

**Missile Defense Agency  
Fiscal Year 2014-2018 President's Budget  
FY 2014 through FY 2018 Appropriation Summary  
(\$ Thousands)**

Line Number	Program Element	Budget Project	Program	Budget Activity	FY12 Actual	FY13	FY14	FY15	FY16	FY17	FY18	FY14-18
Operations & Maintenance												
011A	0208866C		O&M	NA	201,735	259,975	256,201	288,477	314,696	301,788	310,165	1,471,327
		MD07	THAAD	NA	43,903	55,679	91,959	97,234	96,703	110,314	112,275	508,485
		MD09	AEGIS	NA	0	12,163	18,444	23,812	19,062	5,853	6,612	73,783
		MD11	BMDs AN/TPY-2 Radars	NA	157,832	192,133	145,798	167,431	198,931	185,621	191,278	889,059
Budget Activity NA Total				NA	201,735	259,975	256,201	288,477	314,696	301,788	310,165	1,471,327
Operations and Maintenance Total				NA	201,735	259,975	256,201	288,477	314,696	301,788	310,165	1,471,327
Procurement												
NA	0208866C		PROCUREMENT	NA	1,363,238	1,077,775	1,575,528	1,728,924	1,491,814	1,785,207	1,890,023	8,471,496
25		MD07	THAAD	NA	604,650	460,728	581,005	449,665	490,621	468,607	485,588	2,475,486
26		MD09	AEGIS BMD	NA	378,393	389,626	580,814	746,712	745,259	1,018,243	1,093,968	4,184,996
27		MD11	BMDs AN/TPY-2 Radars	NA	380,195	217,244	62,000	80,250	21,000	35,000	35,000	233,250
28		MD73	Aegis Ashore Phase III	NA	0	0	131,400	256,325	38,574	63,884	71,600	561,783
29		MD77	Radar Spares	NA	0	10,177	0	0	0	0	0	0
30		MD83	Iron Dome	NA	0	0	220,309	175,972	0	0	0	396,281
		MD78	Aegis Spares	NA	0	0	0	20,000	46,360	46,473	47,867	160,700
		MD08	Ground Based Midcourse	NA	0	0	0	0	150,000	153,000	156,000	459,000
Budget Activity NA Total				NA	1,363,238	1,077,775	1,575,528	1,728,924	1,491,814	1,785,207	1,890,023	8,471,496
Procurement Total				NA	1,363,238	1,077,775	1,575,528	1,728,924	1,491,814	1,785,207	1,890,023	8,471,496
RDT&E												
32	0603175C		Ballistic Missile Defense Technology	3	67,921	79,975	309,203	212,715	220,185	220,732	220,373	1,183,208
		MD25	Advanced Technology	3	67,484	76,005	229,882	134,166	140,968	140,276	138,372	783,664
		MD85	Common Kill Vehicle	3	0	0	70,000	70,300	70,200	70,100	69,900	350,500
		MD40	Program Wide Support	3	437	3,970	9,321	8,249	9,017	10,356	12,101	49,044
36	0603274C		Special Program - MDA Technology	3	61,371	36,685	40,426	42,208	45,676	46,465	47,074	221,849
		MD81	Special Programs - MDA Technology	3	61,371	36,685	40,426	42,208	45,676	46,465	47,074	221,849
67	0603901C		Directed Energy Research	3	49,563	46,944	0	0	0	0	0	0
		MD69	Directed Energy Research	3	46,243	44,560	0	0	0	0	0	0
		MD40	Program-Wide Support	3	3,320	2,384	0	0	0	0	0	0
68	0603902C		Next Generation Aegis Missile (Standard Missile-3 Block IIB (SM-3 IIB))	3	28,456	224,077	0	0	0	0	0	0
		MD70	Standard Missile-3 Block IIB (SM-3 IIB)	3	28,456	212,704	0	0	0	0	0	0
		MD40	Program-Wide Support	3	0	11,373	0	0	0	0	0	0
Budget Activity 03 Total				3	207,311	387,681	349,629	254,923	265,861	267,197	267,447	1,405,057

Line Number	Program Element	Budget Project	Program	Budget Activity	FY12 Actual	FY13	FY14	FY15	FY16	FY17	FY18	FY14-18
81	0603881C		Ballistic Missile Defense Terminal Defense Segment	4	381,041	316,929	268,990	309,901	227,476	262,488	254,913	1,323,768
		MD07	THAAD	4	371,516	229,869	228,692	174,235	181,607	180,303	162,331	927,168
