.03	5.03	7.00	1.97	39.2%	1.97	39.2%	
SBE	22.23	22.23	23.23	1.00	4.5%	1.00	4.5%	
IIA	-	-	-	-	N/A	-	N/A	
R&RA	\$333.36	\$333.36	\$326.38	-\$6.98	-2.1%	-\$6.98	-2.1%	
EHR	-	-	-	-	N/A	-	N/A	
NSF Total	\$333.36	\$333.36	\$326.38	-\$6.98	-2.1%	-\$6.98	-2.1%	

Totals may not add due to rounding.

**National Science Foundation
Homeland Security Activities Summary
FY 2014 Request to Congress**

(Dollars in Millions)

	BIO	CISE	ENG	GEO	MPS	SBE	IIA	R&RA	EHR	AOAM	Total, NSF
FY 2012 Actual	\$15.00	\$200.80	\$156.00	\$2.88	\$3.20	\$13.08	\$2.67	\$393.63	\$45.40	\$2.66	\$441.69
Protecting Critical Infrastructure & Key Assets	-	\$200.80	\$156.00	\$2.88	\$3.20	\$13.08	\$2.67	\$378.63	\$45.40	\$2.66	\$426.69
Antarctic Physical Security	-	-	-	0.30	-	-	-	0.30	-	-	0.30
Counterterrorism	-	27.00	-	-	-	-	-	27.00	-	-	27.00
Cybersecurity	-	144.50	5.00	-	0.50	7.58	-	157.58	-	-	157.58
Electronic Commerce	-	4.50	3.00	-	-	-	-	7.50	-	-	7.50
Emergency Planning & Response	-	24.80	25.00	-	2.00	-	-	51.80	-	-	51.80
Energy Supply Assurance	-	-	28.00	-	-	-	-	28.00	-	-	28.00
IT Security	-	-	-	2.58	-	-	2.67	5.25	0.42	2.66	8.33
Resilient Infrastructure	-	-	95.00	-	0.70	5.50	-	101.20	-	-	101.20
Cybercorps: Scholarship for Service	-	-	-	-	-	-	-	-	44.98	-	44.98
Defending Against Catastrophic Threats	\$15.00	-	-	-	-	-	-	\$15.00	-	-	\$15.00
Research to Combat Bioterrorism - Microbial Genomics, Analysis & Modeling	15.00	-	-	-	-	-	-	15.00	-	-	15.00
FY 2012 Enacted / Annualized FY 2013 CR	\$15.00	\$200.80	\$156.70	\$4.30	\$4.80	\$11.50	\$2.58	\$395.68	\$45.38	\$2.79	\$443.85
Protecting Critical Infrastructure & Key Assets	-	\$200.80	\$156.70	\$4.30	\$4.80	\$11.50	\$2.58	\$380.68	\$45.38	\$2.79	\$428.85
Antarctic Physical Security	-	-	-	0.30	-	-	-	0.30	-	-	0.30
Counterterrorism	-	27.00	-	-	-	-	-	27.00	-	-	27.00
Cybersecurity	-	144.50	5.05	-	1.00	6.00	-	156.55	-	-	156.55
Electronic Commerce	-	4.50	3.35	-	-	-	-	7.85	-	-	7.85
Emergency Planning & Response	-	24.80	25.30	-	3.10	-	-	53.20	-	-	53.20
Energy Supply Assurance	-	-	28.00	-	-	-	-	28.00	-	-	28.00
IT Security	-	-	-	4.00	-	-	2.58	6.58	0.38	2.79	9.75
Resilient Infrastructure	-	-	95.00	-	0.70	5.50	-	101.20	-	-	101.20
Cybercorps: Scholarship for Service	-	-	-	-	-	-	-	-	45.00	-	45.00
Defending Against Catastrophic Threats	\$15.00	-	-	-	-	-	-	\$15.00	-	-	\$15.00
Research to Combat Bioterrorism - Microbial Genomics, Analysis & Modeling	15.00	-	-	-	-	-	-	15.00	-	-	15.00
Delta from FY 2012 Enacted	-	\$2.50	-\$0.80	-\$0.99	-\$0.60	-\$0.50	\$0.02	-\$0.37	-\$20.02	-\$0.45	-\$20.84
Protecting Critical Infrastructure & Key Assets	-	\$2.50	-\$0.80	-\$0.99	-\$0.60	-\$0.50	\$0.02	-\$0.37	-\$20.02	-\$0.45	-\$20.84
Antarctic Physical Security	-	-	-	-	-	-	-	-	-	-	-
Counterterrorism	-	-	-	-	-	-	-	-	-	-	-
Cybersecurity	-	2.50	-0.80	-	1.00	-	-	2.70	-	-	2.70
Electronic Commerce	-	-	-	-	-	-	-	-	-	-	-
Emergency Planning & Response	-	-	-	-	-1.60	-	-	-1.60	-	-	-1.60
Energy Supply Assurance	-	-	-	-	-	-	-	-	-	-	-
IT Security	-	-	-	-0.99	-	-	0.02	-0.97	-0.02	-0.45	-1.44
Resilient Infrastructure	-	-	-	-	-	-0.50	-	-0.50	-	-	-0.50
Cybercorps: Scholarship for Service	-	-	-	-	-	-	-	-	-20.00	-	-20.00
Defending Against Catastrophic Threats	-	-	-	-	-	-	-	-	-	-	-
Research to Combat Bioterrorism - Microbial Genomics, Analysis & Modeling	-	-	-	-	-	-	-	-	-	-	-
FY 2014 Request	\$15.00	\$203.30	\$155.90	\$3.31	\$4.20	\$11.00	\$2.60	\$395.31	\$25.36	\$2.34	\$423.01
Protecting Critical Infrastructure & Key Assets	-	\$203.30	\$155.90	\$3.31	\$4.20	\$11.00	\$2.60	\$380.31	\$25.36	\$2.34	\$408.01
Antarctic Physical Security	-	-	-	0.30	-	-	-	0.30	-	-	0.30
Counterterrorism	-	27.00	-	-	-	-	-	27.00	-	-	27.00
Cybersecurity	-	147.00	4.25	-	2.00	6.00	-	159.25	-	-	159.25
Electronic Commerce	-	4.50	3.35	-	-	-	-	7.85	-	-	7.85
Emergency Planning & Response	-	24.80	25.30	-	1.50	-	-	51.60	-	-	51.60
Energy Supply Assurance	-	-	28.00	-	-	-	-	28.00	-	-	28.00
IT Security	-	-	-	3.01	-	-	2.60	5.61	0.36	2.34	8.31
Resilient Infrastructure	-	-	95.00	-	0.70	5.00	-	100.70	-	-	100.70
Cybercorps: Scholarship for Service	-	-	-	-	-	-	-	-	25.00	-	25.00
Defending Against Catastrophic Threats	\$15.00	-	-	-	-	-	-	\$15.00	-	-	\$15.00
Research to Combat Bioterrorism - Microbial Genomics, Analysis & Modeling	15.00	-	-	-	-	-	-	15.00	-	-	15.00

