

Defense Budget at a Glance

President Barack Obama on Feb. 9 presented Congress with his Fiscal 2017 federal budget request. The Defense Department's spending plan seeks \$523.9 billion in budget authority, excluding war costs (funding for overseas contingency

operations, or OCO) and \$582.7 billion including war costs. Funding most often is stated in budget authority, or BA, which is the value of new obligations the Pentagon can incur. (Some are paid in future years.) Figures can also be expressed in outlays—

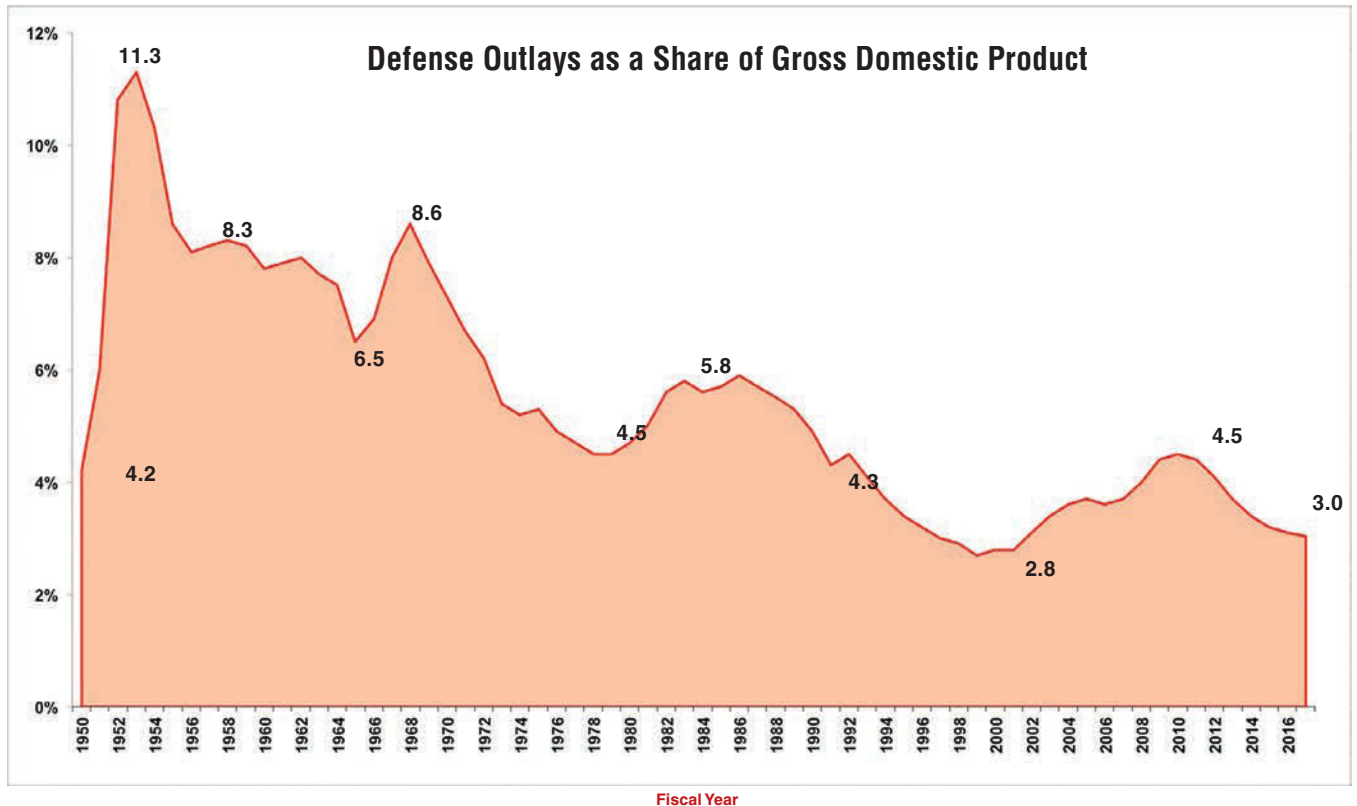
actual checks written in a given year. "Current dollars" include inflation. With "constant dollars," the effects of inflation have been removed. Charts address only the Defense Department program.

Defense Budget Authority

(\$ billions)

	Actual 2015	Enacted 2016	Planned 2017	2018	2019	2020	2021
No War Costs, Current Dollars	\$497.3	\$521.7	\$523.9	\$556.7	\$564.8	\$570.4	\$585.2
No War Costs, Constant FY 2017 Dollars	\$517.9	\$534.2	\$523.9	\$543.3	\$538.0	\$530.3	\$531.0
With War Costs, Current Dollars	\$560.4	\$580.3	\$582.7	\$615.5*	\$623.6*	\$629.2*	\$644.0*
With War Costs, Constant FY 2017 Dollars	\$583.6	\$594.2	\$582.7	\$600.7*	\$594.0*	\$585.0*	\$584.4*

*Includes placeholder value of \$58.8 billion in war funding.



