Department of Defense Spending Chart

<u>PE Number</u>	Agency/Account	Program Element (PE) (\$ in Thousands)	FY18 Enacted	<u>FY19 PBR</u>	FY19 NDAA Conf. <u>Rept.</u>	FY19 HAC-D	<u>FY19 SAC-D</u>	FY19 Enacted	FY19 Enacted - FY18 Enacted
		DOD RDT&E	\$88,308,133	\$90,616,098	\$91,727,403	\$91,218,284	\$95,131,819	\$94,896,708	7.5%
		DOD 6.1 Basic Research	\$2,343,154	\$2,269,206	\$2,330,706	\$2,298,102	\$2,798,456	\$2,619,556	11.8%
		DOD 6.2 Applied Research	\$5,681,752	\$5,100,359	\$5,178,879	\$5,571,178	\$5,577,344	\$6,068,244	6.8%
		DOD 6.3 Advanced Technology Development	\$6,838,098	\$6,292,102	\$6,443,403	\$6,564,392	\$7,051,177	\$7,361,970	7.7%
		DOD Science & Technology (S&T)	\$14,863,004	\$13,661,667	\$13,952,988	\$14,433,672	\$15,426,977	\$16,049,770	8.0%
Army Basic Res	search Program Elements			, ,			, ,	1	
601102A	Army RDT&E	Defense Research Sciences	\$273,590	\$276,912	\$289,412	\$266,881	\$377,912	\$315,912	15.5%
601103A	Army RDT&E	University Research Initiatives	\$77,027	\$65,283	\$65,283	\$65,283	\$65,283	\$65,283	-15.2%
601104A	Army RDT&E	University and Industry Research Centers	\$107,395	\$92,115	\$97,115	\$98,492	\$127,865	\$114,115	6.3%
		Army 6.1 Basic Research	\$470,022	\$445,895	\$463,395	\$442,241	\$582,645	\$506,895	7.8%
Army Applied F	Research Program Element	is .				, i i i i i i i i i i i i i i i i i i i			
602105A	Army RDT&E	Materials Technology	\$81,640	\$28,600	\$29,600	\$53,600	\$58,600	\$83,600	2.4%
602120A	Army RDT&E	Sensors and Electronic Survivability	\$81,230	\$32,366	\$41,366	\$38,635	\$85,866	\$80,866	-0.4%
602307A	Army RDT&E	Advanced Weapons Technology	\$37,785	\$29,502	\$29,502	\$39,502	\$34,502	\$44,502	17.8%
602308A	Army RDT&E	Advanced Concepts and Simulation	\$28,650	\$28,500	\$28,500	\$28,500	\$28,500	\$28,500	-0.5%
602716A	Army RDT&E	Human Factors Engineering Technology	\$24,127	\$24,131	\$26,631	\$22,751	\$26,631	\$24,131	0.0%
602783A	Army RDT&E	Computer and Software Technology	\$14,041	\$14,958	\$14,958	\$14,958	\$14,958	\$14,958	6.5%
603461A	Army RDT&E	High Performance Computing Modernization	\$221,331	\$183,322	\$193,322	\$183,322	\$218,322	\$218,322	-1.4%
		Army 6.2 Applied Research	\$1,369,382	\$919,609	\$944,609	\$1,324,701	\$1,166,109	\$1,579,344	15.3%
		Army 6.3 Advanced Technology Development	\$1,478,677	\$1,026,698	\$1,083,198	\$1,159,984	\$1,494,535	\$1,586,818	7.3%
		Army Science & Technology (S&T)	\$3,318,081	\$2,392,202	\$2,491,202	\$2,926,926	\$3,243,289	\$3,673,057	10.7%
Navy Basic Rese	earch Program Elements								
601103N	Navy RDT&E	University Research Initiatives	\$144,130	\$119,433	\$134,433	\$141,433	\$154,433	\$161,433	12.0%
601153N	Navy RDT&E	Defense Research Sciences	\$458,333	\$458,708	\$468,708	\$458,708	\$564,208	\$499,208	8.9%
		Navy 6.1 Basic Research	\$621,901	\$597,378	\$622,378	\$619,378	\$737,878	\$679,878	9.3%
Navy Applied R	Research Program Elements	5							
602131M	Navy RDT&E	Marine Corps Land Force Technology	\$55,936	\$59,607	\$59,607	\$56,212	\$66,607	\$63,212	13.0%
602235N	Navy RDT&E	Common Picture Applied Research	\$36,450	\$36,348	\$36,348	\$36,348	\$36,348	\$36,348	-0.3%
602236	Navy RDT&E	Warfighter Sustainment Applied Research	\$48,649	\$56,197	\$54,717	\$59,217	\$61,282	\$65,782	35.2%
602271N	Navy RDT&E	Electromagnetic Systems Applied Research	\$85,598	\$83,800	\$83,800	\$76,623	\$83,800	\$76,623	-10.5%
602435N	Navy RDT&E	Ocean Warfighting Environmental Applied Research	\$74,911	\$42,998	\$42,998	\$57,998	\$79,998	\$89,998	20.1%
602750N	Navy RDT&E	Future Naval Capabilities Applied Research	\$149,836	\$147,771	\$147,771	\$132,993	\$147,771	\$137,701	-8.1%
603680N	Navy RDT&E	Manufacturing Technology Program	\$67,797	\$58,657	\$58,657	\$58,657	\$58,657	\$58,657	-13.5%
0604536N	Navy RDT&E	Advanced Undersea Prototyping	\$66,543	\$87,669	\$87,669	\$72,169	\$112,669	\$112,669	69.3%
		Navy 6.2 Applied Research	\$994,110	\$891,471	\$912,491	\$889,198	\$1,027,056	\$1,018,971	2.5%