Totals may not add due to rounding.

Summary Tables

**National Science Foundation
Programs to Broaden Participation
FY 2014 Request to Congress**

(Dollars in Millions)

Group/Program	Amount Funding Captured	FY 2012 Actual	FY 2012 Annualized/ FY 2013 CR	FY 2014 Request	Change Over	
					FY 2012 Enacted	FY 2012 Enacted Amount Percent
Focused Programs		\$200.51	\$194.32	\$183.08	-\$11.24	-5.8%
ADVANCE	100%	17.78	17.95	16.63	-1.32	-7.4%
Alliances for Graduate Education and the Professoriate (AGEP)	100%	7.84	7.84	7.84	-	-
AGEP-Graduate Research Supplements	100%	1.50	2.00	2.00	-	-
Broadening Participation Research Initiation Grants in Engineering (BRIGE)	100%	4.99	5.00	5.00	-	-
Cyberinfrastructure Training, Education, Advancement & Mentoring (CI-TEAM) ¹	100%	2.63	4.00	-	-4.00	-100.0%
Centers of Research Excellence in Science and Technology (CREST)	100%	24.21	24.24	20.24	-4.00	-16.5%
ENG Graduate Research Diversity Supplements (GRDS)	100%	2.17	1.50	1.50	-	-
Geoscience Postdoctoral Fellowships	100%	5.42	3.09	3.82	0.73	23.6%
Research on Gender in Science and Engineering (GSE) ²	100%	10.57	10.50	10.50	-	-
Historically-Black Colleges and Universities-Undergraduate Program (HBCU-UP)	100%	31.85	31.94	31.94	-	-
Louis Stokes Alliances for Minority Participation (LSAMP)	100%	45.48	45.62	45.62	-	-
Opportunities to Enhance Diversity in the Geosciences (OEDG) ³	100%	8.02	3.60	-	-3.60	-100.0%
Partnerships in AST & Astrophysics Research Education (PAARE)	100%	1.00	1.00	1.00	-	-
Partnerships for Research and Education in Materials (PREM)	100%	5.84	5.58	5.86	0.28	5.0%
Pre-Engineering Education Collaboratives (PEEC)	100%	1.00	1.00	1.00	-	-
Excellence Awards in Science and Engineering (EASE) ⁴	100%	5.14	5.15	4.82	-0.33	-6.4%
BIO Minority Postdoctoral Fellowships	100%	3.19	2.50	2.50	-	-
Research in Disabilities Education (RDE) ²	100%	6.50	6.50	6.50	-	-
SBE Postdoctoral Research Fellowships-Broadening Participation [formerly SBE Minority Postdoctoral Fellowships]	100%	0.99	1.00	1.50	0.50	50.0%
SBE Science of Broadening Participation	100%	1.00	1.00	1.50	0.50	50.0%
Tribal Colleges and Universities Program (TCUP)	100%	13.39	13.31	13.31	-	-
Emphasis Programs		\$560.54	\$543.47	\$615.96	\$72.49	13.3%
Advancing Informal STEM Learning (AISL)	60%	37.46	36.84	28.69	-8.15	-22.1%
CAREER	51%	118.57	105.24	114.10	8.86	8.4%
Centers for Ocean Sciences Education Excellence (COSEE) ⁵	68%	2.88	2.88	0.59	-2.29	-79.5%
Discovery Research K-12 (DR-K12)	76%	75.67	75.41	77.92	2.51	3.3%
Geoscience Education ³	70%	1.08	1.05	-	-1.05	-100.0%
National Graduate Research Fellowship (NGRF)	59%	116.78	116.90	191.83	74.93	64.1%
International Research Experiences for Students (IRES)	73%	0.01	2.30	1.64	-0.66	-28.6%
Innovative Technology Experiences for Students and Teachers (ITEST) ⁶	65%	14.03	16.25	16.25	-	-
NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) ⁶	55%	39.91	41.25	41.25	-	-
Noyce Scholarships	65%	35.68	35.68	39.58	3.90	10.9%
Research Experiences for Undergraduates (REU) - Sites and Supplements	72%	57.28	47.51	57.01	9.50	20.0%
Science, Technology, Engineering and Math Talent Expansion Program (STEP) ³	62%	15.69	15.69	-	-15.69	-100.0%
Science, Technology, Engineering, Mathematics, including Computing Partnerships (STEM-C Partnerships) ⁷	64%	45.51	46.46	47.09	0.63	1.3%
<i>Computing Education for the 21st Century (CE21)</i>	51%	6.71	7.65	-	-	-
<i>Math Science Partnership (MSP)</i>	68%	38.81	38.81	-	-	-
Total, Focused and Emphasis Programs		\$761.05	\$737.79	\$799.04	\$61.25	8.3%

