

UNCLASSIFIED

Department of Defense
FY 2020 President's Budget
Exhibit R-1 FY 2020 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Mar 2019

Appropriation -----	FY 2018 (Base + OCO) -----	FY 2019 Base Enacted -----	FY 2019 OCO Enacted -----	FY 2019 Total Enacted -----
Research, Development, Test & Eval, DW	23,774,016	23,659,448	402,514	24,061,962
Operational Test & Eval, Defense	208,587	377,001		377,001
Total Research, Development, Test & Evaluation	23,982,603	24,036,449	402,514	24,438,963
Other RDT&E Budget Activities Not Included in the Research, Development, Test and Evaluation Title -----				
Office of the Inspector General	2,800	3,977		3,977
Defense Health Program	2,038,555	2,179,621		2,179,621
Chem Agents & Munitions Destruction	839,414	886,728		886,728
Total Not in Research, Development, Test & Evaluation	2,880,769	3,070,326		3,070,326

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Appropriation -----	FY 2020 Base	FY 2020 OCO for Base Requirements	FY 2020 OCO for Direct War and Enduring Costs	FY 2020 Total OCO	FY 2020 Total (Base + OCO)
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Research, Development, Test & Eval, DW	24,346,953	426,000	401,950	827,950	25,174,903
Operational Test & Eval, Defense	221,200				221,200
Total Research, Development, Test & Evaluation	24,568,153	426,000	401,950	827,950	25,396,103
Other RDT&E Budget Activities Not Included in the Research, Development, Test and Evaluation Title -----					
Office of the Inspector General	2,965				2,965
Defense Health Program	732,273				732,273
Chem Agents & Munitions Destruction	875,930				875,930
Total Not in Research, Development, Test & Evaluation	1,611,168				1,611,168

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Summary Recap of Budget Activities -----	FY 2018 (Base + OCO) -----	FY 2019 Base Enacted -----	FY 2019 OCO Enacted -----	FY 2019 Total Enacted -----
Basic Research	704,622	780,884		780,884
Applied Research	1,774,557	1,947,006		1,947,006
Advanced Technology Development	3,540,320	3,725,727	13,648	3,739,375
Advanced Component Development And Prototypes	9,997,468	9,754,747	169,638	9,924,385
System Development And Demonstration	940,083	1,056,848		1,056,848
Management Support	1,864,089	1,727,302		1,727,302
Operational System Development	5,161,464	5,043,935	219,228	5,263,163
Total Research, Development, Test & Evaluation	23,982,603	24,036,449	402,514	24,438,963
 Summary Recap of FYDP Programs -----				
General Purpose Forces	89,463	92,494		92,494
Intelligence and Communications	699,634	778,557		778,557
Research and Development	18,367,526	18,442,827	183,286	18,626,113
Central Supply and Maintenance	4,522	4,761		4,761
Training Medical and Other	37,334	42,653		42,653
Administration and Associated Activities	34,908	33,730		33,730
Special Operations Forces	710,874	579,337	27,097	606,434
Space	80,705	132,162		132,162
Classified Programs	3,957,637	3,929,928	192,131	4,122,059
Total Research, Development, Test & Evaluation	23,982,603	24,036,449	402,514	24,438,963

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	FY 2020 Base	FY 2020 OCO for Base Requirements	FY 2020 OCO for Direct War and Enduring Costs	FY 2020 Total OCO	FY 2020 Total (Base + OCO)
Summary Recap of Budget Activities -----					
Basic Research	729,300				729,300
Applied Research	2,049,458		1,677	1,677	2,051,135
Advanced Technology Development	3,742,088		74,758	74,758	3,816,846
Advanced Component Development And Prototypes	9,797,493		113,590	113,590	9,911,083
System Development And Demonstration	841,588				841,588
Management Support	1,575,828				1,575,828
Operational System Development	5,832,398	426,000	211,925	637,925	6,470,323
Total Research, Development, Test & Evaluation	24,568,153	426,000	401,950	827,950	25,396,103
Summary Recap of FYDP Programs -----					
General Purpose Forces	80,912				80,912
Intelligence and Communications	1,007,590				1,007,590
Research and Development	18,257,594		190,025	190,025	18,447,619
Central Supply and Maintenance	6,810				6,810
Training Medical and Other	40,173				40,173
Administration and Associated Activities	30,155				30,155
Special Operations Forces	802,236		11,726	11,726	813,962
Space	174,572				174,572
Classified Programs	4,168,111	426,000	200,199	626,199	4,794,310
Total Research, Development, Test & Evaluation	24,568,153	426,000	401,950	827,950	25,396,103

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	FY 2018 (Base + OCO)	FY 2019 Base Enacted	FY 2019 OCO Enacted	FY 2019 Total Enacted
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Summary Recap of Non-RDT&E Title FYDP Programs				

Research and Development	2,038,555	2,179,621		2,179,621
Central Supply and Maintenance	839,414	886,728		886,728
Administration and Associated Activities	2,800	3,977		3,977
Total Research, Development, Test & Evaluation	2,880,769	3,070,326		3,070,326

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	FY 2020 Base	FY 2020 OCO for Base Requirements	FY 2020 OCO for Direct War and Enduring Costs	FY 2020 Total OCO	FY 2020 Total (Base + OCO)
Summary Recap of Non-RDT&E Title FYDP Programs					
Research and Development	732,273				732,273
Central Supply and Maintenance	875,930				875,930
Administration and Associated Activities	2,965				2,965
Total Research, Development, Test & Evaluation	1,611,168				1,611,168

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Summary Recap of Budget Activities -----	FY 2018 (Base + OCO) -----	FY 2019 Base Enacted -----	FY 2019 OCO Enacted -----	FY 2019 Total Enacted -----
Basic Research	704,622	780,884		780,884
Applied Research	1,774,557	1,947,006		1,947,006
Advanced Technology Development	3,540,320	3,725,727	13,648	3,739,375
Advanced Component Development And Prototypes	9,997,468	9,754,747	169,638	9,924,385
System Development And Demonstration	940,083	1,056,848		1,056,848
Management Support	1,655,502	1,350,301		1,350,301
Operational System Development	5,161,464	5,043,935	219,228	5,263,163
Total Research, Development, Test & Evaluation	23,774,016	23,659,448	402,514	24,061,962
 Summary Recap of FYDP Programs -----				
General Purpose Forces	89,463	92,494		92,494
Intelligence and Communications	699,634	778,557		778,557
Research and Development	18,158,939	18,065,826	183,286	18,249,112
Central Supply and Maintenance	4,522	4,761		4,761
Training Medical and Other	37,334	42,653		42,653
Administration and Associated Activities	34,908	33,730		33,730
Special Operations Forces	710,874	579,337	27,097	606,434
Space	80,705	132,162		132,162
Classified Programs	3,957,637	3,929,928	192,131	4,122,059
Total Research, Development, Test & Evaluation	23,774,016	23,659,448	402,514	24,061,962

