

Department of Defense (DOD) Budget-Approps Chart

Agency/Account	Program Element (PE) (\$ in Thousands)	FY19 Enacted	FY20 PBR	FY20 HAC-D	FY20 SAC-D	FY20 SAC-D - FY19 Enacted	FY20 SAC-D - FY20 PBR	FY20 SAC-D - FY19 Enacted	FY20 SAC-D - FY20 PBR
	DOD RDT&E	\$94,896,708	\$102,647,545	\$100,691,612	\$104,282,139	9.9%	1.6%	\$9,385,431	\$1,634,594
	<i>DOD 6.1 Basic Research</i>	<i>\$2,529,556</i>	<i>\$2,320,019</i>	<i>\$2,508,345</i>	<i>\$2,627,839</i>	<i>3.9%</i>	<i>13.3%</i>	<i>\$98,283</i>	<i>\$307,820</i>
	<i>DOD 6.2 Applied Research</i>	<i>\$6,068,244</i>	<i>\$5,317,204</i>	<i>\$5,556,120</i>	<i>\$5,975,570</i>	<i>-1.5%</i>	<i>12.4%</i>	<i>-\$92,674</i>	<i>\$658,366</i>
	<i>DOD 6.3 Advanced Technology Development</i>	<i>\$7,361,970</i>	<i>\$6,497,773</i>	<i>\$6,778,754</i>	<i>\$7,095,353</i>	<i>-3.6%</i>	<i>9.2%</i>	<i>-\$266,617</i>	<i>\$597,580</i>
	<i>DOD Science & Technology (S&T)</i>	<i>\$15,959,770</i>	<i>\$14,134,996</i>	<i>\$14,843,219</i>	<i>\$15,698,762</i>	<i>-1.6%</i>	<i>11.1%</i>	<i>-\$261,008</i>	<i>\$1,563,766</i>
Army Basic Research Program Elements									
Army RDT&E	Defense Research Sciences	\$315,912	\$297,976	\$323,480	\$391,976	24.1%	31.5%	\$76,064	\$94,000
Army RDT&E	University Research Initiatives	\$65,283	\$65,858	\$87,858	\$65,858	0.0%	0.0%	\$575	\$0
Army RDT&E	University and Industry Research Centers	\$114,115	\$86,164	\$111,164	\$114,164	0.0%	32.5%	\$49	\$28,000
Army RDT&E	Cyber Collaborative Research Alliance	N/A	\$4,982	\$4,982	\$4,982	N/A	0.0%	N/A	\$0
	<i>Army 6.1 Basic Research</i>	<i>\$506,895</i>	<i>\$454,980</i>	<i>\$527,484</i>	<i>\$576,980</i>	<i>13.8%</i>	<i>26.8%</i>	<i>\$70,085</i>	<i>\$122,000</i>
Army Applied Research Program Elements									
Army RDT&E	Lethality Technology	N/A	\$26,961	\$41,961	\$61,961	N/A	129.8%	N/A	\$35,000
Army RDT&E	Soldier Lethality Technology	N/A	\$115,274	\$123,900	\$137,774	N/A	19.5%	N/A	\$22,500
Army RDT&E	Ground Technology	N/A	\$35,199	\$51,399	\$137,699	N/A	291.2%	N/A	\$102,500
Army RDT&E	Next Generation Combat Vehicle Technology	N/A	\$219,047	\$246,047	\$245,047	N/A	11.9%	N/A	\$26,000
Army RDT&E	High Performance Computing Modernization	\$218,322	\$184,755	\$194,755	\$224,755	2.9%	21.7%	\$6,433	\$40,000
	<i>Army 6.2 Applied Research</i>	<i>\$1,579,344</i>	<i>\$893,990</i>	<i>\$1,033,816</i>	<i>\$1,202,248</i>	<i>-23.9%</i>	<i>34.5%</i>	<i>-\$377,096</i>	<i>\$308,258</i>
	<i>Army 6.3 Advanced Technology Development</i>	<i>\$1,586,818</i>	<i>\$1,099,564</i>	<i>\$1,253,064</i>	<i>\$1,453,016</i>	<i>-8.4%</i>	<i>32.1%</i>	<i>-\$133,802</i>	<i>\$353,452</i>
	<i>Army Science & Technology (S&T)</i>	<i>\$3,673,057</i>	<i>\$2,448,534</i>	<i>\$2,814,364</i>	<i>\$3,232,244</i>	<i>-12.0%</i>	<i>32.0%</i>	<i>-\$440,813</i>	<i>\$783,710</i>
Navy Basic Research Program Elements									
Navy RDT&E	University Research Initiatives	\$161,433	\$116,850	\$151,850	\$137,850	-14.6%	18.0%	-\$23,583	\$21,000
Navy RDT&E	Defense Research Sciences	\$499,208	\$470,007	\$458,329	\$525,507	5.3%	11.8%	\$26,299	\$55,500