FY 2014 NSF Budget Request to Congress

Group/Program	Amount Funding Captured	FY 2012 Actual	FY 2012	FY 2014 Request	Change Over	
			Enacted/ Annualized FY 2013 CR		FY 2012 Enacted Amount	Percent
Geographic Diversity Program		\$150.85	\$150.90	\$163.58	\$12.68	8.4%
EPSCoR	100%	150.85	150.90	163.58	12.68	8.4%
Total, NSF		\$866.39	\$842.23	\$962.62	\$120.40	14.3%

Totals may not add due to rounding.

¹ The CI-TEAM program terminated and has no funding commitments in FY 2014.

² Research on Gender in Science and Engineering (GSE) and Research in Disabilities Education (RDE) are components of the Research on Education and Learning (REAL) program in EHR.

³ In FY 2014, Opportunities to Enhance Diversity in the Geosciences (OEDG), Geoscience Education, and the Science, Technology, Engineering and Math Talent Expansion Program (STEP) are consolidated into the new NSF-wide program Catalyzing Advances in Undergraduate STEM Education (CAUSE). The combined program does not meet the criteria for inclusion.

⁴ The Excellence Awards in Science and Engineering (EASE) program is comprised of both Presidential Awards for Excellence in Science, Math and Engineering Mentoring (PAEMEM) and Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST).

⁵ The COSEE program terminates in FY 2014.

⁶ NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM) and Innovative Technology Experiences for Students and Teachers (ITEST) are H1B Visa funded programs.

⁷ In FY 2014, Computing Education for the 21st Century (CE21) and Math Science Partnership (MSP) are merged into Science, Technology, Engineering, Mathematics, including Computing Partnerships (STEM-C Partnerships). Prior year funding is combined for comparability.

Focused Programs have broadening participation as an explicit goal of the program and are included at 100 percent of their funding.

Emphasis Programs have broadening participation as one of several emphases but broadening participation is not an explicit goal of the program. These programs are included at a percentage of their funding level. The percentage used equals the 3-year average percentage of the programs' award portfolio that meets one the following criteria:

- At least 50 percent of the principle investigators are from an underrepresented group;
- The award was to a Minority Serving Institution (MSI); or
- At least 50 percent of the students or postdocs supported by the grant reported themselves as members of an underrepresented group on project reports.

Geographic Diversity Programs have geographic diversity as an explicit goal of the program and are included at 100 percent of their funding.