Defense Outlays

(\$ billions)

	2015	2016	Planned 2017	2018	2019	2020	2021
Current Dollars	\$562.5	\$576.3	\$586.8	\$568.6	\$569.9	\$575.3	\$582.0
Constant FY 2017 Dollars	\$585.8	\$590.2	\$586.8	\$555.0	\$542.9	\$534.8	\$528.1

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Service Shares

(Budget authority in billions of constant FY17 dollars)

	2015	2016	2017	2018	2019	2020	2021
Dollars							
Air Force	\$142.8	\$149.2	\$151.1	\$156.7	\$155.1	\$152.9	\$153.1
Army	125.0	126.2	123.0	127.6	126.3	124.5	124.7
Navy/Marine Corps	155.6	163.2	155.4	161.1	159.6	157.3	157.5
Defense Agencies	94.5	95.6	94.5	98.0	97.0	95.6	95.7
Total	\$517.9	\$534.2	\$523.9	\$543.3	\$538.0	\$530.3	\$531
Percentages							
Air Force	27.6%	27.9%	28.8%	28.8%	28.8%	28.8%	28.8%
Army	24.1%	23.6%	23.5%	23.5%	23.5%	23.5%	23.5%
Navy/Marine Corps	30.0%	30.5%	29.7%	29.7%	29.7%	29.7%	29.7%
Defense Agencies	18.2%	17.9%	18.0%	18.0%	18.0%	18.0%	18.0%

Note: USAF shares above include non-Blue funding. Outyears estimates based on FY17 shares.

USAF's Blue-only share

Dollars	\$113.2	\$121.9	\$120.4
Percentages	21.9%	22.8%	23%

Note: USAF budget includes Blue dollars, money for programs actually managed by USAF, and non-Blue dollars, money (such as some intelligence and space-related funding) USAF does not manage but that passes through USAF accounts.

Cutting the Pie: Who Gets What

(Budget authority in billions of constant FY17 dollars)

	2015	2016	2017	2018	2019	2020	2021
Military personnel	\$140.5	\$138.6	\$135.3	\$134.6	\$133.5	\$133.3	\$133.1
O&M	204.5	202.2	205.9	213.8	214.2	213.2	211.9
Procurement	97.8	113.4	102.6	112.5	110.5	110.3	112.7
RDT&E	66.1	70.4	71.4	73.4	71.5	66.3	65.3
Military construction	5.7	7.1	6.1	7.7	6.7	5.8	6.4
Family housing	1.2	1.3	1.3	1.3	1.5	1.3	1.4
Other	2.3	1.2	1.4	0.1	0.1	0.1	0.1
Total	\$517.9	\$534.2	\$523.9	\$543.4	\$538.0	\$530.3	\$531.0

Manpower

(End strength in thousands)

	1990	2000	2015	Est. 2016	Est. 2017	Change 1990-2015
Total Active Duty	2,065	1,384	1,314	1,301	1,282	-751
Air Force	535	356	311	317	317	-224
Army	751	482	491	475	460	-260
Navy	582	373	328	327	323	-254
Marine Corps	197	173	184	182	182	-13
Selected reserves	1,128	865	819	811	801	-309
Civilians (FTE)	997	660	725	738	733	-272

Operational Training Rates

	1990	2000	2010	2015	Est. 2016	Est. 2017
Air Force						
Flying hours per crew per month, fighter/attack aircraft	19.5	17.2	19.4	13.2	12.9	14.1
Army						
Flying hours per tactical crew per month	14.2	12.7	12.0	9.3	11.5	9.5
FSTM*	800.0	669.0	427.0	1,070.0	625.0	839.0
Navy						
Flying hours per tactical crew per month	23.9	20.9	16.6	14.2	15.4	15.8
Ship steaming days per quarter						
Deployed fleet	54.2	50.5	58.0	64.0	45.0	45.0
Nondeployed fleet	28.1	28.0	24.0	25.0	20.0	20.0

*Note: Data prior to 2012 is annual tank miles.