		MC07	Cyber Operations	4	0	0	530	539	548	557	574	2,748
		MT07	THAAD Test	4	0	70,928	24,547	118,946	32,415	65,559	76,563	318,030
		MD06	Patriot Advanced Capability-3 (PAC-3)	4	1,156	1,145	1,091	1,108	1,219	1,240	1,257	5,915
		MD40	Program-Wide Support	4	8,369	14,987	14,130	15,073	11,687	14,829	14,188	69,907
82	0603882C		Ballistic Missile Defense Midcourse Defense Segment	4	1,143,313	903,172	1,033,903	1,045,500	1,002,568	815,198	781,824	4,678,993
		MD08	Ground Based Midcourse	4	1,095,755	569,622	739,423	745,957	724,329	531,841	484,155	3,225,705
		MC08	Cyber Operations	4	0	0	2,124	2,126	2,129	2,132	2,135	10,646
		MT08	Ground Based Midcourse Test	4	0	80,381	98,895	98,074	73,442	74,986	87,036	432,433
		MX08	Ground Based Midcourse Development Support	4	0	207,133	142,856	152,208	155,397	163,185	170,067	783,713
		MD40	Program-Wide Support	4	47,558	46,036	50,605	47,135	47,271	43,054	38,431	226,496
84	0603884C		Ballistic Missile Defense Sensors	4	222,696	347,012	315,183	340,899	334,705	341,811	278,313	1,610,911
		MD11	BMDs Radars	4	213,384	257,656	236,637	209,844	229,794	252,073	163,323	1,091,671
		MC11	Cyber Operations	4	0	0	1,180	1,212	1,247	1,282	1,319	6,240
		MT11	BMDs Radars Test	4	0	72,388	62,045	114,979	89,319	72,749	100,327	439,419
		MD40	Program-Wide Support	4	9,312	16,968	15,321	14,864	14,345	15,707	13,344	73,581
85	0603888C		Ballistic Missile Defense Test & Targets	4	88,162	0	0	0	0	0	0	0
		MD05	Targets Program	4	88,162	0	0	0	0	0	0	0
86	0603890C		BMD Enabling Programs	4	404,311	362,711	377,605	406,983	434,661	476,444	601,286	2,296,979
		MD24	System Engineering & Integration	4	134,820	88,315	102,979	114,347	150,794	180,920	316,106	865,146
		MT23	Enabling - Test	4	0	32,386	42,850	65,609	41,407	37,078	35,661	222,605
		MD28	Intelligence & Security	4	18,937	36,886	32,161	32,194	34,323	33,939	35,542	168,159
		MD30	BMD Information Management Systems	4	120,313	107,744	92,488	97,019	94,893	105,198	91,517	481,115
		MC30	Cyber Operations	4	0	0	17,443	16,355	16,567	18,445	17,415	86,225
		MD31	Modeling & Simulation	4	50,181	46,608	41,223	32,667	45,358	47,073	51,083	217,404
		MD32	Quality, Safety, and Mission Assurance	4	28,528	34,388	30,140	30,905	32,006	31,834	31,949	156,834
		MD40	Program-Wide Support	4	51,532	16,384	18,321	17,887	19,313	21,957	22,013	99,491
87	0603891C		Special Programs - MDA	4	287,056	272,387	286,613	368,556	370,561	351,220	347,571	1,724,521
		MD27	Special Programs	4	287,056	272,387	286,613	368,556	370,561	351,220	347,571	1,724,521
88	0603892C		AEGIS BMD	4	1,139,019	992,407	937,056	987,729	1,074,941	880,468	876,685	4,756,879
		MD09	Aegis BMD	4	1,094,395	775,978	726,109	777,584	872,289	646,214	593,369	3,615,565
		MC09	Cyber Operations	4	0	0	260	264	269	273	281	1,347
		MT09	Aegis BMD Test	4	0	150,291	137,373	117,521	82,152	116,380	159,295	612,721
		MX09	Aegis BMD Development Support	4	4,427	15,588	23,963	44,883	67,185	73,515	82,641	292,187
		MD40	Program-Wide Support	4	40,197	50,550	49,351	47,477	53,046	44,086	41,099	235,059
89	0603893C		Space Tracking and Surveillance System	4	86,278	51,313	44,947	32,007	33,778	34,555	34,974	180,261
		MD12	Space Tracking and Surveillance System (STSS)	4	85,224	48,708	42,587	30,450	32,047	32,607	33,039	170,730