	<i>Navy 6.1 Basic Research</i>	<i>\$679,878</i>	<i>\$605,978</i>	<i>\$629,300</i>	<i>\$682,478</i>	<i>0.4%</i>	<i>12.6%</i>	<i>\$2,600</i>	<i>\$76,500</i>
Navy Applied Research Program Elements									
Navy RDT&E	Marine Corps Land Force Technology	\$63,212	\$56,604	\$61,604	\$64,104	1.4%	13.2%	\$892	\$7,500
Navy RDT&E	Common Picture Applied Research	\$36,348	\$49,297	\$42,846	\$49,297	35.6%	0.0%	\$12,949	\$0
Navy RDT&E	Warfighter Sustainment Applied Research	\$65,782	\$63,825	\$63,825	\$86,825	32.0%	36.0%	\$21,043	\$23,000
Navy RDT&E	Electromagnetic Systems Applied Research	\$76,623	\$83,497	\$83,497	\$88,497	15.5%	6.0%	\$11,874	\$5,000
Navy RDT&E	Ocean Warfighting Environmental Applied Research	\$89,998	\$63,894	\$78,894	\$82,082	-8.8%	28.5%	-\$7,916	\$18,188
Navy RDT&E	Future Naval Capabilities Applied Research	\$137,701	\$154,755	\$150,572	\$156,195	13.4%	0.9%	\$18,494	\$1,440
Navy RDT&E	Manufacturing Technology Program	\$58,657	\$60,138	\$60,138	\$65,138	11.0%	8.3%	\$6,481	\$5,000
Navy RDT&E	Advanced Undersea Prototyping	\$112,669	\$181,967	\$164,437	\$201,967	79.3%	11.0%	\$89,298	\$20,000
	<i>Navy 6.2 Applied Research</i>	<i>\$1,018,971</i>	<i>\$936,453</i>	<i>\$984,650</i>	<i>\$1,168,904</i>	<i>14.7%</i>	<i>24.8%</i>	<i>\$149,933</i>	<i>\$232,451</i>
	<i>Navy 6.3 Advanced Technology Development</i>	<i>\$852,820</i>	<i>\$742,210</i>	<i>\$756,173</i>	<i>\$780,610</i>	<i>-8.5%</i>	<i>5.2%</i>	<i>-\$72,210</i>	<i>\$38,400</i>
	<i>Navy Science & Technology (S&T)</i>	<i>\$2,551,669</i>	<i>\$2,284,641</i>	<i>\$2,370,123</i>	<i>\$2,631,992</i>	<i>3.1%</i>	<i>15.2%</i>	<i>\$80,323</i>	<i>\$347,351</i>
Air Force Basic Research Program Elements									
Air Force RDT&E	Defense Research Sciences	\$383,322	\$356,107	\$356,107	\$406,107	5.9%	14.0%	\$22,785	\$50,000
Air Force RDT&E	University Research Initiatives	\$164,991	\$158,859	\$178,859	\$158,859	-3.7%	0.0%	-\$6,132	\$0
Air Force RDT&E	High Energy Laser Research Initiatives	\$13,056	\$14,795	\$14,795	\$14,795	0.0%	0.0%	\$1,739	\$0
	<i>Air Force 6.1 Basic Research</i>	<i>\$561,369</i>	<i>\$529,761</i>	<i>\$549,761</i>	<i>\$579,761</i>	<i>3.3%</i>	<i>9.4%</i>	<i>\$18,392</i>	<i>\$50,000</i>
Air Force Applied Research Program Elements									
Air Force RDT&E	Materials	\$181,373	\$128,851	\$145,851	\$210,351	16.0%	63.3%	\$28,978	\$81,500
Air Force RDT&E	Human Effectiveness Applied Research	\$119,018	\$131,795	\$131,795	\$134,795	13.3%	2.3%	\$15,777	\$3,000
Air Force RDT&E	Aerospace Sensors	\$171,534	\$202,912	\$211,912	\$214,912	25.3%	5.9%	\$43,378	\$12,000
Air Force RDT&E	Directed Energy Technology	\$141,898	\$124,379	\$124,379	\$124,379	-12.3%	0.0%	-\$17,519	\$0
Air Force RDT&E	Dominant Information Sciences and Methods	\$185,420	\$181,562	\$186,562	\$211,062	13.8%	16.2%	\$25,642	\$29,500
Air Force RDT&E	High Energy Laser Research	\$43,359	\$44,221	\$44,221	\$49,221	13.5%	11.3%	\$5,862	\$5,000