Acronyms and Abbreviations

AEHF	Advanced Extremely High Frequency
AFRC	Air Force Reserve Command
AGS	Alliance Ground Surveillance
AMRAAM	Advanced Medium-Range Air-to-Air Missile
ANG	Air National Guard
AWACS	Airborne Warning and Control System
BCT	Brigade Combat Team
BM	battle management
BUR	Bottom-Up Review
C3	command, control, and communications
CCS	combat coded squadrons
DCGS	Distributed Common Ground System
DMSP	Defense Meteorological Satellite Program
DSRP	Defense Space Reconnaissance Program
EELV	Evolved Expendable Launch Vehicle
FSTM	Full Spectrum Training Mile
FTE	Full-time Equivalent
FWE	Fighter Wing Equivalent
GPS	Global Positioning System
Helo	helicopter
ICBM	intercontinental ballistic missile
ISR	intelligence, surveillance, and reconnaissance
JASSM	Joint Air-to-Surface Standoff Missile
JDAM	Joint Direct Attack Munition
JSTARS	Joint Surveillance Target Attack Radar System
MEF	Marine Expeditionary Force
NAOC	National Airborne Operations Center
O&M	operation and maintenance
PAR	Presidential Aircraft Replacement
QDR	Quadrennial Defense Review
RDT&E	research, development, test, and evaluation
SATCOM	satellite communications
SBIRS	Space Based Infrared System
SDB	Small Diameter Bomb
Sigint	signals intelligence
SOF	Special Operations Forces
UAV	unmanned aerial vehicle

Major USAF Programs RDT&E

(Current million dollars)

Program		2015	2016	2017
Bomber	B-1B Lancer	4.2	2.2	5.8
	B-2A Spirit	208.1	380.1	468.1
	B-52H Stratofortress	41.1	74.5	78.3
	B-21 (Long-range strike)	883.4	736.2	1,358.3
Fighter/Attack	A-10C Thunderbolt II	0.0	16.2	14.9
	F-15C/D/E Eagle/Strike Eagle	271.6	386.7	613.4
	F-16C/D Fighting Falcon	130.4	166.3	132.8
	F-22A Raptor	310.2	372.2	457.9
	F-35A Lightning II	606.2	640.9	603.5
Helo	HH-60G/U Pave Hawk	100.0	156.1	319.3
	UH-1N Iroquois	0.0	0.0	14.1
ICBM	Minuteman III	204.6	349.0	481.4
ISR/EM/CS	Airborne Recon Systems	37.6	60.1	3.8
	Airborne Sigint Enterprise	72.9	112.8	90.8
	Air & Space Ops Center	108.9	68.7	66.5
	DCGS	44.1	51.0	42.0
	E-3B/C/G Sentry (AWACS)	172.8	131.8	86.6
	E-4B NAOC	25.0	76.8	30.9
	E-8C JSTARS	70.9	44.3	128.0
	EC-130H/J Compass Call/ Commando Solo	16.5	14.2	13.7
	Endurance UAV	20.0	5.0	0.0
	MQ-1B Predator	0.0	0.0	0.0
Mobility	MQ-9A Reaper	141.5	122.7	151.4
	NATO AGS	232.9	138.4	38.9
	RC-135S/U/V/W	0.0	0.0	0.0
	RQ-4B Global Hawk	241.8	188.1	256.3
	U-2S Dragon Lady	5.5	34.5	37.2
	C-5A/B/C/M Galaxy	31.8	22.9	66.1
	C-17A Globemaster III	72.6	48.8	12.4
	C-130H Hercules	0.0	34.0	15.6
	C-130J Super Hercules	26.7	25.0	16.8
	KC-10A Extender	2.7	1.8	0.0
Munition	KC-46A Pegasus	763.2	592.4	261.7
	PAR	11.0	82.4	351.2
	AGM-158A JASSM	12.4	9.8	30.0
	AIM-9X Sidewinder	28.8	43.4	52.9
	AIM-120 AMRAAM	79.8	46.2	62.5
Space	GBU-31/32/38 JDAM	2.4	0.0	9.9
	GBU-39 SDB	66.4	29.1	54.8
	AGM-114 Hellfire	0.0	0.0	0.0
	AEHF	294.5	228.1	259.1
	Counterspace systems	22.7	24.1	34.8
	Cyberspace	94.8	117.4	232.6
	DMSP	0.0	0.0	0.0
	DSRP	0.0	0.0	0.0
	EELV	225.6	227.8	296.6
	GPS	691.6	671.4	813.3
SOF	Joint Space Ops Center	83.3	80.7	72.9
	MilSatCom	157.7	71.9	50.8
	SBIRS	308.8	291.5	182.0
	Space control technology	5.8	4.1	7.5
	Space Fence	191.7	240.7	168.4
SOF	Space situation awareness	30.7	61.6	82.7
	Spacelift range system	32.9	25.8	30.4
	Wideband Global SATCOM	28.3	52.2	41.6
	AC-130H/J/U/W	0.0	0.0	0.0
	CV-22B Osprey	37.7	27.8	16.7
MC-130H/J/P	4.5	10.8	14.0	

Major USAF Programs Procurement

(Current million dollars)

