

# Department of Defense Spending Chart

<u>Agency/Account</u>	<u>Program Element (PE) (\$ in Thousands)</u>	<u>FY17 Enacted</u>	<u>FY18 PBR</u>	<u>FY18 Enacted</u>	<u>FY18 Enacted- FY17 Enacted</u>	<u>FY18 Enacted - FY 18 PBR</u>	<u>FY19 PBR</u>	<u>FY19 PBR - FY 18 Enacted</u>	<u>FY19 CNSR Request</u>
	<i>DOD RDT&amp;E</i>	\$72,301,587	\$82,716,636	\$88,308,133	22.1%	6.8%	\$90,616,098	2.6%	N/A
	<i>DOD 6.1 Basic Research</i>	\$2,276,332	\$2,228,529	\$2,343,154	2.9%	5.1%	\$2,269,206	-3.2%	\$2,370,710
	<i>DOD 6.2 Applied Research</i>	\$5,296,175	\$4,973,465	\$5,681,752	7.3%	14.2%	\$5,100,359	-10.2%	\$5,549,670
	<i>DOD 6.3 Advanced Technology Development</i>	\$6,438,722	\$5,997,183	\$6,838,098	6.2%	14.0%	\$6,292,102	-8.0%	\$6,696,271
	<i>DOD Science &amp; Technology (S&amp;T)</i>	\$14,011,229	\$13,199,177	\$14,863,004	6.1%	12.6%	\$13,661,667	-8.1%	\$14,616,651
<b>Army Basic Research Program Elements</b>									
Army RDT&E	Defense Research Sciences	\$293,116	\$263,590	\$273,590	-6.7%	3.8%	\$276,912	1.2%	\$304,841
Army RDT&E	University Research Initiatives	\$69,166	\$67,027	\$77,027	11.4%	14.9%	\$65,283	-15.2%	\$71,933
Army RDT&E	University and Industry Research Centers	\$112,280	\$87,395	\$107,395	-4.4%	22.9%	\$92,115	-14.2%	\$116,771
	<i>Army 6.1 Basic Research</i>	\$486,943	\$430,022	\$470,022	-3.5%	9.3%	\$445,895	-5.1%	N/A
<b>Army Applied Research Program Elements</b>									
Army RDT&E	Materials Technology	\$82,533	\$29,640	\$81,640	-1.1%	175.4%	\$28,600	-65.0%	General Support
Army RDT&E	Sensors and Electronic Survivability	\$51,109	\$35,730	\$81,230	58.9%	127.3%	\$32,366	-60.2%	General Support
Army RDT&E	Advanced Weapons Technology	\$53,803	\$22,785	\$37,785	-29.8%	65.8%	\$29,502	-21.9%	General Support
Army RDT&E	Advanced Concepts and Simulation	\$30,688	\$28,650	\$28,650	-6.6%	0.0%	\$28,500	-0.5%	General Support
Army RDT&E	Human Factors Engineering Technology	\$23,671	\$24,127	\$24,127	1.9%	0.0%	\$24,131	0.0%	General Support
Army RDT&E	Computer and Software Technology	\$13,811	\$14,041	\$14,041	1.7%	0.0%	\$14,958	6.5%	General Support
Army RDT&E	High Performance Computing Modernization	\$222,190	\$182,331	\$221,331	-0.4%	21.4%	\$183,322	-17.2%	General Support
	<i>Army 6.2 Applied Research</i>	\$1,220,274	\$889,182	\$1,369,382	12.2%	54.0%	\$919,609	-32.8%	N/A
	<i>Army 6.3 Advanced Technology Development</i>	\$1,360,065	\$1,070,977	\$1,478,677	8.7%	38.1%	\$1,026,698	-30.6%	N/A
	<i>Army Science &amp; Technology (S&amp;T)</i>	\$3,067,282	\$2,390,181	\$3,318,081	8.2%	38.8%	\$2,392,202	-27.9%	N/A
<b>Navy Basic Research Program Elements</b>									
Navy RDT&E	University Research Initiatives	\$121,714	\$118,130	\$144,130	18.4%	22.0%	\$119,433	-17.1%	\$139,495
Navy RDT&E	Defense Research Sciences	\$422,748	\$458,333	\$458,333	8.4%	0.0%	\$458,708	0.1%	\$477,056
