

**NATIONAL SCIENCE FOUNDATION  
NSTC CROSSCUTS SUMMARY  
FY 2018 Request to Congress**

(Dollars in Millions)

	<b>National Nanotechnology Initiative (NNI)</b>				
	FY 2016 Actual	FY 2017 (TBD)	FY 2018 Request	FY 2018 Request Change Over FY 2016 Actual	
				Amount	Percent
BIO	\$48.80	-	\$42.50	-\$6.30	-12.9%
CISE	13.55	-	12.10	-1.45	-10.7%
ENG	207.50	-	168.50	-39.00	-18.8%
GEO	0.30	-	-	-0.30	-100.0%
MPS	237.10	-	162.53	-74.57	-31.5%
SBE	0.53	-	0.40	-0.13	-24.5%
OISE	0.10	-	0.10	-	-
<b>R&amp;RA</b>	<b>\$507.88</b>	<b>-</b>	<b>\$386.13</b>	<b>-\$121.75</b>	<b>-24.0%</b>
<b>EHR</b>	<b>\$2.50</b>	<b>-</b>	<b>\$2.50</b>	<b>-</b>	<b>-</b>
<b>NSF Total</b>	<b>\$510.38</b>	<b>-</b>	<b>\$388.63</b>	<b>-\$121.75</b>	<b>-23.9%</b>

	<b>Networking &amp; Information Technology R&amp;D (NITRD)</b>				
	FY 2016 Actual	FY 2017 (TBD)	FY 2018 Request	FY 2018 Request Change Over FY 2016 Actual	
				Amount	Percent
BIO	\$99.00	-	\$69.00	-\$30.00	-30.3%
CISE	933.76	-	838.92	-94.84	-10.2%
ENG	29.50	-	23.25	-6.25	-21.2%
GEO	24.00	-	22.00	-2.00	-8.3%
MPS	94.75	-	76.50	-18.25	-19.3%
SBE	28.14	-	22.71	-5.43	-19.3%
<b>R&amp;RA</b>	<b>\$1,209.15</b>	<b>-</b>	<b>\$1,052.38</b>	<b>-\$156.77</b>	<b>-13.0%</b>
<b>EHR</b>	<b>\$9.50</b>	<b>-</b>	<b>\$9.50</b>	<b>-</b>	<b>-</b>
<b>NSF Total</b>	<b>\$1,218.65</b>	<b>-</b>	<b>\$1,061.88</b>	<b>-\$156.77</b>	<b>-12.9%</b>

	<b>U.S. Global Change Research Program (USGCRP)</b>				
	FY 2016 Actual	FY 2017 (TBD)	FY 2018 Request	FY 2018 Request Change Over FY 2016 Actual	
				Amount	Percent
BIO	\$103.63	-	\$94.00	-\$9.63	-9.3%
GEO	185.94	-	140.00	-45.94	-24.7%
MPS	8.00	-	-	-8.00	-100.0%
SBE	17.98	-	14.98	-3.00	-16.7%
OPP	15.15	-	15.15	-	-
<b>R&amp;RA</b>	<b>\$330.70</b>	<b>-</b>	<b>\$264.13</b>	<b>-\$66.57</b>	<b>-20.1%</b>
<b>EHR</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>N/A</b>
<b>NSF Total</b>	<b>\$330.70</b>	<b>-</b>	<b>\$264.13</b>	<b>-\$66.57</b>	<b>-20.1%</b>

**This page is intentionally left blank.**