Summary Tables

**National Science Foundation
FY 2014 STEM Education Programs by Level of Education**

(Dollars in Millions)

		FY 2012 Actual	FY 2012 Enacted/ Annualized FY 2013 CR	FY 2014 Request	Change Over FY 2012 Enacted	
					Amount	Percent
	Minority-Serving Institutions	\$45.24	\$45.25	\$45.25	-	-
UG	Historically-Black Colleges and Universities Undergraduate Program (HBCU-UP)	31.85	31.94	31.94	-	-
UG	Tribal Colleges and Universities Program (TCUP)	13.39	13.31	13.31	-	-
	Fellowships/Scholarships	\$478.28	\$473.97	\$555.00	\$81.03	17.1%
G	East Asia & Pacific Summer Institutes for U.S. Graduate Students (EAPSI)	1.58	2.40	2.40	-	-
G	Enhancing the Mathematical Sciences Workforce in the 21st Century (EMSW21)	12.97	11.77	11.50	-0.27	-2.3%
G	CyberCorps: Scholarship for Service (SFS)	44.98	45.00	25.00	-20.00	-44.4%
G	National Graduate Research Fellowship (NGRF)	197.93	198.14	325.14	127.00	64.1%
G	Graduate Teaching Fellows in K-12 Education (GK-12) ³	27.93	26.95	-	-26.95	-100.0%
G	NSF Research Traineeships (NRT) ¹	65.43	59.82	55.07	-4.75	-7.9%
UG	NSF Scholarships in Science, Technology, Engineering, and Mathematics (S-STEM)	72.57	75.00	75.00	-	-
UG	Robert Noyce Scholarship (Noyce) Program	54.89	54.89	60.89	6.00	10.9%
	Other Grant Programs	\$640.67	\$634.48	\$642.53	\$8.05	1.3%
UG	Advanced Technological Education (ATE)	64.07	64.00	64.00	-	-
G	Alliances for Graduate Education and the Professoriate (AGEP)	7.84	7.84	7.84	-	-
UG	Catalyzing Advances in Undergraduate STEM Education (CAUSE) ²	-	-	123.08	123.08	N/A
	<i>Climate Change Education (CCE)</i>	<i>16.02</i>	<i>10.00</i>	-	<i>-10.00</i>	<i>-100.0%</i>
	<i>Engineering Education (EE)</i>	<i>11.88</i>	<i>11.10</i>	-	<i>-11.10</i>	<i>-100.0%</i>
	<i>Geoscience Education</i>	<i>1.54</i>	<i>1.50</i>	-	<i>-1.50</i>	<i>-100.0%</i>
	<i>Nanotechnology Undergraduate Education in Engineering (NUE)</i>	<i>1.88</i>	<i>1.50</i>	-	<i>-1.50</i>	<i>-100.0%</i>
	<i>Opportunities for Enhancing Diversity in the Geosciences (OEDG)</i>	<i>8.02</i>	<i>3.60</i>	-	<i>-3.60</i>	<i>-100.0%</i>
	<i>Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP)</i>	<i>25.30</i>	<i>25.30</i>	-	<i>-25.30</i>	<i>-100.0%</i>
	<i>Transforming Undergraduate Biology Education (TUBE)</i>	<i>2.90</i>	<i>13.00</i>	-	<i>-13.00</i>	<i>-100.0%</i>
	<i>Transforming Undergrad Education in STEM (TUES)</i>	<i>39.06</i>	<i>39.46</i>	-	<i>-39.46</i>	<i>-100.0%</i>
	<i>Widening Implementation and Demonstration of Evidence-based Reforms (WIDER)</i>	<i>8.21</i>	<i>8.00</i>	-	<i>-8.00</i>	<i>-100.0%</i>
O&I	Centers for Ocean Sciences Education Excellence (COSEE) ³	4.23	4.24	0.87	-3.37	-79.5%
UG	Cyberinfrastructure Training, Education, Advancement & Mentoring (CI-TEAM) ³	2.63	4.00	-	-4.00	-100.0%
K-12	Discovery Research K-12 (DR-K12)	99.57	99.23	102.53	3.30	3.3%
O&I	Excellence Awards in Science and Engineering (EASE)	5.14	5.15	4.82	-0.33	-6.4%
K-12	Geoscience Teacher Training (GEO-Teach) ³	1.98	2.00	-	-2.00	-100.0%
K-12	Global Learning and Observations to Benefit the Environment (GLOBE) ³	0.87	1.10	-	-1.10	-100.0%
O&I	Advancing Informal STEM Learning (AISL)	62.43	61.40	47.82	-13.58	-22.1%
K-12	Innovative Technology Experiences for Students and Teachers (ITEST)	21.59	25.00	25.00	-	-
UG	International Research Experiences for Students (IRES)	0.01	3.15	2.25	-0.90	-28.6%
UG	Louis Stokes Alliances for Minority Participation (LSAMP)	45.48	45.62	45.62	-	-
K-12	Research Experiences for Teachers (RET) in Engineering and Computer Science	6.09	5.50	5.50	-	-
UG	Research Experiences for Undergraduates (REU) - Sites and Supplements	79.55	65.99	79.18	13.19	20.0%
K-12	Research on Education and Learning (REAL)	54.16	54.72	60.44	5.72	10.5%
K-12	Science, Technology, Engineering, Mathematics, including Computing Partnerships (STEM-C Partnerships) ⁴	70.22	72.08	73.58	1.50	2.1%
	<i>Computing Education for the 21st Century (CE21)</i>	<i>13.15</i>	<i>15.00</i>	-		
	<i>Math and Science Partnership (MSP)</i>	<i>57.07</i>	<i>57.08</i>	-		
	Subtotal, Above Categories	\$1,164.19	\$1,153.70	\$1,242.78	\$89.08	7.7%

