

National Science Foundation Report on Funding to Minority Serving Institutions FY 2006

The National Science Foundation Authorization Act of 2002 (P.L. 107-368, Section 18), requires the National Science Foundation (NSF) to report annually on the funds awarded to all identified minority-serving institutions (MSIs)¹.

NSF's total investment to all MSIs in FY 2006 was \$326.2M. This amount represents 7.9 percent of the \$4,104.5M awarded to all institutions of higher education (IHEs). This is a substantial decline from what was reported in FY 2005. The decline results from a major change in the institutions classified as MSIs following a change in the formula used by the US Department of Education (ED) when determining MSI status.² The formula now excludes Asian or Pacific Islander (a single racial category) student enrollment when calculating the percentage of minority student enrollment, as Asians are not considered underrepresented in science and engineering.

In FY 2006, NSF funds awarded to Historically Black Colleges and Universities (HBCUs), Hispanic Serving Institutions (HSIs), and Tribal Colleges and Universities (TCUs) increased by over \$116M, as compared to FY 2005, and accounted for 6.9 percent of the Foundation's funding to all IHEs. Direct funding to all HBCUs, HSIs, and TCUs totaled \$281.5M. NSF's funding to MSIs with total minority enrollment exceeding 50 percent (as identified by ED), Alaska-Native, Native Hawaiian, and Pacific Islander Serving Institutions was \$44.7 or 1 percent of funding to all IHEs.

Additionally in FY 2006, NSF awarded \$3.6M to an institution dedicated to serving people with disabilities, Gallaudet University. Although not officially considered minority serving, institutions whose primary mission is the education of the disabled have an important role in broadening the participation of all individuals in science and engineering.

Text Table 1 provides a breakout by budget category of the NSF funds awarded.

¹ Identification of MSIs and HSIs 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). ED's listing allows NSF 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) and permits a more complete report of NSF investments to MSIs. The complete list of MSIs is available on-line at <http://www.ed.gov/about/offices/list/ocr/edlite-minorityinst.html>

² In FY 2005, the top five MSIs receiving funding from NSF included the University of California campuses at Berkeley, Los Angeles, Irvine, and Riverside and the University of Hawaii. In FY 2006, none of these institutions are classified as MSIs.

Text Table 1

FY 2006 NSF Direct Funding to Minority Serving Institutions
(Millions of Dollars)

	EHR	MRE	R&RA	H-1B	Total	Funding to All IHEs	MSIs as a Percent of IHE Funding
HBCUs, HSIs & TCUs	\$102.1	\$0.0	\$162.6	\$16.8	\$281.5	\$4,104.5	6.9%
MSIs (> 50% minority enrollment), Alaska-Native, Native Hawaiian, and Pacific Islander Serving Institutions	\$ 20.1	\$0.0	\$19.5	\$ 5.3	\$ 44.7	\$4,104.5	1.0 %
Total	\$122.2	\$0.0	\$ 182.1	\$ 22.1	\$326.2	\$4,104.5	8.0%

As reported in previous years, Text Table 2 provides data on NSF's funding by budget category to HBCUs, HSIs, and TCUs in FY 2006 and the preceding 10 years. The funding to these institutions expressed as a percentage of total funding to all IHEs is included.

Text Table 2

NSF Direct Funding to HBCUs, HSIs, and TCUs
(Millions of Dollars)

Year	Funding to HBCUs, HSIs, and TCUs					Funding to All IHEs	HBCUs, HSIs & TCUs as a Percentage of All IHE Funding
	EHR	MRE	R&RA	H-1B	Total		
1996	\$42.0	\$0	\$30.2	N/A ³	\$ 72.2	\$2,163.2	3.33%
1997	\$50.6	\$0	\$33.8	N/A	\$ 84.4	\$2,232.6	3.78%
1998	\$56.4	\$0	\$41.2	N/A	\$ 97.6	\$2,400.5	4.06%
1999	\$55.6	\$0	\$42.3	N/A	\$ 97.9	\$2,619.2	3.73%
2000	\$51.6	\$0	\$41.9	\$ 5.3	\$ 98.8	\$2,784.5	3.54%
2001	\$62.3	\$0	\$45.6	\$12.1	\$120.0	\$3,293.6	3.64%
2002	\$80.6	\$0	\$50.6	\$ 7.4	\$138.6	\$3,492.7	3.96%
2003	\$89.3	\$0	\$59.6	\$ 8.5	\$157.4	\$3,952.8	3.98%
2004	\$92.5	\$0	\$66.3	\$ 5.7	\$164.5	\$4,170.2	3.94%
2005	\$99.4	\$0	\$63.3	\$ 2.7	\$165.4	\$3,969.0	4.16%
2006	\$102.1	\$0	\$162.6	\$16.8	\$281.5	\$4,104.5	6.9%
Percent Increase from 1996	143 %	0%	438 %	217 %	290 %	90%	

Over the 11-year period the increase in funding to HBCUs, HSIs, and TCUs exceeded the increase in funding to all IHEs, 290 percent and 90 percent respectively. FY 2006 support to HBCUs, HSIs, and TCU increased in all budget categories and increased significantly in the

³ H-1B account was created in FY 2000.

Research and Related Activities (R&RA) and H-1B categories over the previous year's levels. The reauthorization of the H-1B legislation allows NSF to continue to support programs and projects with H-1B funds (estimated annual receipts of \$100M) through an annual cycle of program competitions and funding actions. NSF anticipates that the level of funding to HBCUs, HSIs, and TCUs from the H-1B account should remain near the recent average amount. A significant portion of the growth in R&RA funding may be attributed to new awards from cyberinfrastructure, nanoscience, and computer and information science and engineering programs. These programs are among NSF's identified priority areas and are actively engaged in targeted outreach to the MSI communities.

