

UNCLASSIFIED

Department of Defense
FY 2019 President's Budget
Exhibit R-1 FY 2019 President's Budget
Total Obligational Authority
(Dollars in Thousands)

01 Feb 2018

Appropriation	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO
Research, Development, Test & Eval, DW	4,084,372	4,041,233	4,041,233	25,000	25,000
Total Research, Development, Test & Evaluation	4,084,372	4,041,233	4,041,233	25,000	25,000

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	FY 2018 Emergency Requests**	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency
Appropriation						

Research, Development, Test & Eval, DW	368,100	-368,100		4,434,333	-368,100	4,066,233
Total Research, Development, Test & Evaluation	368,100	-368,100		4,434,333	-368,100	4,066,233

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01 Feb 2018

Appropriation -----	FY 2019 Base	FY 2019 OCO	FY 2019 Total
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Research, Development, Test & Eval, DW	4,650,932	25,000	4,675,932
Total Research, Development, Test & Evaluation	4,650,932	25,000	4,675,932

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	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO
<u>Summary Recap of Budget Activities</u>					
Basic Research	176,454	140,775	140,775		
Applied Research	134,909	141,815	141,815		
Advanced Technology Development	1,172,233	1,128,893	1,128,893	25,000	25,000
Advanced Component Development And Prototypes	1,556,862	1,685,375	1,685,375		
System Development And Demonstration	284,189	341,821	341,821		
Management Support	690,532	534,872	534,872		
Operational System Development	69,193	67,682	67,682		
Total Research, Development, Test & Evaluation	4,084,372	4,041,233	4,041,233	25,000	25,000
<u>Summary Recap of FYDP Programs</u>					
General Purpose Forces	2,070	2,551	2,551		
Intelligence and Communications	85,848	118,990	118,990		
Research and Development	3,966,868	3,919,692	3,919,692	25,000	25,000
Training Medical and Other	29,149				
Administration and Associated Activities	437				
Total Research, Development, Test & Evaluation	4,084,372	4,041,233	4,041,233	25,000	25,000

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<u>Summary Recap of Budget Activities</u>						
Basic Research				140,775		140,775
Applied Research				141,815		141,815
Advanced Technology Development	5,000	-5,000		1,158,893	-5,000	1,153,893
Advanced Component Development And Prototypes	333,100	-333,100		2,018,475	-333,100	1,685,375
System Development And Demonstration				341,821		341,821
Management Support	30,000	-30,000		564,872	-30,000	534,872
Operational System Development				67,682		67,682
Total Research, Development, Test & Evaluation	368,100	-368,100		4,434,333	-368,100	4,066,233
<u>Summary Recap of FYDP Programs</u>						
General Purpose Forces				2,551		2,551
Intelligence and Communications				118,990		118,990
Research and Development	368,100	-368,100		4,312,792	-368,100	3,944,692
Training Medical and Other						
Administration and Associated Activities						
Total Research, Development, Test & Evaluation	368,100	-368,100		4,434,333	-368,100	4,066,233

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Summary Recap of Budget Activities	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Basic Research	159,033		159,033
Applied Research	155,723		155,723
Advanced Technology Development	1,236,619	25,000	1,261,619
Advanced Component Development And Prototypes	2,019,673		2,019,673
System Development And Demonstration	386,469		386,469
Management Support	637,055		637,055
Operational System Development	56,360		56,360
Total Research, Development, Test & Evaluation	4,650,932	25,000	4,675,932
Summary Recap of FYDP Programs			
General Purpose Forces	3,008		3,008
Intelligence and Communications	201,078		201,078
Research and Development	4,446,846	25,000	4,471,846
Training Medical and Other			
Administration and Associated Activities			
Total Research, Development, Test & Evaluation	4,650,932	25,000	4,675,932

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Applied Research				141,815		141,815
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Administration and Associated Activities						
Total Research, Development, Test & Evaluation	368,100	-368,100		4,434,333	-368,100	4,066,233

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Administration and Associated Activities			
Total Research, Development, Test & Evaluation	4,650,932	25,000	4,675,932

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Office of Secretary of Defense	4,084,372	4,041,233	4,041,233	25,000	25,000
Total Research, Development, Test & Evaluation	4,084,372	4,041,233	4,041,233	25,000	25,000

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Appropriation						
Office of Secretary of Defense	368,100	-368,100		4,434,333	-368,100	4,066,233
Total Research, Development, Test & Evaluation	368,100	-368,100		4,434,333	-368,100	4,066,233

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Appropriation	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Office of Secretary of Defense	4,650,932	25,000	4,675,932
Total Research, Development, Test & Evaluation	4,650,932	25,000	4,675,932

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

Line No	Program Element Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
3	0601110D8Z	Basic Research Initiatives	01	66,750	40,612	40,612			U
5	0601120D8Z	National Defense Education Program	01	76,995	74,298	74,298			U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	32,709	25,865	25,865			U
		Basic Research		176,454	140,775	140,775			
8	0602000D8Z	Joint Munitions Technology	02	17,611	19,111	19,111			U
10	0602230D8Z	Defense Technology Innovation	02	9,989					U
11	0602234D8Z	Lincoln Laboratory Research Program	02	46,500	49,748	49,748			U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	40,798	49,226	49,226			U
16	0602668D8Z	Cyber Security Research	02	11,906	14,775	14,775			U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	8,105	8,955	8,955			U
		Applied Research		134,909	141,815	141,815			
23	0603000D8Z	Joint Munitions Advanced Technology	03	23,742	25,627	25,627			U
24	0603122D8Z	Combating Terrorism Technology Support	03	113,366	76,230	76,230	25,000	25,000	U
25	0603133D8Z	Foreign Comparative Testing	03	18,966	24,199	24,199			U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	16,618	18,662	18,662			U
36	0603288D8Z	Analytic Assessments	03	11,603	13,154	13,154			U
37	0603289D8Z	Advanced Innovative Analysis and Concepts	03	55,679	37,674	37,674			U

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Total Obligational Authority
(Dollars in Thousands)