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Summary Recap of Budget Activities -----					
Basic Research	729,300				729,300
Applied Research	2,049,458		1,677	1,677	2,051,135
Advanced Technology Development	3,742,088		74,758	74,758	3,816,846
Advanced Component Development And Prototypes	9,797,493		113,590	113,590	9,911,083
System Development And Demonstration	841,588				841,588
Management Support	1,354,628				1,354,628
Operational System Development	5,832,398	426,000	211,925	637,925	6,470,323
Total Research, Development, Test & Evaluation	24,346,953	426,000	401,950	827,950	25,174,903
Summary Recap of FYDP Programs -----					
General Purpose Forces	80,912				80,912
Intelligence and Communications	1,007,590				1,007,590
Research and Development	18,036,394		190,025	190,025	18,226,419
Central Supply and Maintenance	6,810				6,810
Training Medical and Other	40,173				40,173
Administration and Associated Activities	30,155				30,155
Special Operations Forces	802,236		11,726	11,726	813,962
Space	174,572				174,572
Classified Programs	4,168,111	426,000	200,199	626,199	4,794,310
Total Research, Development, Test & Evaluation	24,346,953	426,000	401,950	827,950	25,174,903

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Chemical and Biological Defense Program	1,056,761	998,721		998,721
Defense Advanced Research Projects Agency	3,088,620	3,427,049		3,427,049
Defense Contract Audit Agency		2,600		2,600
Defense Contract Management Agency	8,947	11,988		11,988
Defense Human Resources Activity	27,749	25,210		25,210
Defense Intelligence Agency				
Defense Information Systems Agency	272,639	282,171		282,171
Defense Logistics Agency	355,779	324,981		324,981
Defense Security Cooperative Agency	16,619	8,028		8,028
Defense Security Service				
Defense Technical Information Center	59,301	60,977		60,977
Defense Threat Reduction Agency	667,569	479,968	183,286	663,254
Missile Defense Agency	7,749,461	7,248,720		7,248,720
National Geospatial Intelligence Agency				
National Security Agency				
Office of Secretary of Defense	5,364,060	5,829,463		5,829,463
Space Development Agency				
U.S., Special Operations Command	716,362	585,623	27,097	612,720
The Joint Staff	123,975	138,000		138,000
Washington Headquarters Services	23,498	30,198		30,198
Total Research, Development, Test & Evaluation	23,774,016	23,659,448	402,514	24,061,962

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Chemical and Biological Defense Program	1,052,406				1,052,406
Defense Advanced Research Projects Agency	3,556,221				3,556,221
Defense Contract Audit Agency	1,600				1,600
Defense Contract Management Agency	3,495				3,495
Defense Human Resources Activity	41,843				41,843
Defense Intelligence Agency					
Defense Information Systems Agency	542,928				542,928
Defense Logistics Agency	267,802				267,802
Defense Security Cooperative Agency	17,057				17,057
Defense Security Service					
Defense Technical Information Center	60,743				60,743
Defense Threat Reduction Agency	572,282		164,795	164,795	737,077
Missile Defense Agency	7,369,585				7,369,585
National Geospatial Intelligence Agency					
National Security Agency					
Office of Secretary of Defense	5,264,901		25,230	25,230	5,290,131
Space Development Agency	105,000				105,000
U.S., Special Operations Command	808,595		11,726	11,726	820,321
The Joint Staff	157,479				157,479
Washington Headquarters Services	1,000				1,000
Total Research, Development, Test & Evaluation	24,346,953		401,950	827,950	25,174,903

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 (Dollars in Thousands)

05 Mar 2019

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 (Base + OCO)	FY 2019 Base Enacted	FY 2019 OCO Enacted	FY 2019 Total Enacted	S e c
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1	0601000BR	DTRA Basic Research	01	36,369	37,023		37,023	U
2	0601101E	Defense Research Sciences	01	403,448	422,680		422,680	U
3	0601110D8Z	Basic Research Initiatives	01	39,051	56,573		56,573	U
4	0601117E	Basic Operational Medical Research Science	01	42,129	46,575		46,575	U
5	0601120D8Z	National Defense Education Program	01	100,850	135,610		135,610	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	39,006	40,320		40,320	U
7	0601384BP	Chemical and Biological Defense Program	01	43,769	42,103		42,103	U
		Basic Research		704,622	780,884		780,884	
8	0602000D8Z	Joint Munitions Technology	02	19,053	19,126		19,126	U
9	0602115E	Biomedical Technology	02	88,962	101,300		101,300	U
10	0602134BR	Counter Improvised-Threat Advanced Studies	02					U
11	0602234D8Z	Lincoln Laboratory Research Program	02	47,891	51,479		51,479	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	47,550	60,550		60,550	U
13	0602303E	Information & Communications Technology	02	379,578	404,967		404,967	U
14	0602383E	Biological Warfare Defense	02	15,078	33,640		33,640	U
15	0602384BP	Chemical and Biological Defense Program	02	199,466	192,674		192,674	U
16	0602668D8Z	Cyber Security Research	02	14,429	14,935		14,935	U

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1	0601000BR	DTRA Basic Research	01	26,000				26,000	U
2	0601101E	Defense Research Sciences	01	432,284				432,284	U
3	0601110D8Z	Basic Research Initiatives	01	48,874				48,874	U
4	0601117E	Basic Operational Medical Research Science	01	54,122				54,122	U
5	0601120D8Z	National Defense Education Program	01	92,074				92,074	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	30,708				30,708	U
7	0601384BP	Chemical and Biological Defense Program	01	45,238				45,238	U
		Basic Research		729,300				729,300	
8	0602000D8Z	Joint Munitions Technology	02	19,306				19,306	U
9	0602115E	Biomedical Technology	02	97,771				97,771	U
10	0602134BR	Counter Improvised-Threat Advanced Studies	02			1,677	1,677	1,677	U
11	0602234D8Z	Lincoln Laboratory Research Program	02	52,317				52,317	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	62,200				62,200	U
13	0602303E	Information & Communications Technology	02	442,556				442,556	U
14	0602383E	Biological Warfare Defense	02	34,588				34,588	U
15	0602384BP	Chemical and Biological Defense Program	02	202,587				202,587	U
16	0602668D8Z	Cyber Security Research	02	15,118				15,118	U

