

## Estimated Missile Defense Spending, FY13-FY17

Benjamin Loehrke | Ploughshares Fund August, 2012

The Department of Defense requested \$9.7 billion for missile defense programs in FY13 and projected it would spend \$47.4 billion over the next five years.\* This spreadsheet disaggregates DoD's missile defense estimate and shows annual spending by year for each counted program.

Appropriation	Agency	Line Item	PE Title	FY13	FY14	FY15	FY16	FY17	Total
MILCON	MDA		Aegis Ashore EPAA Phase II	\$ 157.90	\$ -	\$ -	\$ -	\$ -	\$ 157.90
MILCON	MDA		Aegis Ashore EPAA Phase III	\$ -	\$ -	\$ -	\$ 144.45	\$ -	\$ 144.45
MILCON	MDA		Clear AFS UEWR Upgrade	\$ -	\$ 14.50	\$ -	\$ -	\$ -	\$ 14.50
MILCON	MDA		Fort Drum IDT	\$ 25.90	\$ -	\$ -	\$ -	\$ -	\$ 25.90
MILCON	MDA		Planning & Design/Minor	\$ 4.55	\$ 9.81	\$ 10.83	\$ 10.11	\$ 10.45	\$ 45.74
MILCON	MDA		Von Braun Complex Phase IV	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Procure	MDA	MD07	THAAD	\$ 460.73	\$ 565.94	\$ 447.43	\$ 490.20	\$ 463.74	\$ 2,428.03
Procure	MDA	MD09	Aegis BMD	\$ 389.63	\$ 757.03	\$ 834.35	\$ 775.74	\$ 1,002.96	\$ 3,759.70
Procure	MDA	MD11	BMDS AN/TPY-2 Radars	\$ 217.24	\$ -	\$ 38.65	\$ -	\$ -	\$ 255.89
Procure	MDA		Aegis Ashore Phase III	\$ -	\$ 86.40	\$ 290.20	\$ 50.40	\$ 20.60	\$ 447.60
Procure	MDA	MD77	Radar Spares	\$ 10.18	\$ -	\$ -	\$ -	\$ -	\$ 10.18
Procure	MDA		Aegis Spares	\$ -	\$ 10.00	\$ 10.00	\$ 46.36	\$ 46.47	\$ 112.83
Procure	Army	7152C4910	PAC-3 missiles	\$ 646.59	\$ -	\$ -	\$ -	\$ -	\$ 646.59
Procure	Army	0962C5070	PAC-3 Mods	\$ 199.57	\$ 258.66	\$ 234.74	\$ 328.25	\$ 329.25	\$ 1,350.46
Procure	Army	1242CA025	PAC-3 Spares	\$ 6.80	\$ 7.92	\$ 6.93	\$ 7.04	\$ 7.16	\$ 35.85
Procure	Army	8260C5310	MSE Missile	\$ 12.85	\$ 538.61	\$ 505.08	\$ 596.39	\$ 566.76	\$ 2,219.69
Procure	Army		Integrated Air and Missile Defense Battle Command System (IBCS) **	\$ -	\$ 23.59	\$ 103.45	\$ 281.83	\$ 426.58	\$ 835.45
O&M	MDA		THAAD	\$ 55.68	\$ 77.93	\$ 84.55	\$ 83.75	\$ 97.24	\$ 399.15