01 Feb 2018

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

Line	Program Element No Number	Item	Act	FY 2018 Emergency Requests** Emergency	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + e Emergency c	S
3	0601110D8Z	Basic Research Initiatives	01				40,612		40,612	U
5	0601120D8Z	National Defense Education Program	01				74,298		74,298	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01				25,865		25,865	U
		Basic Research					140,775		140,775	
8	0602000D8Z	Joint Munitions Technology	02				19,111		19,111	U
10	0602230D8Z	Defense Technology Innovation	02							U
11	0602234D8Z	Lincoln Laboratory Research Program	02				49,748		49,748	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02				49,226		49,226	U
16	0602668D8Z	Cyber Security Research	02				14,775		14,775	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02				8,955		8,955	U
		Applied Research					141,815		141,815	
23	0603000D8Z	Joint Munitions Advanced Technology	03				25,627		25,627	U
24	0603122D8Z	Combating Terrorism Technology Support	03				101,230		101,230	U
25	0603133D8Z	Foreign Comparative Testing	03				24,199		24,199	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03				18,662		18,662	U
36	0603288D8Z	Analytic Assessments	03				13,154		13,154	U
37	0603289D8Z	Advanced Innovative Analysis and Concepts	03				37,674		37,674	U

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

Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
3	0601110D8Z	Basic Research Initiatives	01	42,702		42,702	U
5	0601120D8Z	National Defense Education Program	01	85,919		85,919	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	30,412		30,412	U
		Basic Research		159,033		159,033	
8	0602000D8Z	Joint Munitions Technology	02	19,170		19,170	U
10	0602230D8Z	Defense Technology Innovation	02				U
11	0602234D8Z	Lincoln Laboratory Research Program	02	51,596		51,596	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	60,688		60,688	U
16	0602668D8Z	Cyber Security Research	02	14,969		14,969	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	9,300		9,300	U
		Applied Research		155,723		155,723	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,598		25,598	U
24	0603122D8Z	Combating Terrorism Technology Support	03	125,271	25,000	150,271	U
25	0603133D8Z	Foreign Comparative Testing	03	24,532		24,532	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,644		18,644	U
36	0603288D8Z	Analytic Assessments	03	19,472		19,472	U
37	0603289D8Z	Advanced Innovative Analysis and Concepts	03	37,263		37,263	U

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

Line No	Program Element Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S
38	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03		15,000	15,000			U
41	0603375D8Z	Technology Innovation	03	24,895	59,863	59,863			U
43	0603527D8Z	RETRACT LARCH	03	175,135	171,120	171,120			U
44	0603618D8Z	Joint Electronic Advanced Technology	03	21,376	14,389	14,389			U
45	0603648D8Z	Joint Capability Technology Demonstrations	03	127,961	105,871	105,871			U
46	0603662D8Z	Networked Communications Capabilities	03	9,123	12,661	12,661			U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	177,419	136,159	136,159			U
49	0603699D8Z	Emerging Capabilities Technology Development	03	54,279	57,876	57,876			U
52	0603716D8Z	Strategic Environmental Research Program	03	63,177	71,832	71,832			U
54	0603727D8Z	Joint Warfighting Program	03	4,581	6,349	6,349			U
59	0603769D8Z	Distributed Learning Advanced Technology Development	03	10,384	11,211	11,211			U
60	0603781D8Z	Software Engineering Institute	03	13,726	15,047	15,047			U
61	0603826D8Z	Quick Reaction Special Projects	03	77,354	69,203	69,203			U
62	0603833D8Z	Engineering Science & Technology	03	22,198	25,395	25,395			U
63	0603924D8Z	High Energy Laser Advanced Technology Program	03						U

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38	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03				15,000		15,000	U
41	0603375D8Z	Technology Innovation	03	5,000	-5,000		64,863	-5,000	59,863	U
43	0603527D8Z	RETRACT LARCH	03				171,120		171,120	U
44	0603618D8Z	Joint Electronic Advanced Technology	03				14,389		14,389	U
45	0603648D8Z	Joint Capability Technology Demonstrations	03				105,871		105,871	U
46	0603662D8Z	Networked Communications Capabilities	03				12,661		12,661	U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03				136,159		136,159	U
49	0603699D8Z	Emerging Capabilities Technology Development	03				57,876		57,876	U
52	0603716D8Z	Strategic Environmental Research Program	03				71,832		71,832	U
54	0603727D8Z	Joint Warfighting Program	03				6,349		6,349	U
59	0603769D8Z	Distributed Learning Advanced Technology Development	03				11,211		11,211	U
60	0603781D8Z	Software Engineering Institute	03				15,047		15,047	U
61	0603826D8Z	Quick Reaction Special Projects	03				69,203		69,203	U
62	0603833D8Z	Engineering Science & Technology	03				25,395		25,395	U
63	0603924D8Z	High Energy Laser Advanced Technology Program	03							U

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41	0603375D8Z	Technology Innovation	03	83,143		83,143	U
43	0603527D8Z	RETRACT LARCH	03	161,128		161,128	U
44	0603618D8Z	Joint Electronic Advanced Technology	03	12,918		12,918	U
45	0603648D8Z	Joint Capability Technology Demonstrations	03	106,049		106,049	U
46	0603662D8Z	Networked Communications Capabilities	03	12,696		12,696	U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	114,637		114,637	U
49	0603699D8Z	Emerging Capabilities Technology Development	03	48,338		48,338	U
52	0603716D8Z	Strategic Environmental Research Program	03	76,514		76,514	U
54	0603727D8Z	Joint Warfighting Program	03	5,992		5,992	U
59	0603769D8Z	Distributed Learning Advanced Technology Development	03	13,564		13,564	U
60	0603781D8Z	Software Engineering Institute	03	15,050		15,050	U
61	0603826D8Z	Quick Reaction Special Projects	03	69,626		69,626	U
62	0603833D8Z	Engineering Science & Technology	03	19,415		19,415	U
63	0603924D8Z	High Energy Laser Advanced Technology Program	03	69,533		69,533	U

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64	0603941D8Z	Test & Evaluation Science & Technology	03	89,605	89,586	89,586			U
65	0604055D8Z	Operational Energy Capability Improvement	03	41,459	38,403	38,403			U
66	0303310D8Z	CWMD Systems	03	19,587	33,382	33,382			U
		Advanced Technology Development		1,172,233	1,128,893	1,128,893	25,000	25,000	
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	25,851	32,937	32,937			U
69	0603600D8Z	WALKOFF	04	96,038	101,714	101,714			U
70	0603821D8Z	Acquisition Enterprise Data & Information Services	04	1,761	2,198	2,198			U
71	0603851D8Z	Environmental Security Technical Certification Program	04	46,440	54,583	54,583			U
89	0603920D8Z	Humanitarian Demining	04	9,740	10,837	10,837			U
90	0603923D8Z	Coalition Warfare	04	9,789	10,740	10,740			U
91	0604016D8Z	Department of Defense Corrosion Program	04	14,394	3,837	3,837			U
93	0604132D8Z	Missile Defeat Project	04	138,350	98,369	98,369			U
96	0604250D8Z	Advanced Innovative Technologies	04	850,762	1,175,832	1,175,832			U
97	0604294D8Z	Trusted & Assured Microelectronics	04		83,626	83,626			U
98	0604331D8Z	Rapid Prototyping Program	04	100,000	100,000	100,000			U
99	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	7,254	3,967	3,967			U

