

## UNCLASSIFIED

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

06 Feb 2018

## Appropriation

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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
Research, Development, Test & Eval, DW	6,201,226	6,200,711	6,200,711		
Total Research, Development, Test & Evaluation	6,201,226	6,200,711	6,200,711		

## UNCLASSIFIED

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

06 Feb 2018

## Appropriation

	FY 2018 FY 2018 Emergency Requests** -----	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 FY 2018 Remaining Req Emergency	FY 2018 Total 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
Research, Development, Test & Eval, DW	597,500	-597,500		6,798,211	-597,500	6,200,711
Total Research, Development, Test & Evaluation	597,500	-597,500		6,798,211	-597,500	6,200,711

## UNCLASSIFIED

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

06 Feb 2018

Appropriation	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Research, Development, Test & Eval, DW	6,777,299		6,777,299
Total Research, Development, Test & Evaluation	6,777,299		6,777,299

## UNCLASSIFIED

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

06 Feb 2018

	FY 2017 (Base + OCO)	FY 2018		FY 2018	
		PB Request with CR Adj Base	PB Requests* with CR Adj Base	PB Request with CR Adj OCO	PB Requests+ with CR Adj OCO
<b>Summary Recap of Budget Activities</b>					
Advanced Technology Development	159,515	291,554	291,554		
Advanced Component Development And Prototypes	5,924,276	5,879,210	5,879,210		
Management Support	117,435	29,947	29,947		
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>6,201,226</b>	<b>6,200,711</b>	<b>6,200,711</b>		
<b>Summary Recap of FYDP Programs</b>					
Intelligence and Communications	945	986	986		
Research and Development	6,169,588	6,117,877	6,117,877		
Administration and Associated Activities	30,693	29,947	29,947		
Space		51,901	51,901		
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>6,201,226</b>	<b>6,200,711</b>	<b>6,200,711</b>		

## UNCLASSIFIED

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

06 Feb 2018

	FY 2018			FY 2018			FY 2018		
	FY 2018	Less Enacted	FY 2018	PB Requests*	Total	Less Enacted	P.L.115-96***	DIV B	FY 2018
	Emergency Requests**	P.L.115-96***	MDDE + Ship Repairs	Remaining Req Emergency	Base + OCO + Emergency**	Base + OCO + Emergency	MDDE + Ship Repairs	Base + OCO + Emergency	Remaining Req
<b>Summary Recap of Budget Activities</b>									
Advanced Technology Development					291,554				291,554
Advanced Component Development And Prototypes	597,500	-597,500			6,476,710	-597,500			5,879,210
Management Support					29,947				29,947
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>597,500</b>	<b>-597,500</b>			<b>6,798,211</b>	<b>-597,500</b>			<b>6,200,711</b>
<b>Summary Recap of FYDP Programs</b>									
Intelligence and Communications					986				986
Research and Development	583,500	-583,500			6,701,377	-583,500			6,117,877
Administration and Associated Activities					29,947				29,947
Space	14,000	-14,000			65,901	-14,000			51,901
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>597,500</b>	<b>-597,500</b>			<b>6,798,211</b>	<b>-597,500</b>			<b>6,200,711</b>

## UNCLASSIFIED

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

06 Feb 2018

Summary Recap of Budget Activities	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Advanced Technology Development	223,135		223,135
Advanced Component Development And Prototypes	6,522,138		6,522,138
Management Support	32,026		32,026
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>6,777,299</b>		<b>6,777,299</b>
 Summary Recap of FYDP Programs			
Intelligence and Communications	985		985
Research and Development	6,694,249		6,694,249
Administration and Associated Activities	28,626		28,626
Space	53,439		53,439
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>6,777,299</b>		<b>6,777,299</b>

## UNCLASSIFIED

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

06 Feb 2018

	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
<b>Summary Recap of Budget Activities</b>					
Advanced Technology Development	159,515	291,554	291,554		
Advanced Component Development And Prototypes	5,924,276	5,879,210	5,879,210		
Management Support	117,435	29,947	29,947		
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>6,201,226</b>	<b>6,200,711</b>	<b>6,200,711</b>		
<b>Summary Recap of FYDP Programs</b>					
Intelligence and Communications	945	986	986		
Research and Development	6,169,588	6,117,877	6,117,877		
Administration and Associated Activities	30,693	29,947	29,947		
Space		51,901	51,901		
<b>Total Research, Development, Test &amp; Evaluation</b>	<b>6,201,226</b>	<b>6,200,711</b>	<b>6,200,711</b>		