Appendix Table 1 provides the breakout by category of institution (HBCUs, HSIs, and TCUs) for the years 1996 – 2006 by appropriation account.

Attachment
Appendix Table 1

Direct NSF Funding to Minority Serving Institutions for Fiscal Year 1996-2006

as of: 8 Jan 07

(BIIS Univ cut)

Appropriation	FY	All Colleges & Universities (IHE)	HBCUs	HBCU % of IHE	Hispanic Serving Institutions (HSI)	HSI % of IHE	Tribal Colleges & Univ (TCU)	TCU % of IHE	Total HBCU, HSI, & TCU	Total HBCU, HSI, & TCU % of IHE
Education & Human Resources	1996	\$366.0M	\$16.7M	4.6%	\$23.3M	6.4%	\$2.0M	0.6%	\$42.0M	11.5%
	1997	\$353.5M	\$20.6M	5.8%	\$26.1M	7.4%	\$3.8M	1.1%	\$50.6M	14.3%
	1998	\$399.7M	\$29.9M	7.5%	\$20.8M	5.2%	\$5.7M	1.4%	\$56.4M	14.1%
	1999	\$417.6M	\$22.3M	5.3%	\$28.3M	6.8%	\$5.0M	1.2%	\$55.6M	13.3%
	2000	\$422.8M	\$23.4M	5.5%	\$19.9M	4.7%	\$8.2M	1.9%	\$51.6M	12.2%
	2001	\$499.8M	\$31.4M	6.3%	\$19.2M	3.8%	\$11.8M	2.4%	\$62.3M	12.5%
	2002	\$591.9M	\$38.5M	6.5%	\$30.0M	5.1%	\$12.1M	2.0%	\$80.6M	13.6%
	2003	\$683.0M	\$37.0M	5.4%	\$39.8M	5.8%	\$12.5M	1.8%	\$89.3M	13.1%
	2004	\$709.4M	\$55.3M	7.8%	\$30.0M	4.2%	\$7.2M	1.0%	\$92.5M	13.0%
	2005	\$657.9M	\$46.9M	7.1%	\$42.1M	6.4%	\$10.4M	1.6%	\$99.4M	15.1%
	2006	\$625.7M	\$46.7M	7.5%	\$45.5M	7.3%	\$9.8M	1.6%	\$102.1M	16.3%
Major Research Equipment	1996	\$70.0M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	1997	\$55.0M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	1998	\$26.0M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	1999	\$22.0M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2000	\$23.5M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2001	\$88.4M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2002	\$49.9M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2003	\$82.9M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2004	\$53.4M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2005	\$43.1M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
	2006	\$55.3M	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%	\$0.0M	0.0%
Research & Related Activities	1996	\$1,727.2M	\$9.1M	0.5%	\$18.5M	1.1%	\$2.5M	0.1%	\$30.2M	1.7%
	1997	\$1,824.1M	\$7.5M	0.4%	\$23.7M	1.3%	\$2.6M	0.1%	\$33.8M	1.9%
	1998	\$1,974.8M	\$14.0M	0.7%	\$26.0M	1.3%	\$1.2M	0.1%	\$41.2M	2.1%
	1999	\$2,179.6M	\$12.8M	0.6%	\$27.9M	1.3%	\$1.5M	0.1%	\$42.3M	1.9%
	2000	\$2,314.1M	\$9.4M	0.4%	\$31.5M	1.4%	\$1.0M	0.0%	\$41.9M	1.8%
	2001	\$2,633.8M	\$10.5M	0.4%	\$34.9M	1.3%	\$0.2M	0.0%	\$45.6M	1.7%
	2002	\$2,806.1M	\$12.5M	0.4%	\$37.9M	1.4%	\$0.2M	0.0%	\$50.6M	1.8%
	2003	\$3,155.8M	\$13.4M	0.4%	\$44.5M	1.4%	\$1.7M	0.1%	\$59.6M	1.9%
	2004	\$3,361.9M	\$15.3M	0.5%	\$49.0M	1.5%	\$2.0M	0.1%	\$66.3M	2.0%
	2005	\$3,256.2M	\$13.7M	0.4%	\$49.3M	1.5%	\$0.3M	0.0%	\$63.3M	1.9%
	2006	\$3,332.4M	\$19.6M	0.6%	\$142.6M	4.3%	\$0.5M	0.0%	\$162.6M	4.9%
H-1B Visa Receipts	2000	\$24.1M	\$3.1M	13.0%	\$2.2M	9.1%	\$0.0M	0.0%	\$5.3M	22.1%
	2001	\$71.6M	\$5.5M	7.7%	\$5.3M	7.4%	\$1.3M	1.8%	\$12.1M	16.9%
	2002	\$44.8M	\$2.9M	6.4%	\$3.9M	8.6%	\$0.6M	1.4%	\$7.4M	16.5%
	2003	\$31.1M	\$0.3M	1.1%	\$2.8M	9.1%	\$5.3M	17.0%	\$8.5M	27.2%
	2004	\$45.5M	\$1.8M	4.0%	\$3.9M	8.5%	\$0.0M	0.0%	\$5.7M	12.5%
	2005	\$11.8M	\$1.8M	14.9%	\$0.0M	0.3%	\$0.9M	7.5%	\$2.7M	22.7%
2006	\$91.2M	\$6.0M	6.6%	\$10.8M	11.8%	\$0.0M	0.0%	\$16.8M	18.4%	
FY 2006 Grand Totals		\$4,104.5M	\$72.3M	1.8%	\$198.9M	4.8%	\$10.3M	0.3%	\$281.5M	6.9%

Numbers may not add due to rounding.