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Line	Program Element No Number	Item	Act	FY 2018 Emergency Requests** Emergency	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency	S e c
64	0603941D8Z	Test & Evaluation Science & Technology	03				89,586		89,586	U
65	0604055D8Z	Operational Energy Capability Improvement	03				38,403		38,403	U
66	0303310D8Z	CWMD Systems	03				33,382		33,382	U
		Advanced Technology Development		5,000	-5,000		1,158,893	-5,000	1,153,893	
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04				32,937		32,937	U
69	0603600D8Z	WALKOFF	04				101,714		101,714	U
70	0603821D8Z	Acquisition Enterprise Data & Information Services	04				2,198		2,198	U
71	0603851D8Z	Environmental Security Technical Certification Program	04				54,583		54,583	U
89	0603920D8Z	Humanitarian Demining	04				10,837		10,837	U
90	0603923D8Z	Coalition Warfare	04				10,740		10,740	U
91	0604016D8Z	Department of Defense Corrosion Program	04				3,837		3,837	U
93	0604132D8Z	Missile Defeat Project	04	26,400	-26,400		124,769	-26,400	98,369	U
96	0604250D8Z	Advanced Innovative Technologies	04	306,700	-306,700		1,482,532	-306,700	1,175,832	U
97	0604294D8Z	Trusted & Assured Microelectronics	04				83,626		83,626	U
98	0604331D8Z	Rapid Prototyping Program	04				100,000		100,000	U
99	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04				3,967		3,967	U

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se c
64	0603941D8Z	Test & Evaluation Science & Technology	03	96,389		96,389	U
65	0604055D8Z	Operational Energy Capability Improvement	03	40,582		40,582	U
66	0303310D8Z	CWMD Systems	03	26,644		26,644	U
		Advanced Technology Development		1,236,619	25,000	1,261,619	
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	28,140		28,140	U
69	0603600D8Z	WALKOFF	04	92,222		92,222	U
70	0603821D8Z	Acquisition Enterprise Data & Information Services	04	2,506		2,506	U
71	0603851D8Z	Environmental Security Technical Certification Program	04	40,016		40,016	U
89	0603920D8Z	Humanitarian Demining	04	11,347		11,347	U
90	0603923D8Z	Coalition Warfare	04	8,528		8,528	U
91	0604016D8Z	Department of Defense Corrosion Program	04	3,477		3,477	U
93	0604132D8Z	Missile Defeat Project	04	58,607		58,607	U
96	0604250D8Z	Advanced Innovative Technologies	04	1,431,702		1,431,702	U
97	0604294D8Z	Trusted & Assured Microelectronics	04	233,142		233,142	U
98	0604331D8Z	Rapid Prototyping Program	04	99,333		99,333	U
99	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	3,781		3,781	U

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Line	Program Element No Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
101	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,850	3,833	3,833			U
102	0604775D8Z	Defense Rapid Innovation Program	04	250,000					U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,633	2,902	2,902			U
		Advanced Component Development And Prototypes		1,556,862	1,685,375	1,685,375			
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	10,152	12,536	12,536			U
119	0604165D8Z	Prompt Global Strike Capability Development	05	161,100	201,749	201,749			U
121	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	15,691	15,358	15,358			U
125	0605022D8Z	Defense Exportability Program	05	2,853	3,162	3,162			U
126	0605027D8Z	OUSD(C) IT Development Initiatives	05	16,131	21,353	21,353			U
128	0605075D8Z	DCMO Policy and Integration	05		2,810	2,810			U
131	0605140D8Z	Trusted Foundry	05	67,252					U
132	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	8,310	11,870	11,870			U
133	0605294D8Z	Trusted & Assured Microelectronics	05		61,084	61,084			U
135	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	2,700	3,669	3,669			U
136	0305310D8Z	CWMD Systems: System Development and Demonstration	05		8,230	8,230			U
		System Development And Demonstration		284,189	341,821	341,821			

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101	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04				3,833		3,833	U
102	0604775D8Z	Defense Rapid Innovation Program	04							U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04				2,902		2,902	U
		Advanced Component Development And Prototypes		333,100	-333,100		2,018,475	-333,100	1,685,375	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05				12,536		12,536	U
119	0604165D8Z	Prompt Global Strike Capability Development	05				201,749		201,749	U
121	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05				15,358		15,358	U
125	0605022D8Z	Defense Exportability Program	05				3,162		3,162	U
126	0605027D8Z	OUSD(C) IT Development Initiatives	05				21,353		21,353	U
128	0605075D8Z	DCMO Policy and Integration	05				2,810		2,810	U
131	0605140D8Z	Trusted Foundry	05							U
132	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05				11,870		11,870	U
133	0605294D8Z	Trusted & Assured Microelectronics	05				61,084		61,084	U
135	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05				3,669		3,669	U
136	0305310D8Z	CWMD Systems: System Development and Demonstration	05				8,230		8,230	U
		System Development And Demonstration					341,821		341,821	

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101	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,768		3,768	U
102	0604775D8Z	Defense Rapid Innovation Program	04				U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	3,104		3,104	U
		Advanced Component Development And Prototypes		2,019,673		2,019,673	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	8,333		8,333	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	263,414		263,414	U
121	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	19,503		19,503	U
125	0605022D8Z	Defense Exportability Program	05	1,489		1,489	U
126	0605027D8Z	OUSD(C) IT Development Initiatives	05	9,590		9,590	U
128	0605075D8Z	DCMO Policy and Integration	05	2,105		2,105	U
131	0605140D8Z	Trusted Foundry	05				U
132	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	6,374		6,374	U
133	0605294D8Z	Trusted & Assured Microelectronics	05	56,178		56,178	U
135	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	2,435		2,435	U
136	0305310D8Z	CWMD Systems: System Development and Demonstration	05	17,048		17,048	U
		System Development And Demonstration		386,469		386,469	