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17	0602702E	Tactical Technology	02	292,957	309,466		309,466	U
18	0602715E	Materials and Biological Technology	02	191,880	208,898		208,898	U
19	0602716E	Electronics Technology	02	283,180	348,847		348,847	U
20	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	152,544	155,924		155,924	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	8,614	9,279		9,279	U
22	1160401BB	SOF Technology Development	02	33,375	35,921		35,921	U
		Applied Research		-----	-----	-----	-----	
				1,774,557	1,947,006		1,947,006	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,550	25,540		25,540	U
24	0603121D8Z	SO/LIC Advanced Development	03					U
25	0603122D8Z	Combating Terrorism Technology Support	03	149,541	171,321		171,321	U
26	0603133D8Z	Foreign Comparative Testing	03	21,715	24,277		24,277	U
27	0603134BR	Counter Improvised-Threat Simulation	03	23,366		13,648	13,648	U
28	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	292,846	280,858		280,858	U
29	0603176C	Advanced Concepts and Performance Assessment	03	17,683	13,017		13,017	U
30	0603178C	Weapons Technology	03	28,894	13,400		13,400	U
31	0603180C	Advanced Research	03	23,765	42,565		42,565	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	17,959	18,602		18,602	U

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17	0602702E	Tactical Technology	02	337,602				337,602	U
18	0602715E	Materials and Biological Technology	02	223,976				223,976	U
19	0602716E	Electronics Technology	02	332,192				332,192	U
20	0602718BR	Counter Weapons of Mass Destruction Applied Research	02	179,096				179,096	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	9,580				9,580	U
22	1160401BB	SOF Technology Development	02	40,569				40,569	U
		Applied Research		2,049,458		1,677	1,677	2,051,135	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,779				25,779	U
24	0603121D8Z	SO/LIC Advanced Development	03	5,000				5,000	U
25	0603122D8Z	Combating Terrorism Technology Support	03	70,517		25,230	25,230	95,747	U
26	0603133D8Z	Foreign Comparative Testing	03	24,970				24,970	U
27	0603134BR	Counter Improvised-Threat Simulation	03			49,528	49,528	49,528	U
28	0603160BR	Counter Weapons of Mass Destruction Advanced Technology Development	03	340,065				340,065	U
29	0603176C	Advanced Concepts and Performance Assessment	03	14,208				14,208	U
30	0603178C	Weapons Technology	03	10,000				10,000	U
31	0603180C	Advanced Research	03	20,674				20,674	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,773				18,773	U

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33	0603286E	Advanced Aerospace Systems	03	176,200	302,463		302,463	U
34	0603287E	Space Programs and Technology	03	226,988	254,671		254,671	U
35	0603288D8Z	Analytic Assessments	03	12,658	18,430		18,430	U
36	0603289D8Z	Advanced Innovative Analysis and Concepts	03	36,763	37,178		37,178	U
37	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03	14,971	13,590		13,590	U
38	0603294C	Common Kill Vehicle Technology	03	55,562	56,753		56,753	U
39	0603342D8W	Defense Innovation Unit Experimental (DIUx)	03	23,498	29,198		29,198	U
40	0603342D8Z	Defense Innovation Unit (DIU)	03					U
41	0603375D8Z	Technology Innovation	03	24,825	33,068		33,068	U
42	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	141,242	142,826		142,826	U
43	0603527D8Z	RETRACT LARCH	03	164,544	160,762		160,762	U
44	0603618D8Z	Joint Electronic Advanced Technology	03	14,020	12,889		12,889	U
45	0603648D8Z	Joint Capability Technology Demonstrations	03	102,769	105,808		105,808	U
46	0603662D8Z	Networked Communications Capabilities	03	12,369	12,667		12,667	U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	206,257	174,489		174,489	U
48	0603680S	Manufacturing Technology Program	03	39,090	62,396		62,396	U

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33	0603286E	Advanced Aerospace Systems	03	279,741				279,741	U
34	0603287E	Space Programs and Technology	03	202,606				202,606	U
35	0603288D8Z	Analytic Assessments	03	19,429				19,429	U
36	0603289D8Z	Advanced Innovative Analysis and Concepts	03	37,645				37,645	U
37	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03	14,668				14,668	U
38	0603294C	Common Kill Vehicle Technology	03	13,600				13,600	U
39	0603342D8W	Defense Innovation Unit Experimental (DIUx)	03						U
40	0603342D8Z	Defense Innovation Unit (DIU)	03	29,398				29,398	U
41	0603375D8Z	Technology Innovation	03	60,000				60,000	U
42	0603384BP	Chemical and Biological Defense Program - Advanced Development	03	172,486				172,486	U
43	0603527D8Z	RETRACT LARCH	03	159,688				159,688	U
44	0603618D8Z	Joint Electronic Advanced Technology	03	12,063				12,063	U
45	0603648D8Z	Joint Capability Technology Demonstrations	03	107,359				107,359	U
46	0603662D8Z	Networked Communications Capabilities	03	2,858				2,858	U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	96,397				96,397	U
48	0603680S	Manufacturing Technology Program	03	42,834				42,834	U

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49	0603699D8Z	Emerging Capabilities Technology Development	03	79,469	60,700		60,700	U
50	0603712S	Generic Logistics R&D Technology Demonstrations	03	16,105	18,127		18,127	U
51	0603716D8Z	Strategic Environmental Research Program	03	63,055	76,340		76,340	U
52	0603720S	Microelectronics Technology Development and Support	03	241,867	192,926		192,926	U
53	0603727D8Z	Joint Warfighting Program	03	3,236	5,978		5,978	U
54	0603739E	Advanced Electronics Technologies	03	73,673	111,099		111,099	U
55	0603760E	Command, Control and Communications Systems	03	103,577	185,984		185,984	U
56	0603766E	Network-Centric Warfare Technology	03	429,691	434,069		434,069	U
57	0603767E	Sensor Technology	03	202,189	183,101		183,101	U
58	0603769D8Z	Distributed Learning Advanced Technology Development	03	11,053	13,564		13,564	U
59	0603781D8Z	Software Engineering Institute	03	14,468	15,016		15,016	U
60	0603826D8Z	Quick Reaction Special Projects	03	64,775	59,490		59,490	U
61	0603833D8Z	Engineering Science & Technology	03	24,447	19,371		19,371	U
62	0603924D8Z	High Energy Laser Advanced Technology Program	03		74,364		74,364	U
63	0603941D8Z	Test & Evaluation Science & Technology	03	108,958	117,389		117,389	U
64	0603950D8Z	National Security Innovation Network	03					U