		MD40	Program-Wide Support	4	1,054	2,605	2,360	1,557	1,731	1,948	1,935	9,531
90	0603895C		Ballistic Missile Defense System Space Programs	4	7,940	6,912	6,515	6,522	7,128	7,289	7,378	34,832
		MD33	MD Space Exp Center (MDSEC)	4	7,940	6,561	6,173	6,205	6,763	6,880	6,972	32,993
		MD40	Program-Wide Support	4	0	351	342	317	365	409	406	1,839

Line Number	Program Element	Budget Project	Program	Budget Activity	FY12 Actual	FY13	FY14	FY15	FY16	FY17	FY18	FY14-18
91	0603896C		Ballistic Missile Defense Command and Control, Battle Management & Communication	4	356,900	366,552	418,355	433,470	454,452	461,991	451,947	2,220,215
		MD01	Command & Control, Battle Management, Communications (C2BMC)	4	285,826	194,367	245,129	251,253	273,981	284,174	271,341	1,325,878
		MC01	Cyber Operations	4	0	0	538	547	556	566	583	2,790
		MT01	C2BMC Test	4	0	59,189	54,280	60,328	54,355	48,127	57,999	275,089
		MX01	Command & Control, Battle Management, Communications (C2BMC) Development Support	4	58,525	94,394	96,257	100,261	102,242	103,085	96,970	498,815
		MD40	Program-Wide Support	4	12,549	18,602	22,151	21,081	23,318	26,039	25,054	117,643
92	0603898C		Ballistic Missile Defense Joint Warfighter Support	4	36,684	55,550	47,419	47,793	53,182	54,037	54,608	257,039
		MD03	Joint Warfighter Support	4	35,054	52,765	44,651	45,212	50,177	50,673	51,266	241,979
		MD40	Program-Wide Support	4	1,630	2,785	2,768	2,581	3,005	3,364	3,342	15,060
93	0603904C		Missile Defense Integration and Operations Center (MDIOC)	4	58,970	63,043	52,131	59,893	52,005	61,751	53,511	279,291
		MD22	Missile Defense Integration and Operations Center (MDIOC)	4	56,129	59,842	48,858	56,443	48,849	57,796	49,903	261,849
		MC22	Cyber Operations	4	0	0	535	537	482	472	635	2,661
		MD40	Program-Wide Support	4	2,841	3,201	2,738	2,913	2,674	3,483	2,973	14,781
94	0603906C		Regarding Trench	4	15,075	11,371	13,864	16,554	10,116	9,550	9,864	59,948
		MD35	Regarding Trench	4	15,075	11,371	13,864	16,554	10,116	9,550	9,864	59,948
95	0603907C		Sea Based X-Band Radar (SBX)	4	183,506	9,730	44,478	54,514	46,232	47,466	51,287	243,977
		MD46	Sea Based X-Band Radar (SBX) Development	4	32,680	0	0	0	0	0	0	0
		MX46	Sea Based X-Band Radar Development Support	4	143,570	9,236	42,143	51,864	43,863	44,803	48,463	231,136
		MD40	Program-Wide Support	4	7,256	494	2,335	2,650	2,369	2,663	2,824	12,841
96	0603913C		Israeli Cooperative Programs	4	235,655	99,836	95,782	96,803	103,940	106,020	107,929	510,474
		MD20	Israeli Upper Tier	4	66,220	50,892	52,607	54,368	55,660	56,773	57,795	277,203
		MD26	Israeli ARROW Program	4	58,910	10,665	10,663	10,701	11,142	11,365	11,570	55,441
		MD34	Short Range Ballistic Missile Defense (SRBMD)	4	110,525	38,279	32,512	31,734	37,138	37,882	38,564	177,830
97	0603914C		Ballistic Missile Defense Test	4	484,838	454,400	375,866	436,063	378,063	400,157	451,776	2,041,925
		MT04	BMDS Test Program	4	443,919	431,847	354,715	415,009	358,751	377,801	427,224	1,933,500
		MC04	Cyber Operations	4	0	0	500	514	523	532	546	2,615
		MX04	BMD Test Development Support	4	33,758	0	0	0	0	0	0	0
		MD40	Program Wide Support	4	7,161	22,553	20,651	20,540	18,789	21,824	24,006	105,810
98	0603915C		Ballistic Missile Defense Targets	4	497,550	435,747	495,257	516,092	406,611	481,527	463,660	2,363,147