## UNCLASSIFIED

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

06 Feb 2018

## Summary Recap of Budget Activities

	FY 2018 FY 2018 Emergency Requests**	FY 2018 Div B P.L.115-96*** MDDE + Ship Emergency 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 Emergency Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency
Advanced Technology Development				291,554		291,554
Advanced Component Development And Prototypes	597,500	-597,500		6,476,710	-597,500	5,879,210
Management Support				29,947		29,947
Total Research, Development, Test & Evaluation	597,500	-597,500		6,798,211	-597,500	6,200,711
Summary Recap of FYDP Programs				986		986
Intelligence and Communications						
Research and Development	583,500	-583,500		6,701,377	-583,500	6,117,877
Administration and Associated Activities				29,947		29,947
Space	14,000	-14,000		65,901	-14,000	51,901
Total Research, Development, Test & Evaluation	597,500	-597,500		6,798,211	-597,500	6,200,711

## UNCLASSIFIED

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

06 Feb 2018

Summary Recap of Budget Activities	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Advanced Technology Development	223,135		223,135
Advanced Component Development And Prototypes	6,522,138		6,522,138
Management Support	32,026		32,026
Total Research, Development, Test & Evaluation	6,777,299		6,777,299

  

Summary Recap of FYDP Programs	985	985
Intelligence and Communications	985	
Research and Development	6,694,249	6,694,249
Administration and Associated Activities	28,626	28,626
Space	53,439	53,439
Total Research, Development, Test & Evaluation	6,777,299	6,777,299

## UNCLASSIFIED

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

06 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
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Missile Defense Agency	6,201,226	6,200,711	6,200,711		
Total Research, Development, Test & Evaluation	6,201,226	6,200,711	6,200,711		

## UNCLASSIFIED

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

06 Feb 2018

## Appropriation

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	FY 2018 FY 2018 Emergency Requests** -----	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 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
Missile Defense Agency	597,500	-597,500		6,798,211	-597,500	6,200,711
Total Research, Development, Test & Evaluation	597,500	-597,500		6,798,211	-597,500	6,200,711

## UNCLASSIFIED

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

06 Feb 2018

Appropriation	FY 2019 Base	FY 2019 OCO	FY 2019 Total
Missile Defense Agency	6,777,299		6,777,299
Total Research, Development, Test & Evaluation	6,777,299		6,777,299

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number	Item	Act	FY 2017	FY 2018	FY 2018	FY 2018	FY 2018
			(Base + OCO)	PB Request with CR Adj Base	Total with CR Adj Base	PB Request with CR Adj Base	Total with CR Adj OCO
28 0603176C	Advanced Concepts and Performance Assessment	03	14,534	12,996	12,996		U
29 0603178C	Weapons Technology	03	47,403	5,495	5,495		U
30 0603179C	Advanced C4ISR	03	3,489				U
31 0603180C	Advanced Research	03	27,185	20,184	20,184		U
33 0603274C	Special Program - MDA Technology	03	12,509				U
39 0603294C	Common Kill Vehicle Technology	03	54,395	252,879	252,879		U
Advanced Technology Development			159,515	291,554	291,554		
72 0603881C	Ballistic Missile Defense Terminal Defense Segment	04	197,171	230,162	230,162		U
73 0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	1,034,861	828,097	828,097		U
75 0603884C	Ballistic Missile Defense Sensors	04	252,665	247,345	247,345		U
76 0603890C	BMD Enabling Programs	04	435,203	449,442	449,442		U
77 0603891C	Special Programs - MDA	04	289,364	320,190	320,190		U
78 0603892C	AEGIS BMD	04	889,489	852,052	852,052		U
79 0603893C	Space Tracking & Surveillance System	04	37,809				U
80 0603895C	Ballistic Missile Defense System Space Programs	04	20,910				U
81 0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communications	04	465,433	430,115	430,115		U