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137	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	4,672	6,941	6,941			U
138	0604875D8Z	Joint Systems Architecture Development	06	2,948	4,851	4,851			U
139	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	212,389	211,325	211,325			U
140	0604942D8Z	Assessments and Evaluations	06	27,626	30,144	30,144			U
142	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	65,062	91,057	91,057			U
143	0605104D8Z	Technical Studies, Support and Analysis	06	20,300	22,386	22,386			U
145	0605128D8Z	Classified Program USD(P)	06	130,000					U
146	0605142D8Z	Systems Engineering	06	31,276	37,622	37,622			U
147	0605151D8Z	Studies and Analysis Support - OSD	06	2,675	5,200	5,200			U
148	0605161D8Z	Nuclear Matters-Physical Security	06	5,101	5,232	5,232			U
149	0605170D8Z	Support to Networks and Information Integration	06	6,996	12,583	12,583			U
150	0605200D8Z	General Support to USD (Intelligence)	06	1,872	31,451	31,451			U
155	0605502D8Z	Small Business Innovative Research	06	84,770					U
159	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,185	2,372	2,372			U
160	0605798D8Z	Defense Technology Analysis	06	24,965	24,365	24,365			U

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137	0604774D8Z	Defense Readiness Reporting System (DRRS)	06				6,941		6,941	U
138	0604875D8Z	Joint Systems Architecture Development	06				4,851		4,851	U
139	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06				211,325		211,325	U
140	0604942D8Z	Assessments and Evaluations	06				30,144		30,144	U
142	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06				91,057		91,057	U
143	0605104D8Z	Technical Studies, Support and Analysis	06				22,386		22,386	U
145	0605128D8Z	Classified Program USD(P)	06							U
146	0605142D8Z	Systems Engineering	06				37,622		37,622	U
147	0605151D8Z	Studies and Analysis Support - OSD	06				5,200		5,200	U
148	0605161D8Z	Nuclear Matters-Physical Security	06				5,232		5,232	U
149	0605170D8Z	Support to Networks and Information Integration	06				12,583		12,583	U
150	0605200D8Z	General Support to USD (Intelligence)	06	30,000	-30,000		61,451	-30,000	31,451	U
155	0605502D8Z	Small Business Innovative Research	06							U
159	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06				2,372		2,372	U
160	0605798D8Z	Defense Technology Analysis	06				24,365		24,365	U

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137	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	6,661		6,661	U
138	0604875D8Z	Joint Systems Architecture Development	06	4,088		4,088	U
139	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	258,796		258,796	U
140	0604942D8Z	Assessments and Evaluations	06	31,356		31,356	U
142	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	84,184		84,184	U
143	0605104D8Z	Technical Studies, Support and Analysis	06	22,576		22,576	U
145	0605128D8Z	Classified Program USD(P)	06				U
146	0605142D8Z	Systems Engineering	06	38,872		38,872	U
147	0605151D8Z	Studies and Analysis Support - OSD	06	3,534		3,534	U
148	0605161D8Z	Nuclear Matters-Physical Security	06	5,050		5,050	U
149	0605170D8Z	Support to Networks and Information Integration	06	11,450		11,450	U
150	0605200D8Z	General Support to USD (Intelligence)	06	1,693		1,693	U
155	0605502D8Z	Small Business Innovative Research	06				U
159	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,545		2,545	U
160	0605798D8Z	Defense Technology Analysis	06	24,487		24,487	U

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163	0605804D8Z	Development Test and Evaluation	06	20,822	20,571	20,571			U
166	0606100D8Z	Budget and Program Assessments	06	3,863	3,992	3,992			U
167	0606225D8Z	ODNA Technology and Resource Analysis	06		1,000	1,000			U
171	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	2,070	2,551	2,551			U
176	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	843	1,006	1,006			U
178	0305193D8Z	Cyber Intelligence	06	10,511					U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06		18,992	18,992			U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06		1,231	1,231			U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06	29,149					U
188	0909999D8Z	Financing for Cancelled Account Adjustments	06	437					U
		Management Support		690,532	534,872	534,872			
192	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	15,584	10,882	10,882			U
193	0607310D8Z	CWMD Systems: Operational Systems Development	07	4,035	7,222	7,222			U
208	0303140D8Z	Information Systems Security Program	07	8,560	9,415	9,415			U
224	0305186D8Z	Policy R&D Programs	07	3,120	6,526	6,526			U

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163	0605804D8Z	Development Test and Evaluation	06				20,571		20,571	U
166	0606100D8Z	Budget and Program Assessments	06				3,992		3,992	U
167	0606225D8Z	ODNA Technology and Resource Analysis	06				1,000		1,000	U
171	0203345D8Z	Defense Operations Security Initiative (DOSI)	06				2,551		2,551	U
176	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06				1,006		1,006	U
178	0305193D8Z	Cyber Intelligence	06							U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06				18,992		18,992	U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06				1,231		1,231	U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06							U
188	0909999D8Z	Financing for Cancelled Account Adjustments	06							U
	Management Support			30,000	-30,000		564,872	-30,000	534,872	
192	0607210D8Z	Industrial Base Analysis and Sustainment Support	07				10,882		10,882	U
193	0607310D8Z	CWMD Systems: Operational Systems Development	07				7,222		7,222	U
208	0303140D8Z	Information Systems Security Program	07				9,415		9,415	U
224	0305186D8Z	Policy R&D Programs	07				6,526		6,526	U

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	S e c
163	0605804D8Z	Development Test and Evaluation	06	20,179		20,179	U
166	0606100D8Z	Budget and Program Assessments	06	5,768		5,768	U
167	0606225D8Z	ODNA Technology and Resource Analysis	06	1,030		1,030	U
171	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	3,008		3,008	U
176	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	1,005		1,005	U
178	0305193D8Z	Cyber Intelligence	06				U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	109,529		109,529	U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06	1,244		1,244	U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06				U
188	0909999D8Z	Financing for Cancelled Account Adjustments	06				U
		Management Support		637,055		637,055	
192	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	10,376		10,376	U
193	0607310D8Z	CWMD Systems: Operational Systems Development	07	5,915		5,915	U
208	0303140D8Z	Information Systems Security Program	07	7,940		7,940	U
224	0305186D8Z	Policy R&D Programs	07	6,262		6,262	U

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225	0305199D8Z	Net Centricity	07	17,357	18,455	18,455			U
234	0305387D8Z	Homeland Defense Technology Transfer Program	07	7,052	2,071	2,071			U
240	0307577D8Z	Intelligence Mission Data (IMD)	07	13,485	13,111	13,111			U
		Operational System Development		69,193	67,682	67,682			
Total Research, Development, Test & Eval, DW				4,084,372	4,041,233	4,041,233	25,000	25,000	

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Line	Program Element No Number	Item	Act	FY 2018 Emergency Requests** Emergency	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + e Emergency c	S
225	0305199D8Z	Net Centricity	07				18,455		18,455	U
234	0305387D8Z	Homeland Defense Technology Transfer Program	07				2,071		2,071	U
240	0307577D8Z	Intelligence Mission Data (IMD)	07				13,111		13,111	U
		Operational System Development					67,682		67,682	
Total Research, Development, Test & Eval, DW				368,100	-368,100		4,434,333	-368,100	4,066,233	