		MT05	BMDS Targets Program	4	497,550	414,696	468,713	490,430	385,732	454,847	437,866	2,237,588
		MD40	Program Wide Support	4	0	21,051	26,544	25,662	20,879	26,680	25,794	125,559
111	0604880C		Land Based SM-3 (LBSM3)	4	299,012	276,338	129,374	124,547	51,927	55,808	32,938	394,594
		MD68	AEGIS Ashore	4	290,007	245,211	117,072	96,940	47,811	52,408	30,851	345,082
		MC68	Cyber Operations	4	0	0	242	251	255	260	264	1,272
		MT68	Aegis Ashore Test	4	0	17,100	5,130	21,300	1,200	0	0	27,630
		MD40	Program-Wide Support	4	9,005	14,027	6,930	6,056	2,661	3,140	1,823	20,610
112	0604881C		AEGIS SM-3 Block IIA Co-Development	4	457,529	420,630	308,522	230,466	128,743	41,014	0	708,745
		MD09	SM-3 Block IIA Co-Development	4	441,046	399,284	289,817	211,582	95,892	25,945	0	623,236
		MT09	SM-3 Block IIA Co-Development Test	4	0	0	2,303	7,680	26,254	12,768	0	49,005
		MD40	Program-Wide Support	4	16,483	21,346	16,402	11,204	6,597	2,301	0	36,504

Line Number	Program Element	Budget Project	Program	Budget Activity	FY12 Actual	FY13	FY14	FY15	FY16	FY17	FY18	FY14-18
113	0604883C		Precision Tracking Space System	4	75,097	297,375	0	0	0	0	0	0
		MD10	Precision Tracking Space System (PTSS)	4	73,598	282,283	0	0	0	0	0	0
		MD40	Program-Wide Support	4	1,499	15,092	0	0	0	0	0	0
114	0604886C		Advanced Remote Sensor Technology (ARST)	4	0	58,742	0	0	0	0	0	0
		MD95	Advanced Remote Sensor Technology	4	0	55,760	0	0	0	0	0	0
		MD40	Program-Wide Support	4	0	2,982	0	0	0	0	0	0
116	0305103C		Cyber Security Initiative	4	0	0	946	961	984	1,003	1,022	4,916
		MDCS	Cyber Security Initiative	4	0	0	946	961	984	1,003	1,022	4,916
Budget Activity 04 Total				4	6,460,632	5,802,157	5,252,806	5,515,253	5,172,073	4,889,797	4,861,486	25,691,415
154	0605502C		Small Business Innovative Research - MDA	6	89,963	0	0	0	0	0	0	0
		MD45	Small Business Innovative Research	6	89,963	0	0	0	0	0	0	0
179	0901598C		Management HQ - MDA	6	28,824	34,855	37,712	38,580	39,546	40,320	35,325	191,483
		MD38	Management Headquarters	6	28,824	34,855	37,712	38,580	39,546	40,320	35,325	191,483
Budget Activity 06 Total				6	118,787	34,855	37,712	38,580	39,546	40,320	35,325	191,483
RDT&E Total				6	6,786,730	6,224,693	5,640,147	5,808,756	5,477,480	5,197,314	5,164,258	27,287,955
MILCON												
			Major MILCON	NA	58,800	183,800	199,204	0	162,400	0	0	361,604
			IFFICS Data Terminal Cmplx, Ft. Drum NY	NA	0	25,900	0	0	0	0	0	0
			Mechanical-Electrical Bldg MF #1 Ft Greely, AK	NA	0	0	82,000	0	0	0	0	82,000
			BMDS UEWR, Clear AFS, AK	NA	0	0	17,204	0	0	0	0	17,204
			AN/TPY-2 Radar Site, PACOM	NA	0	0	15,000	0	0	0	0	15,000
			Aegis Ashore Missile Def Sys Cmplx, Romania	NA	0	157,900	85,000	0	0	0	0	85,000
			Aegis Ashore Missile Def Sys Cmplx, Poland	NA	0	0	0	0	162,400	0	0	162,400
			VON BRAUN COMPLEX PHASE IV MAJOR CONSTRUCTION	NA	58,800	0	0	0	0	0	0	0
			Minor MILCON	NA	0	0	2,000	3,501	3,763	3,838	2,572	15,674
				NA	0	0	2,000	3,501	3,763	3,838	2,572	15,674
			MILCON Planning and Design	NA	8,368	4,548	10,891	8,203	6,279	6,547	8,000	39,920
				NA	8,368	4,548	10,891	8,203	6,279	6,547	8,000	39,920
			MILCON Total	NA	67,168	188,348	212,095	11,704	172,442	10,385	10,572	417,198
			Program Total		8,418,871	7,750,791	7,683,971	7,837,861	7,456,432	7,294,694	7,375,018	37,647,976