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No	Item	Act	FY 2018			FY 2018			FY 2018		
			FY 2018 Emergency Requests**	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	Total PB Requests* with CR Adj Base + OCO + Emergency**	Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency	-----	-----	-----
			Emergency Requests**	-----	-----	-----	-----	-----	-----	-----	-----
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28	0603176C Advanced Concepts and Performance Assessment	03				12,996			12,996	U	
29	0603178C Weapons Technology	03				5,495			5,495	U	
30	0603179C Advanced C4ISR	03								U	
31	0603180C Advanced Research	03				20,184			20,184	U	
33	0603274C Special Program - MDA Technology	03								U	
39	0603294C Common Kill Vehicle Technology	03				252,879			252,879	U	
	Advanced Technology Development			-----	-----	-----	291,554		-----	291,554	
72	0603881C Ballistic Missile Defense Terminal Defense Segment	04	62,100	-62,100		292,262	-62,100		230,162	U	
73	0603882C Ballistic Missile Defense Midcourse Defense Segment	04	129,000	-129,000		957,097	-129,000		828,097	U	
75	0603884C Ballistic Missile Defense Sensors	04	30,800	-30,800		278,145	-30,800		247,345	U	
76	0603890C BMD Enabling Programs	04	16,200	-16,200		465,642	-16,200		449,442	U	
77	0603891C Special Programs - MDA	04	45,000	-45,000		365,190	-45,000		320,190	U	
78	0603892C AEGIS BMD	04	8,736	-8,736		860,788	-8,736		852,052	U	
79	0603893C Space Tracking & Surveillance System	04								U	
80	0603895C Ballistic Missile Defense System Space Programs	04								U	
81	0603896C Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	24,747	-24,747		454,862	-24,747		430,115	U	

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line No	Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	S e c
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28	0603176C	Advanced Concepts and Performance Assessment	03	13,017		13,017	U
29	0603178C	Weapons Technology	03				U
30	0603179C	Advanced C4ISR	03				U
31	0603180C	Advanced Research	03	20,365		20,365	U
33	0603274C	Special Program - MDA Technology	03				U
39	0603294C	Common Kill Vehicle Technology	03	189,753		189,753	U
		Advanced Technology Development		223,135		223,135	
72	0603881C	Ballistic Missile Defense Terminal Defense Segment	04	214,173		214,173	U
73	0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	926,359		926,359	U
75	0603884C	Ballistic Missile Defense Sensors	04	220,876		220,876	U
76	0603890C	BMD Enabling Programs	04	540,926		540,926	U
77	0603891C	Special Programs - MDA	04	422,348		422,348	U
78	0603892C	AEGIS BMD	04	767,539		767,539	U
79	0603893C	Space Tracking & Surveillance System	04				U
80	0603895C	Ballistic Missile Defense System Space Programs	04				U
81	0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communicati	04	475,168		475,168	U

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No	Item	Act	FY 2017	FY 2018	FY 2018	FY 2018
			(Base + OCO)	PB Request with CR Adj Base	Total PB Requests* with CR Adj Base	PB Request with CR Adj OCO
82 0603898C	Ballistic Missile Defense Joint Warfighter Support	04	47,402	48,954	48,954	U
83 0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	53,483	53,265	53,265	U
84 0603906C	Regarding Trench	04	7,303	9,113	9,113	U
85 0603907C	Sea Based X-Band Radar (SBX)	04	115,201	130,695	130,695	U
86 0603913C	Israeli Cooperative Programs	04	268,735	105,354	105,354	U
87 0603914C	Ballistic Missile Defense Test	04	294,441	305,791	305,791	U
88 0603915C	Ballistic Missile Defense Targets	04	521,784	410,425	410,425	U
92 0604115C	Technology Maturation Initiatives	04	84,514	128,406	128,406	U
95 0604181C	Hypersonic Defense	04		75,300	75,300	U
100 0604673C	Pacific Discriminating Radar	04				U
104 0604873C	Long Range Discrimination Radar (LRDR)	04	186,172	357,659	357,659	U
105 0604874C	Improved Homeland Defense Interceptors	04	247,362	465,530	465,530	U
106 0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	57,567	36,239	36,239	U
107 0604878C	Aegis BMD Test	04	131,012	134,468	134,468	U
108 0604879C	Ballistic Missile Defense Sensor Test	04	81,376	84,239	84,239	U
109 0604880C	Land-Based SM-3 (LBSM3)	04	40,452	30,486	30,486	U
110 0604881C	AEGIS SM-3 Block IIA Co-Development	04	102,272	9,739	9,739	U