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49	0603699D8Z	Emerging Capabilities Technology Development	03	80,911				80,911	U
50	0603712S	Generic Logistics R&D Technology Demonstrations	03	10,817				10,817	U
51	0603716D8Z	Strategic Environmental Research Program	03	66,157				66,157	U
52	0603720S	Microelectronics Technology Development and Support	03	171,771				171,771	U
53	0603727D8Z	Joint Warfighting Program	03	4,846				4,846	U
54	0603739E	Advanced Electronics Technologies	03	128,616				128,616	U
55	0603760E	Command, Control and Communications Systems	03	232,134				232,134	U
56	0603766E	Network-Centric Warfare Technology	03	512,424				512,424	U
57	0603767E	Sensor Technology	03	163,903				163,903	U
58	0603769D8Z	Distributed Learning Advanced Technology Development	03	13,723				13,723	U
59	0603781D8Z	Software Engineering Institute	03	15,111				15,111	U
60	0603826D8Z	Quick Reaction Special Projects	03	47,147				47,147	U
61	0603833D8Z	Engineering Science & Technology	03	19,376				19,376	U
62	0603924D8Z	High Energy Laser Advanced Technology Program	03	85,223				85,223	U
63	0603941D8Z	Test & Evaluation Science & Technology	03	175,574				175,574	U
64	0603950D8Z	National Security Innovation Network	03	25,000				25,000	U

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65	0604055D8Z	Operational Energy Capability Improvement	03	39,788	45,478		45,478	U
66	0303310D8Z	CWMD Systems	03	32,111	26,583		26,583	U
67	0303367D8Z	Spectrum Access Research and Development	03	86,472				U
68	1160402BB	SOF Advanced Technology Development	03	92,311	79,380		79,380	U
69	1206310SDA	Space Science and Technology Research and Development	03					U
		Advanced Technology Development		3,540,320	3,725,727	13,648	3,739,375	
70	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	32,165	28,076		28,076	U
71	0603600D8Z	WALKOFF	04	98,920	92,012		92,012	U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04	2,194	2,500		2,500	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	53,342	41,925		41,925	U
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	454,147	388,273		388,273	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	1,153,263	803,359		803,359	U
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	135,322	115,886		115,886	U
77	0603884C	Ballistic Missile Defense Sensors	04	290,289	385,375		385,375	U
78	0603890C	BMD Enabling Programs	04	533,993	620,831		620,831	U
79	0603891C	Special Programs - MDA	04	356,560	422,348		422,348	U

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65	0604055D8Z	Operational Energy Capability Improvement	03	70,536				70,536	U
66	0303310D8Z	CWMD Systems	03	28,907				28,907	U
67	0303367D8Z	Spectrum Access Research and Development	03						U
68	1160402BB	SOF Advanced Technology Development	03	89,154				89,154	U
69	1206310SDA	Space Science and Technology Research and Development	03	20,000				20,000	U
		Advanced Technology Development		3,742,088		74,758	74,758	3,816,846	
70	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	42,695				42,695	U
71	0603600D8Z	WALKOFF	04	92,791				92,791	U
72	0603821D8Z	Acquisition Enterprise Data & Information Services	04	5,659				5,659	U
73	0603851D8Z	Environmental Security Technical Certification Program	04	66,572				66,572	U
74	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	302,761				302,761	U
75	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	1,156,506				1,156,506	U
76	0603884BP	Chemical and Biological Defense Program - Dem/Val	04	83,662				83,662	U
77	0603884C	Ballistic Missile Defense Sensors	04	283,487				283,487	U
78	0603890C	BMD Enabling Programs	04	571,507				571,507	U
79	0603891C	Special Programs - MDA	04	377,098				377,098	U

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80	0603892C	AEGIS BMD	04	798,395	741,076		741,076	U
81	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	449,985	507,817		507,817	U
82	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	48,574	48,767		48,767	U
83	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	51,905	58,125		58,125	U
84	0603906C	Regarding Trench	04	8,898	16,916		16,916	U
85	0603907C	Sea Based X-Band Radar (SBX)	04	173,988	136,715		136,715	U
86	0603913C	Israeli Cooperative Programs	04	373,800	300,000		300,000	U
87	0603914C	Ballistic Missile Defense Test	04	406,806	515,897		515,897	U
88	0603915C	Ballistic Missile Defense Targets	04	512,838	561,352		561,352	U
89	0603920D8Z	Humanitarian Demining	04	10,519	11,262		11,262	U
90	0603923D8Z	Coalition Warfare	04	10,515	8,509		8,509	U
91	0604016D8Z	Department of Defense Corrosion Program	04	4,503	8,458		8,458	U
92	0604115C	Technology Maturation Initiatives	04	163,947	316,822		316,822	U
93	0604132D8Z	Missile Defeat Project	04	121,025	43,508		43,508	U
94	0604134BR	Counter Improvised-Threat Demonstration, Prototype Development, and Testing	04	144,934		169,638	169,638	U
95	0604181C	Hypersonic Defense	04	63,032	130,944		130,944	U
96	0604250D8Z	Advanced Innovative Technologies	04	1,423,173	1,387,539		1,387,539	U

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80	0603892C	AEGIS BMD	04	727,479				727,479	U
81	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	564,206				564,206	U
82	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	51,532				51,532	U
83	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	56,161				56,161	U
84	0603906C	Regarding Trench	04	22,424				22,424	U
85	0603907C	Sea Based X-Band Radar (SBX)	04	128,156				128,156	U
86	0603913C	Israeli Cooperative Programs	04	300,000				300,000	U
87	0603914C	Ballistic Missile Defense Test	04	395,924				395,924	U
88	0603915C	Ballistic Missile Defense Targets	04	554,171				554,171	U
89	0603920D8Z	Humanitarian Demining	04	10,820				10,820	U
90	0603923D8Z	Coalition Warfare	04	11,316				11,316	U
91	0604016D8Z	Department of Defense Corrosion Program	04	3,365				3,365	U
92	0604115C	Technology Maturation Initiatives	04	303,458				303,458	U
93	0604132D8Z	Missile Defeat Project	04	17,816				17,816	U
94	0604134BR	Counter Improvised-Threat Demonstration, Prototype Development, and Testing	04			113,590	113,590	113,590	U
95	0604181C	Hypersonic Defense	04	157,425				157,425	U
96	0604250D8Z	Advanced Innovative Technologies	04	1,312,735				1,312,735	U

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97	0604294D8Z	Trusted & Assured Microelectronics	04	147,481	522,950		522,950	U
98	0604331D8Z	Rapid Prototyping Program	04	46,984	99,107		99,107	U
99	0604341D8Z	Defense Innovation Unit (DIU) Prototyping	04					U
100	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	7,839	7,763		7,763	U
101	0604532D8Z	Joint Artificial Intelligence	04		12,970		12,970	U
102	0604672C	Homeland Defense Radar - Hawaii (HDR-H)	04		62,221		62,221	U
103	0604673C	Pacific Discriminating Radar	04	59,564	15,926		15,926	U
104	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,686	3,759		3,759	U
105	0604775BR	Defense Rapid Innovation Program	04					U
106	0604775D8Z	Defense Rapid Innovation Program	04	250,000	249,432		249,432	U
107	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	23,638	22,435		22,435	U
108	0604873C	Long Range Discrimination Radar (LRDR)	04	370,516	166,543		166,543	U
109	0604874C	Improved Homeland Defense Interceptors	04	742,842	421,820		421,820	U
110	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	35,738	61,017		61,017	U
111	0604878C	Aegis BMD Test	04	128,757	92,160		92,160	U