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
225	0305199D8Z	Net Centricity	07	16,780		16,780	U
234	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,198		2,198	U
240	0307577D8Z	Intelligence Mission Data (IMD)	07	6,889		6,889	U
		Operational System Development		56,360		56,360	
Total Research, Development, Test & Eval, DW				4,650,932	25,000	4,675,932	

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Program Line Element No Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
3 0601110D8Z	Basic Research Initiatives	01	66,750	40,612	40,612			U
5 0601120D8Z	National Defense Education Program	01	76,995	74,298	74,298			U
6 0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	32,709	25,865	25,865			U
Basic Research			176,454	140,775	140,775			
8 0602000D8Z	Joint Munitions Technology	02	17,611	19,111	19,111			U
10 0602230D8Z	Defense Technology Innovation	02	9,989					U
11 0602234D8Z	Lincoln Laboratory Research Program	02	46,500	49,748	49,748			U
12 0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	40,798	49,226	49,226			U
16 0602668D8Z	Cyber Security Research	02	11,906	14,775	14,775			U
21 0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	8,105	8,955	8,955			U
Applied Research			134,909	141,815	141,815			
23 0603000D8Z	Joint Munitions Advanced Technology	03	23,742	25,627	25,627			U
24 0603122D8Z	Combating Terrorism Technology Support	03	113,366	76,230	76,230	25,000	25,000	U
25 0603133D8Z	Foreign Comparative Testing	03	18,966	24,199	24,199			U
32 0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	16,618	18,662	18,662			U
36 0603288D8Z	Analytic Assessments	03	11,603	13,154	13,154			U
37 0603289D8Z	Advanced Innovative Analysis and Concepts	03	55,679	37,674	37,674			U

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Program			FY 2018	FY 2018	FY 2018	FY 2018	FY 2018	
Line	Element	Item	Emergency	Less Enacted	Emergency	Total	Less Enacted	Remaining Req
No	Number		Requests**	Div B	Remaining Req	PB Requests*	DIV B	with CR Adj
			Emergency	P.L.115-96***	Emergency	Base + OCO +	P.L.115-96***	Base + OCO + e
				MDDE + Ship		Emergency**	MDDE + Ship	Emergency
				Repairs			Repairs	
3	0601110D8Z	Basic Research Initiatives	01			40,612		40,612 U
5	0601120D8Z	National Defense Education Program	01			74,298		74,298 U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01			25,865		25,865 U
		Basic Research				140,775		140,775
8	0602000D8Z	Joint Munitions Technology	02			19,111		19,111 U
10	0602230D8Z	Defense Technology Innovation	02					U
11	0602234D8Z	Lincoln Laboratory Research Program	02			49,748		49,748 U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02			49,226		49,226 U
16	0602668D8Z	Cyber Security Research	02			14,775		14,775 U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02			8,955		8,955 U
		Applied Research				141,815		141,815
23	0603000D8Z	Joint Munitions Advanced Technology	03			25,627		25,627 U
24	0603122D8Z	Combating Terrorism Technology Support	03			101,230		101,230 U
25	0603133D8Z	Foreign Comparative Testing	03			24,199		24,199 U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03			18,662		18,662 U
36	0603288D8Z	Analytic Assessments	03			13,154		13,154 U
37	0603289D8Z	Advanced Innovative Analysis and Concepts	03			37,674		37,674 U

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
3	0601110D8Z	Basic Research Initiatives	01	42,702		42,702	U
5	0601120D8Z	National Defense Education Program	01	85,919		85,919	U
6	0601228D8Z	Historically Black Colleges and Universities/Minority Institutions	01	30,412		30,412	U
Basic Research				159,033		159,033	
8	0602000D8Z	Joint Munitions Technology	02	19,170		19,170	U
10	0602230D8Z	Defense Technology Innovation	02				U
11	0602234D8Z	Lincoln Laboratory Research Program	02	51,596		51,596	U
12	0602251D8Z	Applied Research for the Advancement of S&T Priorities	02	60,688		60,688	U
16	0602668D8Z	Cyber Security Research	02	14,969		14,969	U
21	0602751D8Z	Software Engineering Institute (SEI) Applied Research	02	9,300		9,300	U
Applied Research				155,723		155,723	
23	0603000D8Z	Joint Munitions Advanced Technology	03	25,598		25,598	U
24	0603122D8Z	Combating Terrorism Technology Support	03	125,271	25,000	150,271	U
25	0603133D8Z	Foreign Comparative Testing	03	24,532		24,532	U
32	0603225D8Z	Joint DoD-DoE Munitions Technology Development	03	18,644		18,644	U
36	0603288D8Z	Analytic Assessments	03	19,472		19,472	U
37	0603289D8Z	Advanced Innovative Analysis and Concepts	03	37,263		37,263	U

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Line No	Program Element Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
38	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03		15,000	15,000			U
41	0603375D8Z	Technology Innovation	03	24,895	59,863	59,863			U
43	0603527D8Z	RETRACT LARCH	03	175,135	171,120	171,120			U
44	0603618D8Z	Joint Electronic Advanced Technology	03	21,376	14,389	14,389			U
45	0603648D8Z	Joint Capability Technology Demonstrations	03	127,961	105,871	105,871			U
46	0603662D8Z	Networked Communications Capabilities	03	9,123	12,661	12,661			U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	177,419	136,159	136,159			U
49	0603699D8Z	Emerging Capabilities Technology Development	03	54,279	57,876	57,876			U
52	0603716D8Z	Strategic Environmental Research Program	03	63,177	71,832	71,832			U
54	0603727D8Z	Joint Warfighting Program	03	4,581	6,349	6,349			U
59	0603769D8Z	Distributed Learning Advanced Technology Development	03	10,384	11,211	11,211			U
60	0603781D8Z	Software Engineering Institute	03	13,726	15,047	15,047			U
61	0603826D8Z	Quick Reaction Special Projects	03	77,354	69,203	69,203			U
62	0603833D8Z	Engineering Science & Technology	03	22,198	25,395	25,395			U
63	0603924D8Z	High Energy Laser Advanced Technology Program	03						U