R-119PB: FY 2019 President's Budget (Published Version), as of February 6, 2018 at 12:18:23

UNCLASSIFIED

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number -- -----	Item ----	Act ---	FY 2018			PB Requests* with CR Adj Base + OCO + Emergency** -----	FY 2018			FY 2018 DIV B MDDE + Ship Repairs -----	FY 2018		
			FY 2018 Emergency Requests** -----	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs -----	FY 2018 Remaining Req Emergency -----		Total with CR Adj Base + OCO + Emergency** -----	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs -----	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency** -----				
82 0603898C	Ballistic Missile Defense Joint Warfighter Support	04				48,954				48,954		U	
83 0603904C	Missile Defense Integration & Operations Center (MDIOC)	04				53,265				53,265		U	
84 0603906C	Regarding Trench	04				9,113				9,113		U	
85 0603907C	Sea Based X-Band Radar (SBX)	04	15,000	-15,000		145,695		-15,000		130,695		U	
86 0603913C	Israeli Cooperative Programs	04				105,354				105,354		U	
87 0603914C	Ballistic Missile Defense Test	04	10,402	-10,402		316,193		-10,402		305,791		U	
88 0603915C	Ballistic Missile Defense Targets	04	49,700	-49,700		460,125		-49,700		410,425		U	
92 0604115C	Technology Maturation Initiatives	04				128,406				128,406		U	
95 0604181C	Hypersonic Defense	04				75,300				75,300		U	
100 0604673C	Pacific Discriminating Radar	04										U	
104 0604873C	Long Range Discrimination Radar (LRDR)	04				357,659				357,659		U	
105 0604874C	Improved Homeland Defense Interceptors	04	170,900	-170,900		636,430		-170,900		465,530		U	
106 0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04				36,239				36,239		U	
107 0604878C	Aegis BMD Test	04	3,315	-3,315		137,783		-3,315		134,468		U	
108 0604879C	Ballistic Missile Defense Sensor Test	04	17,600	-17,600		101,839		-17,600		84,239		U	
109 0604880C	Land-Based SM-3 (LBSM3)	04				30,486				30,486		U	
110 0604881C	AEGIS SM-3 Block IIA Co-Development	04				9,739				9,739		U	

R-119PB: FY 2019 President's Budget (Published Version), as of February 6, 2018 at 12:18:23

UNCLASSIFIED

Page D-4A

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	S e c
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82 0603898C	Ballistic Missile Defense Joint Warfighter Support	04	48,767		48,767	U
83 0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	54,925		54,925	U
84 0603906C	Regarding Trench	04	16,916		16,916	U
85 0603907C	Sea Based X-Band Radar (SBX)	04	149,715		149,715	U
86 0603913C	Israeli Cooperative Programs	04	300,000		300,000	U
87 0603914C	Ballistic Missile Defense Test	04	365,681		365,681	U
88 0603915C	Ballistic Missile Defense Targets	04	517,852		517,852	U
92 0604115C	Technology Maturation Initiatives	04	148,822		148,822	U
95 0604181C	Hypersonic Defense	04	120,444		120,444	U
100 0604673C	Pacific Discriminating Radar	04	95,765		95,765	U
104 0604873C	Long Range Discrimination Radar (LRDR)	04	164,562		164,562	U
105 0604874C	Improved Homeland Defense Interceptors	04	561,220		561,220	U
106 0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	61,017		61,017	U
107 0604878C	Aegis BMD Test	04	95,756		95,756	U
108 0604879C	Ballistic Missile Defense Sensor Test	04	81,001		81,001	U
109 0604880C	Land-Based SM-3 (LBSM3)	04	27,692		27,692	U
110 0604881C	AEGIS SM-3 Block IIA Co-Development	04				U

R-119PB: FY 2019 President's Budget (Published Version), as of February 6, 2018 at 12:18:23