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97	0604294D8Z	Trusted & Assured Microelectronics	04	542,421				542,421	U
98	0604331D8Z	Rapid Prototyping Program	04	100,957				100,957	U
99	0604341D8Z	Defense Innovation Unit (DIU) Prototyping	04	92,000				92,000	U
100	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	3,021				3,021	U
101	0604532D8Z	Joint Artificial Intelligence	04						U
102	0604672C	Homeland Defense Radar - Hawaii (HDR-H)	04	274,714				274,714	U
103	0604673C	Pacific Discriminating Radar	04	6,711				6,711	U
104	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,751				3,751	U
105	0604775BR	Defense Rapid Innovation Program	04	14,021				14,021	U
106	0604775D8Z	Defense Rapid Innovation Program	04						U
107	0604826J	Joint C5 Capability Development, Integration and interoperability Assessments	04	20,062				20,062	U
108	0604873C	Long Range Discrimination Radar (LRDR)	04	136,423				136,423	U
109	0604874C	Improved Homeland Defense Interceptors	04	412,363				412,363	U
110	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	25,137				25,137	U
111	0604878C	Aegis BMD Test	04	169,822				169,822	U

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112	0604879C	Ballistic Missile Defense Sensor Test	04	88,840	77,405		77,405	U
113	0604880C	Land-Based SM-3 (LBSM3)	04	29,652	27,692		27,692	U
114	0604881C	AEGIS SM-3 Block IIA Co-Development	04	9,531				U
115	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	85,030	72,634		72,634	U
116	0604894C	Multi-Object Kill Vehicle	04	6,347	6,500		6,500	U
117	0300206R	Enterprise Information Technology Systems	04		2,600		2,600	U
118	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,896	3,097		3,097	U
119	0305103C	Cyber Security Initiative	04	964	985		985	U
120	1206410SDA	Space Technology Development and Prototyping	04					U
121	1206893C	Space Tracking & Surveillance System	04	35,008	36,955		36,955	U
122	1206895C	Ballistic Missile Defense System Space Programs	04	45,123	94,484		94,484	U
		Advanced Component Development And Prototypes		9,997,468	9,754,747	169,638	9,924,385	
123	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	12,320	8,314		8,314	U
124	0604165D8Z	Prompt Global Strike Capability Development	05	360,860	465,852		465,852	U
125	0604384BP	Chemical and Biological Defense Program - EMD	05	368,151	358,608		358,608	U

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112	0604879C	Ballistic Missile Defense Sensor Test	04	105,530				105,530	U
113	0604880C	Land-Based SM-3 (LBSM3)	04	38,352				38,352	U
114	0604881C	AEGIS SM-3 Block IIA Co-Development	04						U
115	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	98,139				98,139	U
116	0604894C	Multi-Object Kill Vehicle	04						U
117	0300206R	Enterprise Information Technology Systems	04	1,600				1,600	U
118	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	3,191				3,191	U
119	0305103C	Cyber Security Initiative	04	1,138				1,138	U
120	1206410SDA	Space Technology Development and Prototyping	04	85,000				85,000	U
121	1206893C	Space Tracking & Surveillance System	04	35,849				35,849	U
122	1206895C	Ballistic Missile Defense System Space Programs	04	27,565				27,565	U
		Advanced Component Development And Prototypes		9,797,493		113,590	113,590	9,911,083	
123	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	11,276				11,276	U
124	0604165D8Z	Prompt Global Strike Capability Development	05	107,000				107,000	U
125	0604384BP	Chemical and Biological Defense Program - EMD	05	384,047				384,047	U

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126	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	24,268	34,425		34,425	U
127	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	6,199	6,163		6,163	U
128	0605013BL	Information Technology Development	05	8,947	11,988		11,988	U
129	0605021SE	Homeland Personnel Security Initiative	05	4,893	296		296	U
130	0605022D8Z	Defense Exportability Program	05	2,088	1,486		1,486	U
131	0605027D8Z	OUSD(C) IT Development Initiatives	05	21,312	9,568		9,568	U
132	0605070S	DOD Enterprise Systems Development and Demonstration	05	6,037	3,057		3,057	U
133	0605075D8Z	CMO Policy and Integration	05	2,805	2,100		2,100	U
134	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	23,544	20,384		20,384	U
135	0605090S	Defense Retired and Annuitant Pay System (DRAS)	05	12,983	10,339		10,339	U
136	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	11,414	6,359		6,359	U
137	0605294D8Z	Trusted & Assured Microelectronics	05	59,516	95,959		95,959	U
138	0303140BL	Information Systems Security Program	05					U
139	0303141K	Global Combat Support System	05	2,500	2,512		2,512	U
140	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	4,032	2,429		2,429	U

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126	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	40,102				40,102	U
127	0605000BR	Counter Weapons of Mass Destruction Systems Development	05	13,100				13,100	U
128	0605013BL	Information Technology Development	05	3,070				3,070	U
129	0605021SE	Homeland Personnel Security Initiative	05	7,295				7,295	U
130	0605022D8Z	Defense Exportability Program	05	17,615				17,615	U
131	0605027D8Z	OUSD(C) IT Development Initiatives	05	15,653				15,653	U
132	0605070S	DOD Enterprise Systems Development and Demonstration	05	2,378				2,378	U
133	0605075D8Z	CMO Policy and Integration	05	1,618				1,618	U
134	0605080S	Defense Agency Initiatives (DAI) - Financial System	05	27,944				27,944	U
135	0605090S	Defense Retired and Annuitant Pay System (DRAS)	05	6,609				6,609	U
136	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	9,619				9,619	U
137	0605294D8Z	Trusted & Assured Microelectronics	05	175,032				175,032	U
138	0303140BL	Information Systems Security Program	05	425				425	U
139	0303141K	Global Combat Support System	05	1,578				1,578	U
140	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	4,373				4,373	U