O&M	MDA		Aegis BMD	\$ 12.16	\$ 7.46	\$ 11.36	\$ 5.40	\$ 5.85	\$ 42.24
O&M	MDA		BMDs Radars	\$ 192.13	\$ 212.16	\$ 234.94	\$ 249.31	\$ 247.43	\$ 1,135.97
RDT&E	MDA	0603175C	BMD Technology	\$ 79.98	\$ 81.39	\$ 115.43	\$ 133.74	\$ 136.65	\$ 547.19
RDT&E	MDA	0603274C	Special Programs	\$ 36.69	\$ 39.74	\$ 42.73	\$ 46.31	\$ 47.21	\$ 212.67
RDT&E	MDA	0603881C	BMD Terminal Defense	\$ 316.93	\$ 313.21	\$ 338.35	\$ 249.48	\$ 279.76	\$ 1,497.73
RDT&E	MDA	0603882C	BMD Midcourse Defense	\$ 903.17	\$ 914.60	\$ 954.07	\$ 948.65	\$ 862.88	\$ 4,583.38
RDT&E	MDA	0603884C	BMD Sensors	\$ 347.01	\$ 327.34	\$ 362.52	\$ 341.78	\$ 326.10	\$ 1,704.75
RDT&E	MDA	0603888C	BMDTest&Targets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
RDT&E	MDA	0603890C	BMD Enabling Programs	\$ 362.71	\$ 339.20	\$ 373.35	\$ 395.35	\$ 394.09	\$ 1,864.69
RDT&E	MDA	0603891C	Special Programs	\$ 272.39	\$ 321.45	\$ 345.26	\$ 354.50	\$ 348.60	\$ 1,642.21
RDT&E	MDA	0603892C	BMD Aegis	\$ 992.41	\$ 960.87	\$ 950.10	\$ 1,030.20	\$ 958.68	\$ 4,892.26
RDT&E	MDA	0603893C	STSS	\$ 51.31	\$ 45.36	\$ 32.42	\$ 34.20	\$ 35.09	\$ 198.37
RDT&E	MDA	0603895C	BMDs Space Program	\$ 6.91	\$ 6.58	\$ 6.61	\$ 7.22	\$ 7.37	\$ 34.69
RDT&E	MDA	0603896C	BMD C2BMC	\$ 366.55	\$ 376.12	\$ 383.06	\$ 358.43	\$ 364.73	\$ 1,848.88
RDT&E	MDA	0603898C	BMD Joint Warfighter	\$ 55.55	\$ 53.14	\$ 53.72	\$ 59.29	\$ 60.54	\$ 282.24
RDT&E	MDA	0603901C	Directed Energy Research	\$ 46.94	\$ 47.87	\$ 47.36	\$ 52.52	\$ 54.51	\$ 249.20
RDT&E	MDA	0603902C	SM-3 BLK IIB	\$ 224.08	\$ 295.25	\$ 455.37	\$ 508.36	\$ 430.24	\$ 1,913.29
RDT&E	MDA	0603904C	MDIOC	\$ 63.04	\$ 54.30	\$ 55.41	\$ 54.69	\$ 55.84	\$ 283.29
RDT&E	MDA	0603906C	Regarding Trench	\$ 11.37	\$ 10.37	\$ 5.05	\$ 1.77	\$ 1.81	\$ 30.37
RDT&E	MDA	0603907C	Sea Based X-Band Radar	\$ 9.73	\$ 9.73	\$ 9.74	\$ 9.73	\$ 9.73	\$ 48.65
RDT&E	MDA	0603913C	Israeli Cooperative	\$ 99.84	\$ 95.78	\$ 96.80	\$ 103.94	\$ 106.02	\$ 502.38
RDT&E	MDA	0603914C	BMD Test	\$ 454.40	\$ 420.36	\$ 446.54	\$ 373.40	\$ 421.63	\$ 2,116.33
RDT&E	MDA	0603915C	BMD Targets	\$ 435.75	\$ 475.18	\$ 505.59	\$ 406.93	\$ 485.95	\$ 2,309.39
RDT&E	MDA	0604880C	Land-Based SM-3	\$ 276.34	\$ 127.24	\$ 113.68	\$ 47.72	\$ 56.19	\$ 621.16
RDT&E	MDA	0604881C	Aegis SM-3 Blk IIA	\$ 420.63	\$ 273.93	\$ 200.70	\$ 185.01	\$ 46.10	\$ 1,126.37
			Precision Tracking Space						
RDT&E	MDA	0604883C	System	\$ 297.38	\$ 267.51	\$ 285.53	\$ 326.07	\$ 354.19	\$ 1,530.67
RDT&E	MDA	0604884C	Airborne Infrared (ABIR)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
			Advanced Remote Sensor						
RDT&E	MDA	0604886C	Technology	\$ 58.74	\$ 35.16	\$ 18.90	\$ 18.88	\$ 18.88	\$ 150.57
RDT&E	MDA	0901585C	Pentagon Reservation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

RDT&E	MDA	0901598C	Management Headquarters	\$ 34.86	\$ 25.47	\$ 30.84	\$ 31.48	\$ 32.80	\$ 155.45
RDT&E	TJS	0605126J	Joint Integrated Air & Missile Defense Organization (JIAMDO)	\$ 55.51	\$ 47.61	\$ 48.32	\$ 46.02	\$ 45.95	\$ 243.40
RDT&E	Army	0607865A	Patriot Product Improvement Program	\$ 109.98	\$ 60.39	\$ 24.96	\$ 7.56	\$ 6.92	\$ 209.81
RDT&E	Army	0605457A	Integrated Air and missile Defense (AIAMD)	\$ 277.37	\$ 349.23	\$ 394.26	\$ 210.58	\$ 135.07	\$ 1,366.52
RDT&E	Army	0605456A	PAC-3/MSE Missile	\$ 69.03	\$ 69.20	\$ 130.35	\$ 63.98	\$ 65.77	\$ 398.32
RDT&E	Army	0604869A	Patriot/MEADS Combined Aggregate Program (CAP)	\$ 400.86	\$ -	\$ -	\$ -	\$ -	\$ 400.86
RDT&E	Army	0102419A	Aerostat Joint Project Office	\$ 190.42	\$ 95.52	\$ 32.48	\$ 24.13	\$ 24.61	\$ 367.16
<b>TOTAL</b>				<b>\$ 9,719.77</b>	<b>\$ 9,109.05</b>	<b>\$ 9,671.99</b>	<b>\$ 9,501.12</b>	<b>\$ 9,398.41</b>	<b>\$ 47,400.33</b>

### DoD Missile Defense Spending by Category, FY13

	DoD Projection from FY13 Budget Request	Materials	Estimate Totals
RDTE	\$ 7,327.90		\$ 7,327.86
Procurement	\$ 1,927.60		\$ 1,926.60
Spares	\$ 17.00		\$ 16.98
MILCON	\$ 188.30		\$ 188.35
O&M	\$ 260.00		\$ 259.98
<b>Total FY13</b>	<b>\$ 9,720.80</b>		<b>\$ 9,719.77</b>
<b>Total FY13-FY17</b>	<b>\$ 47,400.00</b>		<b>\$ 47,400.33</b>

#### Notes:

\* Original DoD estimate available in "Procurement Acquisition Costs by Weapon System" Feb. 2012, p. 4-2. Available from <[http://comptroller.defense.gov/defbudget/fy2013/FY2013\\_Weapons.pdf](http://comptroller.defense.gov/defbudget/fy2013/FY2013_Weapons.pdf)>

\*\*The Integrated Air and Missile Defense Battle Command System (IBCS) program does not appear in FY13 budget documents, as it does not begin until FY14. It can be found as a related program in Army FY2013 RDT&E Justification Book, vol. 5B, p. 863.

FY13 budget documents do not mention IBCS funds in FY14. As a proxy, ICBS data for FY14 is taken from Army FY2012 RDT&E Justification book, vol. 5B, p. 477.