UNCLASSIFIED

Page D-4B

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number	Item	Act	FY 2017	FY 2018	FY 2018	FY 2018	FY 2018
			(Base + OCO)	PB Request with CR Adj Base	Total PB Requests* with CR Adj Base	PB Request with CR Adj Base	Total PB Requests+ with CR Adj OCO
111 0604887C	Ballistic Missile Defense Midcourse Segment Test	04	61,350	76,757	76,757		U
112 0604894C	Multi-Object Kill Vehicle	04		6,500	6,500		U
115 0305103C	Cyber Security Initiative	04	945	986	986		U
116 1206893C	Space Tracking & Surveillance System	04		34,907	34,907		U
117 1206895C	Ballistic Missile Defense System Space Programs	04		16,994	16,994		U
Advanced Component Development And Prototypes			-----	-----	-----	-----	-----
			5,924,276	5,879,210	5,879,210		
154 0605502C	Small Business Innovation Research - MDA	06	86,742				U
169 0606942C	Assessments and Evaluations Cyber Vulnerabilities	06					U
185 0901598C	Management HQ - MDA	06	30,693	29,947	29,947		U
	Management Support		117,435	29,947	29,947		
Total Research, Development, Test & Eval, DW			6,201,226	6,200,711	6,200,711		

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No	Item	Act	FY 2018			FY 2018			FY 2018		
			FY 2018 Emergency Requests**	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency	PB Requests* with CR Adj Base + OCO + Emergency**	Total with CR Adj Base + OCO + Emergency**	Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency**	-----	-----
			--	-----	-----	-----	-----	-----	-----	-----	-
111 0604887C	Ballistic Missile Defense Midcourse Segment Test	04					76,757			76,757	U
112 0604894C	Multi-Object Kill Vehicle	04					6,500			6,500	U
115 0305103C	Cyber Security Initiative	04					986			986	U
116 1206893C	Space Tracking & Surveillance System	04					34,907			34,907	U
117 1206895C	Ballistic Missile Defense System Space Programs	04	14,000	-14,000			30,994	-14,000		16,994	U
	Advanced Component Development And Prototypes		597,500	-597,500			6,476,710	-597,500		5,879,210	
154 0605502C	Small Business Innovation Research - MDA	06									U
169 0606942C	Assessments and Evaluations Cyber Vulnerabilities	06									U
185 0901598C	Management HQ - MDA	06					29,947			29,947	U
	Management Support						29,947			29,947	
Total Research, Development, Test & Eval, DW			597,500	-597,500			6,798,211	-597,500		6,200,711	

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line No	Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	S e c
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111	0604887C	Ballistic Missile Defense Midcourse Segment Test	04	81,934		81,934	U
112	0604894C	Multi-Object Kill Vehicle	04	8,256		8,256	U
115	0305103C	Cyber Security Initiative	04	985		985	U
116	1206893C	Space Tracking & Surveillance System	04	36,955		36,955	U
117	1206895C	Ballistic Missile Defense System Space Programs	04	16,484		16,484	U
		Advanced Component Development And Prototypes		6,522,138		6,522,138	
154	0605502C	Small Business Innovation Research - MDA	06				U
169	0606942C	Assessments and Evaluations Cyber Vulnerabilities	06	3,400		3,400	U
185	0901598C	Management HQ - MDA	06	28,626		28,626	U
		Management Support		32,026		32,026	
		Total Research, Development, Test & Eval, DW		6,777,299		6,777,299	

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number	Item	Act	FY 2017	FY 2018	FY 2018	FY 2018
			(Base + OCO)	PB Request with CR Adj Base	Total PB Requests* with CR Adj Base	PB Request with CR Adj OCO
28 0603176C	Advanced Concepts and Performance Assessment	03	14,534	12,996	12,996	U
29 0603178C	Weapons Technology	03	47,403	5,495	5,495	U
30 0603179C	Advanced C4ISR	03	3,489			U
31 0603180C	Advanced Research	03	27,185	20,184	20,184	U
33 0603274C	Special Program - MDA Technology	03	12,509			U
39 0603294C	Common Kill Vehicle Technology	03	54,395	252,879	252,879	U
Advanced Technology Development			159,515	291,554	291,554	
72 0603881C	Ballistic Missile Defense Terminal Defense Segment	04	197,171	230,162	230,162	U
73 0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	1,034,861	828,097	828,097	U
75 0603884C	Ballistic Missile Defense Sensors	04	252,665	247,345	247,345	U
76 0603890C	BMD Enabling Programs	04	435,203	449,442	449,442	U
77 0603891C	Special Programs - MDA	04	289,364	320,190	320,190	U
78 0603892C	AEGIS BMD	04	889,489	852,052	852,052	U
79 0603893C	Space Tracking & Surveillance System	04	37,809			U
80 0603895C	Ballistic Missile Defense System Space Programs	04	20,910			U
81 0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communications	04	465,433	430,115	430,115	U