FY 2014 NSF Budget Request to Congress

G	NSF Postdoctoral Programs	\$29.97	\$21.72	\$26.22	\$4.50	20.7%
	<i>BIO Postdoctoral Research Fellowships in Biology</i>	8.12	3.80	7.80	4.00	105.3%
	<i>GEO Postdoctoral Fellowships Programs</i>	5.42	3.09	3.82	0.73	23.6%
	<i>MPS Astronomy and Astrophysics Postdoctoral Fellowships</i>	2.19	2.40	2.20	-0.20	-8.3%
	<i>MPS Math Sciences Postdoctoral Research Fellowships</i>	6.45	3.93	4.10	0.17	4.3%
	<i>SBE Postdoctoral Research Fellowships-Broadening Participation</i> <i>[formerly SBE Minority Postdoctoral Fellowship]</i>	0.99	1.00	1.50	0.50	50.0%
	<i>SBE Postdoctoral Research Fellowships-Interdisc. Rsrch in Behav. & Soc. Sci.</i> ¹	-	-	1.50	1.50	N/A
	<i>CISE Cyberinfrastructure Postdoctoral Fellowship (CI TRaCS)</i>	1.49	2.00	1.70	-0.30	-15.0%
	<i>IIA International Research Fellowship program</i>	4.56	4.50	3.60	-0.90	-20.0%
	<i>GEO Polar Postdoctoral Fellowships</i> ⁵	0.75	1.00	-	-1.00	-100.0%
K-12 STEM Education Programs (K-12) Subtotal		\$254.48	\$259.63	\$267.05	\$7.42	2.9%
Undergraduate STEM Education Programs (UG) Subtotal		\$479.25	\$471.36	\$495.27	\$23.91	5.1%
Graduate STEM Education Programs (G) Subtotal		\$388.63	\$373.64	\$453.17	\$79.53	21.3%
Outreach & Informal Education STEM Education Programs (O&I) Subtotal		\$71.80	\$70.79	\$53.51	-\$17.28	-24.4%
TOTAL, NSF STEM Education		\$1,194.16	\$1,175.42	\$1,269.00	\$93.58	8.0%

Totals may not add due to rounding.

¹ NSF Research Traineeships (NRT) and SBE Postdoctoral Research Fellowships-Interdisciplinary Research in Behavioral & Social Sciences (SPRF-IBSS) are new programs proposed for FY 2014. Funding for NRT includes continuing grant increments for the Integrative Graduate Education Research Traineeship (IGERT) program.

² Catalyzing Advances in Undergraduate STEM Education (CAUSE) is a new program proposed for FY 2014. It is created by consolidating Climate Change Education (CCE); Engineering Education (EE); Geoscience Education; Nanotechnology Undergraduate Education in Engineering (NUE); Opportunities for Enhancing Diversity in the Geosciences (OEDG); Science, Technology, Engineering, and Mathematics Talent Expansion Program (STEP); Transforming Undergraduate Biology Education (TUBE); Transforming Undergrad Education in STEM (TUES); and Widening Implementation and Demonstration of Evidence-based Reforms (WIDER).

³ The Graduate Teaching Fellows in K-12 Education (GK-12), Cyberinfrastructure Training, Education, Advancement & Mentoring (CI-TEAM), Geoscience Teacher Training (GEO-Teach), and Global Learning and Observations to Benefit the Environment (GLOBE) programs terminated and have no funding commitments in FY 2014. Centers for Ocean Sciences Education Excellence (COSEE) terminates in FY 2014 and funding is for continuing grant increments only.

⁴ In FY 2014 Computing Education for the 21st Century (CE21) and Math Science Partnership (MSP) are merged into Science, Technology, Engineering, Mathematics, including Computing Partnerships (STEM-C Partnerships). Prior year funding is combined for comparability.

⁵ Polar Postdocs will be competed on a biannual basis beginning in FY 2015. No competition is planned for FY 2014.

