

**NATIONAL SCIENCE FOUNDATION
NSF ADMINISTRATION PRIORITIES SUMMARY
FY 2022 BUDGET REQUEST TO CONGRESS**

(Dollars in Millions)

	Advanced Manufacturing					Advanced Wireless				
	FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate		FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate	
				Amount	Percent				Amount	Percent
BIO	\$8.48	\$7.16	\$17.16	\$10.00	139.7%	-	-	-	-	N/A
CISE	42.37	42.22	42.22	-	-	88.76	88.76	93.26	4.50	5.1%
ENG	127.99	117.37	174.37	57.00	48.6%	24.36	23.45	25.80	2.35	10.0%
GEO	-	-	-	-	N/A	-	-	-	-	N/A
MPS	160.62	123.03	123.13	0.10	0.1%	17.00	17.00	17.00	-	-
SBE	0.75	0.50	3.50	3.00	600.0%	-	-	-	-	N/A
TIP ¹	26.58	24.63	54.63	30.00	121.8%	0.60	0.55	30.55	30.00	5454.5%
OISE	0.50	0.50	0.50	-	-	-	-	-	-	N/A
OPP	-	-	-	-	N/A	-	-	-	-	N/A
IA	5.06	1.00	1.00	-	-	-	-	-	-	N/A
R&RA	\$372.35	\$316.41	\$416.51	\$100.10	31.6%	\$130.72	\$129.76	\$166.61	\$36.85	28.4%
EHR	\$1.45	\$2.00	\$2.00	-	-	-	-	-	-	N/A
Total, NSF	\$373.80	\$318.41	\$418.51	\$100.10	31.4%	\$130.72	\$129.76	\$166.61	\$36.85	28.4%

	Artificial Intelligence					Biotechnology				
	FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate		FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate	
				Amount	Percent				Amount	Percent
BIO	\$13.78	\$20.00	\$20.00	-	-	\$110.00	\$110.00	\$130.00	\$20.00	18.2%
CISE	329.80	329.80	349.80	20.00	6.1%	9.04	6.00	6.00	-	-
ENG	91.47	87.15	95.80	8.65	9.9%	92.76	90.94	101.50	10.56	11.6%
GEO	5.00	5.00	5.00	-	-	8.00	10.00	10.00	-	-
MPS	71.67	62.48	71.67	9.19	14.7%	73.48	51.20	52.20	1.00	2.0%
SBE	16.04	14.59	19.59	5.00	34.3%	1.93	1.50	1.50	-	-
TIP ¹	67.66	61.55	121.55	60.00	97.5%	9.27	9.06	69.06	60.00	662.3%
OISE	-	-	-	-	N/A	-	-	-	-	N/A
OPP	-	-	-	-	N/A	2.11	1.60	2.00	0.40	25.0%
IA	2.97	1.00	1.00	-	-	1.95	1.00	1.00	-	-
R&RA	\$598.39	\$581.57	\$684.41	\$102.84	17.7%	\$308.54	\$281.30	\$373.26	\$91.96	32.7%
EHR	\$6.76	\$30.00	\$50.00	\$20.00	66.7%	\$16.07	\$9.00	\$9.00	-	-
Total, NSF	\$605.15	\$611.57	\$734.41	\$122.84	20.1%	\$324.61	\$290.30	\$382.26	\$91.96	31.7%

¹ FY 2020 and FY 2021 funding for TIP is shown for comparability across fiscal years.

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(Dollars in Millions)

	Clean Energy Technology					Microelectronics and Semiconductors				
	FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate		FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate	
				Amount	Percent				Amount	Percent
BIO	\$18.00	\$45.00	\$59.28	\$14.28	31.7%	\$3.00	-	-	-	N/A
CISE	18.50	23.50	31.12	7.62	32.4%	\$18.46	\$18.46	\$23.46	5.00	27.1%
ENG	113.54	123.03	178.57	55.54	45.1%	30.43	34.77	40.00	5.23	15.0%
GEO	-	-	-	-	N/A	-	-	-	-	N/A
MPS	92.62	90.00	118.56	28.56	31.7%	35.07	15.20	25.20	10.00	65.8%
SBE	-	-	-	-	N/A	-	-	-	-	N/A
TIP ¹	48.47	52.47	52.47	-	-	17.71	20.23	50.23	30.00	148.3%
OISE	-	-	-	-	N/A	-	-	-	-	N/A
OPP	-	-	-	-	N/A	-	-	-	-	N/A
IA	-	-	-	-	N/A	-	-	-	-	N/A
R&RA	\$291.13	\$334.00	\$440.00	\$106.00	31.7%	\$104.67	\$88.66	\$138.89	\$50.23	56.7%
EHR	-	-	-	-	N/A	-	-	-	-	N/A
Total, NSF	\$291.13	\$334.00	\$440.00	\$106.00	31.7%	\$104.67	\$88.66	\$138.89	\$50.23	56.7%

	Quantum Information Science					U.S. Global Change Research Program				
	FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate		FY 2020 Actual	FY 2021 Estimate	FY 2022 Request	FY 2022 Request change over FY 2021 Estimate	
				Amount	Percent				Amount	Percent
BIO	\$3.28	\$3.28	\$3.28	-	-	\$90.00	\$145.00	\$212.15	\$67.15	46.3%
CISE	17.59	19.28	24.28	5.00	25.9%	-	-	-	-	N/A
ENG	23.83	27.89	32.89	5.00	17.9%	-	-	-	-	N/A
GEO	-	-	-	-	N/A	294.17	329.23	481.70	152.47	46.3%
MPS	125.46	136.13	146.13	10.00	7.3%	-	10.00	14.63	4.63	46.3%
SBE	0.37	-	-	-	N/A	19.61	17.18	25.14	7.96	46.3%
TIP ¹	15.47	18.42	48.42	30.00	162.9%	-	-	-	-	N/A
OISE	2.21	1.00	1.00	-	-	-	-	-	-	N/A
OPP	-	-	-	-	N/A	15.40	19.40	28.38	8.98	46.3%
IA	2.33	-	-	-	N/A	-	-	-	-	N/A
R&RA	\$190.54	\$206.00	\$256.00	\$50.00	24.3%	\$419.18	\$520.81	\$762.00	\$241.19	46.3%
EHR	\$3.98	\$4.00	\$4.00	-	-	-	-	-	-	N/A
Total, NSF	\$194.52	\$210.00	\$260.00	\$50.00	23.8%	\$419.18	\$520.81	\$762.00	\$241.19	46.3%

¹ FY 2020 and FY 2021 funding for TIP is shown for comparability across fiscal years.