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Line	Program Element No Number	Item	Act	FY 2018 Emergency Requests** Emergency	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + e Emergency c	S
38	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03				15,000		15,000	U
41	0603375D8Z	Technology Innovation	03	5,000	-5,000		64,863	-5,000	59,863	U
43	0603527D8Z	RETRACT LARCH	03				171,120		171,120	U
44	0603618D8Z	Joint Electronic Advanced Technology	03				14,389		14,389	U
45	0603648D8Z	Joint Capability Technology Demonstrations	03				105,871		105,871	U
46	0603662D8Z	Networked Communications Capabilities	03				12,661		12,661	U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03				136,159		136,159	U
49	0603699D8Z	Emerging Capabilities Technology Development	03				57,876		57,876	U
52	0603716D8Z	Strategic Environmental Research Program	03				71,832		71,832	U
54	0603727D8Z	Joint Warfighting Program	03				6,349		6,349	U
59	0603769D8Z	Distributed Learning Advanced Technology Development	03				11,211		11,211	U
60	0603781D8Z	Software Engineering Institute	03				15,047		15,047	U
61	0603826D8Z	Quick Reaction Special Projects	03				69,203		69,203	U
62	0603833D8Z	Engineering Science & Technology	03				25,395		25,395	U
63	0603924D8Z	High Energy Laser Advanced Technology Program	03							U

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se c
38	0603291D8Z	Advanced Innovative Analysis and Concepts - MHA	03	13,621		13,621	U
41	0603375D8Z	Technology Innovation	03	83,143		83,143	U
43	0603527D8Z	RETRACT LARCH	03	161,128		161,128	U
44	0603618D8Z	Joint Electronic Advanced Technology	03	12,918		12,918	U
45	0603648D8Z	Joint Capability Technology Demonstrations	03	106,049		106,049	U
46	0603662D8Z	Networked Communications Capabilities	03	12,696		12,696	U
47	0603680D8Z	Defense-Wide Manufacturing Science and Technology Program	03	114,637		114,637	U
49	0603699D8Z	Emerging Capabilities Technology Development	03	48,338		48,338	U
52	0603716D8Z	Strategic Environmental Research Program	03	76,514		76,514	U
54	0603727D8Z	Joint Warfighting Program	03	5,992		5,992	U
59	0603769D8Z	Distributed Learning Advanced Technology Development	03	13,564		13,564	U
60	0603781D8Z	Software Engineering Institute	03	15,050		15,050	U
61	0603826D8Z	Quick Reaction Special Projects	03	69,626		69,626	U
62	0603833D8Z	Engineering Science & Technology	03	19,415		19,415	U
63	0603924D8Z	High Energy Laser Advanced Technology Program	03	69,533		69,533	U

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Line	Program Element No Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
64	0603941D8Z	Test & Evaluation Science & Technology	03	89,605	89,586	89,586			U
65	0604055D8Z	Operational Energy Capability Improvement	03	41,459	38,403	38,403			U
66	0303310D8Z	CWMD Systems	03	19,587	33,382	33,382			U
		Advanced Technology Development		1,172,233	1,128,893	1,128,893	25,000	25,000	
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	25,851	32,937	32,937			U
69	0603600D8Z	WALKOFF	04	96,038	101,714	101,714			U
70	0603821D8Z	Acquisition Enterprise Data & Information Services	04	1,761	2,198	2,198			U
71	0603851D8Z	Environmental Security Technical Certification Program	04	46,440	54,583	54,583			U
89	0603920D8Z	Humanitarian Demining	04	9,740	10,837	10,837			U
90	0603923D8Z	Coalition Warfare	04	9,789	10,740	10,740			U
91	0604016D8Z	Department of Defense Corrosion Program	04	14,394	3,837	3,837			U
93	0604132D8Z	Missile Defeat Project	04	138,350	98,369	98,369			U
96	0604250D8Z	Advanced Innovative Technologies	04	850,762	1,175,832	1,175,832			U
97	0604294D8Z	Trusted & Assured Microelectronics	04		83,626	83,626			U
98	0604331D8Z	Rapid Prototyping Program	04	100,000	100,000	100,000			U
99	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	7,254	3,967	3,967			U

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Program				FY 2018		FY 2018	FY 2018		
Line	Element			Emergency	Less Enacted	Total	Less Enacted	FY 2018	
No	Number	Item	Act	Requests**	Div B	PB Requests*	DIV B	Remaining Req	S
				Emergency	P.L.115-96***	with CR Adj	P.L.115-96***	with CR Adj	
					MDDE + Ship	Base + OCO +	MDDE + Ship	Base + OCO + e	c
					Repairs	Emergency**	Repairs	Emergency	
64	0603941D8Z	Test & Evaluation Science & Technology	03			89,586		89,586	U
65	0604055D8Z	Operational Energy Capability Improvement	03			38,403		38,403	U
66	0303310D8Z	CWMD Systems	03			33,382		33,382	U
	Advanced Technology Development			5,000	-5,000	1,158,893	-5,000	1,153,893	
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04			32,937		32,937	U
69	0603600D8Z	WALKOFF	04			101,714		101,714	U
70	0603821D8Z	Acquisition Enterprise Data & Information Services	04			2,198		2,198	U
71	0603851D8Z	Environmental Security Technical Certification Program	04			54,583		54,583	U
89	0603920D8Z	Humanitarian Demining	04			10,837		10,837	U
90	0603923D8Z	Coalition Warfare	04			10,740		10,740	U
91	0604016D8Z	Department of Defense Corrosion Program	04			3,837		3,837	U
93	0604132D8Z	Missile Defeat Project	04	26,400	-26,400	124,769	-26,400	98,369	U
96	0604250D8Z	Advanced Innovative Technologies	04	306,700	-306,700	1,482,532	-306,700	1,175,832	U
97	0604294D8Z	Trusted & Assured Microelectronics	04			83,626		83,626	U
98	0604331D8Z	Rapid Prototyping Program	04			100,000		100,000	U
99	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04			3,967		3,967	U

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
64	0603941D8Z	Test & Evaluation Science & Technology	03	96,389		96,389	U
65	0604055D8Z	Operational Energy Capability Improvement	03	40,582		40,582	U
66	0303310D8Z	CWMD Systems	03	26,644		26,644	U
		Advanced Technology Development		1,236,619	25,000	1,261,619	
68	0603161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E ADC&P	04	28,140		28,140	U
69	0603600D8Z	WALKOFF	04	92,222		92,222	U
70	0603821D8Z	Acquisition Enterprise Data & Information Services	04	2,506		2,506	U
71	0603851D8Z	Environmental Security Technical Certification Program	04	40,016		40,016	U
89	0603920D8Z	Humanitarian Demining	04	11,347		11,347	U
90	0603923D8Z	Coalition Warfare	04	8,528		8,528	U
91	0604016D8Z	Department of Defense Corrosion Program	04	3,477		3,477	U
93	0604132D8Z	Missile Defeat Project	04	58,607		58,607	U
96	0604250D8Z	Advanced Innovative Technologies	04	1,431,702		1,431,702	U
97	0604294D8Z	Trusted & Assured Microelectronics	04	233,142		233,142	U
98	0604331D8Z	Rapid Prototyping Program	04	99,333		99,333	U
99	0604400D8Z	Department of Defense (DoD) Unmanned System Common Development	04	3,781		3,781	U

