

Summary Tables

**NATIONAL SCIENCE FOUNDATION
NETWORKING AND INFORMATION TECHNOLOGY R&D SUMMARY
FY 2019 BUDGET REQUEST TO CONGRESS
(Dollars in Millions)**

	BIO	CISE	ENG	GEO	MPS	SBE	RRA	EHR	Total, NSF
Total, FY 2017 Actual	\$99.00	\$935.93	\$15.82	\$24.00	\$125.24	\$28.23	\$1,228.22	\$9.50	\$1,237.72
Computing-Enabled Human Interaction, Communications, Augmentation	-	80.52	-	-	-	13.24	93.76	-	93.76
Computing-Enabled Networked Physical Systems	1.00	75.88	-	-	-	-	76.88	-	76.88
Cyber Security & Privacy	-	104.39	3.61	-	1.03	5.74	114.77	-	114.77
Education and Workforce	6.00	61.91	-	-	-	-	67.91	9.50	77.41
Enabling-R&D for High-Capability Computing System	-	109.88	-	-	42.02	-	151.90	-	151.90
High Capability Computing Infrastructure and Applications	2.50	120.08	-	24.00	70.89	-	217.47	-	217.47
Intelligent Robotics and Autonomous Systems	-	35.20	7.21	-	-	-	42.41	-	42.41
Large-Scale Data Management and Analysis	69.50	147.62	5.00	-	11.30	6.95	240.37	-	240.37
Large Scale Networking	-	136.80	-	-	-	-	136.80	-	136.80
Software Productivity, Sustainability and Quality	20.00	63.65	-	-	-	2.30	85.95	-	85.95
Delta from FY 2017 Actual to FY 2019 Request	-\$32.00	-\$10.51	\$7.43	-\$2.00	-\$43.10	-\$5.52	-\$85.70	-	-\$85.70
Computing-Enabled Human Interaction, Communications, Augmentation	-	-3.82	-	-	-	-3.86	-7.68	-	-7.68
Computing-Enabled Networked Physical Systems	-	-3.60	9.00	-	-	-	5.40	-	5.40
Cyber Security & Privacy	-	-4.95	-2.61	-	0.97	-1.74	-8.33	-	-8.33
Education and Workforce	-	0.92	-	-	-	-	0.92	-	0.92
Enabling-R&D for High-Capability Computing System	-	-5.21	-	-	-25.02	-	-30.23	-	-30.23
High Capability Computing Infrastructure and Applications	-	-5.69	-	-2.00	-18.89	-	-26.58	-	-26.58
Intelligent Robotics and Autonomous Systems	-	-1.67	1.04	-	-	-	-0.63	-	-0.63
Large-Scale Data Management and Analysis	-26.50	23.01	-	-	-0.16	0.24	-3.41	-	-3.41
Large Scale Networking	-	-6.48	-	-	-	-	-6.48	-	-6.48
Software Productivity, Sustainability and Quality	-5.50	-3.02	-	-	-	-0.16	-8.68	-	-8.68
Total, FY 2019 Request	\$67.00	\$925.42	\$23.25	\$22.00	\$82.14	\$22.71	\$1,142.52	\$9.50	\$1,152.02
Computing-Enabled Human Interaction, Communications, Augmentation	-	76.70	-	-	-	9.38	86.08	-	86.08
Computing-Enabled Networked Physical Systems	1.00	72.28	9.00	-	-	-	82.28	-	82.28
Cyber Security & Privacy	-	99.44	1.00	-	2.00	4.00	106.44	-	106.44
Education and Workforce	6.00	62.83	-	-	-	-	68.83	9.50	78.33
Enabling-R&D for High-Capability Computing System	-	104.67	-	-	17.00	-	121.67	-	121.67
High Capability Computing Infrastructure and Applications	2.50	114.39	-	22.00	52.00	-	190.89	-	190.89
Intelligent Robotics and Autonomous Systems	-	33.53	8.25	-	-	-	41.78	-	41.78
Large-Scale Data Management and Analysis	43.00	170.63	5.00	-	11.14	7.19	236.96	-	236.96
Large Scale Networking	-	130.32	-	-	-	-	130.32	-	130.32
Software Productivity, Sustainability and Quality	14.50	60.63	-	-	-	2.14	77.27	-	77.27