Summary Tables

**National Science Foundation
Education and Human Resources (EHR) by Division and Program
FY 2014 Request to Congress**

(Dollars in Millions)

	FY 2012		FY 2012		Change Over	
	FY 2012 Actual	FY 2013 CR Annualized	FY 2014 Request	FY 2012 Enacted	FY 2012 Enacted	Percent
Division of Research on Learning in Formal and Informal Settings (DRL)	\$273.23	\$272.43	\$277.87	\$5.44	2.0%	
Learning and Learning Environments	162.00	160.63	160.35	-0.28	-0.2%	
Core Research and Development	-	-	10.00	10.00	N/A	
Discovery Research K-12 (DR-K12)	99.57	99.23	102.53	3.30	3.3%	
Advancing Informal STEM Learning (AISL)	62.43	61.40	47.82	-13.58	-22.1%	
Broadening Participation in STEM	54.16	54.72	60.44	5.72	10.5%	
Research on Education and Learning (REAL)	54.16	54.72	60.44	5.72	10.5%	
STEM Professional Workforce	57.07	57.08	57.08	-	-	
Science, Technology, Engineering, Mathematics, including Computing Partnerships (STEM-C Partnerships) [formerly Math and Science Partnership]	57.07	57.08	57.08	-	-	
Division of Graduate Education (DGE)	\$237.37	\$236.29	\$245.15	\$8.86	3.7%	
Learning and Learning Environments	23.22	23.50	23.95	0.45	1.9%	
Climate Change Education (CCE) ¹	5.50	5.50	-	-5.50	-100.0%	
Project and Program Evaluation (PPE) ²	17.72	18.00	23.95	5.95	33.1%	
STEM Professional Workforce	214.14	212.79	221.2	8.41	4.0%	
Core Research and Development	-	-	5.00	5.00	N/A	
CyberCorps: Scholarship for Service (SFS) ^{3,4}	44.98	45.00	25.00	-20.00	-44.4%	
NSF Innovation Corps (I-Corps)	0.36	-	0.30	0.30	N/A	
INSPIRE ²	0.64	-	2.00	2.00	N/A	
National Graduate Research Fellowship (NGRF)	109.24	109.64	162.57	52.93	48.3%	
Graduate STEM Fellows in K-12 Education (GK-12)	27.92	26.95	-	-26.95	-100.0%	
NSF Research Traineeships (NRT) ⁵	31.01	31.20	26.33	-4.87	-15.6%	
Division of Human Resource Development (HRD)	\$129.41	\$129.63	\$130.30	\$0.67	0.5%	
Learning and Learning Environments	78.79	78.86	74.86	-4.00	-5.1%	
ADVANCE	1.49	1.53	1.28	-0.25	-16.3%	
ADVANCE: Career Life Balance (CLB)	-	-	0.25	0.25	N/A	
Alliances for Graduate Education and the Professoriate (AGEP)	7.84	7.84	7.84	-	-	
Centers for Research Excellence in Science and Technology (CREST)	24.21	24.24	20.24	-4.00	-16.5%	
Historically Black Colleges and Universities Undergraduate Program (HBCU-UP)	31.85	31.94	31.94	-	-	
Tribal Colleges and Universities Program (TCUP)	13.39	13.31	13.31	-	-	
Broadening Participation in STEM	45.48	45.62	50.62	5.00	11.0%	
Core Research and Development	-	-	5.00	5.00	N/A	
Louis Stokes Alliances for Minority Participation (LSAMP)	45.48	45.62	45.62	-	-	
STEM Professional Workforce	5.14	5.15	4.82	-0.33	-6.4%	
Excellence Awards in Science and Engineering (EASE)	5.14	5.15	4.82	-0.33	-6.4%	
Division of Undergraduate Education (DUE)	\$190.54	\$190.65	\$226.97	\$36.32	19.1%	
Learning and Learning Environments	71.57	71.76	102.08	30.32	42.3%	
Core Research and Development	-	-	5.00	5.00	N/A	
Catalyzing Advances in Undergraduate STEM Education (CAUSE) ¹	-	-	97.08	97.08	N/A	
STEM Talent Expansion Program (STEP) ¹	24.30	24.30	-	-24.30	-100.0%	
Widening Implementation and Demonstration of Evidenced-based Reforms (WIDER) ¹	8.21	8.00	-	-8.00	-100.0%	
Transforming Undergraduate Education in STEM (TUES) ¹	39.06	39.46	-	-39.46	-100.0%	
STEM Professional Workforce	118.96	118.89	124.89	6.00	5.0%	
Advanced Technological Education	64.07	64.00	64.00	-	-	
Robert Noyce Teacher Scholarship Program (NOYCE)	54.89	54.89	60.89	6.00	10.9%	
Total, EHR	\$830.54	\$829.00	\$880.29	\$51.29	6.2%	

Totals may not add due to rounding.