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number ---	Item ----	Act ---	FY 2018			PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018			FY 2018		
			FY 2018 Emergency Requests** Emergency	Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency		Total with CR Adj Base + OCO + Emergency**	Less Enacted DIV B MDDE + Ship Repairs	FY 2018 Remaining Req with CR Adj Base + OCO + Emergency			
28 0603176C	Advanced Concepts and Performance Assessment	03					12,996			12,996		U
29 0603178C	Weapons Technology	03					5,495			5,495		U
30 0603179C	Advanced C4ISR	03										U
31 0603180C	Advanced Research	03					20,184			20,184		U
33 0603274C	Special Program - MDA Technology	03										U
39 0603294C	Common Kill Vehicle Technology	03					252,879			252,879		U
Advanced Technology Development							291,554			291,554		
72 0603881C	Ballistic Missile Defense Terminal Defense Segment	04	62,100	-62,100			292,262		-62,100	230,162		U
73 0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	129,000	-129,000			957,097		-129,000	828,097		U
75 0603884C	Ballistic Missile Defense Sensors	04	30,800	-30,800			278,145		-30,800	247,345		U
76 0603890C	BMD Enabling Programs	04	16,200	-16,200			465,642		-16,200	449,442		U
77 0603891C	Special Programs - MDA	04	45,000	-45,000			365,190		-45,000	320,190		U
78 0603892C	AEGIS BMD	04	8,736	-8,736			860,788		-8,736	852,052		U
79 0603893C	Space Tracking & Surveillance System	04										U
80 0603895C	Ballistic Missile Defense System Space Programs	04										U
81 0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communications	04	24,747	-24,747			454,862		-24,747	430,115		U

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element		Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	S e c
No Number	Item	---	-----	-----	-----	-
28 0603176C	Advanced Concepts and Performance Assessment	03	13,017		13,017	U
29 0603178C	Weapons Technology	03				U
30 0603179C	Advanced C4ISR	03				U
31 0603180C	Advanced Research	03	20,365		20,365	U
33 0603274C	Special Program - MDA Technology	03				U
39 0603294C	Common Kill Vehicle Technology	03	189,753		189,753	U
	Advanced Technology Development		-----	-----	-----	
			223,135		223,135	
72 0603881C	Ballistic Missile Defense Terminal Defense Segment	04	214,173		214,173	U
73 0603882C	Ballistic Missile Defense Midcourse Defense Segment	04	926,359		926,359	U
75 0603884C	Ballistic Missile Defense Sensors	04	220,876		220,876	U
76 0603890C	BMD Enabling Programs	04	540,926		540,926	U
77 0603891C	Special Programs - MDA	04	422,348		422,348	U
78 0603892C	AEGIS BMD	04	767,539		767,539	U
79 0603893C	Space Tracking & Surveillance System	04				U
80 0603895C	Ballistic Missile Defense System Space Programs	04				U
81 0603896C	Ballistic Missile Defense Command and Control, Battle Management and Communications	04	475,168		475,168	U

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number	Item	Act	FY 2017	FY 2018	FY 2018	FY 2018	FY 2018
			(Base + OCO)	Base	Total PB Requests* with CR Adj	Base	Total PB Requests+ with CR Adj
82 0603898C	Ballistic Missile Defense Joint Warfighter Support	04	47,402	48,954	48,954		U
83 0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	53,483	53,265	53,265		U
84 0603906C	Regarding Trench	04	7,303	9,113	9,113		U
85 0603907C	Sea Based X-Band Radar (SBX)	04	115,201	130,695	130,695		U
86 0603913C	Israeli Cooperative Programs	04	268,735	105,354	105,354		U
87 0603914C	Ballistic Missile Defense Test	04	294,441	305,791	305,791		U
88 0603915C	Ballistic Missile Defense Targets	04	521,784	410,425	410,425		U
92 0604115C	Technology Maturation Initiatives	04	84,514	128,406	128,406		U
95 0604181C	Hypersonic Defense	04		75,300	75,300		U
100 0604673C	Pacific Discriminating Radar	04					U
104 0604873C	Long Range Discrimination Radar (LRDR)	04	186,172	357,659	357,659		U
105 0604874C	Improved Homeland Defense Interceptors	04	247,362	465,530	465,530		U
106 0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	57,567	36,239	36,239		U
107 0604878C	Aegis BMD Test	04	131,012	134,468	134,468		U
108 0604879C	Ballistic Missile Defense Sensor Test	04	81,376	84,239	84,239		U
109 0604880C	Land-Based SM-3 (LBSM3)	04	40,452	30,486	30,486		U
110 0604881C	AEGIS SM-3 Block IIA Co-Development	04	102,272	9,739	9,739		U