	<i>Air Force 6.2 Applied Research</i>	<i>\$1,481,342</i>	<i>\$1,435,626</i>	<i>\$1,492,626</i>	<i>\$1,627,626</i>	<i>9.9%</i>	<i>13.4%</i>	<i>\$146,284</i>	<i>\$192,000</i>
	<i>Air Force 6.3 Advanced Technology Development</i>	<i>\$929,597</i>	<i>\$839,153</i>	<i>\$983,653</i>	<i>\$1,071,253</i>	<i>15.2%</i>	<i>27.7%</i>	<i>\$141,656</i>	<i>\$232,100</i>
	<i>Air Force Science & Technology (S&T)</i>	<i>\$2,972,308</i>	<i>\$2,804,540</i>	<i>\$3,026,040</i>	<i>\$3,278,640</i>	<i>10.3%</i>	<i>16.9%</i>	<i>\$306,332</i>	<i>\$474,100</i>
Defense-Wide Basic Research Program Elements									
Defense-Wide RDT&E	DTRA Basic Research Initiatives	\$37,023	\$26,000	\$26,000	\$26,000	-29.8%	0.0%	-\$11,023	\$0
Defense-Wide RDT&E	Basic Research Initiatives	\$56,702	\$48,874	\$61,374	\$118,874	109.6%	143.2%	\$62,172	\$70,000

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Defense-Wide RDT&E	National Defense Education Program	\$135,919	\$92,074	\$142,074	\$100,074	-26.4%	8.7%	-\$35,845	\$8,000
	<i>Defense-Wide 6.1 Basic Research</i>	<i>\$781,414</i>	<i>\$729,300</i>	<i>\$801,800</i>	<i>\$788,620</i>	<i>0.9%</i>	<i>8.1%</i>	<i>\$7,206</i>	<i>\$59,320</i>
Defense-Wide Applied Research Program Elements									
Defense-Wide RDT&E	Cyber Security Research	\$14,969	\$15,118	\$25,118	\$15,118	1.0%	0.0%	\$149	\$0
Defense-Wide RDT&E	Defense-Wide Manufacturing S&T Program	\$174,887	\$96,397	\$156,397	\$223,397	27.7%	131.7%	\$48,510	\$127,000
Defense-Wide RDT&E	Engineering Science and Technology	\$19,415	\$19,376	\$19,376	\$19,376	-0.2%	0.0%	-\$39	\$0
	<i>Defense-Wide 6.2 Applied Research</i>	<i>\$1,988,587</i>	<i>\$2,051,135</i>	<i>\$2,045,028</i>	<i>\$1,976,792</i>	<i>-0.6%</i>	<i>-3.6%</i>	<i>-\$11,795</i>	<i>-\$74,343</i>
	<i>Defense-Wide 6.3 Advanced Technology Development</i>	<i>\$3,992,735</i>	<i>\$3,816,846</i>	<i>\$3,785,864</i>	<i>\$3,790,474</i>	<i>-5.1%</i>	<i>-0.7%</i>	<i>-\$202,261</i>	<i>-\$26,372</i>
	<i>Defense-Wide Science & Technology (S&T)</i>	<i>\$6,762,736</i>	<i>\$6,597,281</i>	<i>\$6,632,692</i>	<i>\$6,555,886</i>	<i>-3.1%</i>	<i>-0.6%</i>	<i>-\$206,850</i>	<i>-\$41,395</i>
DARPA Program Elements									
Defense-Wide DARPA	<i>DARPA Total</i>	<i>\$3,432,189</i>	<i>\$3,556,221</i>	<i>\$3,527,921</i>	<i>\$3,363,175</i>	<i>-2.0%</i>	<i>-5.4%</i>	<i>-\$69,014</i>	<i>-\$193,046</i>
Medical Research Program Elements									
Army RDT&E	Medical Technology	\$92,075	\$99,155	\$108,155	\$101,155	9.9%	2.0%	\$9,080	\$2,000
Army RDT&E	Medical Advanced Technology	\$101,496	\$42,030	\$81,030	\$52,030	-48.7%	23.8%	-\$49,466	\$10,000
Army RDT&E	Medical Systems Advanced Development	\$39,284	\$31,175	\$36,975	\$36,175	-7.9%	16.0%	-\$3,109	\$5,000
DHP RDT&E	Research, Development, Test and Evaluation Research	\$11,386	\$12,621	\$12,621	\$12,621	10.8%	0.0%	\$1,235	\$0
DHP RDT&E	Exploratory Development	\$75,010	\$84,266	\$84,266	\$84,266	12.3%	0.0%	\$9,256	\$0
DHP RDT&E	Undistributed Medical Research/Peer-Reviewed/CDMRPs	\$1,470,300	\$0	\$920,000	\$1,020,600	-30.6%	N/A	-\$449,700	\$1,020,600