

The Chart Page

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Funding for Critical Technologies

(in \$ millions)

Technology	Actual Budget FY 1987-91	Budget Request FY '91	Actual Budget FY '91	Budget Requests by Fiscal Year					
				'92	'93	'94	'95	'96	'97
Software Engineering	384	115	133	149	148	153	155	156	157
High Performance Computing	414	80	108	172	219	273	301	349	350
Machine Intelligence & Robotics	551	116	162	146	142	145	144	144	143
Simulation & Modeling	1,230	202	300	334	343	340	335	344	344
Photonics	710	75	167	186	190	180	179	190	173
Sensitive Radars	669	110	169	196	201	192	188	191	192
Passive Sensors	2,065	460	428	530	554	523	512	514	509
Signal & Image Processing	753	130	221	235	230	232	234	240	219
Signature Control (unclassified only)	572	120	120	109	102	89	87	86	88
Weapon System Environment	929	180	213	232	238	246	249	252	260
Data Fusion	288	50	96	106	109	108	98	98	93
Computational Fluid Dynamics	428	55	118	94	95	99	101	105	108
Air-Breathing Propulsion	968	180	227	224	211	185	190	193	201
Pulsed Power	541	95	95	76	76	81	80	80	82
Hypervelocity Projectiles & Propulsion	710	120	153	183	205	201	200	197	196
High-Energy-Density Materials	409	76	82	84	86	95	93	96	98
Composite Materials	1,089	170	204	193	197	211	218	224	229
Superconductivity	345	88	58	56	51	54	54	55	57
Biotechnology	79	100	69	65	66	68	69	71	72
Flexible Manufacturing	105	17	27	25	28	29	31	32	31
Semiconductor Materials & Micro-electronic Circuits	1,955	370	534	479	481	487	488	490	510
Planned Total Funding for Defense Critical Technologies—S&T with SDIO	15,194	2,909	3,684	3,874	3,972	3,991	4,006	4,107	4,112
Projected Total Funding for all Technology Development Activities—S&T and SDIO	NA	9,784	9,048	11,095	11,413	11,749	11,501	10,895	10,542

The Defense Department annually identifies for Congress the technologies that are "essential for maintaining the qualitative superiority of US weapon systems." These figures incorporate relevant funding from the DoD Science & Technology program, including the Strategic Defense Initiative Organization. Funding levels are not adjusted for inflation.

Source: DoD's Critical Technologies Plan, May 1, 1991.