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Line No	Program Element Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
101	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,850	3,833	3,833			U
102	0604775D8Z	Defense Rapid Innovation Program	04	250,000					U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	2,633	2,902	2,902			U
		Advanced Component Development And Prototypes		1,556,862	1,685,375	1,685,375			
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	10,152	12,536	12,536			U
119	0604165D8Z	Prompt Global Strike Capability Development	05	161,100	201,749	201,749			U
121	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	15,691	15,358	15,358			U
125	0605022D8Z	Defense Exportability Program	05	2,853	3,162	3,162			U
126	0605027D8Z	OUSD(C) IT Development Initiatives	05	16,131	21,353	21,353			U
128	0605075D8Z	DCMO Policy and Integration	05		2,810	2,810			U
131	0605140D8Z	Trusted Foundry	05	67,252					U
132	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	8,310	11,870	11,870			U
133	0605294D8Z	Trusted & Assured Microelectronics	05		61,084	61,084			U
135	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	2,700	3,669	3,669			U
136	0305310D8Z	CWMD Systems: System Development and Demonstration	05		8,230	8,230			U
		System Development And Demonstration		284,189	341,821	341,821			

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Line	Program Element No Number	Item	Act	FY 2018 Emergency Requests**	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + e	S c
101	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04				3,833		3,833	U
102	0604775D8Z	Defense Rapid Innovation Program	04							U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04				2,902		2,902	U
		Advanced Component Development And Prototypes		333,100	-333,100		2,018,475	-333,100	1,685,375	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05				12,536		12,536	U
119	0604165D8Z	Prompt Global Strike Capability Development	05				201,749		201,749	U
121	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05				15,358		15,358	U
125	0605022D8Z	Defense Exportability Program	05				3,162		3,162	U
126	0605027D8Z	OUSDC IT Development Initiatives	05				21,353		21,353	U
128	0605075D8Z	DCMO Policy and Integration	05				2,810		2,810	U
131	0605140D8Z	Trusted Foundry	05							U
132	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05				11,870		11,870	U
133	0605294D8Z	Trusted & Assured Microelectronics	05				61,084		61,084	U
135	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05				3,669		3,669	U
136	0305310D8Z	CWMD Systems: System Development and Demonstration	05				8,230		8,230	U
		System Development And Demonstration					341,821		341,821	

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

Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
101	0604682D8Z	Wargaming and Support for Strategic Analysis (SSA)	04	3,768		3,768	U
102	0604775D8Z	Defense Rapid Innovation Program	04				U
114	0303191D8Z	Joint Electromagnetic Technology (JET) Program	04	3,104		3,104	U
		Advanced Component Development And Prototypes		2,019,673		2,019,673	
118	0604161D8Z	Nuclear and Conventional Physical Security Equipment RDT&E SDD	05	8,333		8,333	U
119	0604165D8Z	Prompt Global Strike Capability Development	05	263,414		263,414	U
121	0604771D8Z	Joint Tactical Information Distribution System (JTIDS)	05	19,503		19,503	U
125	0605022D8Z	Defense Exportability Program	05	1,489		1,489	U
126	0605027D8Z	OUSDC IT Development Initiatives	05	9,590		9,590	U
128	0605075D8Z	DCMO Policy and Integration	05	2,105		2,105	U
131	0605140D8Z	Trusted Foundry	05				U
132	0605210D8Z	Defense-Wide Electronic Procurement Capabilities	05	6,374		6,374	U
133	0605294D8Z	Trusted & Assured Microelectronics	05	56,178		56,178	U
135	0305304D8Z	DoD Enterprise Energy Information Management (EEIM)	05	2,435		2,435	U
136	0305310D8Z	CWMD Systems: System Development and Demonstration	05	17,048		17,048	U
		System Development And Demonstration		386,469		386,469	

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Line No	Program Element Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S
137	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	4,672	6,941	6,941			U
138	0604875D8Z	Joint Systems Architecture Development	06	2,948	4,851	4,851			U
139	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	212,389	211,325	211,325			U
140	0604942D8Z	Assessments and Evaluations	06	27,626	30,144	30,144			U
142	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	65,062	91,057	91,057			U
143	0605104D8Z	Technical Studies, Support and Analysis	06	20,300	22,386	22,386			U
145	0605128D8Z	Classified Program USD(P)	06	130,000					U
146	0605142D8Z	Systems Engineering	06	31,276	37,622	37,622			U
147	0605151D8Z	Studies and Analysis Support - OSD	06	2,675	5,200	5,200			U
148	0605161D8Z	Nuclear Matters-Physical Security	06	5,101	5,232	5,232			U
149	0605170D8Z	Support to Networks and Information Integration	06	6,996	12,583	12,583			U
150	0605200D8Z	General Support to USD (Intelligence)	06	1,872	31,451	31,451			U
155	0605502D8Z	Small Business Innovative Research	06	84,770					U
159	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,185	2,372	2,372			U
160	0605798D8Z	Defense Technology Analysis	06	24,965	24,365	24,365			U

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Line	Program Element No Number	Item	Act	FY 2018 Emergency Requests** Emergency	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + e Emergency c	S
137	0604774D8Z	Defense Readiness Reporting System (DRRS)	06				6,941		6,941	U
138	0604875D8Z	Joint Systems Architecture Development	06				4,851		4,851	U
139	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06				211,325		211,325	U
140	0604942D8Z	Assessments and Evaluations	06				30,144		30,144	U
142	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06				91,057		91,057	U
143	0605104D8Z	Technical Studies, Support and Analysis	06				22,386		22,386	U
145	0605128D8Z	Classified Program USD(P)	06							U
146	0605142D8Z	Systems Engineering	06				37,622		37,622	U
147	0605151D8Z	Studies and Analysis Support - OSD	06				5,200		5,200	U
148	0605161D8Z	Nuclear Matters-Physical Security	06				5,232		5,232	U
149	0605170D8Z	Support to Networks and Information Integration	06				12,583		12,583	U
150	0605200D8Z	General Support to USD (Intelligence)	06	30,000	-30,000		61,451	-30,000	31,451	U
155	0605502D8Z	Small Business Innovative Research	06							U
159	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06				2,372		2,372	U
160	0605798D8Z	Defense Technology Analysis	06				24,365		24,365	U

