

## NATIONAL SCIENCE FOUNDATION REPORT ON FY 2017 FUNDING TO MINORITY-SERVING INSTITUTIONS

The National Science Foundation Authorization Act of 2002 (P.L. 107-368, Section 18) requires the National Science Foundation (NSF) to report annually on funds awarded to all identified minority-serving institutions (MSIs).<sup>1</sup> This report tracks NSF funding to MSIs from its FY 2017 appropriation and from its H-1B Nonimmigrant Petitioner Account.<sup>2</sup>

NSF is funded primarily through six congressional appropriations, which totaled \$7.47 billion in FY 2017. By comparison, the FY 2017 budget authority was 0.1 percent above the FY 2016 budget authority of \$7.46 billion. In FY 2017, NSF programmatic activities—including grants and cooperative agreements—funded through NSF’s Research and Related Activities (R&RA), Education and Human Resources (EHR), and Major Research Equipment and Facilities Construction (MRE) appropriations accounted for 95 percent of NSF’s total appropriations.

Additionally, in FY 2017 NSF received \$138.1 million in H-1B Nonimmigrant Petitioner fees. This amount reflects \$9.7 million that was sequestered in FY 2017 and \$6.8 million that was sequestered in FY 2016 and returned to NSF in FY 2017. H-1B funds are used to support two programs with an emphasis on broadening participation in science and engineering.

The NSF’s total investment to all MSIs in FY 2017 was \$412.8 million. This amount represents 7.3 percent of the \$5,628.8 million awarded to all institutions of higher education (IHEs). There has been a steady rise, amounting to an 84 percent increase in nominal dollars over the past decade, in the total funding for MSIs. In FY 2016, the investment rose sharply from \$346.2 million to \$504.6 million. In FY 2017, the funding level reverted back to the previous decade’s norm with an 18 percent decrease from the FY 2016 level. The spike in FY 2016 was due, in part, to increases in multi-year competitive awards to High Hispanic Enrollment (HHE) Institutions and High African-American-Enrollment Serving Institutions (HAAE) via student support programs (e.g., Graduate Research Fellowship Program (GRFP), NSF Research Traineeship (NRT), Robert Noyce Scholarship, Scholarships in Science, Technology, Engineering and Mathematics (S-STEM) and CyberCorps®: Scholarship for Service (SFS)) and center-scale efforts (e.g., Engineering Research Centers) as well as additional institutional support funding through the Historically Black Colleges and Universities-Undergraduate Program (HBCU-UP).

In FY 2017, awards to HBCUs, HHEs, and Tribal Colleges and Universities (TCUs) totaled \$395.7 million or 7.0 percent of funding to all IHEs. This is a 14 percent decrease from the FY 2016 level (\$459.0 million). NSF’s funding to Majority Minority-Serving Institutions (MMSIs),<sup>3</sup> Alaska Native and Native Hawaiian Serving Institutions, Pacific Island IHEs, and HAAE or High American Indian Enrollment (HAIE) and those primarily serving students with disabilities (DSIs) was \$17.1 million or 0.3 percent of funding to all IHEs. This is a decrease of 63 percent from the FY 2016 level (\$45.6 million). The following table provides

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<sup>1</sup> Identification of MSIs and HHEs is based on the 2006 U.S. Accredited Post-Secondary Minority Institutions, U.S. Department of Education (ED), Office of Civil Rights Data. It is the most recent list available. A minority postsecondary institution is defined as an institution “Whose enrollment of a single minority or a combination of minorities ... exceeds 50 percent of all enrollment.” 20 U.S.C. § 1067k(3). NSF uses ED’s list to recognize those IHEs with considerable enrollment of Alaska Natives, Native Hawaiians, a substantial number of historically underrepresented minority populations (i.e. African-Americans, Native Americans, and Hispanics). The complete list of MSIs is available on-line at <http://ed.gov/about/offices/list/ocr/edlite-minorityinst.html>.

<sup>2</sup> Beginning in FY 1999, Title IV of the American Competitiveness and Workforce Improvement Act of 1998 (P.L. 105-277) established an H-1B Nonimmigrant Petitioner Account in the general fund of the U.S. Treasury for fees collected for each petition for alien nonimmigrant status. That law required that prescribed percentages of funds in the account be made available to NSF for low-income scholarships; grants for mathematics, engineering, or science enrichment courses; and systemic reform activities. In FY 2005, Public Law 108-447 reauthorized H-1B funding. NSF was provided with 40 percent of the total H-1B receipts collected.