R-119PB: FY 2019 President's Budget (Published Version), as of February 6, 2018 at 12:18:23

UNCLASSIFIED

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No	Item	Act	FY 2018			PB Requests* with CR Adj	FY 2018			FY 2018 Remaining Req S
			FY 2018 Emergency Requests**	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency		Total Base + OCO + Emergency**	Less Enacted DIV B P.L.115-96*** MDDE + Ship Repairs		
			Emergency Requests**	-----	-----		-----	-----		
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82 0603898C	Ballistic Missile Defense Joint Warfighter Support	04					48,954			48,954 U
83 0603904C	Missile Defense Integration & Operations Center (MDIOC)	04					53,265			53,265 U
84 0603906C	Regarding Trench	04					9,113			9,113 U
85 0603907C	Sea Based X-Band Radar (SBX)	04	15,000	-15,000			145,695	-15,000		130,695 U
86 0603913C	Israeli Cooperative Programs	04					105,354			105,354 U
87 0603914C	Ballistic Missile Defense Test	04	10,402	-10,402			316,193	-10,402		305,791 U
88 0603915C	Ballistic Missile Defense Targets	04	49,700	-49,700			460,125	-49,700		410,425 U
92 0604115C	Technology Maturation Initiatives	04					128,406			128,406 U
95 0604181C	Hypersonic Defense	04					75,300			75,300 U
100 0604673C	Pacific Discriminating Radar	04								U
104 0604873C	Long Range Discrimination Radar (LRDR)	04					357,659			357,659 U
105 0604874C	Improved Homeland Defense Interceptors	04	170,900	-170,900			636,430	-170,900		465,530 U
106 0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04					36,239			36,239 U
107 0604878C	Aegis BMD Test	04	3,315	-3,315			137,783	-3,315		134,468 U
108 0604879C	Ballistic Missile Defense Sensor Test	04	17,600	-17,600			101,839	-17,600		84,239 U
109 0604880C	Land-Based SM-3 (LBSM3)	04					30,486			30,486 U
110 0604881C	AEGIS SM-3 Block IIA Co-Development	04					9,739			9,739 U

R-119PB: FY 2019 President's Budget (Published Version), as of February 6, 2018 at 12:18:23

UNCLASSIFIED

Page D-7A

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line No	Element Number	Item	Act	FY 2019 Base	FY 2019 OCO	FY 2019 Total	S e c
---	-----	----	---	-----	-----	-----	-
82	0603898C	Ballistic Missile Defense Joint Warfighter Support	04	48,767		48,767	U
83	0603904C	Missile Defense Integration & Operations Center (MDIOC)	04	54,925		54,925	U
84	0603906C	Regarding Trench	04	16,916		16,916	U
85	0603907C	Sea Based X-Band Radar (SBX)	04	149,715		149,715	U
86	0603913C	Israeli Cooperative Programs	04	300,000		300,000	U
87	0603914C	Ballistic Missile Defense Test	04	365,681		365,681	U
88	0603915C	Ballistic Missile Defense Targets	04	517,852		517,852	U
92	0604115C	Technology Maturation Initiatives	04	148,822		148,822	U
95	0604181C	Hypersonic Defense	04	120,444		120,444	U
100	0604673C	Pacific Discriminating Radar	04	95,765		95,765	U
104	0604873C	Long Range Discrimination Radar (LRDR)	04	164,562		164,562	U
105	0604874C	Improved Homeland Defense Interceptors	04	561,220		561,220	U
106	0604876C	Ballistic Missile Defense Terminal Defense Segment Test	04	61,017		61,017	U
107	0604878C	Aegis BMD Test	04	95,756		95,756	U
108	0604879C	Ballistic Missile Defense Sensor Test	04	81,001		81,001	U
109	0604880C	Land-Based SM-3 (LBSM3)	04	27,692		27,692	U
110	0604881C	AEGIS SM-3 Block IIA Co-Development	04				U