Funding for the FY 2012 Actual and the FY 2012 Enacted/Annualized FY 2013 CR are shown in the FY 2014 structure for comparability.

¹ In FY 2014, Climate Change Education (CCE), STEM Talent Expansion Program (STEP), Widening Implementation and Demonstration of Evidenced-based Reforms (WIDER), and Transforming Undergraduate Education in STEM (TUES) are consolidated into the CAUSE program.

² In FY 2014, Project and Program Evaluation (PPE) and INSPIRE are transferred from the Division of Research on Learning in Formal and Informal Settings (DRL) to the Division of Graduate Education (DGE).

³ In 2012, Federal Cyber Service: Scholarship for Service (SFS) was officially renamed CyberCorps: Scholarship for Service (SFS). The term CyberCorps also was registered with the U.S. trademark office for use by the federal government.

⁴ In FY 2014, CyberCorps: Scholarship for Service (SFS) is transferred from the Division of Undergraduate Education (DUE) to the Division of Graduate Education (DGE).

⁵ NSF Research Traineeships (NRT) is a new proposed program. Included in this line are continuing grant increments for the Integrative Graduate Education and Research Traineeship (IGERT) program.

**National Science Foundation
Research Infrastructure (RI) Funding, by Account and Activity
FY 2014 Request to Congress**

(Dollars in Millions)

NSF by Account	FY 2012		FY 2012 Enacted / Annualized	FY 2012 Enacted / Annualized	FY 2014 Request	FY 2014 Request RI	FY 2014 Request RI Change over FY 2012 Actual RI		FY 2014 Request RI Change over FY 2012 Enacted RI	
	FY 2012 Actual	FY 2012 Actual RI Funding	FY 2013 CR	FY 2013 CR	FY 2014 Request	FY 2014 Request RI	Amount	Percent	Amount	Percent
BIO	\$712.28	\$96.62	\$712.38	\$112.89	\$760.58	\$126.46	\$29.84	30.9%	\$13.57	12.0%
CISE	937.16	242.19	865.23	151.16	950.25	162.20	-79.99	-33.0%	11.04	7.3%
ENG	824.55	31.37	826.17	31.33	911.12	32.83	1.46	4.7%	1.50	4.8%
GEO	1,321.37	678.64	1,321.14	660.86	1,393.86	705.92	27.28	4.0%	45.06	6.8%
MPS	1,308.70	304.59	1,308.94	292.71	1,386.12	352.35	47.76	15.7%	59.64	20.4%
SBE	254.19	47.49	254.25	43.49	272.35	51.70	4.21	8.9%	8.21	18.9%
IIA	398.60	93.24	399.44	93.24	536.62	94.99	1.75	1.9%	1.75	1.9%
U.S. Arctic Research Commission	1.45	-	1.45	-	1.40	-	-	N/A	-	N/A
Research & Related Activities	\$5,758.30	\$1,494.14	\$5,689.00	\$1,385.68	\$6,212.29	\$1,526.45	\$32.31	2.2%	\$140.77	10.2%
Education & Human Resources	\$830.54	-	\$829.00	-	\$880.29	-	-	N/A	-	N/A
Major Research Equipment & Facilities Construction	\$198.08	\$198.08	\$197.06	\$197.06	\$210.12	\$210.12	\$12.04	6.1%	\$13.07	6.6%
Agency Operations & Award Management	\$299.30	-	\$299.40	-	\$304.29	-	-	N/A	-	N/A
National Science Board	\$4.37	-	\$4.44	-	\$4.47	-	-	N/A	-	N/A
Office of Inspector General	\$14.12	-	\$14.20	-	\$14.32	-	-	N/A	-	N/A
Total, National Science Foundation	\$7,104.71	\$1,692.22	\$7,033.10	\$1,582.74	\$7,625.78	\$1,736.57	\$44.35	2.6%	\$153.83	9.7%

Totals may not add due to rounding.

Summary Tables

**National Science Foundation
Research Infrastructure Summary
FY 2014 Request to Congress**

(Dollars in Millions)