	<i>Navy 6.1 Basic Research</i>	\$562,970	\$595,901	\$621,901	10.5%	4.4%	\$597,378	-3.9%	N/A
<b>Navy Applied Research Program Elements</b>									
Navy RDT&E	Marine Corps Land Force Technology	\$69,765	\$53,936	\$55,936	-19.8%	3.7%	\$59,607	6.6%	General Support
Navy RDT&E	Common Picture Applied Research	\$41,185	\$36,450	\$36,450	-11.5%	0.0%	\$36,348	-0.3%	General Support
Navy RDT&E	Warfighter Sustainment Applied Research	\$50,467	\$48,649	\$48,649	-3.6%	0.0%	\$56,197	15.5%	General Support
Navy RDT&E	Electromagnetic Systems Applied Research	\$120,941	\$79,598	\$85,598	-29.2%	7.5%	\$83,800	-2.1%	General Support
Navy RDT&E	Ocean Warfighting Environmental Applied Research	\$81,618	\$42,411	\$74,911	-8.2%	76.6%	\$42,998	-42.6%	General Support
Navy RDT&E	Future Naval Capabilities Applied Research	\$157,103	\$156,805	\$149,836	-4.6%	-4.4%	\$147,771	-1.4%	General Support
Navy RDT&E	Manufacturing Technology Program	\$56,712	\$57,797	\$67,797	19.5%	17.3%	\$58,657	-13.5%	General Support
Navy RDT&E	Advanced Undersea Prototyping	\$59,479	\$66,543	\$66,543	11.9%	0.0%	\$87,669	31.7%	General Support
	<i>Navy 6.2 Applied Research</i>	\$980,326	\$886,079	\$994,110	1.4%	12.2%	\$891,471	-10.3%	N/A
	<i>Navy 6.3 Advanced Technology Development</i>	\$823,888	\$686,342	\$816,707	-0.9%	19.0%	\$750,995	-8.0%	N/A
	<i>Navy Science &amp; Technology (S&amp;T)</i>	\$2,367,184	\$2,168,322	\$2,432,718	2.8%	12.2%	\$2,239,844	-7.9%	N/A
<b>Air Force Basic Research Program Elements</b>									
Air Force RDT&E	Defense Research Sciences	\$380,812	\$342,919	\$342,919	-10.0%	0.0%	\$348,322	1.6%	\$396,044
Air Force RDT&E	University Research Initiatives	\$150,044	\$147,923	\$162,923	8.6%	10.1%	\$154,991	-4.9%	\$161,191
Air Force RDT&E	High Energy Laser Research Initiatives	\$14,168	\$14,417	\$14,417	1.8%	0.0%	\$14,506	0.6%	\$15,086
	<i>Air Force 6.1 Basic Research</i>	\$545,024	\$505,259	\$520,259	-4.5%	3.0%	\$517,819	-0.5%	N/A
<b>Air Force Applied Research Program Elements</b>									
Air Force RDT&E	Materials	\$159,152	\$124,264	\$149,264	-6.2%	20.1%	\$125,373	-16.0%	General Support
Air Force RDT&E	Human Effectiveness Applied Research	\$111,647	\$108,784	\$133,284	19.4%	22.5%	\$112,518	-15.6%	General Support
Air Force RDT&E	Aerospace Sensors	\$162,674	\$152,782	\$159,282	-2.1%	4.3%	\$166,534	4.6%	General Support
Air Force RDT&E	Directed Energy Technology	\$127,163	\$132,993	\$132,993	4.6%	0.0%	\$141,898	6.7%	General Support
Air Force RDT&E	Dominant Information Sciences and Methods	\$166,650	\$167,818	\$194,318	16.6%	15.8%	\$162,420	-16.4%	General Support
Air Force RDT&E	High Energy Laser Research	\$42,300	\$43,049	\$43,049	1.8%	0.0%	\$43,359	0.7%	General Support