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
137	0604774D8Z	Defense Readiness Reporting System (DRRS)	06	6,661		6,661	U
138	0604875D8Z	Joint Systems Architecture Development	06	4,088		4,088	U
139	0604940D8Z	Central Test and Evaluation Investment Development (CTEIP)	06	258,796		258,796	U
140	0604942D8Z	Assessments and Evaluations	06	31,356		31,356	U
142	0605100D8Z	Joint Mission Environment Test Capability (JMETC)	06	84,184		84,184	U
143	0605104D8Z	Technical Studies, Support and Analysis	06	22,576		22,576	U
145	0605128D8Z	Classified Program USD(P)	06				U
146	0605142D8Z	Systems Engineering	06	38,872		38,872	U
147	0605151D8Z	Studies and Analysis Support - OSD	06	3,534		3,534	U
148	0605161D8Z	Nuclear Matters-Physical Security	06	5,050		5,050	U
149	0605170D8Z	Support to Networks and Information Integration	06	11,450		11,450	U
150	0605200D8Z	General Support to USD (Intelligence)	06	1,693		1,693	U
155	0605502D8Z	Small Business Innovative Research	06				U
159	0605790D8Z	Small Business Innovation Research (SBIR)/ Small Business Technology Transfer	06	2,545		2,545	U
160	0605798D8Z	Defense Technology Analysis	06	24,487		24,487	U

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Line	Program Element No Number	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
163	0605804D8Z	Development Test and Evaluation	06	20,822	20,571	20,571			U
166	0606100D8Z	Budget and Program Assessments	06	3,863	3,992	3,992			U
167	0606225D8Z	ODNA Technology and Resource Analysis	06		1,000	1,000			U
171	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	2,070	2,551	2,551			U
176	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	843	1,006	1,006			U
178	0305193D8Z	Cyber Intelligence	06	10,511					U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06		18,992	18,992			U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06		1,231	1,231			U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) MHA	06	29,149					U
188	0909999D8Z	Financing for Cancelled Account Adjustments	06	437					U
	Management Support			690,532	534,872	534,872			
192	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	15,584	10,882	10,882			U
193	0607310D8Z	CWMD Systems: Operational Systems Development	07	4,035	7,222	7,222			U
208	0303140D8Z	Information Systems Security Program	07	8,560	9,415	9,415			U
224	0305186D8Z	Policy R&D Programs	07	3,120	6,526	6,526			U

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Line	Program Element No Number	Item	Act	FY 2018 Emergency Requests**	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency	S e c
163	0605804D8Z	Development Test and Evaluation	06				20,571		20,571	U
166	0606100D8Z	Budget and Program Assessments	06				3,992		3,992	U
167	0606225D8Z	ODNA Technology and Resource Analysis	06				1,000		1,000	U
171	0203345D8Z	Defense Operations Security Initiative (DOSI)	06				2,551		2,551	U
176	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06				1,006		1,006	U
178	0305193D8Z	Cyber Intelligence	06							U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06				18,992		18,992	U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06				1,231		1,231	U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06							U
188	0909999D8Z	Financing for Cancelled Account Adjustments	06							U
	Management Support			30,000	-30,000		564,872	-30,000	534,872	
192	0607210D8Z	Industrial Base Analysis and Sustainment Support	07				10,882		10,882	U
193	0607310D8Z	CWMD Systems: Operational Systems Development	07				7,222		7,222	U
208	0303140D8Z	Information Systems Security Program	07				9,415		9,415	U
224	0305186D8Z	Policy R&D Programs	07				6,526		6,526	U

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
163	0605804D8Z	Development Test and Evaluation	06	20,179		20,179	U
166	0606100D8Z	Budget and Program Assessments	06	5,768		5,768	U
167	0606225D8Z	ODNA Technology and Resource Analysis	06	1,030		1,030	U
171	0203345D8Z	Defense Operations Security Initiative (DOSI)	06	3,008		3,008	U
176	0303260D8Z	Defense Military Deception Program Office (DMDPO)	06	1,005		1,005	U
178	0305193D8Z	Cyber Intelligence	06				U
180	0305245D8Z	Intelligence Capabilities and Innovation Investments	06	109,529		109,529	U
181	0306310D8Z	CWMD Systems: RDT&E Management Support	06	1,244		1,244	U
182	0804767D8Z	COCOM Exercise Engagement and Training Transformation (CE2T2) - MHA	06				U
188	0909999D8Z	Financing for Cancelled Account Adjustments	06				U
	Management Support			637,055		637,055	
192	0607210D8Z	Industrial Base Analysis and Sustainment Support	07	10,376		10,376	U
193	0607310D8Z	CWMD Systems: Operational Systems Development	07	5,915		5,915	U
208	0303140D8Z	Information Systems Security Program	07	7,940		7,940	U
224	0305186D8Z	Policy R&D Programs	07	6,262		6,262	U

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Line	Program Element	Item	Act	FY 2017 (Base + OCO)	FY 2018 PB Request with CR Adj Base	FY 2018 Total PB Requests* with CR Adj Base	FY 2018 PB Request with CR Adj OCO	FY 2018 Total PB Requests+ with CR Adj OCO	S e c
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225	0305199D8Z	Net Centricity	07	17,357	18,455	18,455			U
234	0305387D8Z	Homeland Defense Technology Transfer Program	07	7,052	2,071	2,071			U
240	0307577D8Z	Intelligence Mission Data (IMD)	07	13,485	13,111	13,111			U
		Operational System Development		69,193	67,682	67,682			
				-----	-----	-----	-----	-----	
		Total Office of Secretary of Defense		4,084,372	4,041,233	4,041,233	25,000	25,000	

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Line	Program	Element	Item	Act	FY 2018 Emergency Requests**	FY 2018 Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	FY 2018 Total PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018 Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency	S e c
225	0305199D8Z	Net Centricity		07				18,455		18,455	U
234	0305387D8Z	Homeland Defense Technology Transfer Program		07				2,071		2,071	U
240	0307577D8Z	Intelligence Mission Data (IMD)		07				13,111		13,111	U
		Operational System Development						67,682		67,682	
Total Office of Secretary of Defense					368,100	-368,100		4,434,333	-368,100	4,066,233	

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Line No	Program Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	Se
225	0305199D8Z	Net Centricity	07	16,780		16,780	U
234	0305387D8Z	Homeland Defense Technology Transfer Program	07	2,198		2,198	U
240	0307577D8Z	Intelligence Mission Data (IMD)	07	6,889		6,889	U
		Operational System Development		56,360		56,360	
Total Office of Secretary of Defense				4,650,932	25,000	4,675,932	