	FY 2012 Actual	FY 2012 Enacted/ Annualized FY 2013 CR	FY 2014 Request	FY 2014 Request change over:			
				FY 2012 Actual		FY 2012 Enacted	
				Amount	Percent	Amount	Percent
Facilities	\$912.50	\$897.26	\$1,006.28	\$93.78	10.3%	\$109.02	12.2%
Academic Research Fleet	92.96	78.75	86.00	-6.96	-7.5%	7.25	9.2%
<i>Regional Class Research Vessels (RCRV)¹</i>	-	2.00	1.00	1.00	N/A	-1.00	-50.0%
<i>RHOV Construction (R/V Alvin Replacement)</i>	5.08	2.40	-	-5.08	-100.0%	-2.40	-100.0%
<i>Ship Operations and Upgrades</i>	87.89	74.35	85.00	-2.89	-3.3%	10.65	14.3%
Arecibo Observatory	9.25	8.70	8.00	-1.25	-13.6%	-0.70	-8.0%
AST Portfolio Review Implementation	-	-	10.00	10.00	N/A	10.00	N/A
Cornell High Energy Synchrotron Source (CHESS)	19.67	19.67	20.00	0.33	1.7%	0.33	1.7%
Gemini Observatory	21.57	22.07	19.59	-1.98	-9.2%	-2.48	-11.2%
Geodetic Facilities for the Advancement of Geoscience and EarthScope (GAGE)	11.92	13.18	12.70	0.78	6.6%	-0.48	-3.6%
IceCube Neutrino Observatory (IceCube)	6.90	6.90	6.90	-	-	-	-
International Ocean Discovery Program (IODP)	51.68	44.40	50.00	-1.68	-3.2%	5.60	12.6%
Large Hadron Collider (LHC)	18.00	18.00	18.00	-	-	-	-
Laser Interferometer Gravitational Wave Observatory (LIGO)	30.40	30.40	39.50	9.10	29.9%	9.10	29.9%
National High Magnetic Field Laboratory (NHMFL)	26.80	25.80	32.64	5.84	21.8%	6.84	26.5%
National Nanotechnology Infrastructure Network (NNIN)	16.00	15.86	15.46	-0.54	-3.4%	-0.40	-2.5%
National Solar Observatory (NSO)	9.10	9.10	8.00	-1.10	-12.1%	-1.10	-12.1%
National Superconducting Cyclotron Laboratory (NSCL)	21.50	21.50	22.50	1.00	4.7%	1.00	4.7%
Network for Earthquake Engineering Simulation (NEES)	20.39	20.50	22.00	1.61	7.9%	1.50	7.3%
Other Facilities ²	2.52	2.52	2.66	0.14	5.7%	0.14	5.6%
Polar Facilities and Logistics	294.63	295.79	314.21	19.58	6.6%	18.42	6.2%
Seismological Facilities for Advancement of Geoscience & EarthScope (SAGE)	26.12	26.76	25.70	-0.42	-1.6%	-1.06	-4.0%
Other Facilities Investments							
Major Research Equipment & Facilities Construction ³	226.88	225.86	285.92	59.04	26.0%	60.06	26.6%
Pre-construction Planning ⁴	6.20	11.50	6.50	0.30	4.8%	-5.00	-43.5%
Federally Funded R&D Centers	\$204.14	\$198.99	\$206.80	\$2.66	1.3%	\$7.81	3.9%
National Center for Atmospheric Research (NCAR)	103.00	98.60	99.00	-4.00	-3.9%	0.40	0.4%
National Optical Astronomy Observatory (NOAO)	26.25	25.50	25.50	-0.75	-2.9%	-	-
National Radio Astronomy Observatories (NRAO) ⁵	71.75	71.75	77.41	5.66	7.9%	5.66	7.9%
Science and Technology Policy Institute (STPI)	3.14	3.14	4.89	1.75	55.7%	1.75	55.7%
Other Research Instrumentation and Infrastructure	\$575.58	\$486.49	\$523.49	-\$52.09	-9.0%	\$37.00	7.6%
Major Research Instrumentation (MRI)	90.00	90.00	90.00	0.00	0.0%	-	-
National Center for Science & Engineering Statistics (NCSES)	30.64	29.65	36.31	5.67	18.5%	6.66	22.5%
NCSES Science of Science & Innovation Policy Activities	5.13	5.95	4.95	-0.18	-3.5%	-1.00	-16.8%
Networking & Computational Resources Infrastructure & Services	210.32	116.56	114.60	-95.72	-45.5%	-1.96	-1.7%
Polar Environment, Safety, and Health (PESH)	6.31	6.37	7.10	0.79	12.5%	0.73	11.5%
Research Resources ⁶	233.18	237.96	270.53	37.35	16.0%	32.57	13.7%
TOTAL, RESEARCH INFRASTRUCTURE	\$1,692.22	\$1,582.74	\$1,736.57	\$44.35	2.6%	\$153.83	9.7%

Totals may not add due to rounding.

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 Other Facilities includes support for other materials research facilities.

³ 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.

⁴ 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.

⁵ Funding for the National Radio Astronomy Observatory (NRAO) includes operation and maintenance support for the Atacama Large Millimeter Array (ALMA). Construction funding for ALMA is included in the MREFC projects line above.

⁶ Funding for Research Resources includes support for the operation and maintenance of minor facilities, infrastructure and instrumentation, field stations, museum collections, etc.