<sup>3</sup> IHEs as identified by ED with total minority enrollment greater than or equal to 50 percent of total student enrollment. To avoid double counting, funds identified in the MMSI category excludes all funding to named categories of minority-serving institutions (e.g., HBCU).

a breakout by budget category of the NSF funds awarded.

**FY 2017 NSF Direct Funding to Minority-Serving Institutions  
(Millions of Dollars)**

	EHR	MRE	R&RA	H-1B	Total*	MSIs as a Percent of IHE Funding
HBCUs, HHEs & TCUs	\$120.9	0	\$263.2	\$11.6	\$395.7	7.0%
MMSIs, Alaska-Native and Native Hawaiian Serving, Pacific Island IHEs, HAAEs, HAIEs, and DSIs	\$3.8	0	\$12.2	\$1.1	\$17.1	0.3%
<b>Total</b>	<b>\$124.7</b>	<b>\$0</b>	<b>\$275.4</b>	<b>\$12.7</b>	<b>\$412.8</b>	<b>7.3%</b>

\*Numbers may not add due to rounding.

The table below provides data on NSF funding by budget category to all categories of MSIs in FY 2017 and the preceding ten years. The funding as a percentage of total funding to all IHEs is also included.

**NSF Direct Funding to All Categories of Minority-Serving Institutions  
(Millions of Dollars)**

Year	Funding to All Categories of Minority-Serving Institutions					Funding to All IHEs	MSIs as a Percent of IHE Funding
	EHR	MRE	R&RA	H-1B	Total		
2007	\$110.5	\$0	\$68.1	\$9.8	\$188.4	\$4,327.6	4.3%
2008	\$106.9	\$0	\$105.0	\$13.0	\$224.8	\$4,464.5	5.0%
2009	\$119.7	\$0	\$126.5	\$8.2	\$254.4	\$4,685.2	5.4%
2010	\$116.2	\$0	\$127.4	\$12.4	\$255.9	\$5,080.5	5.0%
2011	\$121.5	\$0	\$147.3	\$11.9	\$280.7	\$5,136.0	5.5%
2012	\$115.8	\$0	\$131.8	\$17.3	\$265.0	\$5,230.7	5.1%
2013	\$125.6	\$0	\$138.6	\$15.9	\$280.1	\$5,116.3	5.5%
2014	\$124.8	\$0	\$187.0	\$15.2	\$327.0	\$5,253.6	6.2%
2015	\$131.5	\$0	\$192.3	\$22.5	\$346.2	\$5,560.7	6.2%
2016	\$152.1	\$0	\$314.0	\$38.5	\$504.6	\$5,547.6	9.1%
2017	\$124.7	\$0	\$275.4	\$12.7	\$412.8	\$5,628.8	7.3%

Appendix Table 1 provides a breakout by appropriations category of funding to HBCUs, HHEs, and TCUs for the years 2007-2017. In FY 2017, the funding from EHR, R&RA, and H-1B accounts to HBCUs, HHEs, and TCUs was \$395.7 million, a decrease from the FY 2016 level (\$459.0 million). FY 2017 funding to HBCUs, HHEs, and TCUs also represented a decrease as a percentage of funding to all IHEs (7.0 percent) compared to FY 2016 (8.3 percent).

Attachment:

**Appendix Table 1**

**Direct NSF Funding to Minority-Serving Institutions for Fiscal Year 2007-2017**

Appropriation	FY	All IHEs	HBCUs	BIS Univ cut		HHEs	HHE % of IHE	TCUs	TCU % of IHE	Total HBCU, HHE, & TCU	Total HBCU, HHE, & TCU % of IHE
					as of 30 NOV 2017						
Education & Human Resources	2007	\$612.2M	\$53.2M	8.7%		\$39.7	6.5%	\$10.3M	1.7%	\$103.3M	16.9%
	2008	\$617.0M	\$59.4M	9.6%		\$31.8	5.2%	\$9.8M	1.6%	\$101.0M	16.4%
	2009	\$672.9M	\$61.2M	9.1%		\$38.5M	5.7%	\$14.0M	2.1%	\$113.6M	16.9%
	2010	\$689.5M	\$56.8M	8.2%		\$43.7	6.3%	\$11.9M	1.7%	\$112.4M	16.3%
	2011	\$693.5M	\$66.6M	9.6%		\$34.7	5.0%	\$11.8M	1.7%	\$113.1M	16.3%
	2012	\$685.7M	\$64.3M	9.4%		\$36.4M	5.3%	\$9.6M	1.4%	\$110.3M	16.1%
	2013	\$697.2M	\$66.3M	9.5%		\$38.2M	5.5%	\$10.8M	1.6%	\$115.3M	16.5%
	2014	\$688.9M	\$59.5M	8.6%		\$45.1	6.6%	\$11.4M	1.7%	\$116.1M	16.9%
	2015	\$728.9M	\$66.0M	9.1%		\$44.3	6.1%	\$12.7M	1.7%	\$123.1M	16.9%
	2016	\$738.0M	\$58.0M	7.9%		\$70.5	9.5%	\$7.3M	1.0%	\$135.8M	18.4%
2017	\$736.1M	\$59.7M	8.1%		\$47.6	6.5%	\$13.7M	1.9%	\$120.9M	16.4%	
Major Research Equipment and Facilities Construction	2007	\$25.6M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2008	\$47.6M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2009	\$73.1M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2010	\$80.9M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2011	\$25.2M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2012	\$22.0M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2013	\$15.2M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2014	\$14.9M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2015	\$0.0M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2016	\$0.0M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
2017	\$121.9M	\$0.0M	0.0%		\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	
Research & Related Activities	2007	\$3,564.2M	\$15.0M	0.4%		\$49.9M	1.4%	\$0.5M	0.0%	\$65.4M	1.8%
	2008	\$3,689.7M	\$29.7M	0.8%		\$66.4M	1.8%	\$1.7M	0.0%	\$97.7M	2.6%
	2009	\$3,864.8M	\$31.0M	0.8%		\$84.6M	2.2%	\$4.5M	0.1%	\$120.1M	3.1%
	2010	\$4,223.7M	\$25.8M	0.6%		\$95.3M	2.3%	\$1.7M	0.0%	\$122.8M	2.9%
	2011	\$4,333.2M	\$23.1M	0.5%		\$115.8M	2.7%	\$1.4M	0.0%	\$140.4M	3.2%
	2012	\$4,439.4M	\$30.2M	0.7%		\$96.8M	2.2%	\$0.1M	0.0%	\$127.1M	2.9%
	2013	\$4,299.5M	\$19.2M	0.4%		\$111.5M	2.6%	\$1.3M	0.0%	\$132.0M	3.1%
	2014	\$4,429.3M	\$28.5M	0.6%		\$152.3M	3.4%	\$0.5M	0.0%	\$181.3M	4.1%
	2015	\$4,703.7M	\$18.7M	0.4%		\$165.6M	3.5%	\$0.0M	0.0%	\$184.3M	3.9%
	2016	\$4,639.7M	\$36.6M	0.8%		\$251.0M	5.4%	\$0.5M	0.0%	\$288.0M	6.2%
2017	\$4,668.1M	\$20.8M	0.4%		\$242.2M	5.2%	\$0.2M	0.0%	\$263.2M	5.6%	
H-1B Visa Receipts	2007	\$125.6M	\$2.1M	1.7%		\$6.9M	5.5%	\$0.0M	0.0%	\$9.0M	7.2%
	2008	\$110.2M	\$5.0M	4.5%		\$6.4M	5.8%	\$0.0M	0.0%	\$11.4M	10.3%
	2009	\$74.3M	\$2.8M	3.8%		\$4.9M	6.5%	\$0.0M	0.0%	\$7.7M	10.4%
	2010	\$86.3M	\$4.1M	4.8%		\$7.6M	8.8%	\$0.6M	0.7%	\$12.3M	14.2%
	2011	\$84.1M	\$2.2M	2.6%		\$8.8M	10.5%	\$0.8M	1.0%	\$11.8M	14.1%
	2012	\$83.6M	\$2.8M	3.4%		\$12.7M	15.2%	\$0.5M	0.6%	\$16.0M	19.2%
	2013	\$104.4M	\$6.7M	6.4%		\$5.9M	5.6%	\$0.3M	0.3%	\$12.9M	12.3%
	2014	\$120.5M	\$3.2M	2.7%		\$9.6M	7.9%	\$0.0M	0.0%	\$12.8M	10.6%
	2015	\$128.1M	\$3.5M	2.7%		\$16.3M	12.7%	\$0.0M	0.0%	\$19.7M	15.4%
	2016	\$169.9M	\$8.2M	4.8%		\$26.9M	15.8%	\$0.0M	0.0%	\$35.1M	20.7%
2017	\$102.7M	\$2.3M	2.2%		\$8.3M	8.1%	\$1.0M	0.9%	\$11.6M	11.3%	
FY 2017 Grand Totals		\$5,628.8M	\$82.8M	1.5%		\$298.1M	5.3%	\$14.8M	0.3%	\$395.7M	7.0%

The transfer of EPSCoR from EHR to R&RA is reflected from FY 2007 onward for comparability. Numbers may not add due to rounding.