	<i>Air Force 6.2 Applied Research</i>	\$1,325,652	\$1,284,114	\$1,434,714	8.2%	11.7%	\$1,312,342	-8.5%	N/A
	<i>Air Force 6.3 Advanced Technology Development</i>	\$807,705	\$794,017	\$869,117	7.6%	9.5%	\$814,797	-6.3%	N/A
	<i>Air Force Science &amp; Technology (S&amp;T)</i>	\$2,678,381	\$2,583,390	\$2,824,090	5.4%	9.3%	\$2,644,958	-6.3%	N/A
<b>Defense-Wide Basic Research Program Elements</b>									
Defense-Wide RDT&E	DTRA Basic Research Initiatives	\$35,436	\$37,201	\$37,201	5.0%	0.0%	\$37,023	-0.5%	\$38,689

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Defense-Wide RDT&E	Basic Research Initiatives	\$68,154	\$40,612	\$40,612	-40.4%	0.0%	\$42,702	5.1%	\$70,880
Defense-Wide RDT&E	National Defense Education Program	\$79,345	\$74,298	\$103,298	30.2%	39.0%	\$85,919	-16.8%	\$107,430
	<i>Defense-Wide 6.1 Basic Research</i>	<i>\$681,395</i>	<i>\$697,347</i>	<i>\$730,972</i>	<i>7.3%</i>	<i>4.8%</i>	<i>\$708,114</i>	<i>-3.1%</i>	<i>N/A</i>
<b>Defense-Wide Applied Research Program Elements</b>									
Defense-Wide RDT&E	Cyber Security Research	\$12,183	\$14,775	\$14,775	21.3%	0.0%	\$14,969	1.3%	General Support
Defense-Wide RDT&E	Defense-Wide Manufacturing S&T Program	\$158,398	\$136,159	\$186,159	17.5%	36.7%	\$114,637	-38.4%	\$191,159
Defense-Wide RDT&E	Engineering Science and Technology	\$22,659	\$25,395	\$25,395	12.1%	0.0%	\$19,415	-23.5%	General Support
	<i>Defense-Wide 6.2 Applied Research</i>	<i>\$1,769,923</i>	<i>\$1,914,090</i>	<i>\$1,883,546</i>	<i>6.4%</i>	<i>-1.6%</i>	<i>\$1,976,937</i>	<i>5.0%</i>	<i>N/A</i>
	<i>Defense-Wide 6.3 Advanced Technology Development</i>	<i>\$3,447,064</i>	<i>\$3,445,847</i>	<i>\$3,673,597</i>	<i>6.6%</i>	<i>6.6%</i>	<i>\$3,699,612</i>	<i>0.7%</i>	<i>N/A</i>
	<i>Defense-Wide Science &amp; Technology (S&amp;T)</i>	<i>\$5,898,382</i>	<i>\$6,057,284</i>	<i>\$6,288,115</i>	<i>6.6%</i>	<i>3.8%</i>	<i>\$6,384,663</i>	<i>1.5%</i>	<i>N/A</i>
<b>DARPA Program Elements</b>									
<i>Defense-Wide DARPA</i>	<i>DARPA Total</i>	<i>\$2,889,036</i>	<i>\$3,170,390</i>	<i>\$3,071,586</i>	<i>6.3%</i>	<i>-3.1%</i>	<i>\$3,438,766</i>	<i>12.0%</i>	<i>Support Request</i>
<b>Medical Research Program Elements</b>									
Army RDT&E	Medical Technology	\$79,111	\$83,434	\$89,434	13.0%	7.2%	\$90,075	0.7%	General Support
Army RDT&E	Medical Advanced Technology	\$107,365	\$67,780	\$106,780	-0.5%	57.5%	\$62,496	-41.5%	General Support
Army RDT&E	Medical Systems Advanced Development	\$54,120	\$33,491	\$33,491	-38.1%	0.0%	\$34,284	2.4%	General Support
DHP RDT&E	Research, Development, Test and Evaluation Research	\$9,097	\$9,796	\$9,796	7.7%	0.0%	N/A	N/A	N/A
DHP RDT&E	Exploratory Development	\$58,517	\$64,881	\$64,881	10.9%	0.0%	N/A	N/A	N/A
DHP RDT&E	Undistributed Medical Research/Peer-Reviewed/CDMRPs	\$1,279,200	\$0	\$1,386,100	8.4%	N/A	\$0	-100.0%	\$1,330,368