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141	0305310D8Z	CWMD Systems: System Development and Demonstration	05	8,214	17,009		17,009	U
		System Development And Demonstration		940,083	1,056,848		1,056,848	
142	0603829J	Joint Capability Experimentation	06					U
143	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	6,941	6,607		6,607	U
144	0604875D8Z	Joint Systems Architecture Development	06	4,695	4,079		4,079	U
145	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	204,268	270,013		270,013	U
146	0604942D8Z	Assessments and Evaluations	06	48,985	31,285		31,285	U
147	0605001E	Mission Support	06	64,269	65,646		65,646	U
148	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	90,326	88,184		88,184	U
149	0605104D8Z	Technical Studies, Support and Analysis	06	21,575	22,525		22,525	U
150	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	36,581	52,565		52,565	U
151	0605128D8Z	Classified Program USD(P)	06	138,494	103,000		103,000	U
152	0605142D8Z	Systems Engineering	06	36,313	38,784		38,784	U
153	0605151D8Z	Studies and Analysis Support - OSD	06	5,029	3,534		3,534	U
154	0605161D8Z	Nuclear Matters-Physical Security	06	5,031	5,039		5,039	U
155	0605170D8Z	Support to Networks and Information Integration	06	12,141	11,424		11,424	U

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141	0305310D8Z	CWMD Systems: System Development and Demonstration	05	12,854				12,854	U
		System Development And Demonstration		841,588				841,588	
142	0603829J	Joint Capability Experimentation	06	13,000				13,000	U
143	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	9,724				9,724	U
144	0604875D8Z	Joint Systems Architecture Development	06	9,593				9,593	U
145	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	260,267				260,267	U
146	0604942D8Z	Assessments and Evaluations	06	30,834				30,834	U
147	0605001E	Mission Support	06	68,498				68,498	U
148	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	83,091				83,091	U
149	0605104D8Z	Technical Studies, Support and Analysis	06	18,079				18,079	U
150	0605126J	Joint Integrated Air and Missile Defense Organization (JIAMDO)	06	70,038				70,038	U
151	0605128D8Z	Classified Program USD(P)	06						U
152	0605142D8Z	Systems Engineering	06	37,140				37,140	U
153	0605151D8Z	Studies and Analysis Support - OSD	06	4,759				4,759	U
154	0605161D8Z	Nuclear Matters-Physical Security	06	8,307				8,307	U
155	0605170D8Z	Support to Networks and Information Integration	06	9,441				9,441	U

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156	0605200D8Z	General Support to USD (Intelligence)	06	165,090	5,693		5,693	U
157	0605384BP	Chemical and Biological Defense Program	06	105,122	102,883		102,883	U
158	0605502BP	Small Business Innovative Research - Chemical Biological Def	06	20,057				U
159	0605502BR	Small Business Innovation Research	06	11,311				U
160	0605502C	Small Business Innovation Research - MDA	06	115,278				U
161	0605502D8Z	Small Business Innovative Research	06	97,227				U
162	0605502E	Small Business Innovative Research	06	100,804				U
163	0605502K	Small Business Innovative Research	06	6,500				U
164	0605502S	Small Business Innovative Research	06	11,631	10,454		10,454	U
165	0605502T	Small Business Innovative Research	06	607				U
166	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,367	2,539		2,539	U
167	0605797D8Z	Maintaining Technology Advantage	06					U
168	0605798D8Z	Defense Technology Analysis	06	25,815	27,425		27,425	U
169	0605801KA	Defense Technical Information Center (DTIC)	06	55,114	56,853		56,853	U
170	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	22,856	24,914		24,914	U
171	0605804D8Z	Development Test and Evaluation	06	19,810	20,133		20,133	U

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156	0605200D8Z	General Support to USD (Intelligence)	06	1,700				1,700	U
157	0605384BP	Chemical and Biological Defense Program	06	110,363				110,363	U
158	0605502BP	Small Business Innovative Research - Chemical Biological Def	06						U
159	0605502BR	Small Business Innovation Research	06						U
160	0605502C	Small Business Innovation Research - MDA	06						U
161	0605502D8Z	Small Business Innovative Research	06						U
162	0605502E	Small Business Innovative Research	06						U
163	0605502K	Small Business Innovative Research	06						U
164	0605502S	Small Business Innovative Research	06						U
165	0605502T	Small Business Innovative Research	06						U
166	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	3,568				3,568	U
167	0605797D8Z	Maintaining Technology Advantage	06	19,936				19,936	U
168	0605798D8Z	Defense Technology Analysis	06	16,875				16,875	U
169	0605801KA	Defense Technical Information Center (DTIC)	06	57,716				57,716	U
170	0605803SE	R&D in Support of DoD Enlistment, Testing and Evaluation	06	34,448				34,448	U
171	0605804D8Z	Development Test and Evaluation	06	22,203				22,203	U

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172	0605898E	Management HQ - R&D	06	14,017	13,643		13,643	U
173	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06	4,187	4,124		4,124	U
174	0606100D8Z	Budget and Program Assessments	06	3,838	5,755		5,755	U
175	0606225D8Z	ODNA Technology and Resource Analysis	06	998	1,028		1,028	U
176	0606589D8W	Defense Digital Service (DDS) Development Support	06		1,000		1,000	U
177	0606942C	Assessments and Evaluations Cyber Vulnerabilities	06		3,400		3,400	U
178	0606942S	Assessments and Evaluations Cyber Vulnerabilities	06		3,854		3,854	U
179	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	5,479	9,985		9,985	U
180	0204571J	Joint Staff Analytical Support	06	22,712	16,658		16,658	U
183	0303166J	Support to Information Operations (IO) Capabilities	06	673	652		652	U
184	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	977	1,003		1,003	U
185	0305172K	Combined Advanced Applications	06	16,998	21,363		21,363	U
187	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	15,255	189,529		189,529	U
188	0306310D8Z	CWMD Systems: RDT&E Management Support	06	1,229	1,241		1,241	U
189	0307588D8Z	Algorithmic Warfare Cross Functional Teams	06					U

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172	0605898E	Management HQ - R&D	06	13,208				13,208	U
173	0605998KA	Management HQ - Defense Technical Information Center (DTIC)	06	3,027				3,027	U
174	0606100D8Z	Budget and Program Assessments	06	8,017				8,017	U
175	0606225D8Z	ODNA Technology and Resource Analysis	06	3,194				3,194	U
176	0606589D8W	Defense Digital Service (DDS) Development Support	06	1,000				1,000	U
177	0606942C	Assessments and Evaluations Cyber Vulnerabilities	06						U
178	0606942S	Assessments and Evaluations Cyber Vulnerabilities	06						U
179	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	3,037				3,037	U
180	0204571J	Joint Staff Analytical Support	06	9,216				9,216	U
183	0303166J	Support to Information Operations (IO) Capabilities	06	553				553	U
184	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	1,014				1,014	U
185	0305172K	Combined Advanced Applications	06	58,667				58,667	U
187	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	21,081				21,081	U
188	0306310D8Z	CWMD Systems: RDT&E Management Support	06						U
189	0307588D8Z	Algorithmic Warfare Cross Functional Teams	06	221,235				221,235	U