Program		2015	2016	2017
Bomber	B-1B Lancer	219.9	114.1	116.3
	B-2A Spirit	44.8	38.8	43.5
	B-52H Stratofortress	163.4	150.8	137.1
	B-21 (Long-range strike)	0.0	0.0	0.0
Fighter/Attack	A-10C Thunderbolt II	0.0	0.0	25.1
	F-15C/D/E Eagle/Strike Eagle	499.4	602.2	108.7
	F-16C/D Fighting Falcon	19.0	19.1	112.5
	F-22A Raptor	186.1	117.0	211.5
	F-35A Lightning II	4,651.2	6,250.5	5,386.7
Helo	HH-60G/U Pave Hawk	60.1	67.1	91.4
	UH-1N Iroquois	0.0	2.5	18.3
ICBM	Minuteman III	28.4	50.3	85.8
ISR/EM/CS	Airborne Recon Systems	0.0	0.0	0.0
	Airborne Sigint Enterprise	0.0	0.0	0.0
	Air & Space Ops Center	25.7	24.8	46.1
	DCGS	206.7	177.0	170.0
	E-3B/C/G Sentry (AWACS)	207.8	191.1	312.8
	E-4B NAOC	17.1	19.9	53.3
	E-8C JSTARS	0.0	18.0	6.2
	EC-130H/J Compass Call/ Commando Solo	82.6	97.0	130.3
	Endurance UAV	0.0	0.0	0.0
	MQ-1B Predator	4.8	3.2	0.0
Mobility	MQ-9A Reaper	573.7	816.5	829.5
	NATO AGS	0.0	0.0	0.0
	RC-135S/U/V/W	163.3	165.7	211.4
	RQ-4B Global Hawk	75.8	79.9	45.1
	U-2S Dragon Lady	0.0	22.1	36.1
	C-5A/B/C/M Galaxy	332.2	2.6	24.2
	C-17A Globemaster III	106.5	58.8	45.1
	C-130H Hercules	159.3	136.7	9.2
	C-130J Super Hercules	858.3	971.3	308.1
	KC-10A Extender	77.5	5.6	4.6
Munition	KC-46A Pegasus	1,573.2	2,350.6	2,884.6
	PAR	0.0	0.0	0.0
	AGM-158A JASSM	329.2	425.6	431.6
	AIM-9X Sidewinder	129.1	198.2	127.4
	AIM-120 AMRAAM	329.6	380.0	350.1
Space	GBU-31/32/38 JDAM	228.4	534.0	707.1
	GBU-39 SDB	58.2	135.1	275.5
	AGM-114 Hellfire	359.3	697.7	179.1
	AEHF	298.5	327.4	645.6
	Counterspace systems	59.4	43.1	27.0
	Cyberspace	90.5	98.5	146.9
	DMSP	77.8	0.0	0.0
	DSRP	84.0	128.7	0.0
	EELV	1,419.7	1,250.9	1,506.4
	GPS	853.7	178.4	49.4
SOF	Joint Space Ops Center	0.0	0.0	0.0
	MilSatCom	65.0	35.5	41.8
	SBIRS	444.6	542.7	362.5
	Space control technology	0.0	0.0	0.0
	Space Fence	0.0	0.0	0.0
SOF	Space situation awareness	0.0	0.0	0.0
	Spacelift range system	62.5	103.3	123.1
	Wideband Global SATCOM	36.1	74.5	86.3
	AC-130H/J/U/W	0.0	0.0	0.0
	CV-22B Osprey	106.8	126.5	63.4
MC-130H/J/P	928.2	1,442.7	1,050.3	

Historical Force Structure

Current Force Structure

	Cold War Base 1990	1990 Base Force	1993 BUR Plan	1997 QDR Goal	2002 Defense Budget		2013	2014	2015	Est. 2016	Est. 2017
Air Force						Air Force					
Active FWES	24	15	13	12+	12+	Active CCS*	41	40	40	40	41
ANG/AFRC FWES	12	11	7	8	7+	ANG CCS	19	21	21	21	20
Army						AFRC CCS	3	3	3	3	3
Active divisions	18	12	10	10	10	Army					
Army National Guard	10	8	8	8	8	Active BCTs	45	38	32	30	30
Navy						ARNG BCTs	28	28	28	28	26
Active Aircraft Carriers	15	12	11	11	12	Navy					
Reserve Aircraft Carrier	1	1	1	1	0	Aircraft Carriers	10	10	10	11	11
Active Air Wings	13	11	10	10	10	Active Air Wings	10	10	10	10	9
Reserve Air Wings	2	2	1	1	1	Reserve Air Wing	1	1	1	1	1
Marine Corps						Marine Corps					
Active MEFs	3	3	3	3	3	Active MEFs	3	3	3	3	3
Marine Reserve Air Wing	1	1	1	1	1	Marine Reserve Air Wing	1	1	1	1	1

*Note: Active CCS includes fighter/attack and strategic bomber squadrons.