R-119PB: FY 2019 President's Budget (Published Version), as of February 6, 2018 at 12:18:23

UNCLASSIFIED

Page D-7B

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No	Item	Act	FY 2017	FY 2018	FY 2018	FY 2018
			(Base + OCO)	PB Request with CR Adj Base	Total PB Requests* with CR Adj Base	PB Request with CR Adj OCO
111 0604887C	Ballistic Missile Defense Midcourse Segment Test	04	61,350	76,757	76,757	U
112 0604894C	Multi-Object Kill Vehicle	04		6,500	6,500	U
115 0305103C	Cyber Security Initiative	04	945	986	986	U
116 1206893C	Space Tracking & Surveillance System	04		34,907	34,907	U
117 1206895C	Ballistic Missile Defense System Space Programs	04		16,994	16,994	U
Advanced Component Development And Prototypes			5,924,276	5,879,210	5,879,210	
154 0605502C	Small Business Innovation Research - MDA	06	86,742			U
169 0606942C	Assessments and Evaluations Cyber Vulnerabilities	06				U
185 0901598C	Management HQ - MDA	06	30,693	29,947	29,947	U
Management Support			117,435	29,947	29,947	
Total Missile Defense Agency			6,201,226	6,200,711	6,200,711	

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number -- -----	Item ----	Act ---	FY 2018			PB Requests* with CR Adj Base + OCO + Emergency**	FY 2018			FY 2018		
			FY 2018 Emergency	Less Enacted Div B P.L.115-96*** MDDE + Ship Repairs	FY 2018 Remaining Req Emergency		DIV B P.L.115-96*** MDDE + Ship Repairs	Remaining Req Base + OCO + Emergency	FY 2018 Remaining Req S Base + OCO + e Emergency			
111 0604887C	Ballistic Missile Defense Midcourse Segment Test	04				76,757			76,757		U	
112 0604894C	Multi-Object Kill Vehicle	04				6,500			6,500		U	
115 0305103C	Cyber Security Initiative	04				986			986		U	
116 1206893C	Space Tracking & Surveillance System	04				34,907			34,907		U	
117 1206895C	Ballistic Missile Defense System Space Programs	04	14,000	-14,000		30,994	-14,000		16,994		U	
	Advanced Component Development And Prototypes		-----	-----	-----	6,476,710	-----	-----	5,879,210			
154 0605502C	Small Business Innovation Research - MDA	06									U	
169 0606942C	Assessments and Evaluations Cyber Vulnerabilities	06									U	
185 0901598C	Management HQ - MDA	06	-----	-----	-----	29,947	-----	-----	29,947		U	
	Management Support		-----	-----	-----	29,947	-----	-----	29,947			
Total Missile Defense Agency			597,500	-597,500		6,798,211	-597,500		6,200,711			

## UNCLASSIFIED

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

06 Feb 2018

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

Program Line Element No Number	Item -----	Act ---	FY 2019 Base	FY 2019 OCO	FY 2019 Total	S e c -
111 0604887C	Ballistic Missile Defense Midcourse Segment Test	04	81,934		81,934	U
112 0604894C	Multi-Object Kill Vehicle	04	8,256		8,256	U
115 0305103C	Cyber Security Initiative	04	985		985	U
116 1206893C	Space Tracking & Surveillance System	04	36,955		36,955	U
117 1206895C	Ballistic Missile Defense System Space Programs	04	16,484		16,484	U
Advanced Component Development And Prototypes			6,522,138		6,522,138	
154 0605502C	Small Business Innovation Research - MDA	06				U
169 0606942C	Assessments and Evaluations Cyber Vulnerabilities	06	3,400		3,400	U
185 0901598C	Management HQ - MDA	06	28,626		28,626	U
Management Support			32,026		32,026	
Total Missile Defense Agency			6,777,299		6,777,299	