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190	0804767J	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06	37,334				U
191	0804768J	COCOM Exercise Engagement and Training Transformation (CE2T2) - non-MHA	06		42,653		42,653	U
192	0808709SE	Defense Equal Opportunity Management Institute (DEOMI)	06					U
193	0901598C	Management HQ - MDA	06	29,947	28,626		28,626	U
194	0903235K	Joint Service Provider (JSP)	06	4,309	5,104		5,104	U
9999	99999999999	Classified Programs		63,312	47,104		47,104	U
		Management Support		1,655,502	1,350,301		1,350,301	
195	0604130V	Enterprise Security System (ESS)	07	4,565	9,750		9,750	U
196	0604532K	Joint Artificial Intelligence	07					U
197	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,792	1,855		1,855	U
198	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	287	304		304	U
199	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	16,464	48,765		48,765	U
200	0607310D8Z	CWMD Systems: Operational Systems Development	07	6,945	5,902		5,902	U
201	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	13,933	5,869		5,869	U

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190	0804767J	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06						U
191	0804768J	COCOM Exercise Engagement and Training Transformation (CE2T2) - non-MHA	06	40,073				40,073	U
192	0808709SE	Defense Equal Opportunity Management Institute (DEOMI)	06	100				100	U
193	0901598C	Management HQ - MDA	06	27,065				27,065	U
194	0903235K	Joint Service Provider (JSP)	06	3,090				3,090	U
9999	99999999999	Classified Programs		51,471				51,471	U
		Management Support		1,354,628				1,354,628	
195	0604130V	Enterprise Security System (ESS)	07	7,945				7,945	U
196	0604532K	Joint Artificial Intelligence	07	208,834				208,834	U
197	0605127T	Regional International Outreach (RIO) and Partnership for Peace Information Mana	07	1,947				1,947	U
198	0605147T	Overseas Humanitarian Assistance Shared Information System (OHASIS)	07	310				310	U
199	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	10,051				10,051	U
200	0607310D8Z	CWMD Systems: Operational Systems Development	07	12,734				12,734	U
201	0607327T	Global Theater Security Cooperation Management Information Systems (G-TSCMIS)	07	14,800				14,800	U

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202	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	43,632	43,741		43,741	U
203	0208043J	Planning and Decision Aid System (PDAS)	07	3,037	3,037		3,037	U
204	0208045K	C4I Interoperability	07	58,235	62,814		62,814	U
206	0301144K	Joint/Allied Coalition Information Sharing	07	5,801				U
209	0302016K	National Military Command System-Wide Support	07	1,863				U
210	0302019K	Defense Info Infrastructure Engineering and Integration	07	20,059	16,121		16,121	U
211	0303126K	Long-Haul Communications - DCS	07	23,090	14,353		14,353	U
212	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	15,855	17,579		17,579	U
213	0303135G	Public Key Infrastructure (PKI)	07	4,811				U
214	0303136G	Key Management Infrastructure (KMI)	07	33,746	31,737		31,737	U
215	0303140D8Z	Information Systems Security Program	07	19,074	17,899		17,899	U
216	0303140G	Information Systems Security Program	07	234,652	228,382		228,382	U
217	0303140K	Information Systems Security Program	07		19,611		19,611	U
218	0303150K	Global Command and Control System	07	41,126	46,900		46,900	U
219	0303153K	Defense Spectrum Organization	07	8,377	7,457		7,457	U
220	0303228K	Joint Regional Security Stacks (JRSS)	07	4,550	7,947		7,947	U
221	0303267K	Auctioned Spectrum Relocation Fund	07	15,804				U

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202	0607384BP	Chemical and Biological Defense (Operational Systems Development)	07	54,023				54,023	U
203	0208043J	Planning and Decision Aid System (PDAS)	07	4,537				4,537	U
204	0208045K	C4I Interoperability	07	64,122				64,122	U
206	0301144K	Joint/Allied Coalition Information Sharing	07						U
209	0302016K	National Military Command System-Wide Support	07						U
210	0302019K	Defense Info Infrastructure Engineering and Integration	07	15,798				15,798	U
211	0303126K	Long-Haul Communications - DCS	07	11,166				11,166	U
212	0303131K	Minimum Essential Emergency Communications Network (MEECN)	07	17,383				17,383	U
213	0303135G	Public Key Infrastructure (PKI)	07						U
214	0303136G	Key Management Infrastructure (KMI)	07	54,516				54,516	U
215	0303140D8Z	Information Systems Security Program	07	67,631				67,631	U
216	0303140G	Information Systems Security Program	07	289,080				289,080	U
217	0303140K	Information Systems Security Program	07	42,796				42,796	U
218	0303150K	Global Command and Control System	07	25,218				25,218	U
219	0303153K	Defense Spectrum Organization	07	21,698				21,698	U
220	0303228K	Joint Regional Security Stacks (JRSS)	07	18,077				18,077	U
221	0303267K	Auctioned Spectrum Relocation Fund	07						U

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222	0303430K	Federal Investigative Services Information Technology	07	41,743	55,400		55,400	U
225	0305103K	Cyber Security Initiative	07	1,644				U
228	0305128V	Security and Investigative Activities	07					U
232	0305186D8Z	Policy R&D Programs	07	6,441	6,190		6,190	U
233	0305199D8Z	Net Centricity	07	17,812	16,742		16,742	U
235	0305208BB	Distributed Common Ground/Surface Systems	07	5,488	6,286		6,286	U
238	0305208K	Distributed Common Ground/Surface Systems	07	2,959	2,970		2,970	U
241	0305327V	Insider Threat	07	7,265	5,954		5,954	U
242	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,067	1,137		1,137	U
249	0307577D8Z	Intelligence Mission Data (IMD)	07	13,086	6,889		6,889	U
250	0708012K	Logistics Support Activities	07		1,317		1,317	U
251	0708012S	Pacific Disaster Centers	07	1,705	1,705		1,705	U
252	0708047S	Defense Property Accountability System	07	2,817	1,739		1,739	U
253	0903235K	Joint Service Provider (JSP)	07	652				U
254	1105219BB	MQ-9 UAV	07	33,106	18,403		18,403	U
255	1160279BB	Small Business Innovative Research/ Small Bus Tech Transfer Pilot Prog	07	23,371				U
256	1160403BB	Aviation Systems	07	250,604	175,862		175,862	U

