

Summary Tables

NATIONAL SCIENCE FOUNDATION
 NETWORKING AND INFORMATION TECHNOLOGY R&D SUMMARY
 FY 2020 BUDGET REQUEST TO CONGRESS

(Dollars in Millions)

	BIO	CISE	ENG	GEO	MPS	SBE	RRA	EHR	Total, NSF
Total, FY 2018 Actual	\$93.50	\$960.80	\$32.59	\$24.00	\$152.34	\$22.84	\$1,286.07	\$9.50	\$1,295.57
Artificial Intelligence	15.00	133.21	10.57	-	25.51	0.22	184.51	-	184.51
Computing-Enabled Human Interaction, Communications, Augmentation	18.00	67.17	6.86	-	2.53	10.29	104.85	-	104.85
Computing-Enabled Networked Physical Systems	1.00	63.08	3.64	-	-	-	67.72	-	67.72
Cyber Security & Privacy	-	97.86	-	-	0.11	6.02	103.99	-	103.99
Education and Workforce	6.00	60.01	-	-	-	-	66.01	9.50	75.51
Enabling-R&D for High-Capability Computing System	-	100.77	-	-	77.40	-	178.17	-	178.17
High Capability Computing Infrastructure and Applications	2.50	109.19	-	24.00	42.15	-	177.84	-	177.84
Intelligent Robotics and Autonomous Systems	-	30.11	8.10	-	-	-	38.21	-	38.21
Large-Scale Data Management and Analysis	36.50	117.62	3.42	-	4.64	4.98	167.16	-	167.16
Large Scale Networking	-	128.05	-	-	-	-	128.05	-	128.05
Software Productivity, Sustainability and Quality	14.50	53.73	-	-	-	1.33	69.56	-	69.56
Delta from FY 2018 Actual to FY 2020 Request	-\$14.50	-\$77.76	\$0.76	-\$4.00	-\$2.87	\$0.13	-\$98.24	-	-\$98.24
Artificial Intelligence	-3.00	5.37	0.18	-	6.82	-	9.37	-	9.37
Computing-Enabled Human Interaction, Communications, Augmentation	-18.00	-5.67	-0.11	-	-2.53	-1.38	-27.69	-	-27.69
Computing-Enabled Networked Physical Systems	-	-5.33	-0.04	-	-	-	-5.37	-	-5.37
Cyber Security & Privacy	-	-7.66	1.00	-	0.89	-2.02	-7.79	-	-7.79
Education and Workforce	-	-19.81	-	-	-	-	-19.81	-	-19.81
Enabling-R&D for High-Capability Computing System	-	-8.47	-	-	-10.40	-	-18.87	-	-18.87
High Capability Computing Infrastructure and Applications	-	-9.19	-	-4.00	-4.15	-	-17.34	-	-17.34
Intelligent Robotics and Autonomous Systems	-	-2.35	0.15	-	-	-	-2.20	-	-2.20
Large-Scale Data Management and Analysis	6.50	-9.32	-0.42	-	6.50	2.94	6.20	-	6.20
Large Scale Networking	-	-10.80	-	-	-	-	-10.80	-	-10.80
Software Productivity, Sustainability and Quality	-	-4.53	-	-	-	0.59	-3.94	-	-3.94
Total, FY 2020 Request	\$79.00	\$883.04	\$33.35	\$20.00	\$149.47	\$22.97	\$1,187.83	\$9.50	\$1,197.33
Artificial Intelligence	12.00	138.58	10.75	-	32.33	0.22	193.88	-	193.88
Computing-Enabled Human Interaction, Communications, Augmentation	-	61.50	6.75	-	-	8.91	77.16	-	77.16
Computing-Enabled Networked Physical Systems	1.00	57.75	3.60	-	-	-	62.35	-	62.35
Cyber Security & Privacy	-	90.20	1.00	-	1.00	4.00	96.20	-	96.20
Education and Workforce	6.00	40.20	-	-	-	-	46.20	9.50	55.70
Enabling-R&D for High-Capability Computing System	-	92.30	-	-	67.00	-	159.30	-	159.30
High Capability Computing Infrastructure and Applications	2.50	100.00	-	20.00	38.00	-	160.50	-	160.50
Intelligent Robotics and Autonomous Systems	-	27.76	8.25	-	-	-	36.01	-	36.01
Large-Scale Data Management and Analysis	43.00	108.30	3.00	-	11.14	7.92	173.36	-	173.36
Large Scale Networking	-	117.25	-	-	-	-	117.25	-	117.25
Software Productivity, Sustainability and Quality	14.50	49.20	-	-	-	1.92	65.62	-	65.62