		Navy 6.3 Advanced Technology Development	\$816,707	\$750,995	\$790,296	\$742,253	\$901,810	\$852,820	4.4%
		Navy Science & Technology (S&T)	\$2,432,718	\$2,239,844	\$2,325,165	\$2,250,829	\$2,666,744	\$2,551,669	4.9%
Air Force Basic	Research Program Elemen	<u>nts</u>							
601102F	Air Force RDT&E	Defense Research Sciences	\$342,919	\$348,322	\$353,322	\$348,322	\$448,322	\$383,322	11.8%
601103F	Air Force RDT&E	University Research Initiatives	\$162,923	\$154,991	\$154,991	\$154,991	\$179,991	\$164,991	1.3%
601108F	Air Force RDT&E	High Energy Laser Research Initiatives	\$14,417	\$14,506	\$14,506	\$13,056	\$14,506	\$13,056	-9.4%
		Air Force 6.1 Basic Research	\$520,259	\$517,819	\$522,819	\$516,369	\$642,819	\$651,369	25.2%
	ied Research Program Elen			_					
602102F	Air Force RDT&E	Materials	\$149,264	\$125,373	\$142,373	\$150,373	\$161,373	\$181,373	21.5%
602202F	Air Force RDT&E	Human Effectiveness Applied Research	\$133,284	\$112,518	\$112,518	\$117,518	\$114,018	\$119,018	-10.7%
602204F	Air Force RDT&E	Aerospace Sensors	\$159,282	\$166,534	\$166,534	\$166,534	\$171,534	\$171,534	7.7%
602605F	Air Force RDT&E	Directed Energy Technology	\$132,993	\$141,898	\$141,898	\$141,898	\$141,898	\$141,898	6.7%
602788F	Air Force RDT&E	Dominant Information Sciences and Methods	\$194,318	\$162,420	\$172,420	\$172,420	\$175,420	\$185,420	-4.6%
602890F	Air Force RDT&E	High Energy Laser Research	\$43,049	\$43,359	\$45,859	\$43,359	\$45,859	\$43,359	0.7%
		Air Force 6.2 Applied Research	\$1,434,714	\$1,312,342	\$1,356,842	\$1,384,342	\$1,430,342	\$1,481,342	3.2%
		Air Force 6.3 Advanced Technology Development	\$869,117	\$814,797	\$857,297	\$865,797	\$919,097	\$929,597	7.0%
		Air Force Science & Technology (S&T)	\$2,824,090	\$2,644,958	\$2,736,958	\$2,766,508	\$2,992,258	\$3,062,308	8.4%
	Basic Research Program Ele		-	-	1			1	
6010000BR	Defense-Wide RDT&E	DTRA Basic Research Initiatives	\$37,201	\$37,023	\$37,023	\$37,023	\$37,023	\$37,023	-0.5%

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601110D8Z	Defense-Wide RDT&E	Basic Research Initiatives	\$40,612	\$42,702	\$42,702	\$44,702	\$54,702	\$56,702	39.6%
601120D8Z	Defense-Wide RDT&E	National Defense Education Program	\$103,298	\$85,919	\$85,919	\$85,919	\$200,919	\$135,919	31.6%
		Defense-Wide 6.1 Basic Research	\$730,972	\$708,114	\$722,114	\$720,114	\$835,114	\$781,414	6.9%
Defense-Wide A	pplied Research Program	Elements							
602668D8Z	Defense-Wide RDT&E	Cyber Security Research	\$14,775	\$14,969	\$14,969	\$14,696	\$14,969	\$14,969	1.3%
603680D8z	Defense-Wide RDT&E	Defense-Wide Manufacturing S&T Program	\$186,159	\$114,637	\$114,637	\$114,637	\$159,887	\$174,887	-6.1%
603833D8Z	Defense-Wide RDT&E	Engineering Science and Technology	\$25,395	\$19,415	\$19,415	\$19,415	\$19,415	\$19,415	-23.5%
		Defense-Wide 6.2 Applied Research	\$1,883,546	\$1,976,937	\$1,964,937	\$1,972,937	\$1,953,837	\$1,988,587	5.6%
		Defense-Wide 6.3 Advanced Technology Development	\$3,673,597	\$3,699,612	\$3,712,612	\$3,796,358	\$3,735,735	\$3,992,735	8.7%
		Defense-Wide Science & Technology (S&T)	\$6,288,115	\$6,384,663	\$6,399,663	\$6,489,409	\$6,524,686	\$6,762,736	7.5%
DARPA Program	m Elements								
	Defense-Wide DARPA	DARPA Total	\$3,071,586	\$3,438,766	\$3,441,766	\$3,388,766	\$3,446,639	\$3,432,189	11.7%
Medical Researc	ch Program Elements			_					
602787A	Army RDT&E	Medical Technology	\$89,434	\$90,075	\$90,075	\$47,566	\$90,075	\$92,075	3.0%
603002A	Army RDT&E	Medical Advanced Technology	\$106,780	\$62,496	\$62,496	\$101,496	\$70,496	\$101,496	-4.9%
603807A	Army RDT&E	Medical Systems Advanced Development	\$33,491	\$34,284	\$34,284	\$34,284	\$37,284	\$39,284	17.3%
	DHP RDT&E	Research, Development, Test and Evaluation Research	\$9,796	\$11,386	\$11,386	\$11,386	\$11,386	\$11,386	16.2%
	DHP RDT&E	Exploratory Development	\$64,881	\$75,010	\$75,010	\$75,010	\$75,010	\$75,010	15.6%
	DHP RDT&E	Undistributed Medical Research/Peer-Reviewed/CDMRPs	\$1,386,100	\$0	N/A	\$752,600	\$963,200	\$1,470,300	6.1%