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222	0303430K	Federal Investigative Services Information Technology	07	44,001				44,001	U
225	0305103K	Cyber Security Initiative	07						U
228	0305128V	Security and Investigative Activities	07	2,400				2,400	U
232	0305186D8Z	Policy R&D Programs	07	6,301				6,301	U
233	0305199D8Z	Net Centricity	07	21,384				21,384	U
235	0305208BB	Distributed Common Ground/Surface Systems	07	6,359				6,359	U
238	0305208K	Distributed Common Ground/Surface Systems	07	2,981				2,981	U
241	0305327V	Insider Threat	07	1,964				1,964	U
242	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,221				2,221	U
249	0307577D8Z	Intelligence Mission Data (IMD)	07						U
250	0708012K	Logistics Support Activities	07	1,361				1,361	U
251	0708012S	Pacific Disaster Centers	07	1,770				1,770	U
252	0708047S	Defense Property Accountability System	07	3,679				3,679	U
253	0903235K	Joint Service Provider (JSP)	07						U
254	1105219BB	MQ-9 UAV	07	20,697				20,697	U
255	1160279BB	Small Business Innovative Research/ Small Bus Tech Transfer Pilot Prog	07						U
256	1160403BB	Aviation Systems	07	245,795				245,795	U

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 (Dollars in Thousands)

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Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2018 (Base + OCO)	FY 2019 Base Enacted	FY 2019 OCO Enacted	FY 2019 Total Enacted	S e c
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257	1160405BB	Intelligence Systems Development	07	8,837	10,625		10,625	U
258	1160408BB	Operational Enhancements	07	73,734	99,307	3,632	102,939	U
259	1160431BB	Warrior Systems	07	74,169	63,542	11,040	74,582	U
260	1160432BB	Special Programs	07	2,300	2,479		2,479	U
261	1160434BB	Unmanned ISR	07	33,576	33,270	11,700	44,970	U
262	1160480BB	SOF Tactical Vehicles	07	2,483	1,121	725	1,846	U
263	1160483BB	Maritime Systems	07	66,280	42,471		42,471	U
264	1160489BB	Global Video Surveillance Activities	07	4,661	4,780		4,780	U
265	1160490BB	Operational Enhancements Intelligence	07	12,067	12,176		12,176	U
266	1203610K	Teleport Program	07	574	723		723	U
9999	9999999999	Classified Programs		3,894,325	3,882,824	192,131	4,074,955	U
		Operational System Development		5,161,464	5,043,935	219,228	5,263,163	
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		Total Research, Development, Test & Eval, DW		23,774,016	23,659,448	402,514	24,061,962	

R-120PB: FY 2020 President's Budget (Published Version), as of March 5, 2019 at 08:19:53

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Defense-Wide
FY 2020 President's Budget
Exhibit R-1 FY 2020 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Mar 2019

Appropriation: 0400D Research, Development, Test & Eval, DW

Line No	Program Element Number	Item	Act	FY 2020 Base	FY 2020 OCO for Base Requirements	FY 2020 OCO for Direct War and Enduring Costs	FY 2020 Total OCO	FY 2020 Total (Base + OCO)	Se
257	1160405BB	Intelligence Systems Development	07	15,484				15,484	U
258	1160408BB	Operational Enhancements	07	166,922		726	726	167,648	U
259	1160431BB	Warrior Systems	07	62,332		6,000	6,000	68,332	U
260	1160432BB	Special Programs	07	21,805				21,805	U
261	1160434BB	Unmanned ISR	07	37,377		5,000	5,000	42,377	U
262	1160480BB	SOF Tactical Vehicles	07	11,150				11,150	U
263	1160483BB	Maritime Systems	07	72,626				72,626	U
264	1160489BB	Global Video Surveillance Activities	07	5,363				5,363	U
265	1160490BB	Operational Enhancements Intelligence	07	12,962				12,962	U
266	1203610K	Teleport Program	07	6,158				6,158	U
9999	9999999999	Classified Programs		4,116,640	426,000	200,199	626,199	4,742,839	U
		Operational System Development		5,832,398		211,925	637,925	6,470,323	
Total Research, Development, Test & Eval, DW				24,346,953		401,950	827,950	25,174,903	

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Defense-Wide
FY 2020 President's Budget
Exhibit R-1 FY 2020 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Mar 2019

Summary Recap of Budget Activities -----	FY 2018 (Base + OCO) -----	FY 2019 Base Enacted -----	FY 2019 OCO Enacted -----	FY 2019 Total Enacted -----
Management Support	208,587	377,001		377,001
Total Research, Development, Test & Evaluation	208,587	377,001		377,001
 Summary Recap of FYDP Programs -----				
Research and Development	208,587	377,001		377,001
Total Research, Development, Test & Evaluation	208,587	377,001		377,001

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Defense-Wide
FY 2020 President's Budget
Exhibit R-1 FY 2020 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Mar 2019

	FY 2020 Base	FY 2020 OCO for Base Requirements	FY 2020 OCO for Direct War and Enduring Costs	FY 2020 Total OCO	FY 2020 Total (Base + OCO)
Summary Recap of Budget Activities -----					
Management Support	221,200				221,200
Total Research, Development, Test & Evaluation	221,200				221,200
Summary Recap of FYDP Programs -----					
Research and Development	221,200				221,200
Total Research, Development, Test & Evaluation	221,200				221,200

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Defense-Wide
FY 2020 President's Budget
Exhibit R-1 FY 2020 President's Budget
Total Obligational Authority
(Dollars in Thousands)

05 Mar 2019

Appropriation: 0460D Operational Test & Eval, Defense

Line No	Program Element Number	Item	Act	FY 2018 (Base + OCO)	FY 2019 Base Enacted	FY 2019 OCO Enacted	FY 2019 Total Enacted	S e c
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1	0605118	OTE Operational Test and Evaluation	06	83,190	85,685		85,685	U
2	0605131	OTE Live Fire Test and Evaluation	06	58,950	64,332		64,332	U
3	0605814	OTE Operational Test Activities and Analyses	06	66,447	226,984		226,984	U
		Management Support		208,587	377,001		377,001	
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				208,587	377,001		377,001	

Total Operational Test & Eval, Defense

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Defense-Wide
 FY 2020 President's Budget
 Exhibit R-1 FY 2020 President's Budget
 Total Obligational Authority
 (Dollars in Thousands)

05 Mar 2019

Appropriation: 0460D Operational Test & Eval, Defense

Line No	Program Element Number	Item	Act	FY 2020 Base	FY 2020 OCO for Base Requirements	FY 2020 OCO for Direct War and Enduring Costs	FY 2020 Total OCO	FY 2020 Total (Base + OCO)	Se
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1	0605118	OTE Operational Test and Evaluation	06	93,291				93,291	U
2	0605131	OTE Live Fire Test and Evaluation	06	69,172				69,172	U
3	0605814	OTE Operational Test Activities and Analyses	06	58,737				58,737	U
		Management Support		221,200				221,200	
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				221,200				221,200	

Total Operational Test & Eval, Defense